CF GROUP

Dreams, health & care with water

EXPORT CATALOGUE 2026 POOL & WELLNESS



up to date

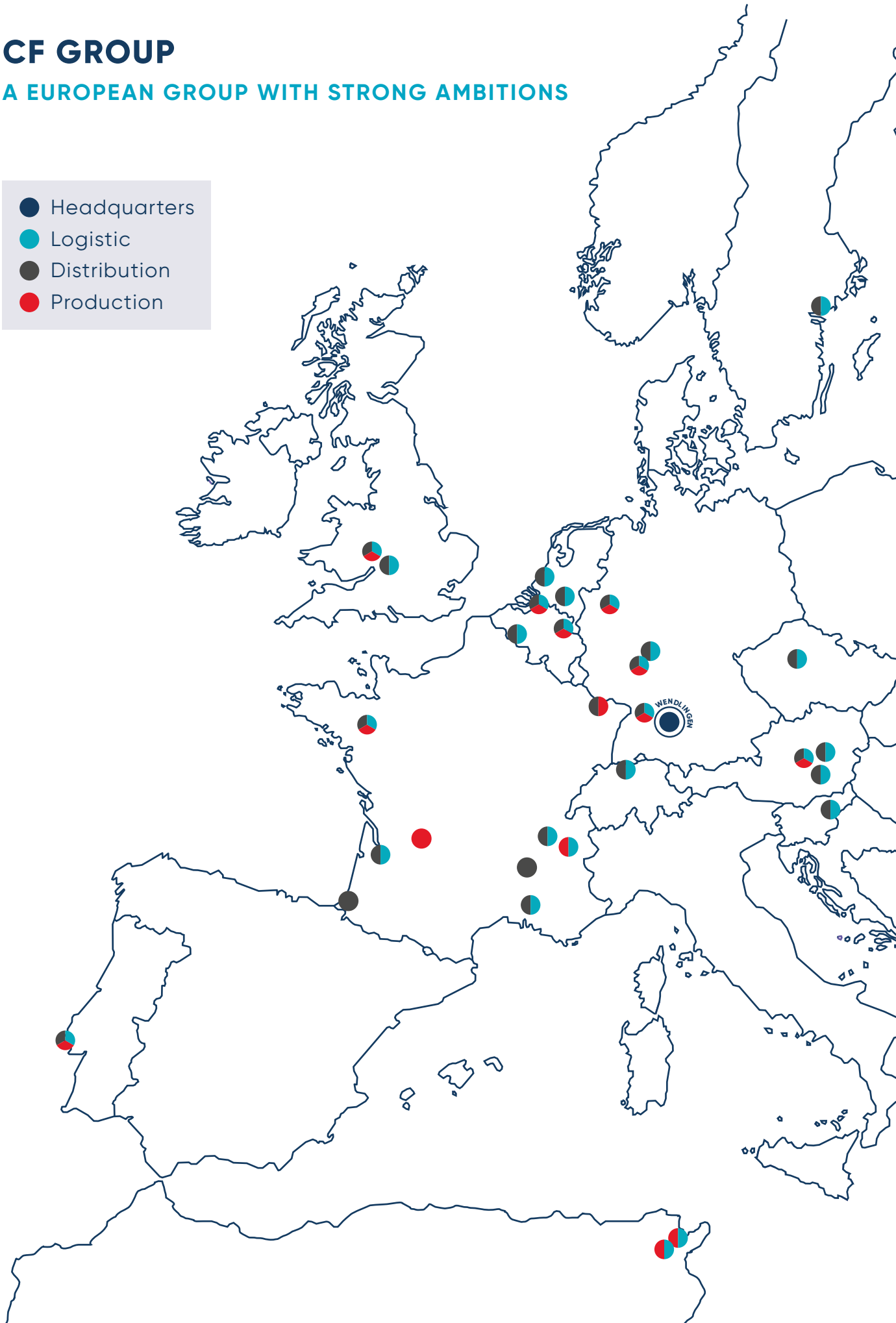
DEL delifol dinotec CHEMOFORM CF TRUST THE POOL EXPERTS Pp POOL PARTNER HEISSNER NEPHEA SPA




Scan the QR Code
and see why
we are destined
to succeed together

CF GROUP

A EUROPEAN GROUP WITH STRONG AMBITIONS



10 STRATEGIC BRANDS

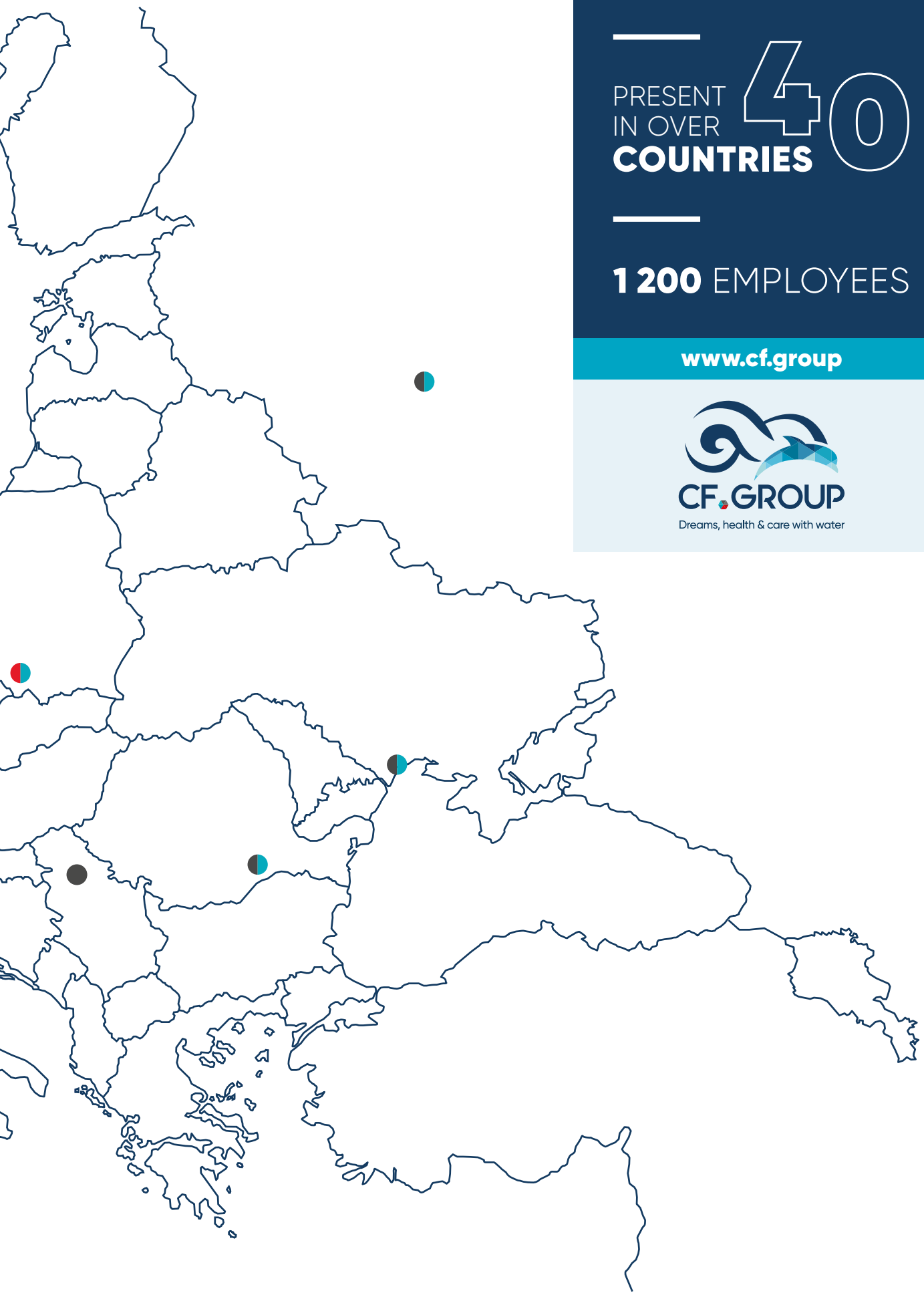
PRESENT IN OVER **40** **COUNTRIES**

1 200 EMPLOYEES

www.cf.group

CF.GROUP

Dreams, health & care with water



ESG

IS AT THE VERY HEART OF OUR STRATEGY

AT CF GROUP WE BELIEVE THAT **THE POOL OF THE FUTURE WILL BE MORE PROTECTIVE** OF THE ENVIRONMENT AND NATURAL RESOURCES.

For CF group, sustainable growth is about responsible corporate action with the aim of combining the interests of society and the environment. In the context of continuous improvement, we strive to find global solutions in all company projects that preserve resources and are sustainable. One key focus is energy & water consumption and the generation of our own power. But we are also focusing our efforts on developing a portfolio of products that are more sustainable and consume less energy. The commitment of our employees is key to anchoring sustainability within the company. Now and in the future, we plan to enhance and support this initiative so that every employee can actively contribute.

Factories and buildings resolutely oriented towards increasing self-sufficiency (solar panels, locks to optimise heating, etc.).

Sustained electric mobility (fleet of cars in transition to electric, charging stations available on all our sites).

Eco-responsible aquaponics projects for an ultra-short production-consumption circuit for the restaurant area in Wendlingen.

Major innovations to reduce chemicals or to optimise the use of salted water.

Waste recycling optimised to the maximum (5-stream sorting, recycling of industrial waste).

Rail transport-oriented logistics to reduce greenhouse gases whenever possible.





OUR VALUES

Strong values guide us on a daily basis in our search for excellence and service

PRAGMATISM

We have both feet on the ground and are not afraid of taking risks or changing our minds for the sake of our projects and teams. We believe that success also involves making mistakes and we strive for continuous improvement.

KNOW-HOW

Our teams are committed to continuous improvement and development of their business expertise. We are proud of our know-how transmitted to all our team members so that each customer benefits from an outstanding experience.

COMMITMENT

We are involved every day in meeting our commitments towards our customers, suppliers, partners and employees as well as in maximizing their satisfaction.

VITALITY

Our various projects result from the constant search for optimized synergies between the company and its employees thanks to a dynamic team spirit.

CF GROUP TECHNOCENTRE

TOWARDS A MORE SUSTAINABLE POOL

WE WILL SHAPE THE POOL OF THE FUTURE

For many years, CF group has been dedicated to enhancing the sustainability and reducing the carbon footprint of our products while maintaining high standards of quality and user-friendliness.
Our products under development are categorized into 3 levels based on their resource-saving abilities:



LEVEL 1

SAVING RESOURCES

Reduction of energy, electricity & water consumption



LEVEL 2

RESOURCE SELF-SUFFICIENCY

Self-sufficient electricity & water supply



LEVEL 3

RESOURCE SUPPLIER

The pool supplies energy to other consumers



Actively committed R&D team:

Our R&D team is developing 15 innovative projects aimed at minimising the impact of our products on natural resources. This commitment to creating eco-friendly, water- and energy-efficient swimming pools has led us to redefine the concept of a pool.

One key initiative, “Purity” features advanced microfiltration technology for superior water quality. Our “Waterfall” system captures and treats rainwater, while the “Futura” cover harnesses solar energy to promote conservation. Energy savings are stored in one of our newest innovation “Power Bank” a thermal battery that allows pools to function as smart monitoring hubs, enabling clients to generate their own energy.

40 employees dedicated to R&D | **18 integrated test pools** | **Prototyping and testing tools** | **Collaboration with 22 accredited laboratories**

CF GROUP PRODUCTION

A TRIPLE EXPERTISE

THE MEANS OF YOUR AMBITIONS

Our production teams apply our long-standing expertise everyday to offer you products that meet the highest standards of quality and safety. Whether it's the manufacture of equipment to the exact dimensions of pools, the ultra-rigorous production of water treatment chemicals or the production of premium monoblock® pools, we have high-performance, reliable production tools that enable you to offer your customers the most durable solutions within competitive timescales.

CUSTOM-MADE PRODUCTS



6 production sites in France, Benelux, UK, Tunisia:

- Solutions for all pool configurations with personalized support.
- Custom-made and just-in-time. The shortest and most reliable deadlines.
- Materials selected for their quality and meticulous execution.

CHEMICALS



5 production sites in Germany, France, Poland:

- Regular adjustments of our formulas to protect the safety of people and the environment (e.g. we were the first company to offer boric acid-free tablets).
- Development of more sustainable packaging.
- An extremely wide range of products, from general to very specific problems.

POOL KITS



3 production sites in The Netherlands, France:

- A range of pool solutions from high-end to budget-friendly options.
- Always a commitment to optimal value for money.
- An approach focused on ease of installation and use as the guiding principle of our technical choices.

OUR PRODUCT UNIVERSES AND BRANDS

CUSTOM-MADE PRODUCTS

Custom-made watertightness and protection equipment.

WATER CARE

The products and equipment needed to ensure water quality.

THE ESSENTIALS

Essential products for pool's construction and renovation as well as its environment.

WELLNESS

The universe dedicated to wellness and fragrances.

POOL AND SPA SOLUTIONS

Turnkey solutions for swimming pool kits, building solutions, safety barriers, spas and worksite equipment.



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NEW 2026 NEW PRODUCTS

CUSTOM-MADE PRODUCTS



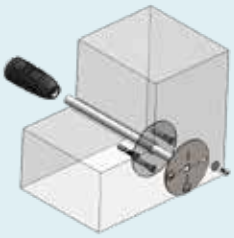
NEW COLOUR

COLLECTION XTRA

Liner

New colour Imperial grey.

Find out more p. 22



NEW EQUIPMENT

WALL MOUNTING

Rollinside in-ground automatic slatted cover

New easy wall fixation that requires no masonry skills.

Find out more p. 70



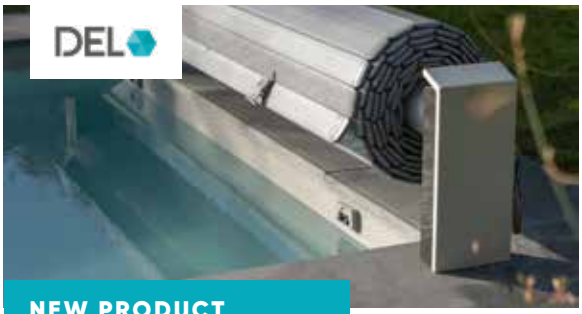
NEW PRODUCT

DECKING WITH FACTORY COVERING

For Rollinside in-ground automatic slatted cover

An ideal solution with no constraints.

Find out more p. 73



NEW PRODUCT

PURE SERIE

Above-ground automatic slatted cover

A modern and elegant design for an enhanced garden, with a new Plug & Start electrical box.

Find out more p. 146



NEW RANGE OF WALL FIXATIONS

PUSHLOCK AUTOMATIC

Automatic slatted covers

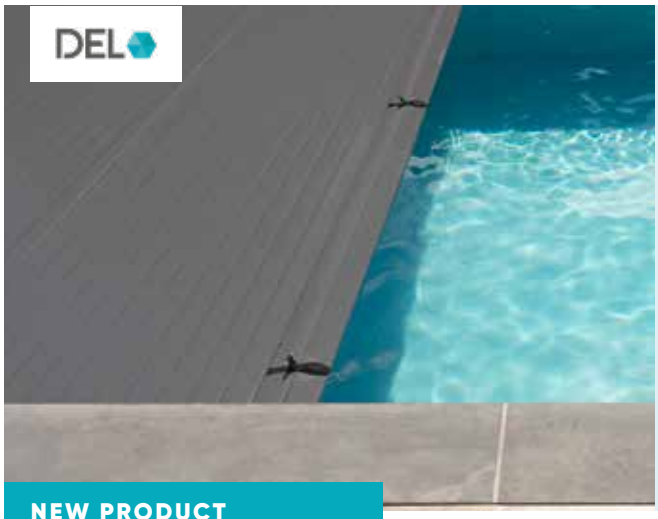
Automatic locking kit for slatted covers.

- Automatic lock and unlock of the slatted cover without human intervention.
- Patented system designed & developed by CF group.

Find out more p. 190

NEW 2026 NEW PRODUCTS

CUSTOM-MADE PRODUCTS - WATERCARE



NEW PRODUCT

OPAQUE POLYCARBONATE SLATS

Anti-heating slats

Combination of modernity and resistance.

- Extreme shock and hail resistance.
- Ultimate water protection: anti-overheating and anti-photosynthesis.
- On-trend colours.



Find out more p. 178



NEW PRODUCT

PADOLO

Reel system for bar covers

Fast, powerful and practical reel system for pools up to 6 x 12 m.

Find out more p. 205



NEW VERSION

INLINE ACCESS

Electrolysis systems

Easy and reliable salt chlorinator for automatic pool water treatment.

Find out more p. 260



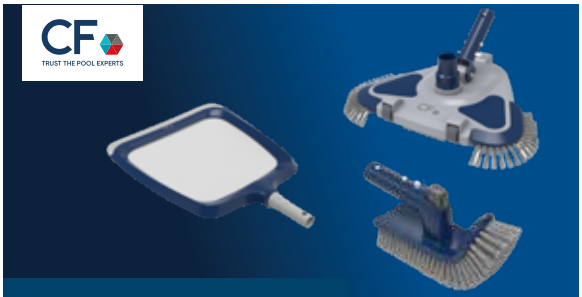
NEW PACKAGING

CHEMOFORM CHEMICALS

Watercare

New packaging.

Find out more p. 269



NEW PRODUCTS

CF PREMIUM RANGE

Watercare

New range of cleaning accessories.

Find out more p. 288

NEW 2026 NEW PRODUCTS

THE ESSENTIALS

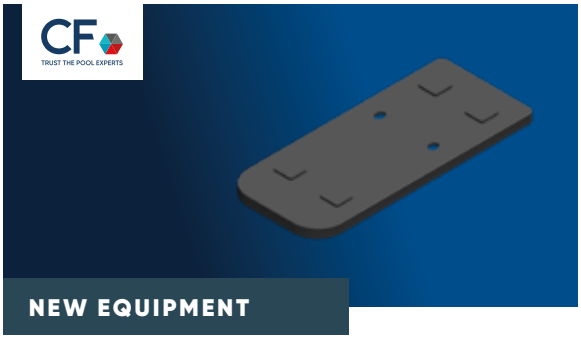


CF AUTOMATIC FILTRATION VALVE

Filtration

Reasoned and intuitive filtration management for greater savings and peace of mind.

Find out more p. 316



WEDGES FOR CF COMFORT & CF VS FILTRATION PUMPS

Filtration pumps

Simplify renovation with the CF range of filtration pumps.

Find out more p. 323



CF VS FLOW REGULATOR

Control boxes

Your filter pump transformed for more savings and less noise.

Find out more p. 335



CF PREMIUM VERTICAL R290

Heating

The powerful heat pump with vertical air flow and lower environmental impact.

Find out more p. 346



CF 350CL

Electric pool cleaners

All-terrain cleaning with double filtration.

Find out more p. 362



CF ZEN 20 & CF ZEN 40

Electric pool cleaners

The high performance cleaners with ultra long battery life.

Find out more p. 363

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For technical questions and after-sales service: support@cf.group

DEL SMART SERENITY

THE UNANIMOUS CHOICE FOR ABOVE-GROUND COVERS?

TIXIT BY DEL



Tixit offers **a signature of quality with modern design features** to enhance any garden: **discreet tinted aluminum end-stands** (available in three colors: white, grey, and black), **LED lighting** (electric version), and smart options like **remote control** (Livepool Cover, Wi-Key) and an integrated **audio system** (Pool Sound on the electric version).
Refined finishes, proven materials: **you save time, reduce after-sales service**, and keep your customers happy.

MADE IN FRANCE

3 years WARRANTY
MOTOR

More information on
my-cfgroup.fr

+33 (0)9 70 72 5000
info.fr@cf.group

a brand by **CF group**

OUR "SPEEDY SERVICES"

ENABLE YOU TO REACT QUICKLY AND EFFICIENTLY

All specific conditions for access to speedy services can be found on p. 510 - 511.



SPEEDY **Liner +**

Your liner manufactured within 3 days* !

Single price +30%
Valid only for orders placed on www.my-cfgroup.fr

SINGLE PRICE +30%

For orders with Speedy Liner + Service, a surcharge of +30% will be applied to your liner base price, whatever the period.

ALL YEAR
D+3



SPEEDY **Liner**

Your liner manufactured within 4 days* !

Single price +20%

SINGLE PRICE +20%

For orders with Speedy Liner Service, a surcharge of +20% will be applied to your slatted cover base price, whatever the period.

FROM NOV. TO MARCH	APRIL
D+4	D+5
FROM MAY TO AUGUST	**SEPTEMBER, OCTOBER**
D+6	D+5



SPEEDY **Slatted Cover**

Your slatted cover manufactured within 5 days* !

Single price +10%

SINGLE PRICE +10%

For orders with Speedy Slatted Cover Service, a surcharge of +10% will be applied to your bar cover base price, whatever the period.

FROM NOV. TO MARCH	APRIL
D+5	D+6
FROM MAY TO AUGUST	**SEPTEMBER, OCTOBER**
D+7	D+6



SPEEDY **Bar Cover**

Your bar cover manufactured within 4 days* !

Single price +20%

SINGLE PRICE +20%

For orders with Speedy Bar Cover Service, a surcharge of +20% will be applied to your bubble cover base price, whatever the period.

FROM NOV. TO MARCH	APRIL
D+4	D+5
FROM MAY TO AUGUST	**SEPTEMBER, OCTOBER**
D+6	D+5



SPEEDY **Bubble**

Your bubble cover manufactured within 4 days* !

Single price +20%

SINGLE PRICE +20%

For orders with Speedy Bubble Service, a surcharge of +20% will be applied to your bubble cover base price, whatever the period.

FROM NOV. TO MARCH	APRIL
D+4	D+5
FROM MAY TO AUGUST	**SEPTEMBER, OCTOBER**
D+6	D+5

* For more details, **go to p. 510 - 511.**

WANT TO ORDER ?

ORDER ON MY-CFGROUP.FR/EN

www.my-cfgroup.fr

- All the catalogue's products.
- Custom-made products.
- All the spare parts.
  - → Ordering spare parts is easier thanks to the preview of fragmented patterns.



2% discount on custom-made products
when ordering online !

ORDER VIA EMAIL

commandes@cf.group

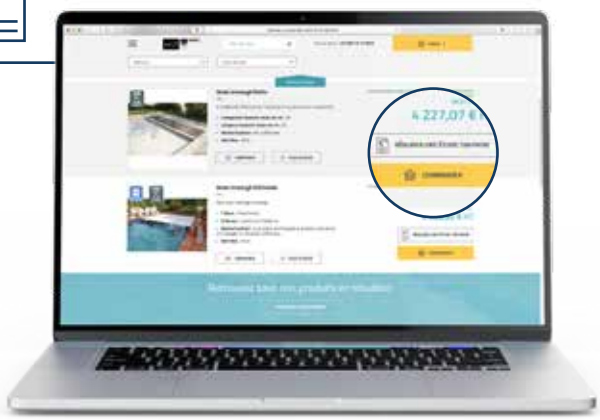
→ Find all our order forms in the «OUR CATALOGUES» section on the home page of **www.my-cfgroup.fr**

NEED A QUOTE?

CARRY OUT YOUR PRICE STUDY

www.my-cfgroup.fr

commandes@cf.group



Your custom-made products' quote
in less than 5 minutes !

→ **You get 2 documents summarising your price study:**

- **With catalogue prices** that you can transmit directly to your customers.
- **With your discount prices** to check your purchasing conditions immediately.

Note: The price study gives you a quick overview of the pricing. It can not be considered as an official quotation.

Check out more on www.my-cfgroup.fr

PACKAGING FOR AUTOMATIC SLATTED COVERS

STANDARD PACKAGING



- Specific wax treatment on the packaging of the mechanics to withstand the rain.
- Optimized equipment protection thanks to the wedging integrated into the cardboard.

WOODEN CRATES



- Better protection of the automatic slatted covers: the products are protected by the standard packaging and the wooden crate.
- Possibility of recycling or reuse the packaging.
- ISPM15 Compliance Option - IPPC (crate with fumigation treatment).

STANDARD PACKAGING PRICES

To be added systematically to all your automatic slatted cover orders

POOL WIDTH	≤ 3 m	≤ 3,5 m	≤ 4 m	≤ 4,5 m	≤ 5 m	≤ 6 m	≤ 7 m	≤ 8 m	≤ 9 m	≤ 10 m
COMPLETE AUTOMATIC SLATTED COVER										
Rolleasy 2	111 €	141 €	141 €	171 €	171 €	171 €	213 €	213 €	-	-
Tixit / Moon / Contura / Pure Serie / Rollover / Moove'O	125 €	160 €	160 €	191 €	191 €	191 €	232 €	232 €	232 €	232 €
Rollinside / Rollin / Rollfit / Rollenergy Evolution	167 €	197 €	197 €	230 €	230 €	230 €	271 €	271 €	271 €	271 €
SLATS ONLY										
Slats	62 €	72 €	72 €	90 €	90 €	90 €	119 €	119 €	119 €	119 €
Slats ≤ 2 m long	26 €	31 €	31 €	47 €	47 €	47 €	61 €	61 €	61 €	61 €
MECHANICS ONLY										
Rolleasy 2	49 €	69 €	69 €	81 €	81 €	81 €	94 €	94 €	-	-
Tixit / Moon / Contura / Rollover / Moove'O	63 €	88 €	88 €	101 €	101 €	101 €	113 €	113 €	113 €	113 €
Rollinside / Rollin / Rollenergy Évolution	105 €	125 €	125 €	140 €	140 €	140 €	152 €	152 €	152 €	152 €

Price € excl. VAT

WOODEN CRATES PRICES

** Additional option. In addition to the standard packaging prices shown above.*

2 wooden crates are needed from a certain pool length:
> 12 m for a 2 faces Rollinside, > 14.50 m for a 1 face Rollinside, > 17.00 m for a Rollin or a Rollenergy Evolution, > 19.50 m for an above-ground slatted cover and > 22.00 m for slats.

- Standard wooden crates

POOL WIDTH	≤ 3 m	≤ 3,5 m	≤ 4 m	≤ 4,5 m	≤ 5 m	≤ 6 m	≤ 7 m	≤ 8 m	≤ 9 m	≤ 10 m
Extra-cost to add to the standard packaging price	545 €	545 €	545 €	659 €	659 €	820 €	-	-	-	-

Price € excl. VAT

- Wooden crates with fumigation treatment

POOL WIDTH	≤ 3 m	≤ 3,5 m	≤ 4 m	≤ 4,5 m	≤ 5 m	≤ 6 m	≤ 7 m	≤ 8 m	≤ 9 m	≤ 10 m
Extra-cost to add to the standard packaging price	715 €	715 €	715 €	868 €	868 €	1 065 €	-	-	-	-

Price € excl. VAT



ILLUSTRATION OF A CF GROUP SWIMMING POOL

1 **Skimmer**
See p. 294

2 **Water level controller**
See p. 296

3 **Junction box**
See p. 297

4 **Suction inlet**
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5 **Projector**
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10 **Copper cable**
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11 **Earth-grounding**
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12 **Pump**
See p. 320

13 **Filter**
See p. 309

14 **Salt chlorinator**
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15 **Salt chlorinator cell**
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16 **pH Minus**
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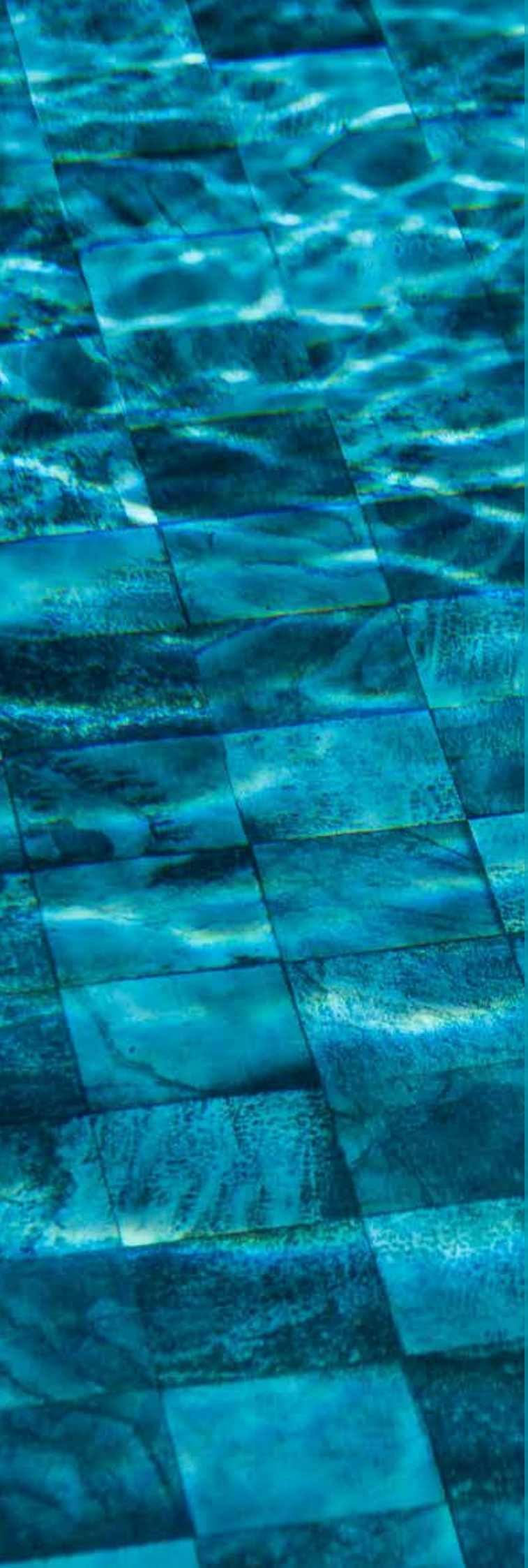
17 **By-pass**

18 **Heat pump**
See p. 346

19 **Control box**
See p. 332

20 **Liner**
See p. 20 - 21

Schematic diagram for information only.



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LINERS

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p. 46 **Glues**

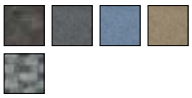
FASTENINGS

p. 47 **Liner locks**
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OUR RANGE OF LINERS





	SPECIALITIES		
	XTRA Collection	TILES Collection	PROTECT 33 Collection
FINISHES			
Colours(1)			
Thickness	95/100th	85/100th	75/100th
Protection varnish	✓	✓	✓
Texture surface & finish	Textured (Ceram grain) Anti-slip (class C) Printed	Smooth Semi-gloss Printed	Smooth Mat Premium formulation
RESISTANCES			
Temperature resistance	33 °C	33 °C	33 °C
Discolouration resistance	++	++	+++
EN 15 836-1 standard	Superior class	Superior class	Superior class
Staining agent resistance	≥ 4	≥ 4	≥ 4
Artificial ageing (6 000 h) - UV	≥ 3	≥ 3	≥ 3
Chlorine resistance	≥ 4	≥ 4	≥ 4
SERVICES			
Speedy Liner & Speedy Liner+(2)	✓	✓	✓
ID Liner(3)	✓	✓	✓
Complex Liner(4)	✓	✓	✓
Memory Liner(5)	✓	✓	✓
OPTIONS			
Choice of the liner closure position	✓	✓	✓
Liner wedge included	✓	✓	✓
MANUFACTURE			
Fabrication	**LINER WITH HIGH QUALITY MANUFACTURE** • **Controlled tensioning:** high frequency welding prevents material from rippling and guarantees the liner's prefect shape. • **Perfect adjustment:** our manufacturing process allows us to minimise shrinkage for a perfectly custom-made liner. Masonry defects are taken into account so the liner suits the pool perfectly. • **Installation assistance:** each corner is marked for easier installation.		
DELIVERY			
Standard packaging	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm
WARRANTIES(6)			
On watertightness	15 years WARRANTY = 10 years WARRANTY FULL WARRANTY + 5 years WARRANTY DEGRESSIVE	15 years WARRANTY = 10 years WARRANTY FULL WARRANTY + 5 years WARRANTY DEGRESSIVE	15 years WARRANTY = 10 years WARRANTY FULL WARRANTY + 5 years WARRANTY DEGRESSIVE
On stains	3 years WARRANTY	3 years WARRANTY	3 years WARRANTY

(1) Due to the reproduction processes used, the colours printed in this catalog are not contractually binding and may slightly differ from the real material.
(2) Speedy liner: high speedy service. See p. 15.
(3) ID Liner: Match different liner colours for the wall, the pool bottom, the stairs and risers, and create a 100% personalised pool. See p. 39.
(4) Complex Liner: for the most complex pools, we'll provide you with support, including a personalised measurement plan. Entrust us with your craziest projects! See p. 39.
(5) Memory Liner: find the plans of an old liner made by our factories, based on some information you can give us. See p. 40.
(6) See warranties on p. 498.

OUR RANGE OF LINERS





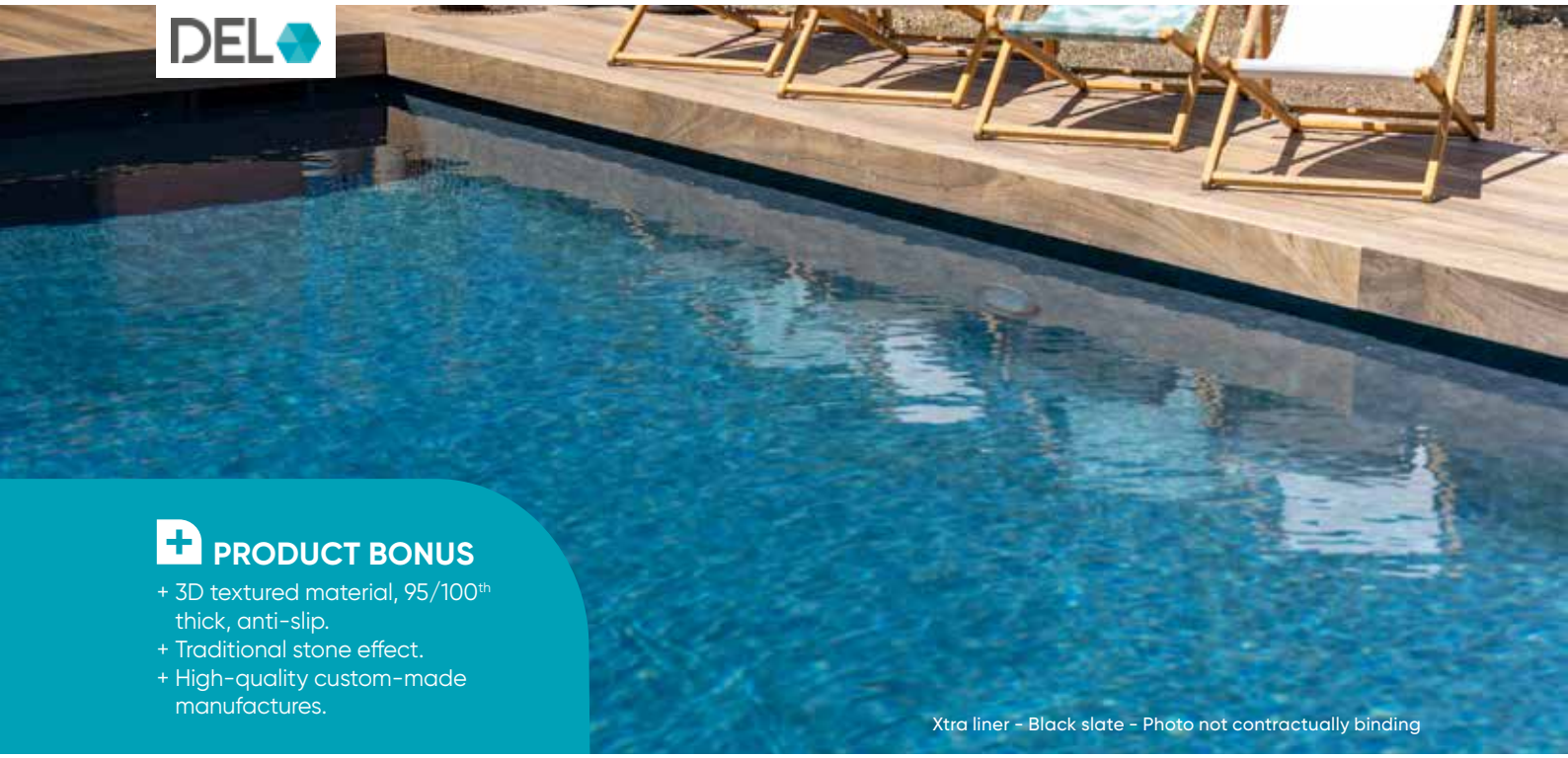

	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
FINISHES				
Colours(1)				
Thickness	75/100th	75/100th	75/100th	100/100th
Protection varnish	✓	✓	✗	✗
Texture surface & finish	Smooth Semi-gloss	Smooth Semi-gloss Printed	Smooth Mat	Textured (del Rio grain) Anti-slip (class C)
RESISTANCES				
Temperature resistance	32 °C	32 °C	28 °C	30 °C
Discolouration resistance	+++	+++	++	++
EN 15 836-1 standard	Superior class	Superior class	Standard class	Standard class
Staining agent resistance	≥ 4	≥ 4	≥ 2	≥ 2
Artificial ageing (6 000 h) - UV	≥ 3	≥ 3	≥ 3 (3 000 h)	≥ 3 (3 000 h)
Chlorine resistance	≥ 4	≥ 4	≥ 3	≥ 3
SERVICES				
Speedy Liner & Speedy Liner+(2)	✓	✓	✓	✓
ID Liner(3)	✓	✓	✓	✓
Complex Liner(4)	✓	✓	✓	✓
Memory Liner(5)	✓	✓	✓	✓
OPTIONS				
Choice of the liner closure position	✓	✓	✓ 61.00 € excl. VAT	/
Liner wedge included	✓	✓	✗	✗
MANUFACTURE				
Fabrication	**LINER WITH HIGH QUALITY MANUFACTURE** • **Controlled tensioning:** high frequency welding prevents material from rippling and guarantees the liner's prefect shape. • **Perfect adjustment:** our manufacturing process allows us to minimise shrinkage for a perfectly custom-made liner. Masonry defects are taken into account so the liner suits the pool perfectly. • **Installation assistance:** each corner is marked for easier installation.			
DELIVERY				
Standard packaging	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm
WARRANTIES(6)				
On watertightness	10 years WARRANTY = 5 years WARRANTY FULL WARRANTY + 5 years WARRANTY DEGRESSIVE	10 years WARRANTY = 5 years WARRANTY FULL WARRANTY + 5 years WARRANTY DEGRESSIVE	10 years WARRANTY DEGRESSIVE	10 years WARRANTY DEGRESSIVE
On stains	3 years WARRANTY	3 years WARRANTY	/	/

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(6) See warranties on p. 498.

LINERS

XTRA COLLECTION

Faithful rendering of stone in relief for a liner that combines style and safety



Xtra liner - Black slate - Photo not contractually binding

PRODUCT BONUS

+ 3D textured material, 95/100th thick, anti-slip.
+ Traditional stone effect.
+ High-quality custom-made manufactures.

A TEXTURED MATERIAL WITH AN AESTHETIC STONE EFFECT

- The Xtra collection's liners concentrate innovations with a thickness of 95/100th, and a printed & textured material, with a protective varnish.
- The proposed patterns are those of universal and timeless stone effects.
- The 3D texture makes them non-slip (Class C) and therefore safe to use throughout the entire pool, including stairs and shallow areas.
- They benefit from DEL's craftsmanship of excellence, making them easy to install despite the increased thickness. They also benefit from the full range of services that the DEL brand provides to its customers.

MSRP from	44.00 €/m²

All our prices are in € excluding VAT.

AN URGENT ORDER?
Opt for the Speedy Liner or Speedy Liner+ service.
Your liner will be manufactured in 4 or 3 days. See p. 15.

A POOL WITH AN UNUSUAL SHAPE?
We offer you complete support, including a personalised measurement plan. Entrust us with your wildest projects! See p. 39.

NEED TO REPLACE A LINER?
If it was manufactured in our workshops, we can locate it based on a few details. This will save you time-consuming measurements and avoid an empty pool during liner manufacturing. See p. 40.

WANT A UNIQUE DESIGN?
Combine different liners in the same project (walls, bottom & shallow-end / steps & risers), and offer your clients a 100% customised solution for their pool and/or stairs. See p. 39.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



COLOURS

PRINTED 95/100TH



Black slate



Granit grey



Granit blue



Granit sand



Imperial grey

CONSTRUCTION • REPAIR • RENOVATION

CFTank

Preserve pool water with the water retention tank CF Tank



More information p. 384 of Solutions chapter.

MADE IN FRANCE
ADHERENCE CLASS C
LINER 3D
33°C MAX
LINER-LOCK WEDGE INCLUDED
10 years WARRANTY WATERTIGHTNESS
3 years WARRANTY STAIN-RESISTANT
NF EN NORM 15836-1 SUPERIOR CLASS

XTRA COLLECTION



Black slate



Granit grey



Granit blue



Granit sand



Imperial grey

LINERS

TILES COLLECTION

The realistic effect of tiles without the contraints, for an enchanting pool



Tiles liner - Basalt - Photo not contractually binding

PRODUCT BONUS

+ Aesthetic ceramic effect.
+ High-quality custom manufacturing.
+ 85/100th thickness.

AN ULTRA-REALISTIC CERAMIC EFFECT FOR A MODERN AESTHETIC

- The liners in the Tiles collection feature tile effect patterns, with tiles of various dimensions depending on the references.
- Additionally, they offer all the characteristics of a high-quality liner (varnished surface giving a resistance to temperature, stains, and aging) and benefit from DEL's craftsmanship of excellence, as well as the full range of services that the DEL brand provides to its customers.
- They can be used throughout the entire pool (floor, walls, stairs) and also have a strong aesthetic appeal when combined with a plain colour from the Protect 33 collection – unleash your creativity and personalise your clients' pools with the exclusive DEL ID LINER service (ID Liner Pool and ID Liners - Stairs - p. 39).

MSRP from	33.41 €/m²

All our prices are in € excluding VAT.

AN URGENT ORDER?
Opt for the Speedy Liner or Speedy Liner+ service.
Your liner will be manufactured in 4 or 3 days. See p. 15.

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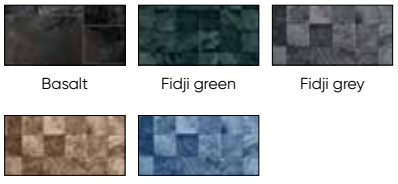
WANT A UNIQUE DESIGN?
Combine different liners in the same project (walls, bottom & shallow-end / steps & risers), and offer your clients a 100% customised solution for their pool and/or stairs. See p. 39.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



COLOURS

PRINTED 85/100TH



Basalt | Fidji green | Fidji grey | Fidji sand | Fidji blue

PRO HINT

An anti-slip finish is strongly recommended on stairs (see NF EN 16 582-1 standard).
→ Consider combining Tiles Liners with Anti-slip liners for stairs.



Tile-bands to customise your liner. p. 32

CONSTRUCTION • REPAIR • RENOVATION

CFTank

Preserve pool water with the water retention tank CF Tank



More information p. 384 of Solutions chapter.

MADE IN FRANCE | 33°C MAX | LINER-LOCK WEDGE INCLUDED | 15 years WARRANTY WATERTIGHTNESS | 3 years WARRANTY STAIN-RESISTANT | NF EN NORM 15836-1 SUPERIOR CLASS

TILES COLLECTION



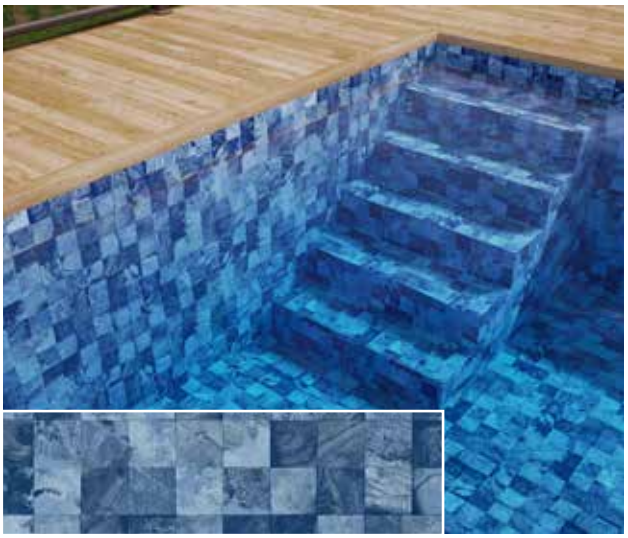
Basalt



Fidji grey



Fidji sand



Fidji blue



Fidji green

LINERS

PROTECT 33 COLLECTION

The high-tech liner that defies time and harsh conditions

MADE IN FRANCE · 33°c MAX · LINER-LOCK WEDGE INCLUDED · 15 years WARRANTY WATERTIGHTNESS · 3 years WARRANTY STAIN-RESISTANT · NF EN NORM 15836-1 SUPERIOR CLASS · EN NORM 71-3



Protect 33 liner – Dark grey - Photo not contractually binding

PRODUCT BONUS

+ DEL's exclusive formulation with a silky finish.
+ High resistance to temperature, aging, and stains.
+ High-quality custom manufacturing.

THE PROTECT 33 LINER MEETS STRICT SPECIFICATIONS

- Specific formulation with a selection of pigments ensuring high resistance to discolouration.
- The selected PVC resin minimises water absorption by the liner and prevents the formation of wrinkles.
- The matt acrylic varnish aids in stain resistance.
- The entire chemical composition of Protect 33 helps protect the liner from dirt and algae.
- The Protect 33 liner complies with the EN 71-3* ("toy standard") and benefits from DEL's craftsmanship of excellence, as well as the full range of services provided by the DEL brand.
- A customisable liner with a choice of colours, tile-bands (p. 32), and ID Liner service (p. 39).

** This norm, not applicable to swimming pools, is related to the absence of dangerous products in plastic toys intended to children.*

MSRP from	30.10 €/m²

All our prices are in € excluding VAT.

AN URGENT ORDER?
Opt for the Speedy Liner or Speedy Liner+ service.
Your liner will be manufactured in 4 or 3 days. See p. 15.

A POOL WITH AN UNUSUAL SHAPE?
We offer you complete support, including a personalised measurement plan. Entrust us with your wildest projects! See p. 39.

NEED TO REPLACE A LINER?
If it was manufactured in our workshops, we can locate it based on a few details. This will save you time-consuming measurements and avoid an empty pool during liner manufacturing. See p. 40.

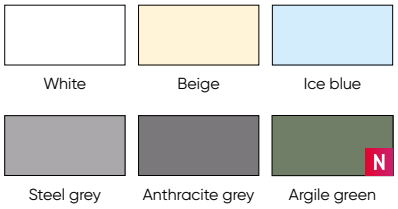
WANT A UNIQUE DESIGN?
Combine different liners in the same project (walls, bottom & shallow-end / steps & risers), and offer your clients a 100% customised solution for their pool and/or stairs. See p. 39.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



COLOURS

PLAIN 75/100TH



White · Beige · Ice blue · Steel grey · Anthracite grey · Argile green (N)

PRO HINT

An anti-slip finish is strongly recommended on stairs (see NF EN 16 582-1 standard).
→ Consider combining Protect 33 Liners with Anti-slip liners for stairs.



Tile-bands to customise your liner. p. 32

CONSTRUCTION • REPAIR • RENOVATION

CFTank

Preserve pool water with the water retention tank CF Tank



More information p. 384 of Solutions chapter.

DELO

SPEEDY Liner

AN URGENT JOB-SITE?

Your liner manufactured in

4 days*

This is possible with the

SPEEDY Liner



EVEN MORE IN A HURRY?

Opt for the SPEEDY *Liner +* and your liner will be manufactured in

3 days**



Find all the conditions of use of the high-speed services on page 15.

*The speedy liner manufacturing lead time (D+4, D+5 or D+6) applies according to the defined period.
**The speedy Liner+ manufacturing lead time D+3 applies throughout the year.

LINERS

SUPERIOR

High-performance varnished protection in a wide range of colours and patterns

MADE IN FRANCE | 32°C MAX | LINER-LOCK WEDGE INCLUDED | 10 years WARRANTY WATERTIGHTNESS | 3 years WARRANTY STAIN-RESISTANT | NF EN NORM 15836-1 SUPERIOR CLASS



Superior liner – Steel grey – Photo not contractually binding

PRODUCT BONUS

+ Excellent resistance to chlorine & UV.
+ Wide choice of colours and printed.
+ High resistance to ageing and stains.

A LINER WITH RESISTANT VARNISH

- The surface coating provides resistance to abrasion, scratches, aging, and stains.
- Resistant up to 32 °C.
- Easy maintenance of the liner, especially the waterline.
- Wide choice of solid colours as well as printed designs, with mineral effects or traditional mosaics.
- Superior liner benefits from DEL's craftsmanship of excellence, along with the full range of services offered by the DEL brand.
- A customisable liner with a choice of colours, tile-bands (p. 32), and ID Liner service (p. 39).

MSRP from	Plain: 24.75 €/m² Printed: 30.11 €/m²

All our prices are in € excluding VAT.

AN URGENT ORDER?
Opt for the Speedy Liner or Speedy Liner+ service.
Your liner will be manufactured in 4 or 3 days. See p. 15.

A POOL WITH AN UNUSUAL SHAPE?
We offer you complete support, including a personalised measurement plan. Entrust us with your wildest projects! See p. 39.

NEED TO REPLACE A LINER?
If it was manufactured in our workshops, we can locate it based on a few details. This will save you time-consuming measurements and avoid an empty pool during liner manufacturing. See p. 40.

WANT A UNIQUE DESIGN?
Combine different liners in the same project (walls, bottom & shallow-end / steps & risers), and offer your clients a 100% customised solution for their pool and/or stairs. See p. 39.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!





Tile-bands to customise your liner. p. 32

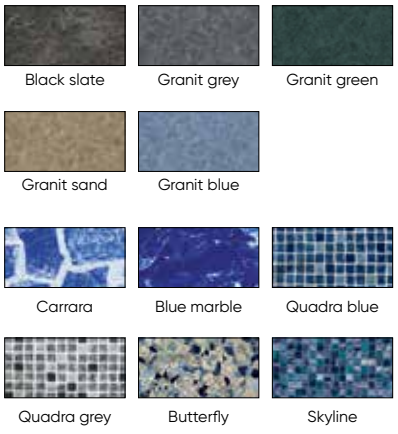
COLOURS

PLAIN 75/100TH



White | Beige | Ice blue | Adriatic blue | Steel grey | Anthracite grey | Green

PRINTED 75/100TH



Black slate | Granit grey | Granit green | Granit sand | Granit blue | Carrara | Blue marble | Quadra blue | Quadra grey | Butterfly | Skyline

PRO HINT

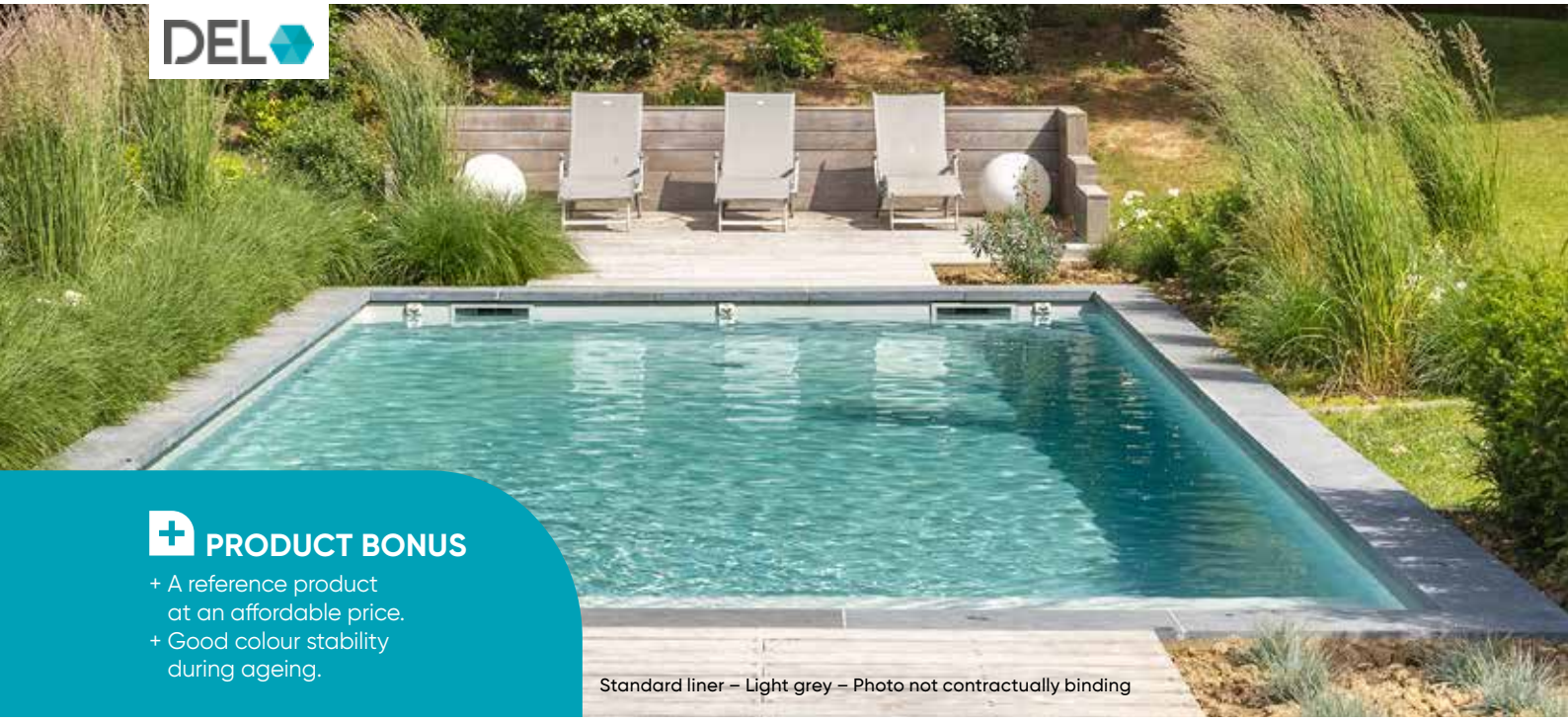
An anti-slip finish is strongly recommended on stairs (see NF EN 16 582-1 standard).
→ Consider combining Superior liners with anti-slip liners for stairs.

LINERS

STANDARD

The liner that reconciles quality and price, from DEL

MADE IN FRANCE · 28 °C MAX · 10 years WARRANTY · WATERTIGHTNESS · NF EN NORM 15836-1 STANDARD CLASS



Standard liner – Light grey – Photo not contractually binding

PRODUCT BONUS

+ A reference product at an affordable price.
+ Good colour stability during ageing.

EXCELLENT VALUE FOR MONEY

- Resistant up to 28 °C.
- The Standard liner meets essential needs while keeping budget constraints in mind, and benefits from DEL's craftsmanship of excellence, along with the full range of services offered by the DEL brand.
- A customisable liner with a choice of colours, tile-bands (p. 32), and ID Liner service (p. 39).

MSRP from	18.24 €/m²

All our prices are in € excluding VAT.

COLOURS

PLAIN 75/100TH

White* · Beige · Ice blue · Adriatic blue · Steel grey · Black

** Subject to stock availability.*

AN URGENT ORDER?
Opt for the Speedy Liner or Speedy Liner+ service.
Your liner will be manufactured in 4 or 3 days. See p. 15.

A POOL WITH AN UNUSUAL SHAPE?
We offer you complete support, including a personalised measurement plan. Entrust us with your wildest projects! See p. 39.

NEED TO REPLACE A LINER?
If it was manufactured in our workshops, we can locate it based on a few details. This will save you time-consuming measurements and avoid an empty pool during liner manufacturing. See p. 40.

WANT A UNIQUE DESIGN?
Combine different liners in the same project (walls, bottom & shallow-end / steps & risers), and offer your clients a 100% customised solution for their pool and/or stairs. See p. 39.

PRO HINT

An anti-slip finish is strongly recommended on stairs (see NF EN 16 582-1 standard).
→ Consider combining Standard liners with anti-slip liners.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!





Tile-bands to customise your liner. p. 32

CONSTRUCTION • REPAIR • RENOVATION

CFTank

Preserve pool water with the water retention tank CF Tank



More information p. 384 of Solutions chapter.

LINERS

TEXTURED ANTI-SLIP

The non-slip liner that ensures safe access to the pool, including stairs and shallow areas

MADE IN FRANCE · LINER 3D · 30°C MAX · 10 years WARRANTY (WATERTIGHTNESS) · NF EN NORM 15836-1 (STANDARD CLASS)



Anti-slip Del liner – Steel grey – Photo not contractually binding

PRODUCT BONUS

+ Anti-slip liner, Del Rio grain, Class C.
+ Prevents slips and falls on stairs or in shallow areas.
+ Perfectly matches all other liners in the DEL range for a harmonious integration.

AESTHETIC AND ANTI-SLIP LINER

- The textured anti-slip liner use a 3D effect material complying with the NF EN 16 582-1 standard (see p. 397).
- It combine an esthetic effect and a safety benefit by preventing falls on stairs or in shallow areas of the pool.
- It meets durability requirements and benefits from DEL's craftsmanship of excellence, along with the full range of services offered by the DEL brand.
- This liner can be combined with any other DEL liners. Through the ID Liner service (see p. 39), the textured anti-slip liner can be used:
  - On stairs: alone, or just on the steps (with a different material for the risers).
  - In the pool: across the entire surface, on the floor only, or on just a portion of the floor (shallow area).

MSRP from	28.12 €/m²

All our prices are in € excluding VAT.

AN URGENT ORDER?
Opt for the Speedy Liner or Speedy Liner+ service.
Your liner will be manufactured in 4 or 3 days. See p. 15.

A POOL WITH AN UNUSUAL SHAPE?
We offer you complete support, including a personalised measurement plan. Entrust us with your wildest projects! See p. 39.

NEED TO REPLACE A LINER?
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WANT A UNIQUE DESIGN?
Combine different liners in the same project (walls, bottom & shallow-end / steps & risers), and offer your clients a 100% customised solution for their pool and/or stairs. See p. 39.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!





Tile-bands to customise your liner. p. 32

COLOURS

100/100TH DEL RIO ANTI-SLIP



ADHERENCE CLASS C

PRO HINT

An anti-slip finish is strongly recommended on stairs (see NF EN 16 582-1 standard).

CONSTRUCTION • REPAIR • RENOVATION

CFTank

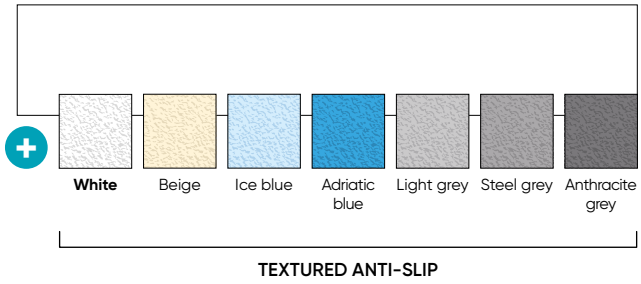
Preserve pool water with the water retention tank CF Tank



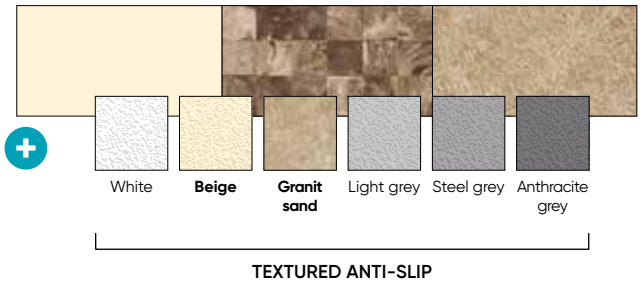
More information p. 384 of Solutions chapter.

IDEAS FOR MATCHING LINERS WITH OUR ANTI-SLIP COLOURS

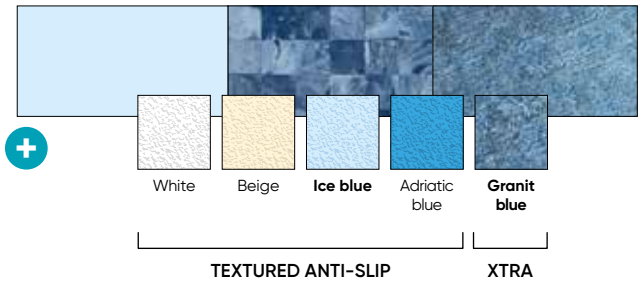
WHITE



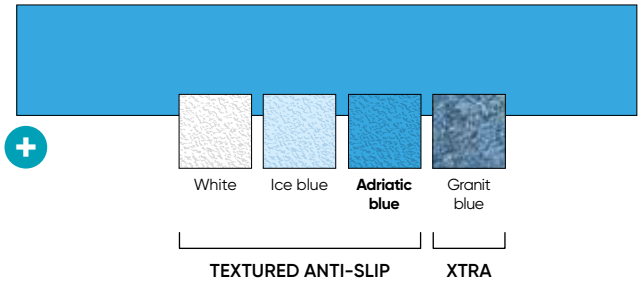
BEIGE FIDJI SAND GRANIT SAND



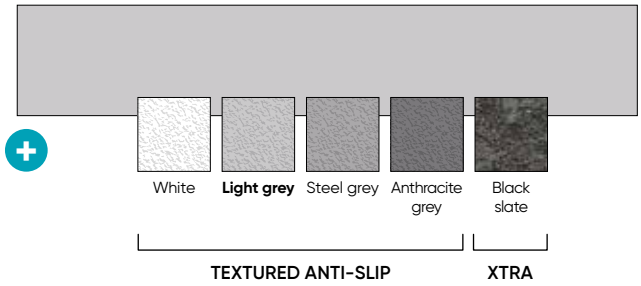
ICE BLUE FIDJI BLUE GRANIT BLUE



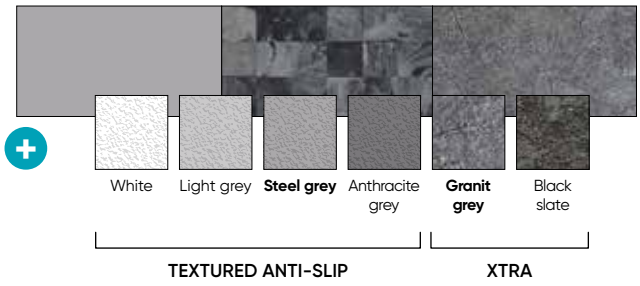
ADRIATIC BLUE



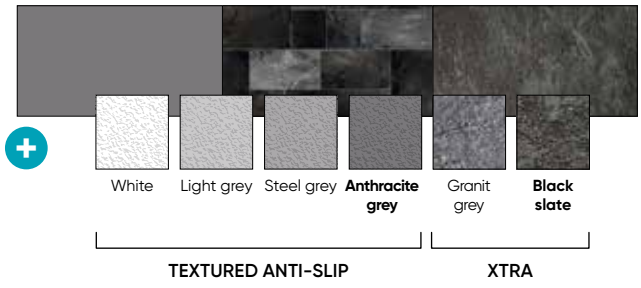
LIGHT GREY



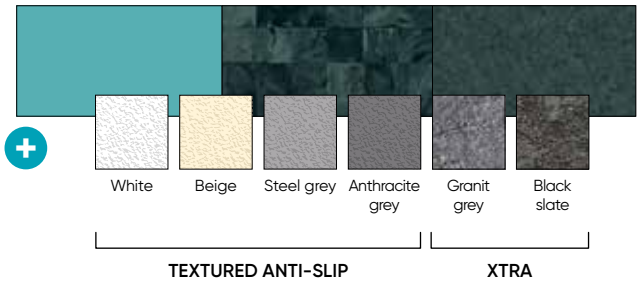
STEEL GREY FIDJI GREY GRANIT GREY



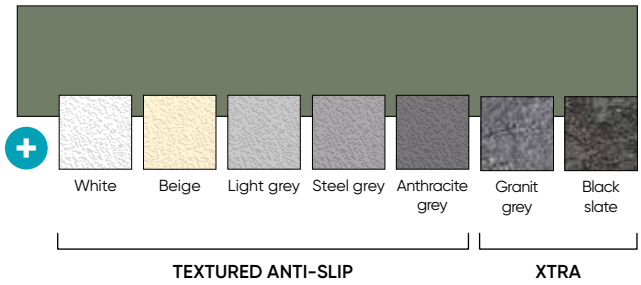
ANTHRACITE GREY BASALT BLACK SLATE



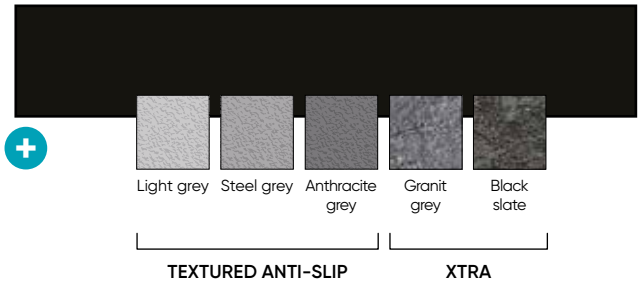
GREEN FIDJI GREEN GRANIT GREEN



ARGILE GREEN



BLACK



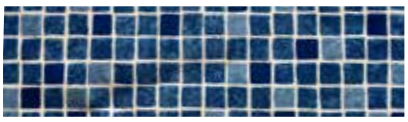
LINERS
TILE-BANDS



HEIGHT 24 CM



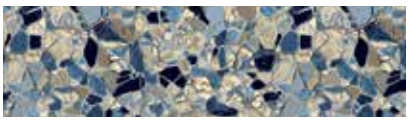
Oxford



Quadra blue



Quadra grey



Butterfly



Skyline



Fidji green



Fidji grey



Fidji sand



Fidji blue

Prices for all tile-band heights:

Tile-bands	**465.00 € fixed price**

All our prices are in € excluding VAT.

INFO

PRINT MATCH-UP

The AFNOR NF T 54-802 norm states that it is impossible to match regular and repetitive patterns on printed liners or tile-bands.

Tile-band - Carthage blue



DOWNLOAD AND SHARE THE MARKETING MATERIALS!



IDEAS FOR MATCHING TILE-BANDS AND LINERS

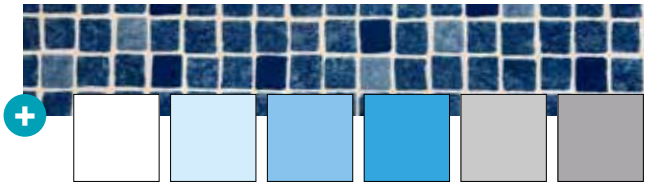
OXFORD



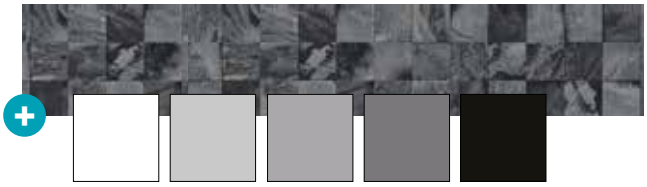
FIDJI GREEN



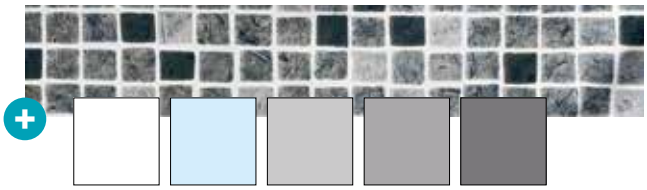
QUADRA BLUE



FIDJI GREY



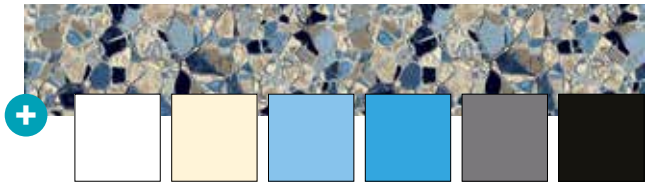
QUADRA GREY



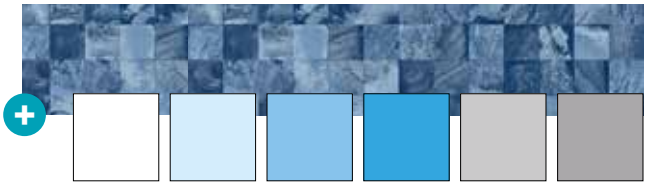
FIDJI SAND



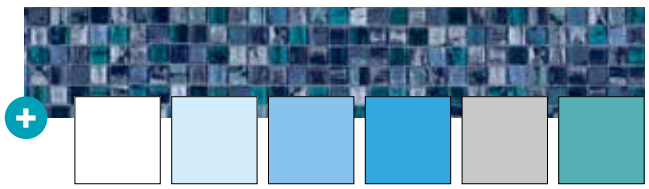
BUTTERFLY



FIJDI BLUE



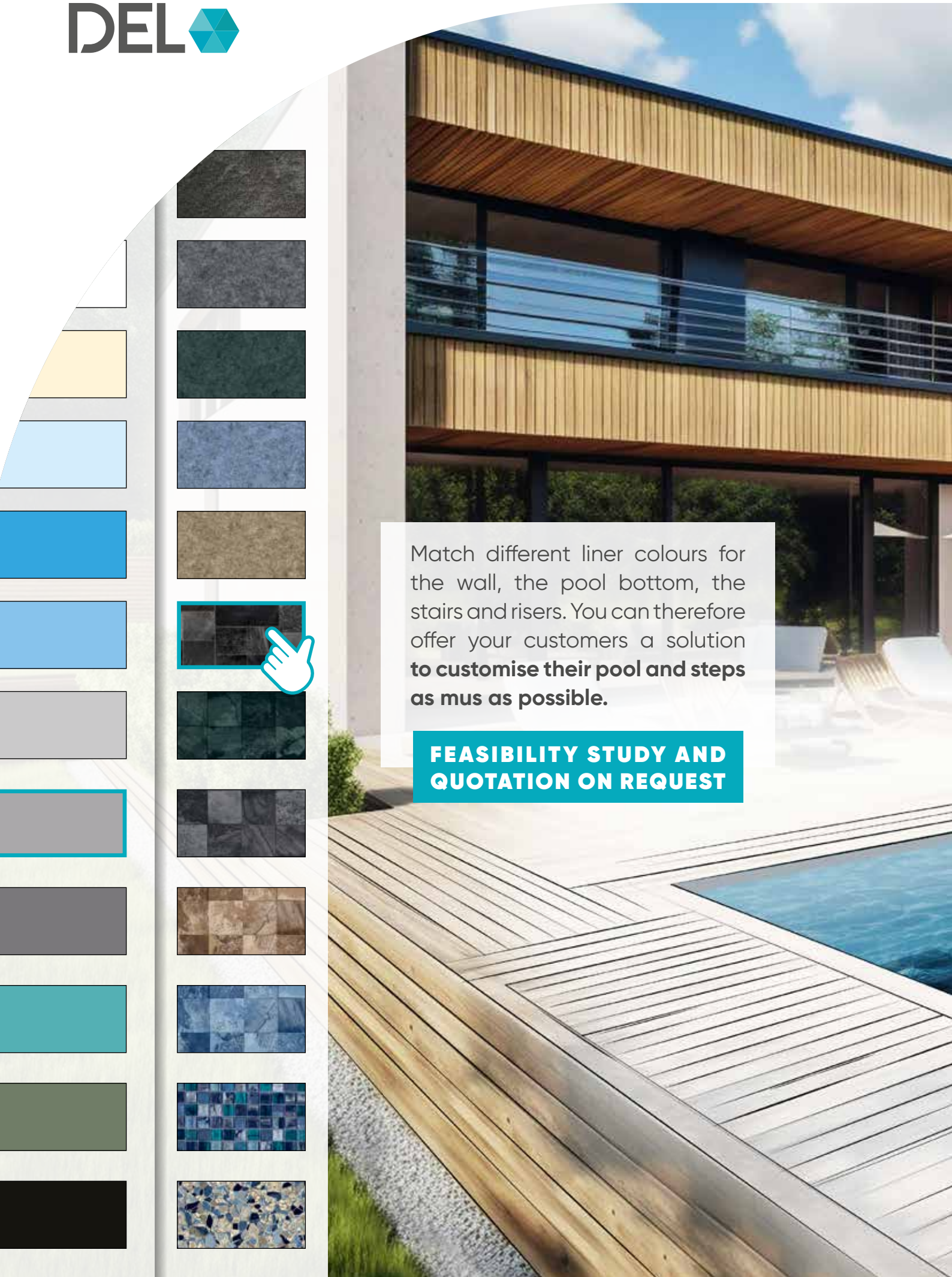
SKYLINE



PRO HINT

Choose a tile-band from the plain and printed colours in our liner range.

DEL

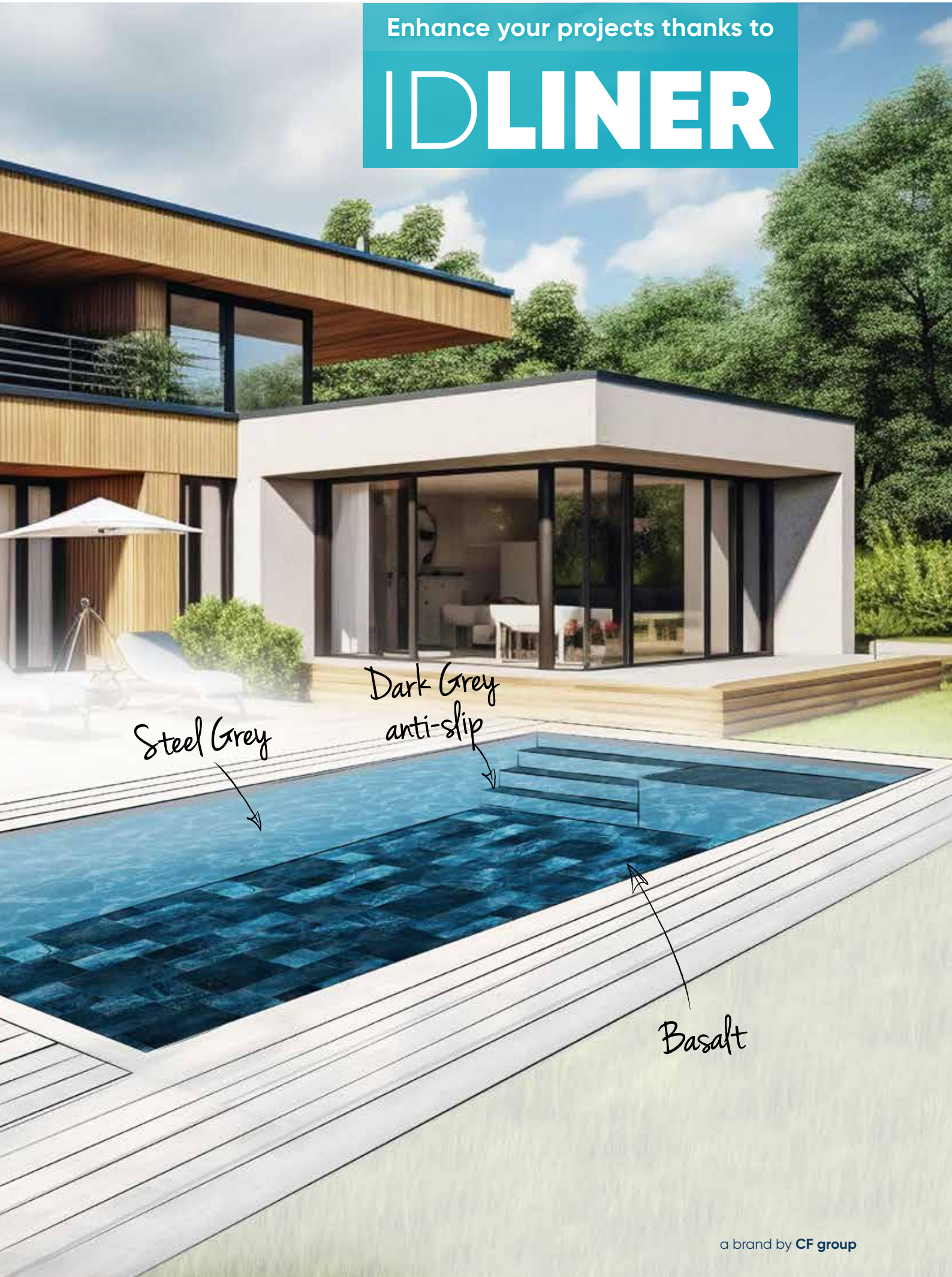


Match different liner colours for the wall, the pool bottom, the stairs and risers. You can therefore offer your customers a solution **to customise their pool and steps as mus as possible.**

FEASIBILITY STUDY AND QUOTATION ON REQUEST

Enhance your projects thanks to

IDLINER



a brand by **CF group**

TAKING MEASUREMENTS

HOW DO YOU CALCULATE M²?

HOW TO CALCULATE THE NUMBER OF M²: TOTAL SURFACE AREA = BOTTOM SURFACE AREA + WALL SURFACE AREA.

1 RECTANGULAR SHAPE WITH FLAT BOTTOM

Bottom surface area = length x width.
Wall surface area = perimeter x wall height.

EXAMPLE:

- 10 x 5 pool with 1.50 m straight wall.
- Bottom surface area = 10 x 5 = 50 m².
- Wall surface area = (10 + 5) x 2 x 1.50 = 45 m².
- Total surface area = 50 + 45 = 95 m².

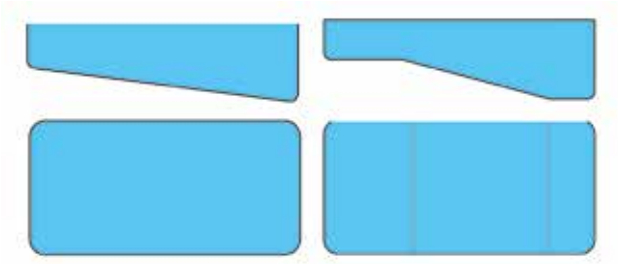


2 RECTANGULAR SHAPE - CONSTANT SLOPE MULTIPLE SEGMENT SLOPE

Bottom surface area = length x width.
Wall surface area = perimeter x average height.

EXAMPLE:

- 10 x 5 m pool with a big pool depth of 1.80 m and small pool depth of 1.00 m.
- Bottom surface area = 10 x 5 = 50 m².
- Wall surface area = [(10 + 5) x 2] x (1.80 + 1.00) / 2 = 42 m².
- Total surface area = 50 + 42 = 92 m².



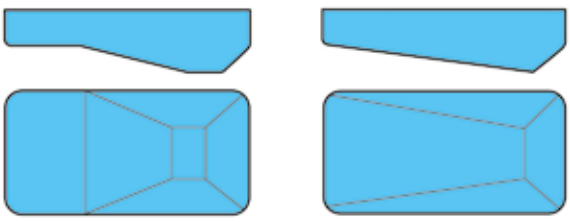
3 RECTANGULAR SHAPE - HOPPER WITH OR WITHOUT SAFETY LEDGE (CONSTANT WALLS)

Bottom surface area = width x length x 1.30 (use 1.15 if the difference between the height of the small pool and the big pool is less than 40 cm).
Wall surface area = perimeter x height of the wall (shallow end).

EXAMPLE:

- 10 x 5 pool with 1.20 m straight wall and pit depth of 1.70 m.
- Bottom surface area = 10 x 5 x 1.30 = 65 m².
- Wall surface area = (10 + 5) x 2 x 1.20 = 36 m².
- Total surface area = 65 + 36 = 101 m².

N.B: 1.30 is an empirical coefficient used to take into account the expansion of the pool bottom.

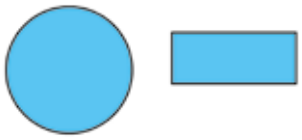


4 ROUND FLAT BOTTOM LINER

Bottom surface area = diameter of the circle itself (square in which the circle fits).
Wall surface area = (3.14 x diameter) x wall height.

EXAMPLE:

- 6 m diameter pool with 1.20 m straight wall.
- Bottom surface area = 6 x 6 = 36 m².
- Wall surface area = (3.14 x 6) x 1.20 = 22.60 m².
- Total surface area = 36 + 22.60 = 58.60 m².

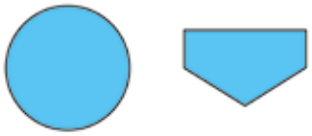


5 ROUND LINER WITH HOPPER

Bottom surface area = the diameter of the circle itself x 1.15.
Wall surface area = (3.14 x diameter) x wall height (shallow end).

EXAMPLE:

- 6 m diameter circle with straight 1.20 m wall and a depth in the centre of 1.80 m.
- Bottom surface area = 6 x 6 x 1.15 = 41.40 m².
- Wall surface area = (3.14 x 6) x 1.20 = 22.60 m².
- Total surface area = 41.40 + 22.60 = 64 m².



6 DOUBLE ROMAN WITH HOPPER

Use the same method as for a rectangular pool and add 10%.

INFO

For pools with stairs, new pricing formula effective since 2025 – see page 42.

INFO

LINERS WITH OVERLAP

We add an extra 10 cm at wall height for hanging. Measurement drawings available on request.

DEL



COMPLEX Liner

DISCOVER THE FREEDOM OF DESIGN



Discover the freedom of design with our support at every stage of the project, and our liners that pefectly fit all pools.



Ask for a personalised feasibility study at

support@cf.group

48-hour response on the feasibility of your project.

** variable according to the study.*

COMPLEX Liner

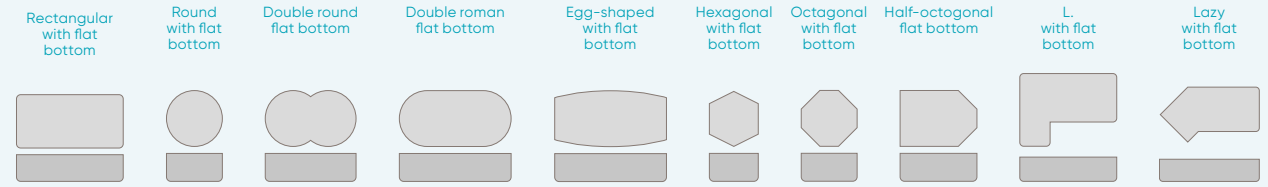
LINERS

LINER PRICES

Shapes

SCAN FOR QUICK CALCULATION

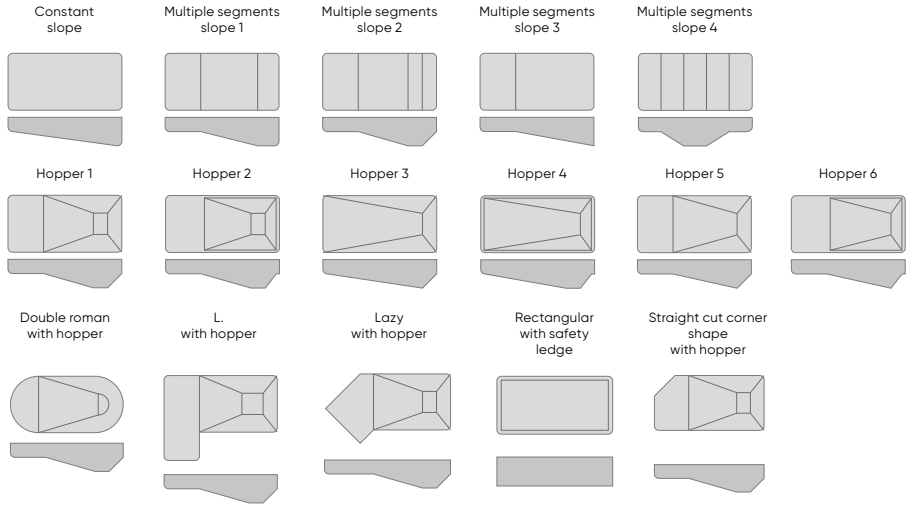
► CLASSICAL SHAPES *(flat bottom pools)*



	SPECIALITIES						
	XTRA Collection	TILES Collection	PROTECT 33 Collection	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
PRICE € / M²	**44.00**	**33.41**	**30.10**	**24.75**	**30.11**	**18.24**	**28.12**

Caution, for liners smaller than 50 m², supplement of 10%, for liners smaller than 15 m², supplement of 20%. All our prices are in € excluding VAT.

► MIXED SHAPES *(pools with slopes and hoppers)*

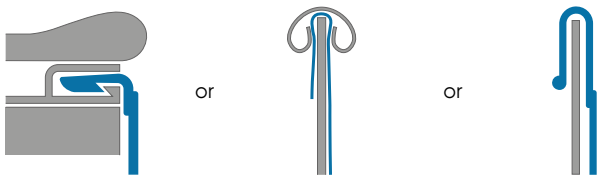


	SPECIALITIES						
	XTRA Collection	TILES Collection	PROTECT 33 Collection	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
PRICE € / M²	**49.00**	**39.74**	**35.81**	**26.30**	**31.83**	**19.44**	**33.81**

Caution, for liners smaller than 50 m², supplement of 10%, for liners smaller than 15 m², supplement of 20%. All our prices are in € excluding VAT.

► OTHER SHAPES: COMPLEX LINERS SERVICE *(see following page)*

HANGING *(Included in the price per m²):*



BEAD

or

OVERLAP of 10 cm

or

THIN PLATE
Sheet thickness: maximum 2 mm
white / beige / grey
adriatic blue / light blue

INFO

All our prices are in € excl. VAT.

PRO HINT

Among the measurements required in our order forms, some are mandatory while others are optional. You can choose to save time by only providing the mandatory measurements, and we will default to duplicating these for the optional ones. Alternatively, you can choose to provide all measurements, and we will use them in CAD to ensure a perfectly custom-fit liner.

LINERS
LINER SERVICES

SCAN FOR QUICK CALCULATION

► COMPLEX LINERS SERVICE (FOR POOLS WITH COMPLEX SHAPES)

1. Design or revise an unusual-shaped pool.
2. Send us photos, plans, and a project description to support@cf.group.
3. We will respond within 48 hours regarding feasibility*.
4. We will provide a personalised measurement plan and a tailored quote.
5. We will create a liner that fits your pool perfectly.

This service is compatible with the ID LINER service.

** Subject to variation depending on the complexity of the study.*

► EASY CORNER NEW

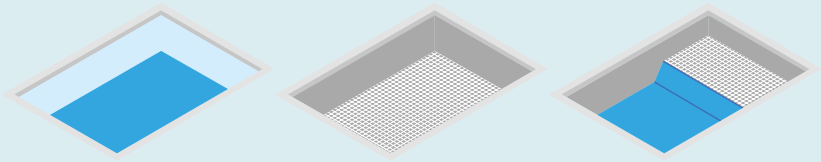
Specific factory process preforming the hanging bead as a sharp 90 degrees angle on the four pool corners.
Available for rectangular pools with sharp and 90 degrees corners.
Offers a more confortable installation for pool renovation when copying stones are already installed and overhang the pool.

Easy corner	40.00 € net fixed price

► ID LINER SERVICE

Pool: mix the colours and/or materials of your liner (walls/bottom/shallow-end)

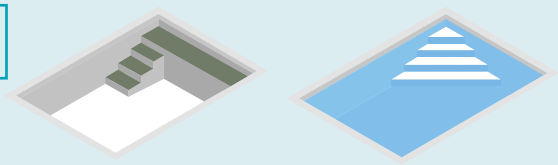
Pool	100.00 € net fixed price



It is only possible to mix colours within each range (for example, Superior range in steel grey on the walls and Superior range in granite grey on the back).
It is not possible to mix a liner from the Specialities range with a Standard or Superior liner.

Stairs: mix the colours and/or materials of your staircase (steps/risers...)

Pool	175.00 € net fixed price



If a staircase is made of two different materials (e.g., anti-slip for steps and standard for risers), the price of the staircase will be based on the material chosen for the steps.





LINERS
LINER SERVICES

SCAN FOR QUICK CALCULATION

► MEMORY LINER SERVICE

Renovating a liner previously manufactured by us ?
Simplify your life and save time on the project!

1. Provide the information you have:
   • Either the invoice number (or a copy of the invoice)
   • Or a few details (installer's name + final customer's name + year of the order)
   • *Additional information can also be helpful, such as liner colour, approximate dimensions, pictures, etc.*
2. Database retrieval: our archival database will allow us to locate the original plans.
   • Guaranteed since 2012.
   • Likely before that: please contact us.
3. Validation Process:
   We will then have you validate only the drawing of the pool before starting production.

Benefits:
• You save time by avoiding measuring the pool.
• The pool isn't empty during liner production, so your client's pool is out of service for a shorter period.

This service is compatible with all DEL liner ranges and the ID Liner, Complex Liner, and Speedy Liner/Speedy Liner+ services.



Memory Liner **Free of charge**

DEL

MEMORY Liner

SAVE TIME ON YOUR LINER RENOVATION PROJECTS!



With some information,
we can find the plan of an old liner
manufactured in our workshops,
saving you the need to take measurements.



The liner is thus made before
the removal of the old one,
significantly **shortening your work on the client's site.**

MEMORY Liner

LINERS

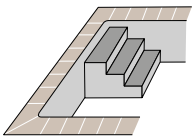
STAIRS PRICES

SCAN FOR QUICK CALCULATION

IMPORTANT CHANGES SINCE JANUARY 2025

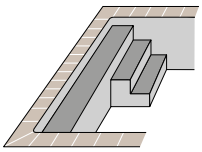
For pools with stairs, the pricing principles will be simplified. Whether the stairs are internal or external, full-width or not, the total amount of the liner quote will be:

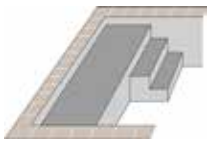
- Floor: Total square meters, including the area occupied by the internal stairs and/or cover pit.
- Walls: Total square meters, including the area occupied by the internal stairs and/or cover pit.
- Stairs: A fixed fee based on:
  - Internal Stairs: type of stairs and number of steps (regardless of dimensions).
  - External Stairs: number of steps and width.



► INTERNAL SQUARE STAIRS

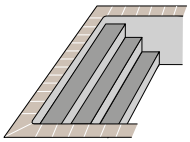
	SPECIALITIES						
	XTRA Collection	TILES Collection	PROTECT 33 Collection	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
1	**596**	**508**	**458**	**331**	**388**	**288**	**331**
2 or 3	**1 300**	**1 108**	**998**	**867**	**1 014**	**752**	**867**
4	**1 557**	**1 327**	**1 196**	**997**	**1 167**	**867**	**997**
5	**1 868**	**1 592**	**1 435**	**1 196**	**1 400**	**1 040**	**1 196**

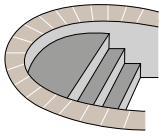




► SQUARE INTERNAL STAIRS WITH BENCH OR LARGE BENCH*

	SPECIALITIES						
	XTRA Collection	TILES Collection	PROTECT 33 Collection	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
1	**1 293**	**1 102**	**1 172**	**850**	**997**	**740**	**850**
2 or 3	**2 164**	**1 844**	**1 661**	**1 407**	**1 643**	**1 241**	**1 389**
4	**2 434**	**2 075**	**1 869**	**1 569**	**1 830**	**1 384**	**1 550**
5	**2 921**	**2 490**	**2 243**	**1 882**	**2 196**	**1 660**	**1 860**





► INTERNAL STAIRS ON THE WHOLE WIDTH (SQUARE OR ROMAN)

	SPECIALITIES						
	XTRA Collection	TILES Collection	PROTECT 33 Collection	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
1	**930**	**793**	**714**	**519**	**608**	**452**	**519**
2 or 3	**1 347**	**1 148**	**1 034**	**761**	**884**	**682**	**742**
4	**1 534**	**1 308**	**1 178**	**849**	**985**	**764**	**823**
5	**1 841**	**1 569**	**1 414**	**1 019**	**1 182**	**917**	**988**

INFO

INSIDE STAIR CUT

Available in pool corner. Liner is manufactured with a shape for added corner stair, ready to be fixed and cutted on its sealing flange.

Inside stair cut	**65.00 € net fixed price**

Price applicable to all liner ranges.

INFO

All our prices are in € excl. VAT.

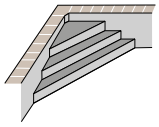
* The bench can be placed on the 1, 2, 3 or 4th step.

PRO HINT

A anti-slip finish is strongly recommended on stairs - see EN 16 582-1 standard.

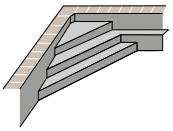
LINERS

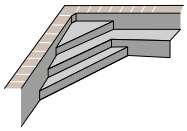
STAIRS PRICES



▶ INTERNAL CORNER STAIRS

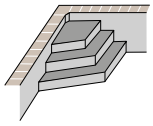
	SPECIALITIES			SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
	XTRA Collection	TILES Collection	PROTECT 33 Collection				
NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
1	**527**	**449**	**501**	**260**	**306**	**227**	**260**
2 or 3	**1 148**	**978**	**1 094**	**681**	**800**	**593**	**681**
4	**1 311**	**1 117**	**1 249**	**795**	**932**	**692**	**795**
5	**1 573**	**1 341**	**1 499**	**954**	**1 118**	**830**	**954**

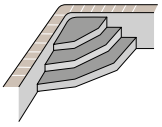


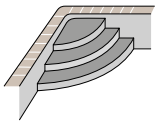


▶ INTERNAL CORNER STAIRS WITH BENCH OR LARGE BENCH*

	SPECIALITIES			SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
	XTRA Collection	TILES Collection	PROTECT 33 Collection				
NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
1	**1 457**	**1 242**	**1 215**	**789**	**914**	**679**	**758**
2 or 3	**1 869**	**1 593**	**1 435**	**1 112**	**1 295**	**984**	**1 093**
4	**2 058**	**1 755**	**1 581**	**1 300**	**1 513**	**1 147**	**1 281**
5	**2 470**	**2 106**	**1 897**	**1 560**	**1 815**	**1 377**	**1 537**

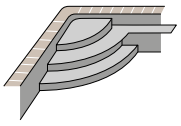






▶ INTERNAL STAIRS CUT CORNER / 3-SIDED CUT / ROUNDED

	SPECIALITIES			SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
	XTRA Collection	TILES Collection	PROTECT 33 Collection				
NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
1	**1 141**	**973**	**875**	**619**	**726**	**540**	**619**
2 or 3	**2 487**	**2 120**	**1 910**	**1 621**	**1 897**	**1 408**	**1 621**
4	**2 846**	**2 426**	**2 186**	**1 864**	**2 182**	**1 621**	**1 864**
5	**3 415**	**2 911**	**2 623**	**2 237**	**2 618**	**1 945**	**2 237**



▶ ROUNDED CORNER STAIRS WITH BENCH OR LARGE BENCH*

	SPECIALITIES			SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
	XTRA Collection	TILES Collection	PROTECT 33 Collection				
NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
1	**1 955**	**1 667**	**1 501**	**1 097**	**1 285**	**955**	**1 097**
2 or 3	**3 448**	**2 939**	**2 647**	**2 168**	**2 530**	**1 902**	**2 149**
4	**3 885**	**3 311**	**2 983**	**2 510**	**2 933**	**2 203**	**2 491**
5	**4 661**	**3 973**	**3 580**	**3 012**	**3 520**	**2 643**	**2 990**

INFO

INSIDE STAIR CUT

Available in pool corner. Liner is manufactured with a shape for added corner stair, ready to be fixed and cutted on its sealing flange.

Inside stair cut	**65.00 € net fixed price**

Price applicable to all liner ranges.

INFO

All our prices are in € excl. VAT.

* The bench can be placed on the 1, 2, 3 or 4th step.

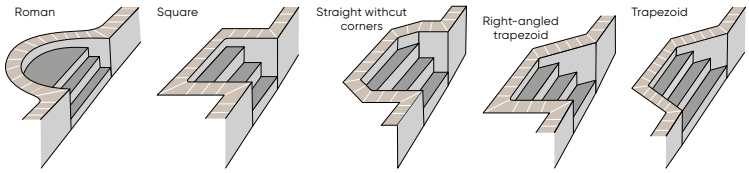
PRO HINT

A anti-slip finish is strongly recommended on stairs - see EN 16 582-1 standard.

LINERS

STAIRS PRICES

SCAN FOR QUICK CALCULATION



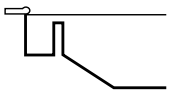
► INTERNAL CORNER STAIRS

		SPECIALITIES						
		XTRA Collection	TILES Collection	PROTECT 33 Collection	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
WIDTH	NUMBER OF STEPS	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
≤ 2 m*	1	542	462	416	301	353	262	301
	2 or 3	1 278	1 089	980	727	850	631	727
	4	1 550	1 321	1 191	834	978	727	834
	5	1 860	1 585	1 429	1 001	1 174	872	1 001
≤ 3 m*	1	633	540	487	393	463	342	393
	2 or 3	1 397	1 191	1 072	772	906	672	772
	4	1 635	1 394	1 256	892	1 043	774	892
	5	1 962	1 673	1 507	1 070	1 252	929	1 070
≤ 3.5 m*	1	740	631	569	434	508	377	434
	2 or 3	1 617	1 378	1 242	880	1 029	766	880
	4	1 849	1 576	1 420	1 014	1 187	883	1 014
	5	2 219	1 891	1 704	1 217	1 424	1 060	1 217
> 3.5 m	1	920	784	706	517	606	449	517
	2 or 3	1 694	1 444	1 301	974	1 139	846	974
	4	1 939	1 653	1 489	1 119	1 309	974	1 119
	5	2 327	1 984	1 787	1 343	1 571	1 169	1 343

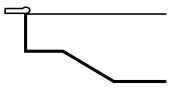
** Tolerance of ±5 cm.*

► COVER PITS

		SPECIALITIES						
		XTRA Collection	TILES Collection	PROTECT 33 Collection	SUPERIOR		STANDARD	TEXTURED ANTI-SLIP
	WIDTH	3D PRINTED	PRINTED	PLAIN	PLAIN	PRINTED	PLAIN	3D
Pit for automatic cover	L ≤ 3 m*	929	792	713	637	740	575	661
	L ≤ 4 m*	1 132	965	797	701	810	633	728
	L ≤ 5 m*	1 203	1 026	923	822	952	741	852
	L ≤ 6 m*	1 344	1 145	1 031	912	1 057	822	945
	L ≤ 7 m*	1 511	1 288	1 160	1 012	1 171	911	1 047
	L > 7 m	1 680	1 432	1 291	1 127	1 303	1 012	1 164



Automatic cover extension

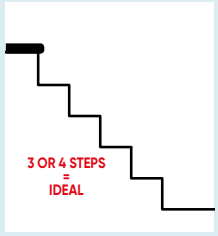


No supplement. Liner calculated at the price per m² on a rectangular measurement.

PRO HINT

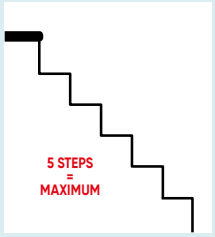
We advise anti-slip on stairs, foot baths, shallow ends, etc.

IDEAL



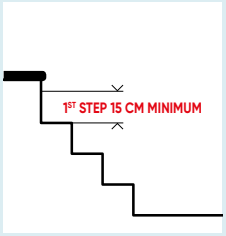
A liner stairs of more than 4 steps becomes very difficult to install.

MAXIMUM



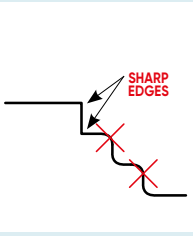
Do not build stairs of more than 5 steps.

MINIMUM



For the first step, have a water height of at least 15 cm.

IMPERATIVE



For step noses and risers, sharp edges imperative.

INFO

Overflow tank, please contact us for the price.

Anti-slip liners are compliant with the NF EN 16 582-1 norm (see p. 397).

The pits are the same colour as the wall (subject to colour availability).
Advise your customers.















ACCESSORIES

UNDERLAY AND FOAM

► BLUE POLYPROPYLENE FELT UNDERLAY



- 50.00 x 2.00 m roll, **350 g/m²**.
- Good resistance to concrete alkalinity.

ROLL SIZE	PRICE € EXCL. VAT PER M²	REF.	PRICE € EXCL. VAT
50.00 x 2.00 m	4.26	**FEB52**	**426.33**

► WHITE POLYESTER UNDERLAY



- 25.00 x 1.57 m roll, **550 g/m²**.
- High resistance to perforation, withstands and reduces concrete asperities.
- Bactericide agent included in the polymer for permanent effectiveness.

ROLL SIZE	PRICE € EXCL. VAT PER M²	REF.	PRICE € EXCL. VAT
25.00 x 1.57 m	7.38	**THIBT25**	**289.61**

► GREY POLYESTER UNDERLAY



- 50.00 x 2.00 m roll, **200 g/m²**.
- Bactericide agent included in the polymer for permanent effectiveness.
- High resistance to perforation, withstands and reduces concrete asperities.
- Good size stability.

ROLL SIZE	PRICE € EXCL. VAT PER M²	REF.	PRICE € EXCL. VAT
50.00 x 2.00 m	3.12	**THIBT50**	**312.27**

► PROTECTION FOAM



- Especially suitable for large benches and steps with benches for more comfortable seating.
- Absorbs shocks.
- Easy to install.
- Perfect finish: all wall imperfections are hidden.
- High resistance to water compression, chlorine and salt water.
- Highly stable product because the foam is produced without using any chemical processes.
- Prevents mould from migrating from the concrete to the liner because it is watertight and airtight.
- Increased thermal insulation.
- High density polyolefin foam with closed round cells. Thickness 5 mm.

ROLL SIZE	REF.	PRICE € EXCL. VAT
50.00 x 1.50 m	**MOUSSEBC**	**646.76**

► BLUE ADHESIVE TAPE



- 50 mm x 50 m roll.
- Used to assemble the strips together.

REF.	PRICE € EXCL. VAT
RUBAN	**37.22**

► QVAC VACUUM CLEANER



- Silent: 50 decibels. Cable length: 1.90 m.
- Used to install the liner. Its suction is about 6 times more efficient than a classic vacuum. Separate motor and suction compartments.

REF.	**NET PRICE** € EXCL. VAT
QVAC	**534.40**

PRO HINT

Extend the lifespan of your liners by using our liner repair kit (ref. KITREP2).

GLUES

► PERFECT PLUS



- For underlay.
- For walls and grounds.
- For a surface area of about 45 m².
- 6 kg tub.

REF.	PRICE € EXCL. VAT
COLPP6	**75.74**

► PERFECT STICK



- For underlay.
- Only for the pool bottom.
- 5 kg tub.

REF.	PRICE € EXCL. VAT
COLSPS5	**25.47**

► 3 M - 74



- For underlay and foam.
- For concrete and plastic construction.
- For a surface area of about 30 m².
- 500 mL bottle.

REF.	PRICE € EXCL. VAT
COLSPRAY74	**47.02**

► BOSTIK



- To bond plastics (PVC on PVC or metal).
- Quick drying.
- Clear.
- 1 kg tub.

REF.	PRICE € EXCL. VAT
LCOL1B	**55.95**

► 3 M - 77



- For underlay and foam.
- For polystyrene blocks.
- For a surface area of about 30 m².
- 500 mL bottle.

REF.	PRICE € EXCL. VAT
COLSPRAY77	**41.05**

► PERFECT SPRAY



- For a surface area of about 30 m².
- 500 mL bottle.

REF.	PRICE € EXCL. VAT
COLSPB	**19.75**

FASTENINGS

PVC LINER LOCKS

INFO

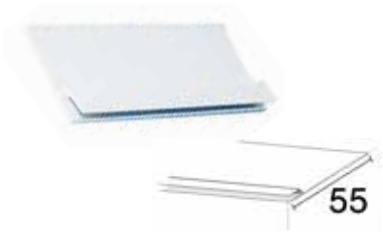
Find the special polystyrene block locks on p. 374 on Pool & Spa Solutions chapter.

▶ 36 MM PVC LINER LOCK



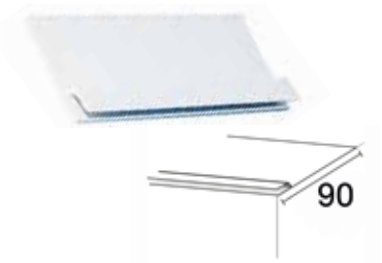
REF. EPVC36	PRICE € EXCL. VAT
Per 2.40 m bar	5.40
Set of 50 - Per bar	5.10
Set of 200 - Per bar	4.75

▶ 55 MM PVC LINER LOCK



REF. EPVC55	PRICE € EXCL. VAT
Per 2.40 m bar	6.23
Set of 50 - Per bar	6.01
Set of 200 - Per bar	5.68

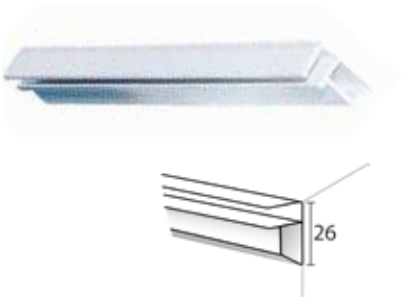
▶ 90 MM PVC LINER LOCK



REF. HPVC90	PRICE € EXCL. VAT
Per 2.50 m bar	11.97
Set of 50 - Per bar	11.20
Set of 200 - Per bar	10.64

▶ 26 MM VERTICAL PVC LINER LOCK

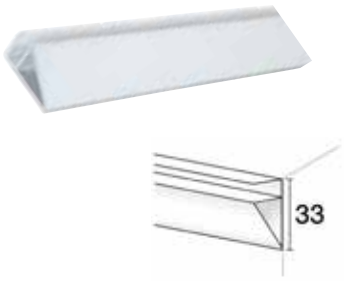
RÉNOVATION



REF. ERENOV	PRICE € EXCL. VAT
Per 2.40 m bar	6.36
Set of 50 - Per bar	6.03
Set of 200 - Per bar	5.80

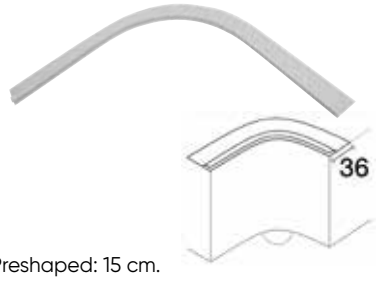
▶ 33 MM WHITE PVC LINER LOCK

RÉNOVATION



REF. HPVC33	PRICE € EXCL. VAT
Per 2.00 m bar	8.47
Set of 50 - Per bar	7.94

▶ 36 MM PVC CORNER



• Preshaped: 15 cm.

REF. APVC36	PRICE € EXCL. VAT
Each	3.18
Set of 20 - Per unit	2.91
Set of 100 - Per unit	2.80

▶ 33 MM PVC CORNER

RÉNOVATION



• Preshaped: 15 cm.

REF. APVC33	PRICE € EXCL. VAT
Each	8.32
Set of 20 - Per unit	7.81
Set of 100 - Per unit	7.33

▶ 55 MM PVC CORNER



• Preshaped: 15 cm.

REF. APVC55	PRICE € EXCL. VAT
Each	3.65
Set of 20 - Per unit	3.45
Set of 100 - Per unit	3.30

▶ 26 MM VERTICAL PVC CORNER

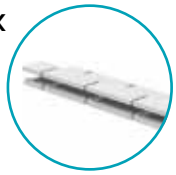
RÉNOVATION



• Preshaped: 15 cm.

REF. ARENOV	PRICE € EXCL. VAT
Each	4.83
Set of 20 - Per unit	4.59
Set of 100 - Per unit	4.35

▶ 46 MM PVC LINER LOCK



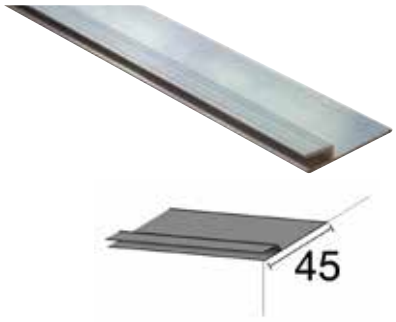
• Special shape
• For radius < 600 mm.

REF. HPVCFL46	PRICE € EXCL. VAT
Per 1.50 m bar	9.24

FASTENINGS

ALUMINIUM LINER LOCKS

► 45 MM ALUMINIUM LINER LOCK



REF. EALU	PRICE € EXCL. VAT
Per 2.40 m bar	**10.44**
Set of 50 - Per bar	**9.93**
Set of 200 - Per bar	**9.46**

► VERTICAL 35 MM ALUMINIUM LINER LOCK



REF. HALV	PRICE € EXCL. VAT
Per 2.00 m bar	**16.04**
Set of 50 - Per bar	**15.07**

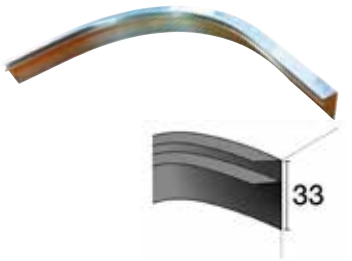
► 45 MM ALUMINIUM CORNER



• Preshaped: 15 cm.

REF. AALU	PRICE € EXCL. VAT
0.40 m corner	**22.00**
Set of 20 - Per corner	**20.70**
Set of 100 - Per corner	**19.70**

► 33 MM VERTICAL ALUMINIUM CORNER



• Preshaped: 15 cm.

REF. AALUVE	PRICE € EXCL. VAT
Each	**18.41**
Set of 20 - Per unit	**17.39**
Set of 100 - Per unit	**16.54**

SCREWS AND RIVETS

► SELF TAPPING SCREW



• Zinc-plated steel
• Ø 6 mm x 32 mm.

REF. VISFRP	PRICE € EXCL. VAT
Per box of 200	**30.89**
Set of 10 boxes - Each	**29.98**
Set of 50 boxes - Each	**28.82**

► FIXING RIVETS



• Aluminium - stainless steel
• Ø 4.8 mm x 25 mm.

REF. RIVET	PRICE € EXCL. VAT
Per box of 250	**51.57**
Set of 5 boxes - Each	**50.07**
Set of 10 boxes - Each	**47.48**

LINER WEDGES

► LINER WEDGES



	COLOUR	PACKAGING	REF.	PRICE € EXCL. VAT
	White	Per 50 m reel	**A-TSBH40500**	**55.23**
	Beige	Per 50 m reel	**A-TSBH40501**	
	Ice blue	Per 50 m reel	**A-TSBH40502**	
	Adriatic blue	Per 50 m reel	**A-TSBH40503**	
	Royal blue	Per 50 m reel	**A-TSBH40504**	
	Light grey	Per 50 m reel	**A-TSBH40506**	
	Dark grey	Per 50 m reel	**A-TSBH40507**	
	Green	Per 50 m reel	**A-TSBH40508**	
	Argile green	Per 50 m reel	**A-TSBH40509**	
	Black	Per 50 m reel	**A-TSBH40510**	

► ASYMMETRICAL WEDGE

The wedge with flange geometry is used to hide mortar under the coping.



	COLOUR	PACKAGING	REF.	PRICE € EXCL. VAT
	White	Per 50 m reel	**A-TSBH41001**	**178.93**
	Beige	Per 50 m reel	**A-TSBH41005**	
	Ice blue	Per 50 m reel	**A-TSBH41002**	
	Steel grey	Per 50 m reel	**A-TSBH41003**	
	Dark grey	Per 50 m reel	**A-TSBH41004**	



CONTENTS

ON-SITE LINING

ON-SITE LINING

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Plain - Anti-slip

p. 53 **delifol NGS (structured)**
AureaStone - Unicolor - LivingStone

p. 55 **delifol NGD/NGC**
Printed patterns & bright colours

p. 56 **Tile-bands and Pond lining**

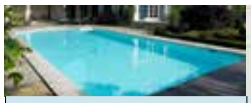
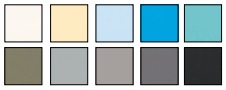
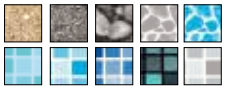
ACCESSORIES

p. 58 **Fleece, glues and liquid PVC**

p. 59 **Cleaners - Steel sheets - Rivets**

p. 60 **Joining bars and rubber -**
PVC angle & strips - Screws

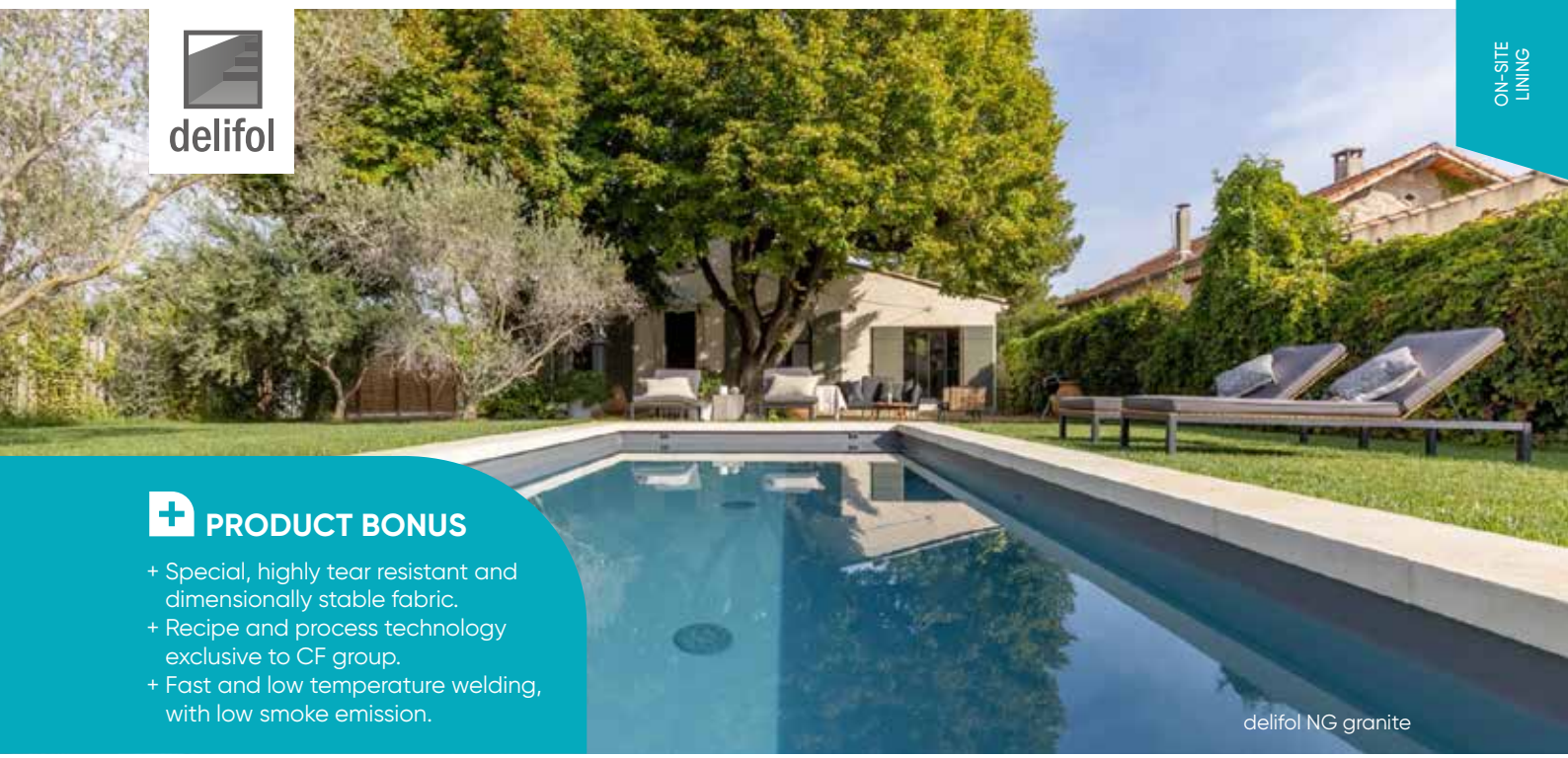
OUR RANGE OF
ON-SITE LINING

				
	NG / NGP / NGR	**NGS**	**NGD**	**NGC**
	delifol	delifol	delifol	delifol
FEATURES				
Colours*		AureaStone  Unicolor  LivingStone 		
Surface appearance	Smooth	Textured	Smooth	Smooth
Protective varnish	✗	✓	✗	✗
Thickness	NG: 150/100e NGP / NGR**: 180/100e	LivingStone/Unicolor: 160/100e AureaStone: 180/100e	150/100e	150/100e
Roll dimensions (in m)	• 1.65 x 5.00 / 10.00 / 20.40 / 25.00* • 2.00 x 25.00 / 16.20**	AureaStone: 1.60 x 25.00 Unicolor: 1.60 x 5.00 / 25.00 LivingStone: 1.60 x 25.00	• 1.65 x 25.00 • 2.00 x 25.00	• 1.65 x 25.00** • 2.00 x 25.00** *(Marine colour only)*
Anti-slip material	NGP / NGR: Naturally anti-slip textured material	Naturally anti-slip textured material	-	-
RESISTANCE/COMPLIANCE				
Maximum temperature	35 °C	35 °C	35 °C	35 °C
Stain resistance	+++	+++	+++	+++
UV resistance	+++	+++	+++	+++
Resistance to discolouration	+++	+++	+++	+++
Dimensional stability	+++	+++	+++	+++
Standard NF EN 15 836-2	Upper Class	Upper Class	Upper Class	Upper Class
Standard EN 71-3	✗	✗	✗	✗
SERVICES				
Small-sized rolls	✓	✓	✓	✓
Strip welding	✗	✗	✗	✗
Laying plan	✓	✓	✓	✓
Mixed colours	✓	✓	✓	✓
Forming	✓	✓	✓	✓
WARRANTIES				
Waterproofing guarantee	15 years WARRANTY	15 years WARRANTY	15 years WARRANTY	15 years WARRANTY
Stain resistance guarantee	-	5 years WARRANTY	-	-

** Due to printing processes, the colours shown in this catalogue are not contractual and may differ from the actual material colour.*
*** Subject to availability.*

ON-SITE LINING
DELIFOL
A high-quality membrane with the best lifespan

CF TRUST PRODUCT | ANTIMICROBIAL AND FUNGICIDE TREATMENT | 35°C MAX | 15 years WARRANTY WATERTIGHTNESS | EN NORM 15836-2 SUPERIOR CLASS



delifol NG granite

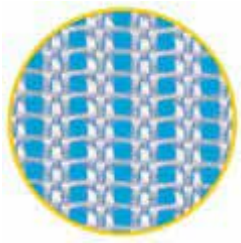
PRODUCT BONUS

+ Special, highly tear resistant and dimensionally stable fabric.
+ Recipe and process technology exclusive to CF group.
+ Fast and low temperature welding, with low smoke emission.

EXCLUSIVE TECHNOLOGY

delifol is an on-site lining with a unique polyester fabric. This inner weave gives to the coating an extreme resistance to tearing or breaking, as well as very high dimensional stability. Made from high-quality materials, the on-site lining doesn't need any varnish. It is also, of course, highly resistant to any weather conditions and various external aggressions. The composition of delifol on-site lining also includes a bactericide and fungicide agent that protects against bacterial and fungal attacks, prevents the degradation of plasticisers in the PVC and thus further extends the life of the membrane.

delifol is manufactured in accordance with DIN EN 15836-2. Its composition and manufacturing technology guarantee a very high level of quality. This is reflected in the DIN ISO 9001 certification of the Development, Production and Testing departments.



Per cm^2: 8 wires in the production direction and 6 wires in the transverse direction

FOR UNIVERSAL USE

delifol meets all the requirements of a swimming pool membrane: it's modern, ecological, and functional. It can be used in both new build and renovation projects, for private and public swimming pools, as well as natural ponds. It can be installed on any sufficiently resistant surface (tiles, concrete, metal, fiber, plastic, or wood), and on any shape of pool.

With the widest range of colours, patterns, and tile-bands on the market, delifol lets you express your creativity and create the pool of your customers' dreams!

EASE OF INSTALLATION

The delifol on-site lining has been installed on more than 200 000 private and public swimming pools around the world for over 55 years. This experience guarantees the quality of its installation, as well as its ageing over time. The quality and durability of delifol are legendary among pool professionals.

The special formulation allows the on-site lining to bond quickly and at a lower temperature, with very low smoke emissions (no varnish). Because it is so soft and flexible, it can be precisely adapted to all pool configurations.

WHY DELIFOL?

- Designed and developed in Germany - Over 55 years' experience.
- Superior unvarnished range.
- Wide choice of colours & patterns.
- Optimum roll lengths.
- 35 °C resistance.
- UV resistance.
- Antimicrobial and fungicide treatment.
- Comply with EN 15836-2 standard.
- ISO 9001 certification.
- 15-year watertightness - without degressivity.
- Installation training programme - delivery of delifol accreditation.

ON-SITE LINING

NG / NGP / NGR

▶ DELIFOL NG

The delifol NG range features 10 essential plain colours: whether it's classical immaculate white, timeless granite grey or tropical caribbean green, you'll find something to suit every preference! Roll sizes are optimised for installation, with 2 widths and 2 lengths as standard, and the option of short rolls (from 5.00 m).

Price excl. VAT **25.56 €/m²**

ROLL SIZE	White	Sand	Azur	Blue	Caribic
1.65 x 25.00 m = 41.25 m²	**DSG600006425**	**DSG600006025**	**DSG600000625**	**DSG600004925**	**DSG600001025**
1.65 x 20.40 m = 33.66 m²*	**DSG600006420.4**	**DSG600006020.4**	**DSG600000620.4**	**DSG600004920.4**	**DSG600001020.4**
2.00 x 25.00 m = 50.00 m²	**DSG200006325**	**DSG200006125**	**DSG200000725**	**DSG200005125**	**DSG200000525**
2.00 x 16.20 m = 32.40 m²*	**DSG200006316.2**	**DSG200006116.2**	**DSG200000716.2**	**DSG200005116.2**	**DSG200000516.2**

** Subject to stock availability*

ROLL SIZE	Khaki	Grey	Concrete	Granite	Black
1.65 x 25.00 m = 41.25 m²	**DSG600017825**	**DSG600003925**	**DSG600017125**	**DSG600013225**	**DSG600000925**
1.65 x 20.40 m = 33.66 m²*	**DSG600017820.4**	**DSG600003920.4**	**DSG600017120.4**	**DSG600013220.4**	**DSG600000920.4**
2.00 x 25.00 m = 50.00 m²	**DSG200018025**	**DSG200003825**	**DSG200027125**	**DSG200013125**	**DSG200020925**
2.00 x 16.20 m = 32.40 m²*	**DSG200018016.2**	**DSG200003816.2**	**DSG200027116.2**	**DSG200013116.2**	**DSG200020916.2**

** Subject to stock availability*

▶ DELIFOL NGP

Unique anti-slip version with pyramid embossing for maximum user safety on stairs or in children's pools. Complies with DIN EN 13451, DIN EN 15288-1 and in particular the European standard for private swimming pools DIN EN 16582-1 (5.2. Slip resistance).

Price excl. VAT **36.65 €/m²**

ROLL SIZE	White	Sand	Azur	Blue	Caribic
1.65 x 5.00 m = 8.25 m²	**DSP00000135**	**DSP00000625**	**DSP00000025**	**DSP00000525**	**DSP00000035**
1.65 x 10.00 m = 16.50 m²*	**DSP000001310**	**DSP000006210**	**DSP000000210**	**DSP000005210**	**DSP000000310**
1.65 x 25.00 m = 41.25 m²	**DSP000001325**	**DSP000006225**	**DSP000000225**	**DSP000005225**	**DSP000000325**

** Subject to stock availability*

ROLL SIZE	Khaki	Grey	Concrete	Granite	Black
1.65 x 5.00 m = 8.25 m²	**DSP00001795**	**DSP00001295**	**DSP00001725**	**DSP00001385**	**DSP00000015**
1.65 x 10.00 m = 16.50 m²*	**DSP000017910**	**DSP000012910**	**DSP000017210**	**DSP000013810**	**DSP000000110**
1.65 x 25.00 m = 41.25 m²	**DSP000017925**	**DSP000012925**	**DSP000017225**	**DSP000013825**	**DSP000000125**

** Subject to stock availability*

▶ DELIFOL NGR*

Anti-slip with rounded embossing. Complies with DIN EN 13451, DIN EN 15288-1 and in particular the European standard for private swimming pools DIN EN 16582-1 (5.2. Slip resistance).
This range will be replaced by the NGS Unicolor one.

Price excl. VAT **36.65 €/m²**

ROLL SIZE	White	Sand	Azur	Blue
1.65 x 5.00 m = 8.25 m²	**DSR00003015**	**DSR00003025**	**DSR00003035**	**DSR00003055**
1.65 x 10.00 m = 16.50 m²*	**DSR000030110**	**DSR000030210**	**DSR000030310**	**DSR000030510**
1.65 x 25.00 m = 41.25 m²	**DSR000030125**	**DSR000030225**	**DSR000030325**	**DSR000030525**

** Subject to stock availability*

ROLL SIZE	Khaki	Grey	Concrete	Black
1.65 x 5.00 m = 8.25 m²	**DSR00003065**	**DSR00003075**	**DSR00003085**	**DSR00003105**
1.65 x 10.00 m = 16.50 m²*	**DSR000030610**	**DSR000030710**	**DSR000030810**	**DSR000031010**
1.65 x 25.00 m = 41.25 m²	**DSR000030625**	**DSR000030725**	**DSR000030825**	**DSR000031025**

** Subject to stock availability*

ON-SITE LINING
NGS

delifol NGS is a range of structured on-site lining, designed to meet the latest trends. This range includes plain colours and printed patterns, all of which are aesthetically pleasing and anti-slip. With delifol NGS, you can add character to your pools!

▶ DELIFOL NGS AUREASTONE

The **delifol NGS AureaStone** range offers 5 exclusive, varnished modern designs, inspired by the latest trends. These patterns can be used for the entire pool or combined with a plain colour for an incomparable look.

Price excl. VAT **45.90 €/m²**

ROLL SIZE	AureaStone Snow	 AureaStone Dune	 AureaStone Jade
1.60 x 25.00 m	**DSSA00050525**	**DSSA00050225**	**DSSA00050125**

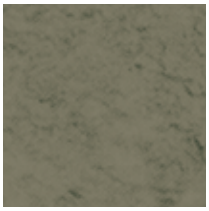
ROLL SIZE	 AureaStone Iron	 AureaStone Shadow
1.60 x 25.00 m	**DSSA00050425**	**DSSA00050325**

▶ DELIFOL NGS UNICOLOR

The **delifol NGS Unicolor** is a new range of textured membranes with a smooth 3D surface that creates a very harmonious stone effect. These membranes are non-slip and can be used throughout the entire pool or only on the stairs and shallow ends. The colours are identical to the corresponding NG colours for a perfect match. Complies with DIN EN 13451, DIN EN 15288-1 and in particular the European standard for private swimming pools DIN EN 16582-1 (5.2. Slip resistance).

Price excl. VAT **36.65 €/m²**

ROLL SIZE	White	 Sand	 Azur	 Caribic
1.60 x 5.00 m	**DSSU0004115**	**DSSU0004125**	**DSSU0004135**	**DSSU0004145**
1.60 x 25.00 m	**DSSU00041125**	**DSSU00041225**	**DSSU00041325**	**DSSU00041425**

ROLL SIZE	 Khaki	 Grey	 Concrete	 Granite
1.60 x 5.00 m	**DSSU0004165**	**DSSU0004175**	**DSSU0004185**	**DSSU0004195**
1.60 x 25.00 m	**DSSU00041625**	**DSSU00041725**	**DSSU00041825**	**DSSU00041925**

ON-SITE LINING
NGS

▶ DELIFOL NGS LIVINGSTONE

The **delifol NGS LivingStone** is a range of structured on-site lining, with 3 mineral patterns, designed to meet the latest trends. These patterns are both decorative and anti-slip.

Price excl. VAT **45.90 €/m²**

ROLL SIZE	LivingStone silver	LivingStone onyx	LivingStone gold
1.60 x 25.00 m	**DSS600040125**	**DSS600040225**	**DSS600040325**

DESIGNATION	ROLL SIZE	REF.	PRICE EXCL. VAT - €/ROLL
 delifol soldering strip Edge-to-edge welding tape (light grey + dark grey) *Can be used for seamless welding of the NGS LivingStone and NGS AureaStone designs.*	15.00 cm x 20.00 m	DSSB000400	**150.00**


LivingStone silver (NGS)


LivingStone onyx (NGS)

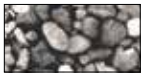
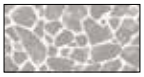
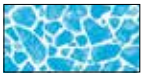

LivingStone gold (NGS)

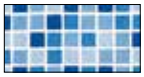
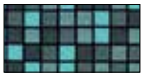
ON-SITE LINING
NGD

▶ DELIFOL NGD

The **delifol NGD** range consists of 13 different decors, with a choice of pebble, mosaic or sand effects that add personality to pools and can be combined with plain colours.

Price excl. VAT **34.49 €/m²**

ROLL SIZE	 Playa arena	 Playa volcano	 Stone anthracite	 Greystone	 Bluestone
1.65 x 25.00 m	**DSD600018225**	**DSD600018325**	**DSD600015525**	**DSD600017425**	**DSD600004325**
2.00 x 25.00 m	**DSD200028225**	**DSD200028325**	**DSD200025525**	**DSD200027425**	**DSD200004225**

ROLL SIZE	 Mosaic ocean	 Mosaic blue	 Mosaic aqua	 Mosaic orient	 Mosaic grey
1.65 x 25.00 m	**DSD600015325**	**DSD600015625**	**DSD600012725**	**DSD600015425**	**DSD600017525**
2.00 x 25.00 m	**DSD200025325**	**DSD200025625**	**DSD200012825**	**DSD200025425**	**DSD200027525**

NGC

▶ DELIFOL NGC*

4 bright colours that are unique on the market, for total customisation of the pool (reproduction of logos, pattern creations)... or for a totally distinctive pool!

Price excl. VAT **26.30 €/m²**

ROLL SIZE	 Yellow	 Red	 Marine	 Green
1.65 x 25.00 m*	**DSC6000059**	**DSC6000058**	**DSC6000056**	**DSC6000057**
2.00 x 25.00 m*	-	-	**DSC2000037**	-

** Subject to stock availability*

INFO

All of our swimming pool membranes are also available in short rolls. Please ask us about the available lengths.

ON-SITE LINING
TILE-BANDS

With delifol decorative tile-bands, enhance your personality!

Price excl. VAT	9.00 €/ml

delifol tile-bands match very easily with all the plain, decorative or structured on-site lining in the range. They are produced using delifol's exclusive PVC-on-PVC printing technology, which offers unrivalled resistance to UV and water damage, guaranteeing excellent durability over time.

As the bands are sold in rolls of 30.40 m, they can be fixed in a single piece for pools up to 10x5, avoiding unsightly cuts and seams. They are hot-welded to the existing on-site lining. This freedom of installation allows you to customize your pools. Traditionally welded at the waterline, they can also be placed in the middle or at the foot of the wall, for a guaranteed unique design effect.

HEIGHT 21.50 CM

ROLL SIZE	 Fish blue	 Fish aqua	 Fish granite
21.50 cm x 30.40 m	**DSB1000157**	**DSB1000158**	**DSB1000159**

HEIGHT 27.50 CM

ROLL SIZE	 Zen granite	 Zen terra	 Meander blue
27.50 cm x 30.40 m	**DSB7000165**	**DSB7000164**	**DSB7000160**

ROLL SIZE	 Pyramide aqua	 Pyramide granite	 Pyramide terra
27.50 cm x 30.40 m	**DSB7000162**	**DSB7000170**	**DSB7000163**

POND LINING

Natural swimming ponds.
Are you planning a swimming pond, natural pool, river, water garden, or a pond installation? Then delifol has exactly the products you need.

COLOURS	 STG Light green	 OTG Olive	 CTG Concrete	 GTG Granite	 TG Anthracite	 ATG Anthracite
ROLL SIZE	2.05 x 25.00 m	2.05 x 25.00 m	2.05 x 25.00 m	2.05 x 25.00 m	2.05 x 25.00 m	2.05 x 25.00 m
THICKNESS	150/100th	150/100th	150/100th	150/100th	120/100th	150/100th
REF.	**DTG0000055**	**DTG0000152**	**DTG0000169**	**DTG0000167**	**DTT0000053**	**DTG0000151**
PRICE EXCL. VAT €/M²	**21.28**	**21.28**	**21.28**	**21.28**	**19.16**	**21.28**



NG White



NG Sand



NGD Playa volcano

ON-SITE LINING

ACCESSORIES

► POLYESTER FLEECE

• Polyester underlay, protection and separate layer.

DESCRIPTION	WIDTH (CM)	LENGTH (M)	REF.	PRICE EXCL. VAT €/M²
Approx. weight 390 g/m², Acticide	150	50	**DZV5000150**	**5.27**
	165	50	**DZV6000091**	**5.27**
	200	50	**DZV2000090**	**5.27**
Approx. weight 560 g/m², Acticide*	200	30	**DZV2500092**	**8.73**
Approx. weight 400 g/m², No acticide for pond linings	200	25	**DZTV200114**	**4.44**

** Subject to stock availability*

► GLUE



• For polyester fleece.

CONDITIONING	REF.	PRICE € EXCL. VAT
15 kg	**DZVK000123**	**146.70**



DESCRIPTION	REF.	PRICE € EXCL. VAT
delifol spray fleece adhesive - 500 mL	**DZVK000124**	**14.50**

► SOLVENT WELDING



CONDITIONING	REF.	PRICE € EXCL. VAT
1 L	**DZQ0000075**	**26.64**

► SQUEEZE BOTTLES (FOR PVC SOLUTION)



• Price per unit.
• Sold only as PU (2 pieces).

CONDITIONING	PACK UNITS	REF.	PRICE € EXCL. VAT
0.5 L	2 pieces	**DZF0000122**	**4.22**

► PVC SOLUTION (1 L)



COLOURS	REF.	PRICE EXCL. VAT €/UNIT
Transparent	**DZLS000088**	**52.01**
Blue	**DZLS000077**	
Caribic	**DZLS000078**	
Azur	**DZLS000079**	
White	**DZLS000080**	
Sand	**DZLS000082**	
Khaki	**DZLS000180**	
Grey	**DZLS000040**	
Concrete	**DZLS000173**	
Granite	**DZLS000133**	
Black	**DZLS000081**	
Marine	**DZLS000083**	
Green*	**DZLS000085**	
Red*	**DZLS000087**	
Yellow*	**DZLS000084**	
TG / ATG Anthracite*	**DZLT000126**	
CTG Concrete	**DZLT000269**	
GTG Granite	**DZLT000168**	
STG Light green	**DZLT000086**	
OTG Olive	**DZLT000166**	
Livingstone Silver	**DZLS000401**	
Livingstone Onyx	**DZLS000402**	
Livingstone Gold	**DZLS000403**	
Aureastone Jade	**DZLS000501**	
Aureastone Dune	**DZLS000502**	
Aureastone Shadow	**DZLS000503**	
Aureastone Iron	**DZLS000504**	
Aureastone Snow	**DZLS000505**	

** Subject to stock availability*

► SILICONE



• 1 piece each 310 mL.

COLOURS	REF.	PRICE EXCL. VAT €/UNIT
Transparent*	**DZS0000280**	**27.76**
Blue	**DZS0000141**	
Caribic*	**DZS0000142**	
Azur	**DZS0000143**	
White	**DZS0000144**	
Sand	**DZS0000145**	
Grey	**DZS0000147**	
Concrete	**DZS0000273**	
Khaki*	**DZS0000279**	
Granite	**DZS0000148**	

** Subject to stock availability*

ON-SITE LINING
ACCESSORIES

► SWIMMING POOL CLEANER



Deliclean special swimming pool cleaner.
- Alkaline.
- Price per unit.
- Sold also per 1 piece.

CONDITIONING	PACK UNITS	REF.	PRICE € EXCL. VAT
1 L	12	**DZR0001108**	**12.00**
5 L	4	**DZR0001109**	**40.00**



Delicalc special swimming pool cleaner.
- Acidic.
- Price per unit.
- Sold also per 1 piece.

CONDITIONING	PACK UNITS	REF.	PRICE € EXCL. VAT
1 L	12	**DZR0000299**	**12.00**
5 L	4	**DZR0000300**	**40.00**

► PRIMER



CONDITIONING	REF.	PRICE € EXCL. VAT
250 mL	**DZP0000149**	**26.26**

► ACTICIDE



Antimicrobial agent for the pre-treatment of substrates.
- Ready to use.

CONDITIONING	REF.	PRICE € EXCL. VAT
25 L	**DZA0000131**	**46.48**

► LINER MARKING (NGT)

- Thickness: 1.20 mm.
- Colour: black.



ROLL SIZE	REF.	PRICE € EXCL. VAT
25 cm x 25 ml	**DSGT000008**	**152.28**

► HANGING STRIP

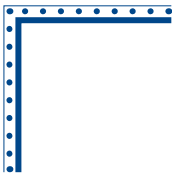
- Dimension: 9 mm x 25 ml.



CONDITIONING	REF.	PRICE € EXCL. VAT
10 pieces	**DZB0000089**	**235.56**

► COMPOUND STEEL SHEETS

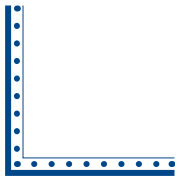
- Thickness: 1.40 mm
- Colour: Blue



Outer corner AW
50 x 50 x 2 000 mm



Outer corner AW
70 x 30 x 2 000 mm



Inner corner IW
50 x 50 x 2 000 mm
50 x 20 x 2 000 mm



Edgings RA
90 x 10 x 2 000 mm
70 x 30 x 2 000 mm



Edgings RA
50 x 10 x 2 000 mm

DESCRIPTION	DIMENSIONS	CONDITIONING	REF.	PRICE € EXCL. VAT
Outer corner	50 x 50 x 2 000 mm	6 pieces	**DZW0000104**	**90.00**
	70 x 30 x 2 000 mm	6 pieces	**DZW0000103**	**18.60**
Inner corner	50 x 50 x 2 000 mm	6 pieces	**DZW0000105**	**18.60**
	50 x 20 x 2 000 mm	6 pieces	**DZW0000305**	**18.60**
Edgings	50 x 10 x 2 000 mm	6 pieces	**DZW0000106**	**18.60**
	90 x 10 x 2 000 mm	6 pieces	**DZW0000107**	**19.50**
	70 x 30 x 2 000 mm	6 pieces	**DZW0000307**	**20.50**
Sheets	1 000 x 2 000 mm	5 pieces	**DZW0000101**	**20.50**

► STRADDLING RIVETS



CONDITIONING	REF.	PRICE € EXCL. VAT
1 box	**DZH0000111**	**28.60**

- 200 pieces per box.

ON-SITE LINING

ACCESSORIES

► DELIFOL PVC JOINING BARS



pvc-joining bar
46 mm



pvc-joining bar
33 mm

DESCRIPTION	REF.	PRICE EXCL. VAT €/UNIT
PVC-joining bar 46 mm - 2 m lenght	**DZJ0000046**	**6.90**
PVC-joining bar 33 mm - 2 m lenght	**DZJ0000033**	**7.90**

► DELIFOL PVC ANGLE



DESCRIPTION	REF.	PRICE EXCL. VAT €/UNIT
PVC-angle 50 x 50 x 2 000 mm	**DZW0000501**	**21.70**

► DELIFOL CONTACT ADHESIVE

• Contact adhesive.



CONDITIONING	REF.	PRICE EXCL. VAT €/UNIT
0.65 kg	**DZKK000030**	**30.22**
4.25 kg	**DZKK000031**	**88.24**

► DELIFOL SCREWS



DESCRIPTION	REF.	PRICE EXCL. VAT €/UNIT
Screws (incl. dowel / 100 pieces)	**DZH0000112**	**6.50**

► DELIFOL RUBBER FOR JOINING BARS



COLOURS	DIMENSION	REF.	PRICE EXCL. VAT €/UNIT
White	30 m	**DZJB000064**	**33.10**
Light Blue	30 m	**DZJB000006**	**33.10**
Grey	30 m	**DZJB000039**	**33.10**
Sand	30 m	**DZJB000060**	**33.10**
Olive Green	30 m	**DZJB000178**	**33.10**
Anthracite Grey	30 m	**DZJB000171**	**33.10**

► DELIFOL SMP ADHESIVE SEALANT SPRINT

• Fast-curing, solid-elastic adhesive and sealant with high temperature resistance based on SMP.

Contents	290 mL
Container	Cartridge
Chemical basis	Silane-modified polymer
Color	Grey
Skin information time (min. - max.)	8 mn / 12 mn
Density/condition	1.45 g/cm³/at 20 °C, EN 542
Curing speed/condition	3.5 mm/d/20 °C and 50% relative humidity
Processing temperature min./max.	0 to 40 °C
Temperature resistance min./max.	-40 to 100 °C
Tensile strength	min. 3.8 N/mm²
Combined tension and shear resistance	min. 2.3 N/mm²
Min. breaking elongation	300 %
Conditions for tensile strength	In accordance with DIN 53504
Storage life from manufacture/condition	12 months at 5 to 25 °C
Silicone-free	Yes
Solvent-free	Yes
PVC-free	Yes
Isocyanate-free	Yes



REF.	PRICE EXCL. VAT €/UNIT
DZS0000900	**19.30**



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AUTOMATIC SLATTED COVERS

DEL AUTOMATIC SLATTED COVERS

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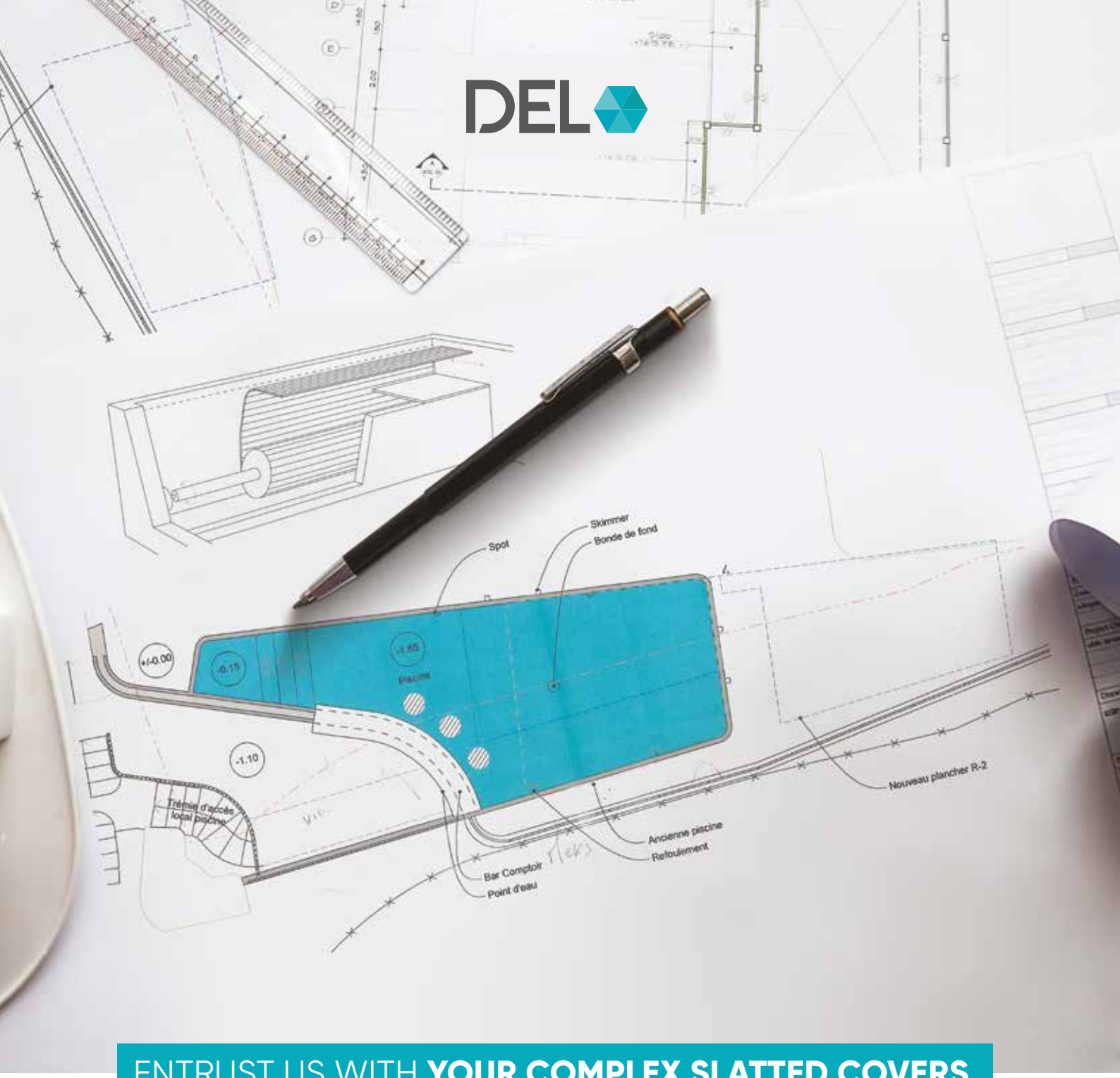
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SLATS

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p. 192 **Manual locking kits**

DEL



ENTRUST US WITH **YOUR COMPLEX SLATTED COVERS**,

OUR DESIGN OFFICE IS THERE TO HELP YOU!

You want to install one of our DEL products but your customer's pool has a non-standard configuration (shape, size, stairs...)?

Our team makes a personalised study of your work site.

Send a request to:

support@cf.group

Get a reply on the feasibility of your project within 48-hour response time.*

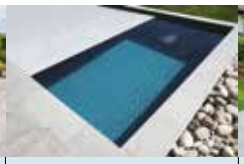
** variable depending on the study.*



a brand by **CF group**

OUR RANGE OF

IN-GROUND AUTOMATIC SLATTED COVERS



	ROLLINSIDE		ROLLFIT		ROLLENERGY EVOLUTION		ROLLIN	
POOL SIZES								
Mini./max. pool width (in m)	2.00*	10.00	2.00*	6.00	2.00*	8.00	2.00*	10.00
Mini./max. pool length (in m)	20.00	17.00	25.00	20.00	23.50	15.50	23.50	16.50
COVERS FEATURES								
Power supply	Electric		Electric		Electric		Electric	
Motorisation	Tubular or in a dry pit		Tubular or in a dry pit		Tubular		In a dry pit	
Control	• Wi-Key (radiofrequency) • Key switch button • LivePool (option)		• Wi-Key (radiofrequency) • Key switch button • LivePool (option)		• Wi-Key (radiofrequency) • Key switch button • LivePool (option)		• Wi-Key (radiofrequency) • Key switch button • LivePool (option)	
End-of-runs	Mechanical or electronic depending on reel systems		Mechanical or electronic depending on reel systems		Electronic		Mechanical or electronic depending on reel systems	
Automatic stop	✓		✓		✓		✓	
Decking	Under water		Under water		Above water		Above water	
Decking type	• With factory covering • Ceramic stoneware • PVC to be covered • PVC • Aluminium to be tiled		• PVC to be covered		• IPE wood (Class IV) • Aluminium		• IPE wood (Class IV) • Aluminium	
Separating wall	✓		✓		✓		✓	
Securiwall compatibility	✗		✗		✓		✓	
CONNECTABILITIES								
Stop Flow/Go Flow system (filtration control)	✓		✓		✓		✓	
Stop Salt (electrolysis control)	✓		✓		✓		✓	
SLATS								
Opaque polycarbonate NEW	✓		✓		✓		✓	
Solar polycarbonate	✓		✓		✓		✓	
Opaque PVC 84	✓		✓		✓		✓	
Opaque PVC 69	✓		✓		✓		✓	
SERVICES								
Speedy Slatted Cover**	✓		✓		✓		✓	
WARRANTIES								
Reel system and control unit warranty	2 years WARRANTY		2 years WARRANTY		2 years WARRANTY		2 years WARRANTY	
Motor warranty	5 years WARRANTY TUBULAR MOTOR	3 years WARRANTY DRY PIT MOTOR	5 years WARRANTY TUBULAR MOTOR	3 years WARRANTY DRY PIT MOTOR	5 years WARRANTY		3 years WARRANTY	

* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).

** Speedy Slatted Cover: high speed manufacturing service not available for covers ≥ 6.00 m, Rollover, CF Alu Serie, Moove'O, blue PVC slats and coloured solar polycarbonate slats, non-standard decking, ceramic stoneware, with factory covering and wooden crates. See p. 511.

OUR RANGE OF

ABOVE-GROUND SLATTED COVERS






	TIXIT		CONTURA		MOON		PURE SERIE	
	DELTA		DELTA		DELTA		DELTA	
POOL SIZES								
Mini./max. pool width (in m)	2.00*	5.00	2.00*	10.00	2.00*	5.00	2.00	5.00
Mini./max. pool length (in m)	15.50	13.50	28.50	20.50	15.50	13.50	15.50	13.50
COVERS FEATURES								
Power supply	Electric or solar		Electric or solar		Electric or solar		Electric	
Control	• Wi-Key (radiofrequency) • Key switch button • LivePool (option)**		• Wi-Key (radiofrequency) • Key switch button • LivePool (option)**		• Wi-Key (radiofrequency) • Key switch button • LivePool (option)**		• Wi-Key (radiofrequency) • Key switch button	
End-stands colour	White, Grey, Black		Metallic grey		Champagne grey, Ice white or other RAL on request		White, Light grey, Anthracite grey	
Casing	✗		✗		✗		✗	
Type of casing	✗		✗		✗		✗	
End-of-runs	Mechanical		Mechanical or electronic		Mechanical		Mechanical	
Automatic stop	✓ option		✓ option		✓ option		✓ option	
CONNECTABILITY								
Stop Salt (electrolysis control) *for electric version only*	✓ option		✓ option		✓ option		✓ option	
SLATS								
Opaque polycarbonate NEW	✓****		✓****		✓****		✓****	
Solar polycarbonate	✓		✓		✓		✓	
Opaque PVC 84	✓		✓		✓		✓	
Opaque PVC 69	✓		✓		✓		✓	
SERVICES								
Speedy Slatted Cover* **	✓		✓		✓		✓	
WARRANTIES								
Reel system and control unit warranty	2 years WARRANTY		2 years WARRANTY		2 years WARRANTY		2 years WARRANTY	
Motor warranty	3 years WARRANTY		3 years WARRANTY		3 years WARRANTY		3 years WARRANTY	

* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).
** Not for solar version.
*** Speedy Slatted Cover: high speed manufacturing service not available for covers ≥ 6.00 m, Rollover, CF Alu Serie, Moove'O, blue PVC, opaque polycarbonate, coloured solar polycarbonate slats, non standard and ceramic stoneware and factory covered deckings, wooden crates. See p. 511.
**** For colour nordic white only.

OUR RANGE OF

ABOVE-GROUND AND MOBILE SLATTED COVERS





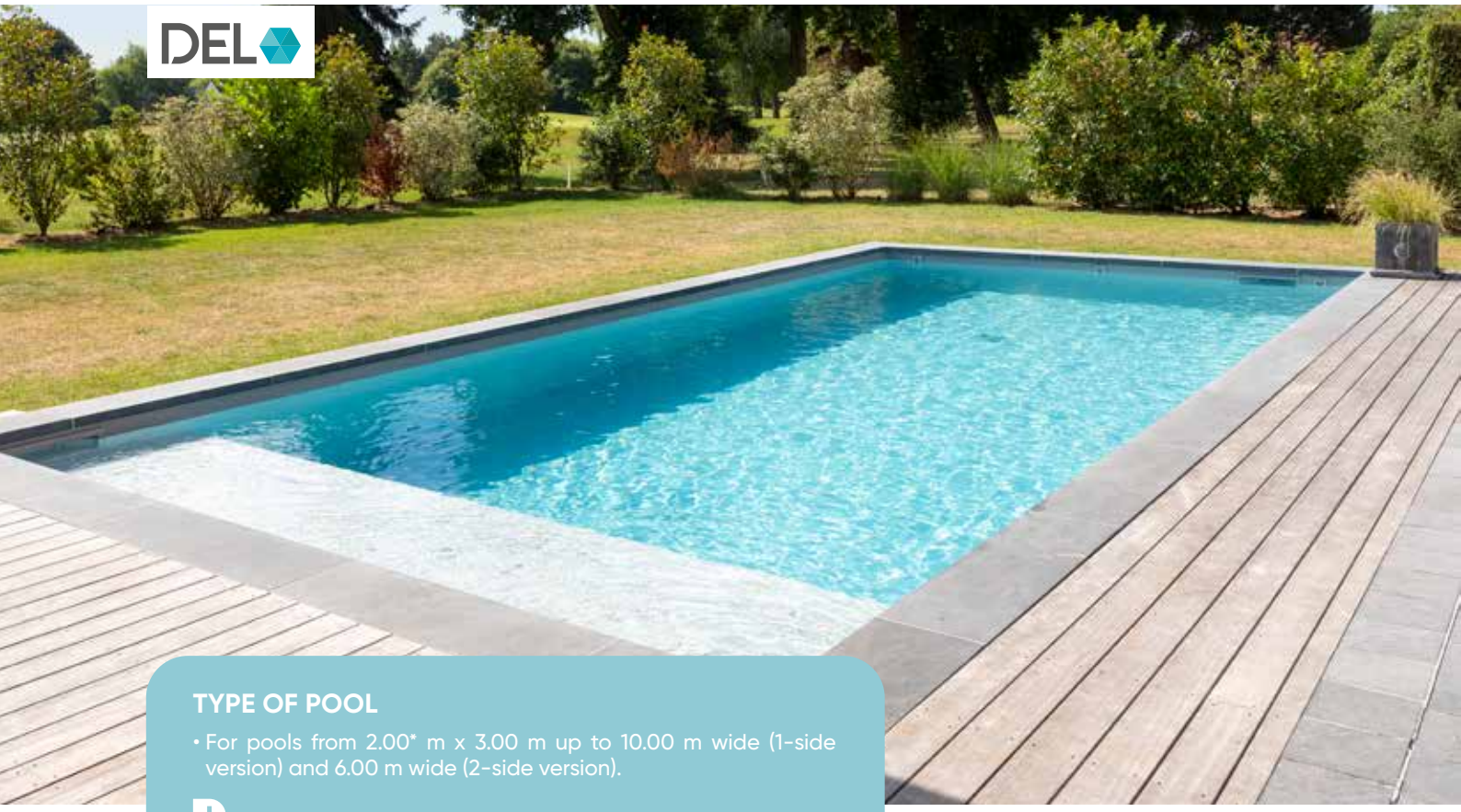

	ROLLEASY 2		CF ALU SERIE		ROLLOVER		MOOVE'O	
POOL SIZES								
Mini./max. pool width (in m)	2.00*	8.00	2.00	4.50	2.00*	6.00	2.00*	5.00
Mini./max. pool length (in m)	21.50	14.00	9.00	9.00	14.00	14.00	12.00	11.00
COVER FEATURES								
Power supply	Manual, electric or solar		Electric		Electric or solar		Solar	
Control	• Key switch button on the end-stand • LivePool (option)**		• Key switch button • LivePool (option)		• Wi-Key (radiofrequency) • Key switch button • LivePool (option)**		• Key switch button	
End-stands colour	White + selection of 5 RAL		Textured grey		-		White, Beige or Grey	
Casing	✗		✗		✓		✗	
Type of casing	✗		✗		IPE wood or white PVC		✗	
End-of-runs	Mechanical		Mechanical		Mechanical		Mechanical	
Automatic stop	✗		✓ option		✓ option		✗	
CONNECTABILITY								
Stop Salt (electrolysis control) *for electric version only*	✓ option		✓ option		✓ option		✗	
SLATS								
Opaque polycarbonate NEW	✓****		✗		✓****		✓****	
Solar polycarbonate	✓		✗		✓		✓	
Opaque PVC 84	✓		✗		✓		✓	
Opaque PVC 69	✓		✓		✓		✓	
SERVICES								
Speedy Slatted Cover* **	✓		✗		✗		✗	
WARRANTIES								
Reel system and control unit warranty	2 years WARRANTY		2 years WARRANTY		2 years WARRANTY		2 years WARRANTY	
Motor warranty	2 years WARRANTY		2 years WARRANTY		3 years WARRANTY		3 years WARRANTY	

* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).
** Not for solar version
*** Speedy Slatted Cover: high speed manufacturing service not available for covers ≥ 6.00 m, Rollover, CF Alu Serie, Moove'O, blue PVC, opaque polycarbonate, coloured solar polycarbonate slats, non standard and ceramic stoneware and factory covered deckings, wooden crates. See p. 511.
**** For colour nordic white only.

IN-GROUND AUTOMATIC SLATTED COVERS

ROLLINSIDE

The most discreet in-ground automatic slatted cover that adapts to any configuration



TYPE OF POOL

- For pools from 2.00* m x 3.00 m up to 10.00 m wide (1-side version) and 6.00 m wide (2-side version).

PRODUCT BONUS

+ Rolling pit frees up the entire water surface.
+ Aesthetic and discreet with various and exclusive covering solutions.
+ Can be installed on any type of structure.

SUITABLE TO DIFFERENT CONFIGURATIONS

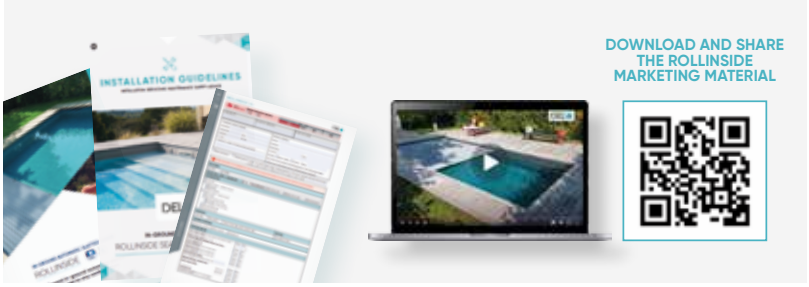
- The Rollinside concept comes in 2 versions:
  - 1-side covering (horizontal).
  - 2-side covering (vertical and horizontal).

4 MOTOR POWERS: 120, 250, 500 AND 750 Nm

- Quality of motor cables: flexible and robust**.
- Stronger, lightning-resistant end-of-runs sensors***.
- Simplified end-of-runs sensor wiring: reversible wires (no polarity)**.

PRICES: Find all detailed prices on page 77 to 83.

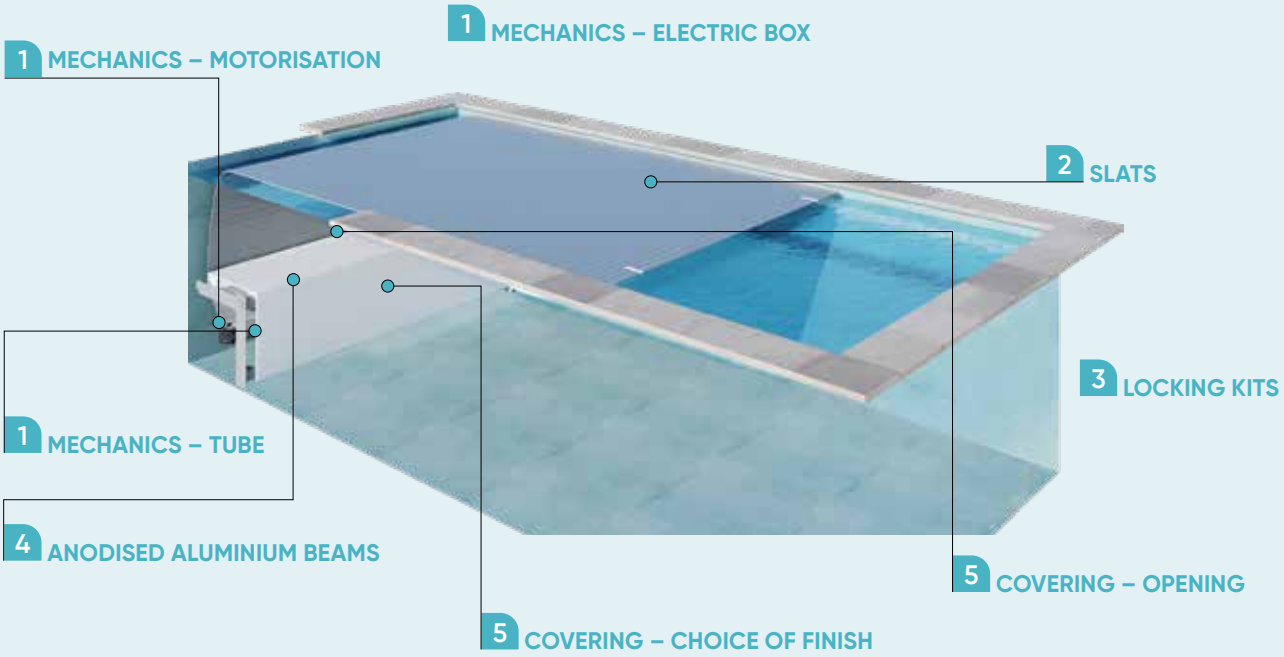
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).
** Not for 750 Nm tubular motors, 500 and 750 Nm dry pit motors.
*** Not for 750 NM tubular motor.



DOWNLOAD AND SHARE THE ROLLINSIDE MARKETING MATERIAL



MADE IN FRANCE | CF TRUST PRODUCT | LivePool COMPATIBLE | 2 years WARRANTY REEL SYSTEM | 5 years WARRANTY TUBULAR MOTOR | 3 years WARRANTY DRY PIT MOTOR | NF P NORM 90-308 SAFETY



Please find the details of each numbered item on the next page.



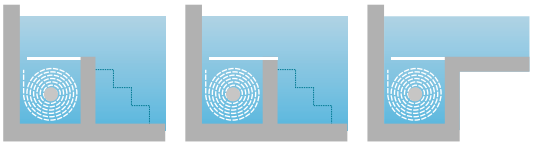




CUSTOMISE YOUR ROLLINSIDE

STEP 0 : CONFIGURATION CHOICE

1-SIDE COVERING



2-SIDE COVERING



STEP 1 : MECHANICS

Rollinside installation is ideally managed in two phases:
- The first one is to prepare the pool structure to be ready for reel system mounting: ordering and installing wall fixations.
- The second one is to order the full Rollinside by mentionning what type of preparation have been made. Mechanic of reel system will be delivered with the screws appropriated to the wall fixations preparation.

MOTORISATION:

- 2 types of motorisation: tubular in the tube or dry pit, and a wide range of wall-mounting options to adapt to every pool (see page 69-70).
- The required power depends on the pool's dimensions and its depth: 120, 250, 500 or 750 Nm.
- Motors have automatic end-of-runs using an internal sensor and electronical counting (excluding the dry pit version of 120 and 250 Nm which has mechanical systems with setup in the motor).
- Controlled by key switch, insert mount key switch (indoor use), Wi-Key or LivePool Cover (option).



Key switch



Insert mount key switch (indoor use)



Wi-Key



LivePool Cover (option, cf. p. 83)

TUBE:

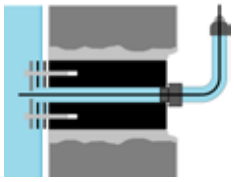
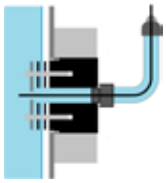
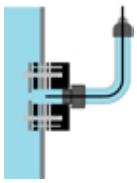
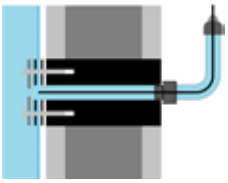
- 20-micron anodised aluminium.

ELECTRIC BOX:

- Motor anti-blocking safety feature: stops the opening when abnormal force is detected on the cover, particularly if the safety kits are not unlocked.
- Can be connected to multiple control devices.
- Large boxes for easy wiring and diagnostics.
- Connected to other equipment:
  - Stop/Go Flow: when the cover is operated, filtration is stopped to prevent cover disturbances caused by water circulation.
  - Stop Salt: informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).
  - The Stop Salt and Stop Flow functions can be used to control other pool equipment (e.g. lighting).
- Electronic limit switches:
  - Integrated diagnostic aid with default display.
  - Independent management of opening and closing limit switches to facilitate adjustment operations.
  - New motor anti-blocking safety feature: improved sensitivity and active during opening and closing.
- Mechanical limit switch motors:
  - Robust electromechanical control box that can be repaired using numerous spare parts.
  - Resettable electrical protections.

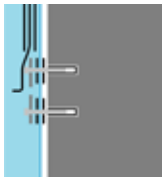
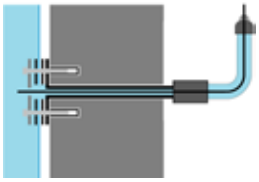
IN-GROUND AUTOMATIC COVER / ROLLINSIDE / FOCUS ON WALL FIXATION

▶ WALL FIXATION SELECTOR GUIDE:

TYPE OF ROLLINSIDE MECHANIC		TUBULAR MOTORS			
		INSERT MOUNT FIXING			
Solution for		Traditional pool	Thin walls with liner	Thin walls without liner	Polystyrene blocks
Structure		Traditional concrete	• Sheet metal • Thin panels	• Polyester shells • Solid PP or PE panels • Stainless steel and glass	• CF Block • Others EPS blocks
Inside finish compatible		• PVC liners (on-site lining, liner) • All standard finishes such as tiles and topcoatings	PVC liners (on-site lining, liner)	Pre-fab watertight shells	PVC liners (on-site lining, liner)
					
Installation recommendation		• Seal wall units in concrete. • Location according to installation diagram. • Use supplied adhesive seals. • Ready for lag screws delivered with mechanic.	• Mount wall units on panels and pour in concrete from ground side of panels. • Location according to installation diagram. • Use supplied adhesive seals. • Ready for lag screws delivered with mechanic.	• Mount wall units system on structure. • Location according to installation diagram. • Use supplied adhesive seals. • If needed reinforce the wall close to wall units. • Ready for lag screws delivered with mechanic.	• Cut blocks and install units in blocks before pouring in concrete. • Location according to installation diagram. • Use supplied adhesive seals. • Ready for lag screws delivered with mechanic.
		See p. 400 of technical leaflet.	See p. 400 of technical leaflet.	See p. 401 of technical leaflet.	See p. 402 of technical leaflet.
Wall fixation references	**Full kit**	**W-KPSC04100**	**W-KPSC03101**	• For wall 0-21 mm: **W-KPSC03100** • For wall 21-40 mm: **W-KPSC03103**	**W-KPSC03102**
	Only motor side	**P-KPSC04300**	**P-KPSC03301**	• For wall 0-21 mm: **P-KPSC03300** • For wall 21-40 mm: **P-KPSC03303**	**P-KPSC03302**
	Only free side	**P-KPSC04200***	**P-KPSC03201***	• For wall 0-21 mm: **P-KPSC03200** • For wall 21-40 mm: **P-KPSC03203**	**P-KPSC03202***
	Useful to add if not ordered as full kit	Flextube Ø 32 for motor side cable	Flextube Ø 32 for motor side cable	Flextube Ø 32 for motor side cable	Flextube Ø 32 for motor side cable

* Usual installation case if not ordered:
- The motor side is pre-equiped as standard, allowing ideal motor cable management.
- The free side is fixed to the wall later, with wall plugs supplied by the installer (for lag screws Ø 8 mm supplied with the mechanic), it allows easier positionning ajustment to get an perfect installation.

IN-GROUND AUTOMATIC COVER / ROLLINSIDE / FOCUS ON WALL FIXATION

TYPE OF ROLLINSIDE MECHANIC		TUBULAR MOTORS		DRY PIT MOTOR
		SURFACE MOUNT FIXING	WALL CROSSING NEW	INSERT MOUNT FIXING
Solution for		Traditional pool	Traditional pool	Traditional pool
Structure		Traditional concrete	Traditional concrete	Traditional concrete
Inside finish compatible		• PVC liners (on-site lining, liner) • All standard finishes such as tiles and topcoatings	• PVC liners (on-site lining, liner) • All standard finishes such as tiles and topcoatings	• PVC liners (on-site lining, liner) • All standard finishes such as tiles and topcoatings
Installation recommendation		 • Drill concrete and seal the resin bonded socket. • Location according to installation diagram. • Use supplied adhesive seals. • Ready for metric screws delivered with mechanic. See p. 403 of technical leaflet.	 • Drill concrete, install the wall feed-through and seal the sockets with chemical sealant, following the installation diagrams. • Use the watertight connector supplied for the cable outlet to the Ø 32 pipe. • Use supplied adhesive seals. • Ready for metric screws delivered with mechanic. See p. 403 of technical leaflet.	 • Seal wall units in concrete. • Location according to installation diagram. • Use supplied adhesive seals. • Refer to wall unit dimension choice huide. • Ready for lag screws delivered with mechanic and motor shaft. See p. 403 of technical leaflet.
Wall fixation references	**Full kit**	**P-KPSC02105**	**W-KPSC04105**	For wall 17-26 cm: • Ø 30 mm for rolling tubes Ø 140-170-180 mm: **W-KPSC02100** • Ø 45 mm for rolling tubes Ø 250 mm: **W-KPSC02101** Available for others wall thickness, see spare parts catalogue
	Only motor side	Motor side and free side systems are similar and included in the full kit	Full kit non-separable, if needed refer to "useful to add if not ordered as full kit" and manage a specific order	For wall 17-26 cm: • for rolling tubes Ø 140-170-180 mm: **P-KPSC02300** • for rolling tubes Ø 250 mm: **P-KPSC02301** Available for others wall thickness, see spare parts catalogue
	Only free side	Motor side and free side systems are similar and included in the full kit	Full kit non-separable, if needed refer to "useful to add if not ordered as full kit" and manage a specific order	For wall 17-26 cm: • for rolling tubes Ø 140-170-180 mm: **P-KPS02200** • for rolling tubes Ø 250 mm: **P-KPSC02201** Available for others wall thickness, see spare parts catalogue*
	Useful to add if not ordered as full kit	• Stainless steel M8 socket: **A-VFCH20800** (x3 per side) • Bonding resin: **A-VFCH20000** (150 lm x1 per side) • Cable protection is delivered with mechanic	• Wall feed-through and watertight connection: **P-KKIT03104** (x1 for motor side) • Stainless steel M8 socket: **A-VFCH20800** (x3 per side) • Bonding resin: **A-VFCH20000** (150 lm x1 per side) • Flextube Ø 32 for motor side cable	Seals and gasket for motor side, for all walls: • for rolling tubes Ø 140-170-180 mm: **P-KSAC03200** • for rolling tubes Ø 250 mm: **P-KSAC03201** Available for others wall thickness, see spare parts catalogue

* Usual installation case if not ordered:
- The motor side is pre-equiped as standard, allowing ideal motor cable management.
- The free side is fixed to the wall later, with wall plugs supplied by the installer (for lag screws Ø 8 mm supplied with the mechanic), it allows easier positionning ajustment to get an perfect installation.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
2 colours available





• **Solar polycarbonate slats** (See p. 182)
7 colours available



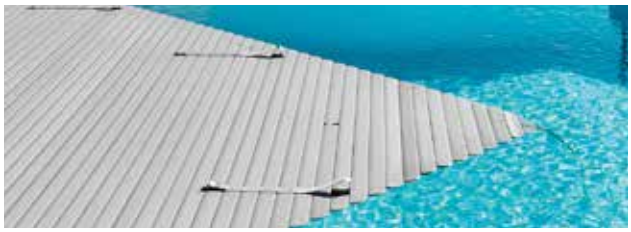


• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





STEP 3 : LOCKING KITS

• **Pushlock** (See p. 192)
6 colours available



4 types of fixation are available:


Surface mount


Insert mount


Hanging mount


High hanging mount

STEP 4 : BEAMS

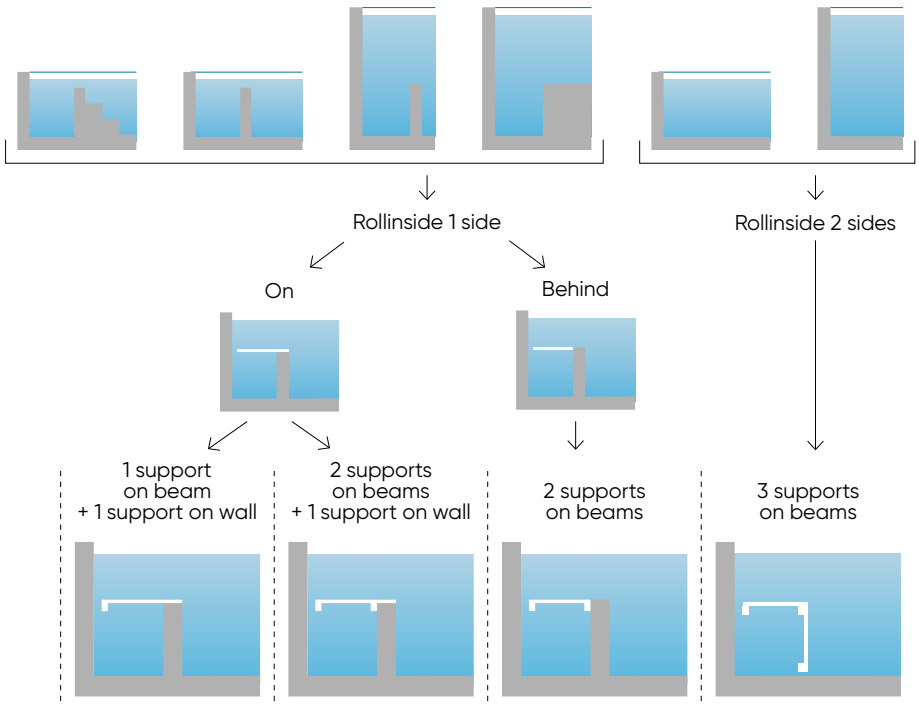
• 20-micron anodised aluminium, dimension: 150 x 100 mm.
• 1-side version: 1 or 2 beams in the upper part.
• 2-side version: 3 beams of which 2 in the upper part and 1 in the lower part to keep the decking vertical.
• Different types of wall fixings to adapt to every project.
• Special profile shape including a groove to snap the deckings.

IN-GROUND AUTOMATIC COVER / ROLLINSIDE

Rollinside includes a submerged decking composed of beam(s) as structure and decking elements to hide the reel system.

Several configurations are possible, the below selection guide explains:
- How to select the appropriate version for a given pool.
- What are the decking materials compatible with this version.
- How to calculate pricing.

BEAM SELECTOR GUIDE



STEP 5 : COVERING

Decking installation possibilities for each decking material	**Decking materials**	Ceramic stoneware NEW	✓	Not available as standard*	✓	Not available as standard*
		With factory covering NEW	Not available as standard*	✓	✓	✓
		PVC to be covered	Not available as standard*	✓	✓	✓
		Aluminium to be tiled	Not available as standard*	✓	✓	Not available as standard*
		PVC	Not available as standard*	Not available as standard*	✓	✓
	Option	Support with load strut	✓	✓	✓	Not available as standard*

* Not available as standard for reasons of NF P90-308 standard, size and decking strength. Please contact us for plans that take these constraints into account.

DECKING PRICES AND CONDITIONS FOR EACH ON MATERIALS AND DIMENSION

Decking element size			< 75 cm	= 75 cm	75-90 cm	91-100 cm	101-120 cm
Decking materials	Ceramic stoneware		**See price €/lm p. 74**		**See price €/lm p. 74**		
	With factory covering		**775.00 €/element**	**749.00 €/element**	**798.00 €/element**		**988.00 €/element**
	PVC to be covered		**429.00 €/element**	**398.00 €/element**	**449.00 €/element**		**598.00 €/element**
	Aluminium to be tiled		**591.00 €/m²**	**433.00 €/element**	**591.00 €/m²**		**750.00 €/m²**
	PVC		**368.00 €/element**	**317.00 €/element**	Not available as standard		
Correspondence with Rollinside pit inner dimension	In the pit. Behind the separating wall.		< 82 cm	Std 82 cm	82-97 cm	98-107 cm	108-127 cm
	On the separating wall. Example for a 25 cm wall.		< 57 cm	57 cm	57-72 cm	73-82 cm	83-102 cm

IN-GROUND AUTOMATIC COVER / ROLLINSIDE / FOCUS ON DECKING

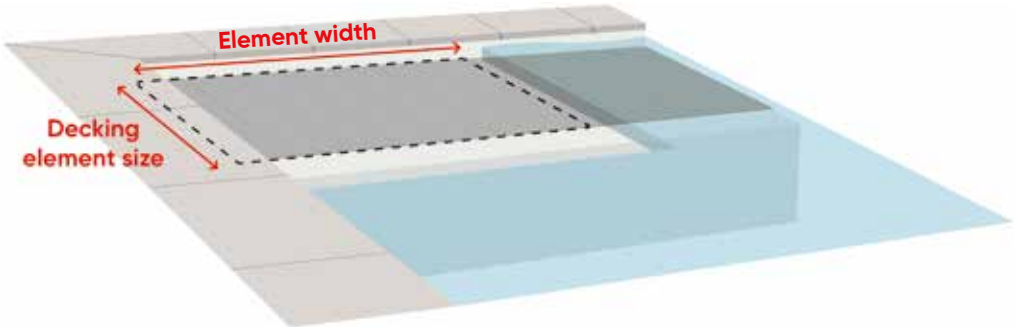
OPENING:

- Pool with radius < 5 cm: 7 cm opening.
- Pool with radius from 5 to 15 cm: 5 cm opening (with the option profile for rounded corners).

CHOICE OF FINISH:

Our range of decking for Rollinside:
- Decking with factory covering (see below).
- Ceramic stoneware (see page 74).
- PVC decking to be covered by yourself (see page 75).
- Aluminium decking to be tiled (see page 75).
- PVC decking (see page 75).

- Decking are fixed to the beams with clips (patented).
- For other types of finishes, please consult the technical department for Rollinside structure compatibility.

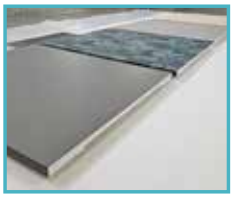


▶ DECKING WITH FACTORY COVERING NEW

An ideal solution with no constraints

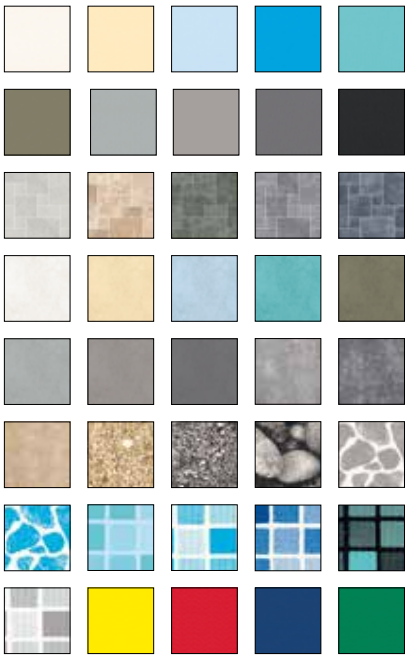
PRODUCT

+ Perfect match with the pool coating.
+ Very wide range of possible finishes.
+ Exceptional build quality.
+ Exclusive CF group solution.



COLOURS

DELIFOL



AVAILABILITY

- With all delifol on-site lining: plain and printed, smooth and textured.
- Standard decking 75 x 100 cm but also made-to-measure.
- Rollinside 1 and 2 sides.
- Covering realised on PVC decking, see PVC decking to be covered for details such as dimensions.

DEL SIMPLIFIES YOUR PROJECTS

- A unique and exclusive solution with decking delivered ready to install:
  - Decking with factory covering realied in a controlled atmosphere.
  - Full-surface gluing of the on-site lining.
  - The entire surface is held under pressure for a long time.
  - Covering returns on the front edge and on the edge facing the opening.
  - Adjustment to the width of the pool.
  - Fitted with clips for easy mounting on Rollinside beams.
  - Exceptional performance proven by 2 years' testing in real-life conditions and in aggressive environment and a full season of sales with only positive customers feedback.
  - Guaranteed bubble-free (3-year guarantee).
  - Safety for pool users: we recommend the use of an anti-slip on-site lining.

▶ CERAMIC STONEWARE NEW

The on-trend Rollinside cover solution

PRODUCT

+ Wide range of looks and textures.
+ A textured material for aesthetic design and a non-slip effect.

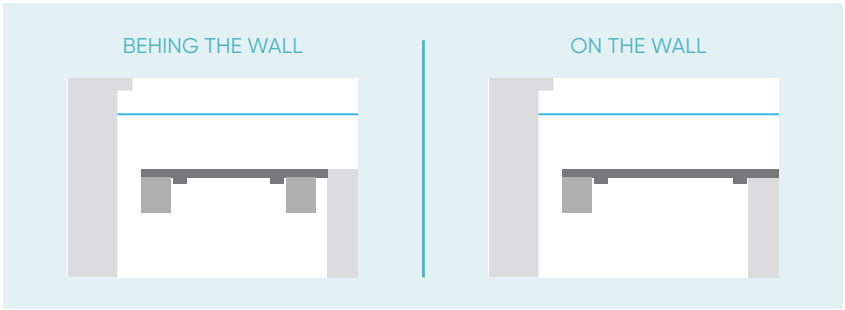


COLOURS



EXCLUSIVELY COMPATIBLE WITH ROLLINSIDE 1 SIDE

- On standard or non-standard pit.
- Installation on or behind the wall, possible with liner.
- Complies with NF P90-308.
- 2 installation options:



SPECIFICATIONS

- Material: ceramic stoneware (20 mm thick).
- Mounting on Rollinside beams: with pre-assembled adjustable stop blocks. Deckings are supplied with protective strips for contact with the beams and/or wall.
- Weight: 44 kg/m².
- Ceramic stoneware deckings are supplied made-to-measure, based on 2 formats: < 90 cm, < 120 cm, in 30, 45 or 60 cm modules depending on colour.
- Safety of pool users: non-slip textures in compliance with EN 16582-1:
  - DIN 51130 (shod feet): R11
  - DIN 51097 (barefoot): class A, B and C

All decking colours are slip-resistant. Beige and light grey have a more pronounced texture, while the other colours have a softer grain.

PRICE AND ORDERING

For pools from 4.50 m in width, with a standard pit, an intermediate beam(s) support is required to support the weight of all slabs and users. From 8.00 m, 2 supports are required. See table p. 407 for detailed dimensioning.

▶ INTERMEDIATE SUPPORT



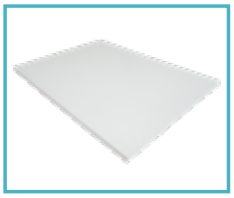
COLOURS	DECKING DIMENSION	PRICE €/LM
 Beige  Light grey	30 to 90 cm	**380.00**
	91 to 120 cm	**498.00**
 Granito  Travertin  Anthracite  Polished concrete	30 to 90 cm	**420.00**
	91 to 120 cm	**498.00**
 Wood	30 to 120 cm	**560.00**
 Black	30 to 120 cm	**618.00**

Example of price: Light grey 75 cm on a 3.88 m pool: 380.00 €/lm x 3.88 lm = 1 474.40 €.

Non-contractual colour images.

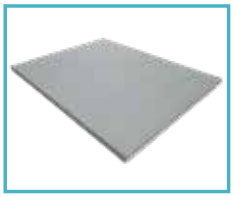
IN-GROUND AUTOMATIC COVER / ROLLINSIDE / FOCUS ON DECKING

▶ PVC DECKING TO BE COVERED



- Material: solid PVC.
- Decking to be covered by yourself with on-site lining, 20 mm thick PVC.
- PVC decking to be covered for standard pits (see p. 406): 1.00 x 0.75 m elements.
- PVC decking to be covered for non-standard pits:
  - Custom-made deckings available for pits smaller than our standards.
  - For pits bigger than our standards, possibility to have up to a maximum of 1.20 m element, please contact us.
  - Decking size < 0.75 m: element width of 1.00 m.
  - Decking size between 0.76 m and 1.00 m: element width of 0.75 m.
  - Decking size between 1.00 and 1.20 m: element width of 1.00 m.
- Safety of pool users: we recommend the use of an anti-slip on-site lining.

▶ ALUMINIUM DECKING TO BE TILED (ONLY FOR ROLLINSIDE 1 FACE)



- Aluminium decking to be tiled for standard pits (see p. 406): 1.00 x 0.75 m elements.
- Aluminium decking to be tiled for non-standards pits:
  - Custom-made deckings available for pits smaller than our standards.
  - For pits bigger than our standards, possibility to have up to a maximum of 1.20 m element, please contact us.
- Safety of pool users: depends on the tile material used.
  Check that the chosen material complies with the EN 16582-1.

▶ PVC DECKING



- Material: hollow grooved PVC.
- Available in 3 colours: white, beige, grey.
- PVC decking for standard pits (see p. 406): 1.00 x 0.75 m elements.
- PVC decking for non-standard pits:
  - Custom-made deckings available for pits smaller than our standards.
  - For pits bigger: decking unvailable.
- Safety of pool users: Class A (according to EN 16165) - in accordance with EN 16582-1.

INFO

- Do not run, walk carefully, as the surface of the decking can become slippery if it is not maintained properly.
- Take care to clean the decking regularly so that the surface does not become slippery.
- If the decking becomes slippery, remove it and clean it mechanically.

PRO HINT

In 1st step configuration where the decking serves as a means of access to the pool (means of access less than 60 cm):
- It is necessary to use a non-slip covering.
- It is recommended to clean the decking regularly and to be vigilant when entering the water.

STEP 6 : PACKING

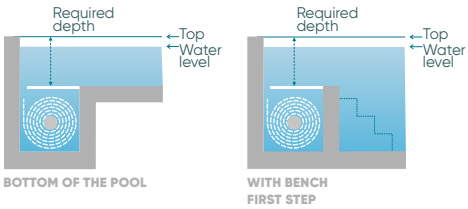
See next page.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE 1 SIDE

ROLLINSIDE 1 SIDE

HOW TO CALCULATE THE TOTAL PRICE:

1 + 2 + 3 + 4 + 5 + 6



SCAN FOR QUICK CALCULATION

How to define the required motor power and tube diameter:

a - Identify the pool width and length.

b - Identify the depth between the pool edge and the top side of the decking.

→ You get the required motor power and tube diameter.

EXAMPLE:

4.5 X 10.5 M POOL:

a - Consider: width 5.00 m and length 11.00 m.

b - The depth between the pool edge and the top decking can be < 0.55 m or between 0.55 m and 1.34 m or between 1.34 m and 2.18 m.

→ The pool is 1.70 m deep: 750 Nm motor, Ø 140 mm tube.

Length of the pool (including stairs)	POOL WIDTH (M)												Depth of the reel system
	2.00 m			2.50 m			3.00 m			3.50 m			
4.00 m	1.62	3.45	-	1.24	2.68	-	1.00	1.96	2.10	0.79	1.83	3.37	-
5.00 m	1.45	3.10	-	1.10	2.41	-	0.89	1.76	2.10	0.69	1.64	3.00	-
6.00 m	1.32	2.86	-	0.99	2.22	-	0.79	1.60	2.10	0.61	1.48	2.79	-
7.00 m	1.21	2.65	-	0.90	2.00	-	0.72	1.47	2.10	0.55	1.36	2.59	-
8.00 m	1.12	2.48	-	0.83	1.90	3.50	0.66	1.37	2.10	0.50	1.27	2.42	-
9.00 m	1.05	2.31	-	0.77	1.80	3.30	0.61	1.28	2.10	0.45	1.19	2.28	-
10.00 m	0.98	2.20	-	0.72	1.70	3.13	0.56	1.20	2.10	0.42	1.10	2.15	-
11.00 m	0.93	2.10	-	0.67	1.61	3.00	0.52	1.14	2.10	0.38	1.05	2.00	-
12.00 m	0.88	2.00	-	0.63	1.52	2.87	0.49	1.08	2.10	0.36	0.99	1.94	3.10
13.00 m	0.83	1.90	3.53	0.59	1.46	2.73	0.46	1.03	2.10	0.33	0.95	1.86	2.97
14.00 m	0.79	1.82	3.39	0.57	1.40	2.65	0.43	0.98	2.10	0.31	0.90	1.79	2.86
15.00 m	0.76	1.77	3.25	0.53	1.35	2.55	0.41	0.94	2.09	0.29	0.86	1.72	2.76
16.00 m	0.72	1.70	3.17	0.51	1.30	2.46	0.39	0.90	2.02	0.27	0.83	1.66	2.66
17.00 m	0.69	1.65	3.07	0.48	1.25	2.39	0.36	0.86	1.95	0.25	0.80	1.61	2.58
18.00 m	0.67	1.59	2.98	0.46	1.20	2.30	0.35	0.83	1.89	0.23	0.77	1.56	2.50
19.00 m	0.64	1.54	2.90	0.44	1.16	2.25	0.33	0.80	1.83	0.22	0.74	1.50	2.43
20.00 m	0.62	1.49	2.81	0.43	1.13	2.18	0.31	0.78	1.78	0.20	0.71	1.45	2.36
MOTOR Nm	120	250	500	120	250	500	120	250	500	120	250	500	750
TUBE mm	140	140	140	140	140	140	140	140	140	140	140	140	140
SHAFT Ø	30 mm												

* The in-ground tubular motor surface mount fixing version requires solid concrete at the fixing points.

Length of the pool (including stairs)	POOL WIDTH (M)								Depth of the reel system
	4.00 m				4.50 m				
4.00 m	0.67	1.38	2.10	4.50*	-	-	-	-	
5.00 m	0.58	1.23	2.10	4.10*	0.46	1.20	2.29	3.61	
6.00 m	0.51	1.11	2.10	3.70*	0.40	1.08	2.10	3.30	
7.00 m	0.45	1.02	2.10	3.50*	0.35	1.00	1.94	3.00	
8.00 m	0.41	0.94	2.09	3.30*	0.31	0.92	1.81	2.86	
9.00 m	0.37	0.87	1.97	3.10*	0.28	0.85	1.70	2.71	
10.00 m	0.34	0.82	1.86	2.95*	0.25	0.79	1.60	2.57	
11.00 m	0.31	0.77	1.76	2.81*	0.22	0.75	1.52	2.44	
12.00 m	0.28	0.72	1.68	2.69*	0.20	0.70	1.44	2.33	
13.00 m	0.26	0.69	1.61	2.57*	0.18	0.66	1.38	2.22	
14.00 m	0.24	0.65	1.54	2.48*	0.16	0.63	1.32	2.15	
15.00 m	0.22	0.62	1.48	2.39*	0.15	0.60	1.27	2.06	
16.00 m	0.20	0.59	1.43	2.30*	-	0.57	1.22	2.00	
17.00 m	-	0.56	1.38	2.23*	-	0.54	1.17	1.93	
18.00 m	-	0.54	1.33	2.16*	-	0.52	1.13	1.87	
19.00 m	-	0.52	1.29	2.10*	-	0.50	1.10	1.80	
20.00 m	-	0.50	1.25	2.00*	-	0.48	1.06	1.76	
MOTOR Nm	120	250	500	750	120	250	500	750	
TUBE mm	140	140	140	140	140	140	140	140	
SHAFT Ø	30 mm								

* The in-ground tubular motor surface mount fixing version requires solid concrete at the fixing points.

INFO

The automatic cover opening and closing time depends on its depth, length and width.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE 1 SIDE PRICES

POOL WIDTH (up to...m)		2.00	2.50	3.00	3.50	4.00	4.50
POOL LENGTH MAX (stairs included in m)		20.00	20.00	20.00	20.00	20.00	20.00
1 Mechanics: wall units or sealing kits, tube, motor and control box SELECT YOUR MOTOR POWER AND TYPE OF TUBE IN THE CHART P. 78, AND CONSULT P. 69-70 TO SELECT THE WALL FIXING.							
WALL UNITS KIT FOR DRY PIT VERSION:							
Standard Ø 30 mm	W-KPSC02100			340.00			
Standard Ø 45 mm	W-KPSC02101			550.00			
Non standard Ø 30 mm lg max. 300 mm	W-KPSC02105			440.00			
WALL UNITS KIT FOR TUBULAR MOTOR INSERT MOUNT VERSION:							
Standard (Traditional concrete)	W-KPSC04100			340.00			
For thin wall without liner	W-KPSC03100			322.00			
For thin wall with liner	W-KPSC03101			390.00			
Sealing kit for polystyrene block (CF Block)	W-KPSC03102			360.00			
SEALING KIT FOR TUBULAR MOTOR SURFACE MOUNT VERSION:							
Standard	P-KPSC02105			340.00			
Wall crossing NEW	W-KPSC04105			490.00			
MOTORISATION:							
Motor 120 Nm	140 mm	5 545.00	5 577.00	5 613.00	5 623.00	5 658.00	5 800.00
Motor 250 Nm	140 mm	6 616.00	6 648.00	6 684.00	6 694.00	6 729.00	6 820.00
Motor 500 Nm	140 mm	9 016.00	9 048.00	9 072.00	9 094.00	9 115.00	9 220.00
Motor 750 Nm	140 mm	-	-	-	11 480.00	11 501.00	11 605.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH							
Nordic white and anthracite grey opaque polycarbonate slats NEW		441.00	499.00	554.40	610.25	678.05	810.10
White and grey opaque PVC 84 slats		182.75	188.85	193.65	230.65	254.90	283.75
White, beige and grey opaque PVC 69 slats		192.35	198.80	203.85	242.80	268.30	298.70
Blue opaque PVC 69 slats*		199.00	208.00	213.35	317.30	320.50	341.25
Solar polycarbonate slats*		441.00	499.00	554.40	610.25	678.05	810.10
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193)							
Insert mount		79.60	79.60	79.60	119.40	119.40	119.40
Surface mount		168.60	168.60	168.60	252.90	252.90	252.90
Hanging mount		301.40	301.40	301.40	452.10	452.10	452.10
4 Beam & beam wall units							
Beam wall units - Insert mount				204.40			
Beam sealing kit - Surface mount fixing				52.40			
Beam sealing kit - Insert mount for thin wall with liner				441.00			
Beam sealing kit - polystyrene block (CF Block)				441.00 (for 2 beams) – 268.00 (for 1 beam)			
Beams: 1 beam		668.00	750.00	812.00	919.00	966.00	1 088.00
Beams: 2 beams		1 215.00	1 363.00	1 477.00	1 671.00	1 757.00	1 979.00
5 Decking for standard pit							
Decking with factory covering** NEW	More information on p. 75.	1 498.00	2 247.00	2 247.00	2 996.00	2 996.00	3 745.00
Ceramic stoneware NEW		760.00	950.00	1 140.00	1 330.00	1 520.00	1 710.00
Decking to be covered		796.00	1 194.00	1 194.00	1 592.00	1 592.00	1 990.00
Aluminium decking to be tiled		866.00	1 299.00	1 299.00	1 732.00	1 732.00	2 165.00
PVC decking		634.00	951.00	951.00	1 268.00	1 268.00	1 585.00
6 Packing (net price) - Wooden cardboard packaging price: please contact us.							
Cardboard box (standard)		167.00	167.00	167.00	197.00	197.00	230.00

* Slats blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.
** Price list for beige and light-grey decking, maximum dimension 90 cm, other colours and formats see p. 75.

INFO

All our prices are in € excluding VAT.

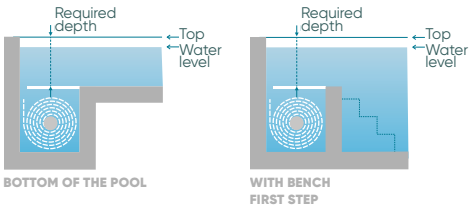
IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE 1 SIDE

ROLLINSIDE 1 SIDE

SCAN FOR QUICK CALCULATION

HOW TO CALCULATE THE TOTAL PRICE:

1 + 2 + 3 + 4 + 5 + 6



How to define the required motor power and tube diameter:

a - Identify the pool width and length.

b - Identify the depth between the pool edge and the top side of the decking.

→ You get the required motor power and tube diameter.

EXAMPLE:

4.5 X 10.5 M POOL:

a - Consider: width 5.00 m and length 11.00 m.

b - The depth between the pool edge and the top decking can be < 0.55 m or between 0.55 m and 1.34 m or between 1.34 m and 2.18 m.

→ The pool is 1.70 m deep: 750 Nm motor, Ø 140 mm tube.

Length of the pool (including stairs)	POOL WIDTH (M)													Depth of the reel system
	5.00 m							6.00 m						
4.00 m	0.47	1.04	2.28	3.58*	-	-	-	0.81	1.84	2.79*	-	-	-	
5.00 m	0.40	0.92	2.05	3.23*	-	-	-	0.71	1.65	2.53*	-	-	-	
6.00 m	0.34	0.83	1.87	2.97*	-	-	-	0.63	1.50	2.33*	-	-	-	
7.00 m	0.30	0.75	1.72	2.75*	-	-	-	0.57	1.38	2.17*	-	-	-	
8.00 m	0.26	0.68	1.61	2.57*	-	-	-	0.51	1.28	2.03*	-	-	-	
9.00 m	0.23	0.63	1.51	2.42*	-	-	-	0.47	1.20	1.91*	-	-	-	
10.00 m	0.20	0.59	1.42	2.29*	-	-	-	0.43	1.13	1.81*	-	-	-	
11.00 m	-	0.55	1.34	2.18*	-	-	-	0.40	1.06	1.72*	-	-	-	
12.00 m	-	0.51	1.28	2.08*	-	-	-	0.37	1.01	1.64*	-	-	-	
13.00 m	-	0.48	1.22	2.00*	-	-	-	0.34	0.96	1.57*	-	-	-	
14.00 m	-	0.45	1.16	1.91*	-	-	-	0.32	0.91	1.51*	-	-	-	
15.00 m	-	0.43	1.12	1.84*	-	-	-	0.30	0.87	1.45*	-	-	-	
16.00 m	-	0.40	1.07	1.78*	-	-	-	0.28	0.84	1.40*	-	-	-	
17.00 m	-	-	-	-	0.38	1.03	1.69*	0.26	0.80	1.35*	-	-	-	
18.00 m	-	-	-	-	0.36	1.00	1.64*	-	-	-	0.25	0.77	1.24*	
19.00 m	-	-	-	-	0.35	0.96	1.59*	-	-	-	0.23	0.75	1.19*	
20.00 m	-	-	-	-	0.33	0.93	1.54*	-	-	-	0.22	0.72	1.12*	
MOTOR Nm	120	250	500	750	250	500	750	250	500	750	250	500	750	
TUBE mm	140	140	140	140	170	170	170	170	170	170	180	180	180	
SHAFT Ø	30 mm													

* The in-ground tubular motor surface mount fixing version requires solid concrete at the fixing points.

Length of the pool (including stairs)	POOL WIDTH (M)													Depth of the reel system
	7.00 m			8.00 m				9.00 m			10.00 m			
4.00 m	0.68	1.51	2.40*	0.56	1.30	2.00*	-	0.37	0.95	1.56	0.31	0.83	1.37*	
5.00 m	0.59	1.36	2.16*	0.48	1.15	1.86*	-	0.31	0.86	1.42	0.25	0.74	1.25*	
6.00 m	0.52	1.23	1.98*	0.42	1.00	1.70*	-	0.27	0.78	1.31	0.21	0.67	1.15*	
7.00 m	0.41	1.08	1.80*	0.36	0.95	1.57*	-	0.23	0.71	1.22	-	0.61	1.07*	
8.00 m	0.37	1.00	1.67*	0.28	0.84	1.42*	-	-	0.65	1.14	-	0.55	1.00*	
9.00 m	0.33	0.94	1.57*	0.25	0.78	1.34*	-	-	0.59	1.06	-	0.51	0.92*	
10.00 m	0.30	0.88	1.49*	0.22	0.78	1.26*	-	-	0.55	1.00	-	0.46	0.86*	
11.00 m	0.28	0.83	1.42*	0.20	0.69	1.20*	-	-	0.51	0.94	-	0.42	0.81*	
12.00 m	0.20	0.72	1.28*	-	0.58	1.07*	-	-	0.47	0.89	-	0.39	0.76*	
13.00 m	0.16	0.67	1.21*	-	0.54	1.01*	-	-	0.44	0.84	-	0.35*	0.72*	
14.00 m	-	0.63	1.15*	-	0.50	0.95*	-	-	0.40*	0.79*	-	0.32*	0.67*	
15.00 m	-	0.59	1.09*	-	0.46	0.90*	-	-	0.37*	0.75*	-	0.30*	0.64*	
16.00 m	-	0.55	1.04*	-	0.43*	0.86*	-	-	0.34*	0.71*	-	0.27*	0.60*	
17.00 m	-	0.51	1.00*	-	0.39*	0.81*	-	-	0.32*	0.67*	-	0.24*	0.57*	
18.00 m	-	0.48*	0.95*	-	-	-	0.77*	-	0.29*	0.64*	-	-	-	
19.00 m	-	0.45*	0.90*	-	-	-	0.74*	-	0.27*	0.61*	-	-	-	
20.00 m	-	0.42*	0.86*	-	-	-	0.70*	-	0.24*	0.58*	-	-	-	
MOTOR Nm	250	500	750	250	500	750	750	250	500	750	250	500	750	
TUBE mm	180	180	180	180	180	180	250	250	250	250	250	250	250	
SHAFT Ø	30 mm						45 mm							

* The in-ground tubular motor surface mount fixing version requires solid concrete at the fixing points.

INFO

The automatic cover opening and closing time depends on its depth, length and width.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE 1 SIDE PRICES

POOL WIDTH (up to...m)		5.00	6.00	7.00	8.00	9.00	10.00
POOL LENGTH MAX (stairs included in m)		20.00	20.00	20.00	20.00	20.00	20.00
1 Mechanics: wall units or sealing kits, tube, motor and control box SELECT YOUR MOTOR POWER AND TYPE OF TUBE IN THE CHART P. 78, AND CONSULT P. 69-70 TO SELECT THE WALL FIXING.							
WALL UNITS KIT FOR DRY PIT VERSION:							
Standard Ø 30 mm	W-KPSC02100			340.00			
Standard Ø 45 mm	W-KPSC02101			550.00			
Non standard Ø 30 mm lg max. 300 mm	W-KPSC02105			440.00			
WALL UNITS KIT FOR TUBULAR MOTOR INSERT MOUNT VERSION:							
Standard (Traditional concrete)	W-KPSC04100			340.00			
For thin wall without liner	W-KPSC03100			322.00			
For thin wall with liner	W-KPSC03101			390.00			
Sealing kit for polystyrene block (CF Block)	W-KPSC03102			360.00			
SEALING KIT FOR TUBULAR MOTOR SURFACE MOUNT VERSION:							
Standard	P-KPSC02105			340.00			
Wall crossing NEW	W-KPSC04105			490.00			
MOTORISATION:							
Motor 120 Nm	140 mm	5 909.00	-	-	-	-	-
Motor 250 Nm	140 mm	6 862.00	-	-	-	-	-
	170 mm	7 426.00	7 571.00	-	-	-	-
	180 mm	-	8 731.00	8 920.00	9 211.00	-	-
	250 mm	-	-	-	-	12 970.00	13 258.00
Motor 500 Nm	140 mm	9 250.00	-	-	-	-	-
	170 mm	9 581.00	9 739.00	-	-	-	-
	180 mm	-	10 971.00	11 481.00	11 770.00	-	-
	250 mm	-	-	-	-	15 357.00	15 864.00
Motor 750 Nm	140 mm	11 635.00	-	-	-	-	-
	170 mm	12 012.00	12 173.00	-	-	-	-
	180 mm	-	13 402.00	13 910.00	14 417.00	-	-
	250 mm	-	-	-	18 323.00	18 538.00	18 829.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH							
Nordic white and anthracite grey opaque polycarbonate slats NEW		852.75	1 030.40	1 198.70	1 373.30	1 542.85	1 781.70
White and grey opaque PVC 84 slats		320.75	-	-	-	-	-
White, beige and grey opaque PVC 69 slats*		337.65	393.10	435.15	488.45	538.90	606.80
Blue opaque PVC 69 slats*		371.00	410.70	465.00	520.10	618.65	748.15
Solar polycarbonate slats*		852.75	1 030.40	1 198.70	1 373.30	1 542.85	1 781.70
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193)							
Insert mount		119.40	159.20	159.20	199.00	199.00	199.00
Surface mount		252.90	337.20	337.20	421.50	421.50	421.50
Hanging mount		452.10	602.80	602.80	753.50	753.50	753.50
4 Beam & beam wall units							
Beam wall units - Insert mount				204.40			
Beam sealing kit - Surface mount fixing				52.40			
Beam sealing kit - Insert mount for thin wall with liner				441.00			
Beam sealing kit - Polystyrene block (CF Block)				441.00 (for 2 beams) – 268.00 (for 1 beam)			
Beams: 1 beam		1 116.00	1 266.00	2 217.00	2 347.00	2 499.00	2 646.00
Beams: 2 beams		2 029.00	2 302.00	3 260.00	3 452.00	3 675.00	3 891.00
5 Decking for standard pit							
Decking with factory covering** NEW	More information on p. 75.	3 745.00	4 494.00	5 243.00	5 992.00	6 741.00	7 490.00
Ceramic stoneware NEW		1 900.00	2 280.00	2 660.00	3 040.00	3 420.00	3 800.00
Decking to be covered		1 990.00	2 388.00	2 786.00	3 184.00	3 582.00	3 980.00
Aluminium decking to be tiled		2 165.00	2 598.00	3 031.00	3 464.00	3 897.00	4 330.00
PVC decking		1 585.00	1 902.00	2 219.00	2 536.00	2 853.00	3 170.00
6 Packing (net price) - Wooden cardboard packaging price: please, contact us.							
Cardboard box (standard)		230.00	230.00	271.00	271.00	271.00	271.00

* Slats > 6 m, blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.
** Price list for beige and light-grey decking, maximum dimension 90 cm, other colours and formats see p. 75.

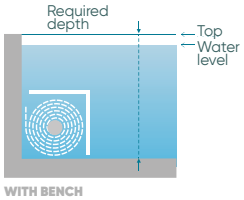
INFO

All our prices are in € excluding VAT.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE 2 SIDES

SCAN FOR QUICK CALCULATION

ROLLINSIDE 2 SIDES



HOW TO CALCULATE THE TOTAL PRICE:

1 + 2 + 3 + 4 + 5 + 6

1 MECHANICS: WALL UNITS OR SEALING KIT, TUBE AND MOTOR

a - Identify the pool width and length.

b - Identify the total pool depth.

→ You get the required motor power and tube diameter.

EXAMPLE

4.5 X 10.5 M POOL:

a - Consider: width 5 m and length 11 m.

b - The total pool depth can be < 1.42 m or between 1.42 m and 2.21 m or between 2.21 m and 3.05 m.

→ The pool is 1.70 m deep: 500 Nm motor, 140 mm tube.

Pool length (including stairs)	POOL WIDTH (M)													Total pool depth
	2.00 m			2.50 m			3.00 m			3.50 m				
4.00 m	1.62	3.45	-	1.24	2.68	-	1.87	2.83	2.97	0.79	1.83	3.37	-	
5.00 m	1.45	3.10	-	1.10	2.41	-	1.76	2.63	2.97	0.69	1.64	3.00	-	
6.00 m	1.32	2.86	-	0.99	2.22	-	1.66	2.47	2.97	0.61	1.48	2.79	-	
7.00 m	1.21	2.65	-	0.90	2.00	-	1.59	2.34	2.97	0.55	1.36	2.59	-	
8.00 m	1.12	2.48	-	0.83	1.90	3.50	1.53	2.24	2.97	0.50	1.27	2.42	-	
9.00 m	1.05	2.31	-	0.77	1.80	3.30	1.48	2.15	2.97	0.45	1.19	2.28	-	
10.00 m	0.98	2.20	-	0.72	1.70	3.13	1.43	2.07	2.97	0.42	1.10	2.15	-	
11.00 m	0.93	2.10	-	0.67	1.61	3.00	1.39	2.01	2.97	0.38	1.05	2.00	-	
12.00 m	0.88	2.00	-	0.63	1.52	2.87	1.36	1.95	2.97	0.36	0.99	1.94	3.10	
13.00 m	0.83	1.90	3.53	0.59	1.46	2.73	1.33	1.90	2.97	0.33	0.95	1.86	2.97	
14.00 m	0.79	1.82	3.39	0.57	1.40	2.65	1.30	1.85	2.97	0.31	0.90	1.79	2.86	
15.00 m	0.76	1.77	3.25	0.53	1.35	2.55	1.28	1.81	2.96	0.29	0.86	1.72	2.76	
16.00 m	0.72	1.70	3.17	0.51	1.30	2.46	1.26	1.77	2.89	0.27	0.83	1.66	2.66	
17.00 m	0.69	1.65	3.07	0.48	1.25	2.39	1.23	1.73	2.82	0.25	0.80	1.61	2.58	
18.00 m	0.67	1.59	2.98	0.46	1.20	2.30	1.22	1.70	2.76	0.23	0.77	1.56	2.50	
19.00 m	0.64	1.54	2.90	0.44	1.16	2.25	-	-	-	0.22	0.74	1.50	2.43	
20.00 m	0.62	1.49	2.81	0.43	1.13	2.18	-	-	-	0.20	0.71	1.45	2.36	
MOTOR Nm	120	250	500	120	250	500	120	250	500	120	250	500	750	
TUBE mm	140	140	140	140	140	140	140	140	140	140	140	140	140	
SHAFT Ø	30 mm													

* The in-ground tubular motor surface mount fixing version requires solid concrete at the fixing points.

Pool length (including stairs)	POOL WIDTH (M)																		Total pool depth
	4.00 m				4.50 m				5.00 m							6.00 m			
4.00 m	1.54	2.25	2.97	5.37*	-	-	-	-	1.34	1.91	3.15	4.45*	-	-	-	1.68	2.71	3.66*	
5.00 m	1.45	2.10	2.97	4.97*	0.46	1.20	2.29	3.61	1.27	1.79	2.92	4.10*	-	-	-	1.58	2.52	3.40*	
6.00 m	1.38	1.98	2.97	4.57*	0.40	1.08	2.10	3.30	1.21	1.70	2.74	3.84*	-	-	-	1.50	2.37	3.20*	
7.00 m	1.32	1.89	2.97	4.37*	0.35	1.00	1.94	3.00	1.17	1.62	2.59	3.62*	-	-	-	1.44	2.25	3.04*	
8.00 m	1.28	1.81	2.96	4.17*	0.31	0.92	1.81	2.86	1.13	1.55	2.48	3.44*	-	-	-	1.38	2.15	2.90*	
9.00 m	1.24	1.74	2.84	3.97*	0.28	0.85	1.70	2.71	1.10	1.50	2.38	3.29*	-	-	-	1.34	2.07	2.78*	
10.00 m	1.21	1.69	2.73	3.82*	0.25	0.79	1.60	2.57	1.07	1.46	2.29	3.16*	-	-	-	1.30	2.00	2.68*	
11.00 m	1.18	1.64	2.63	3.68*	0.22	0.75	1.52	2.44	-	1.42	2.21	3.05*	-	-	-	1.27	1.93	2.59*	
12.00 m	1.15	1.59	2.55	3.56*	0.20	0.70	1.44	2.33	-	1.38	2.15	2.95*	-	-	-	1.24	1.88	2.51*	
13.00 m	1.13	1.56	2.48	3.44*	0.18	0.66	1.38	2.22	-	1.35	2.09	2.87*	-	-	-	1.21	1.83	2.44*	
14.00 m	1.11	1.52	2.41	3.35*	0.16	0.63	1.32	2.15	-	1.32	2.03	2.78*	-	-	-	1.19	1.78	2.38*	
15.00 m	1.09	1.49	2.35	3.26*	0.15	0.60	1.27	2.06	-	1.30	1.99	2.71*	-	-	-	1.17	1.74	2.32*	
16.00 m	1.07	1.46	2.30	3.17*	-	0.57	1.22	2.00	-	1.27	1.94	2.65*	-	-	-	1.15	1.71	2.27*	
17.00 m	-	1.43	2.25	3.10*	-	0.54	1.17	1.93	-	-	-	-	1.25	1.90	2.56	1.13	1.67	2.22*	
18.00 m	-	1.41	2.20	3.03*	-	0.52	1.13	1.87	-	-	-	-	1.23	1.87	2.51	1.12	1.64	-	
19.00 m	-	-	-	-	-	0.50	1.10	1.80	-	-	-	-	-	-	-	-	-	-	
20.00 m	-	-	-	-	-	0.48	1.06	1.76	-	-	-	-	-	-	-	-	-	-	
MOTOR Nm	120	250	500	750	120	250	500	750	120	250	500	750	250	500	750	250	500	750	
TUBE mm	140	140	140	140	140	140	140	140	140	140	140	140	170	170	170	170	170	170	
SHAFT Ø	30 mm																		

* The in-ground tubular motor surface mount fixing version requires solid concrete at the fixing points.

INFO

The automatic cover opening and closing time depends on its depth, length and width.

OPTIONS

MIDDLE SUPPORT

- For pools widths between 6.10 m and 10.00 m, we recommend fitting the pool with a middle support.
- For collective pools and/or casing > 25 kg/m².

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE 2 SIDES PRICES

POOL WIDTH (up to...m)		2.00	2.50	3.00	3.50	4.00	4.50	5.00	6.00
POOL LENGTH MAX (stairs included in m)		20.00	20.00	20.00	20.00	20.00	20.00	20.00	20.00
1 Mechanics: wall units or sealing kits. tube. motor and control box SELECT YOUR MOTOR POWER AND TYPE OF TUBE IN THE CHART P. 80, AND CONSULT P. 69-70 TO SELECT THE WALL FIXING.									
WALL UNITS KIT FOR DRY PIT VERSION:									
Standard Ø 30 mm	W-KPSC02100	340.00							
Standard Ø 45 mm	W-KPSC02101	550.00							
Non standard Ø 30 mm lg max. 300 mm	W-KPSC02105	440.00							
WALL UNITS KIT FOR TUBULAR MOTOR INSERT MOUNT VERSION:									
Standard (Traditional concrete)	W-KPSC04100	340.00							
For thin wall without liner	W-KPSC03100	322.00							
For thin wall with liner	W-KPSC03101	390.00							
Sealing kit for polystyrene block (CF Block)	W-KPSC03102	360.00							
SEALING KIT FOR TUBULAR MOTOR SURFACE MOUNT VERSION:									
Standard	P-KPSC02105	340.00							
Wall crossing NEW	W-KPSC04105	490.00							
MOTORISATION:									
Motor 120 Nm	140 mm	5 545.00	5 577.00	5 613.00	5 623.00	5 658.00	5 800.00	5 909.00	-
Motor 250 Nm	140 mm	6 616.00	6 648.00	6 684.00	6 694.00	6 729.00	6 820.00	6 862.00	-
	170 mm	-	-	-	-	-	-	7 426.00	7 571.00
Motor 500 Nm	140 mm	9 016.00	9 048.00	9 072.00	9 094.00	9 115.00	9 220.00	9 250.00	-
	170 mm	-	-	-	-	-	-	9 581.00	9 739.00
Motor 750 Nm	140 mm	-	-	-	11 480.00	11 501.00	11 605.00	11 635.00	-
	170 mm	-	-	-	-	-	-	12 012.00	12 173.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH									
Nordic white and anthracite grey opaque polycarbonate slats NEW		441.00	499.00	554.40	610.25	678.05	810.10	852.75	1 030.40
White and grey opaque PVC 84 slats		182.75	188.85	193.65	230.65	254.90	283.75	320.75	-
White, beige and grey opaque PVC 69 slats		192.35	198.80	203.85	242.80	268.30	298.70	337.65	393.10
Blue opaque PVC 69 slats*		199.00	208.00	213.35	317.30	320.50	341.25	371.00	410.70
Solar polycarbonate slats*		441.00	499.00	554.40	610.25	678.05	810.10	852.75	1 030.40
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193)									
Insert mount		79.60	79.60	79.60	119.40	119.40	119.40	119.40	159.20
Surface mount		168.60	168.60	168.60	252.90	252.90	252.90	252.90	337.20
Hanging mount		301.40	301.40	301.40	452.10	452.10	452.10	452.10	602.80
4 Beam & beam wall units									
Beam wall units - Insert mount		204.40							
Beam sealing kit - Surface mount fixing		52.40							
Beam sealing kit - Insert mount for thin wall with liner		441.00							
Beam sealing kit - polystyrene block (CF Block)		441.00							
Beams		2 075.00	2 224.00	2 337.00	2 629.00	2 714.00	3 029.00	3 079.00	3 227.00
5 Decking for standard pit									
Decking with factory covering NEW	More information on p. 75.	2 996.00	4 494.00	4 494.00	5 992.00	5 992.00	7 490.00	7 490.00	8 988.00
Decking to be covered		1 592.00	2 388.00	2 388.00	3 184.00	3 184.00	3 980.00	3 980.00	4 776.00
PVC decking		1 268.00	1 902.00	1 902.00	2 536.00	2 536.00	3 170.00	3 170.00	3 804.00
6 Packing (net price) - Wooden cardboard packaging price: please contact us.									
Cardboard box (standard)		167.00	167.00	167.00	197.00	197.00	230.00	230.00	230.00

* Slats > 6 m, blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.

INFO

All our prices are in € excluding VAT.

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



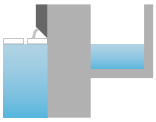
INFINITY POOL

Infinity water level control box for the french standard NF P90-308 compliance of the cover on overflow pool. More information on p. 339 of the control boxes chapter.

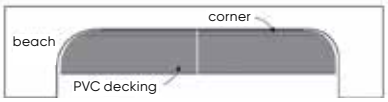
SWIMMING MODE



SAFETY MODE



MECHANICS

OPTION	DESCRIPTION		PRICE € EXCL. VAT
Profile for corners from 5 to 15 cm radiuses	For rounded corners from 5 cm to 15 cm radius. It enables the slats to roll and unroll correctly. PVC material 1.50 cm thick. Can be covered with on-site lining. 		**591.40**
Liner adapter kit	A must-have if the pool is fitted with a liner (only for pools with straight corners). The kit is used to press the liner against the corners and to avoid rubbing with the slats. Incompatible with masonry radius.		**187.30**
Liner protection (only for the dry pit model)	Protects the liner/on-site lining/waterproofing from slat friction.		**172.80**
6-pin connector (only for the dry pit model)	Enables the wintering of the motor while guaranteeing the watertightness of the connections.		**283.05**
Wintering handle (only for the dry pit model)	Used to keep the slat on the tube during winter.		**249.10**
Earth-grounding (with collar)	The earth grounding and its paddle clamp enable the removal of eddy currents to the ground (essential for metal panel pools).	Ø 50 mm	**53.65**
		Ø 63 mm	**55.00**
Junction box	The classical junction box to connect the motor cable to the cables coming from the electrical box.		**40.50**
Silicone gel for junction box (sold in pairs)	A useful soft translucid gel that protect electrical junctions against humidity damages while keeping them accessible.		**88.50**
Motor cable - length 15 m	Possibility of controlling a motor with a 15 m cable (as standard our motors are shipped with a 3 m cable).		**312.00**
Motor cable (over 15 m - max. 20 m)	Price per linear metre. Subject to validation by the technical department, production lead time: + 3 weeks.		**26.00**
Motor extractor (for tubular motors)	Dedicated device giving an useful help when a tubular motor has to be changed in an after sales service situation.		**862.75**
Intermediate support (only for Rollinside 1 side) - with standard pit of 82 cm	- For pools widths between 6.10 m and 10.00 m, it is mandatory to equip the pool with a middle bracket. - For collective pools and/ or covering > 25 kg/m². - Include a load strut for reinforcement.		**1 092.95**

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLINSIDE OPTIONS

OPTIONS

CONTROL		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Maximum of 3 emitters per receiver.	**266.70**
Remote Wi-Key receiver box	Required if the emitter is installed far away from the receiver or if a building disrupts the passage of the radio waves.	**107.00**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**196.00**

STEP UNIT - SLATS						
DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white and anthracite grey opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White and grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige and grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide, for width and length kits (each)	**87.00**					

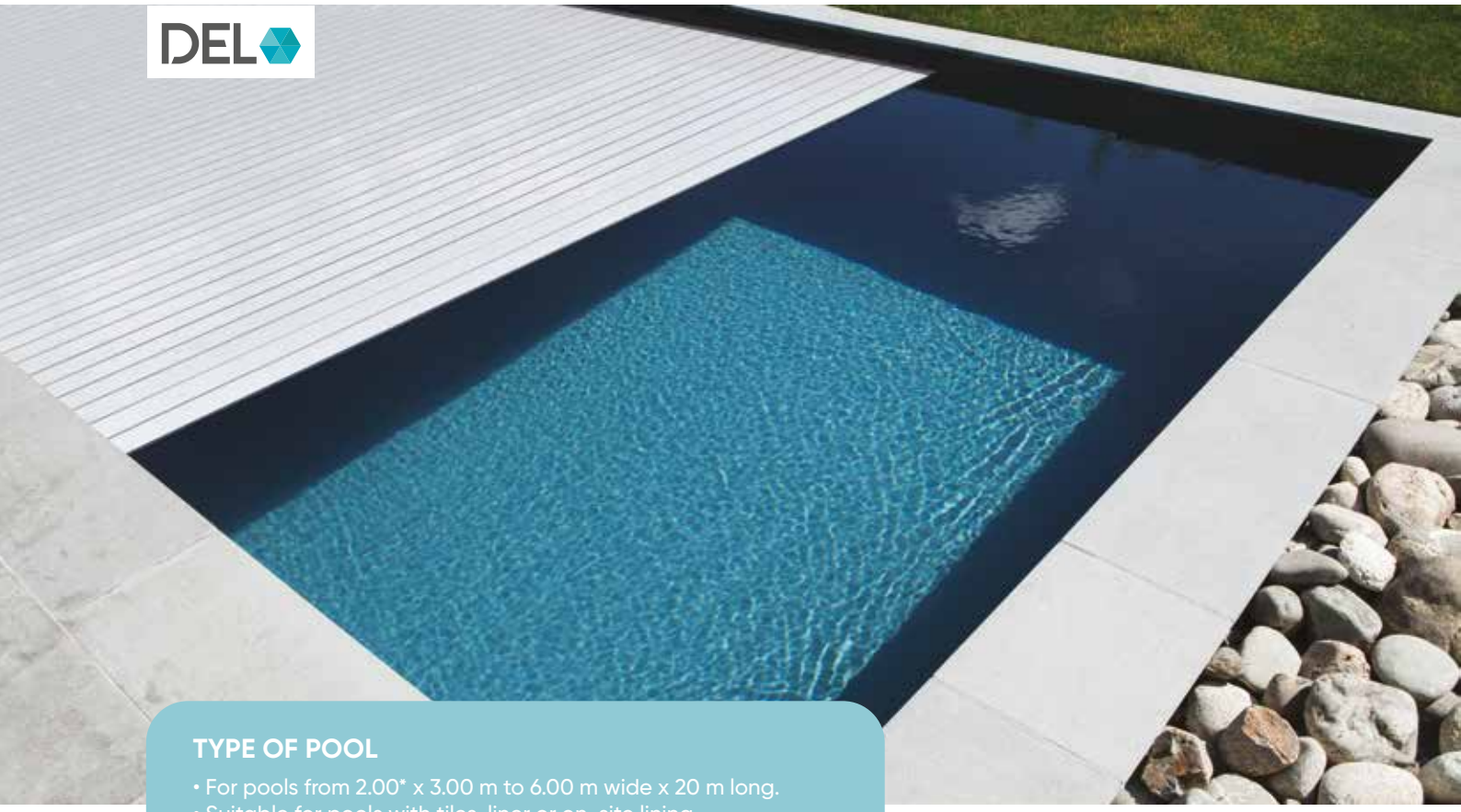
* Blue opaque PVC 69 slats and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.

DECKING		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Decking lifter tool NEW	For an easier operation for pit cleaning.	**65.00**

IN-GROUND AUTOMATIC SLATTED COVERS

ROLLFIT

This in-ground automatic cover is built into a niche



TYPE OF POOL

- For pools from 2.00* x 3.00 m to 6.00 m wide x 20 m long.
- Suitable for pools with tiles, liner or on-site lining.

PRODUCT BONUS

+ Perfect integration of the cover into the pool.
+ Aesthetic and discreet concept.

AVAILABLE IN TWO VERSIONS

- Motor in a dry pit.
- Tubular motor.

4 MOTOR POWERS: 120, 250, 500 AND 750 Nm

- Quality of motor cables: flexible and robust**.
- Stronger, lightning-resistant end-of-runs sensors**.
- Simplified end-of-runs sensor wiring: reversible wires (no polarity)**.

PRICES: Find all detailed prices on page 88 to 92.

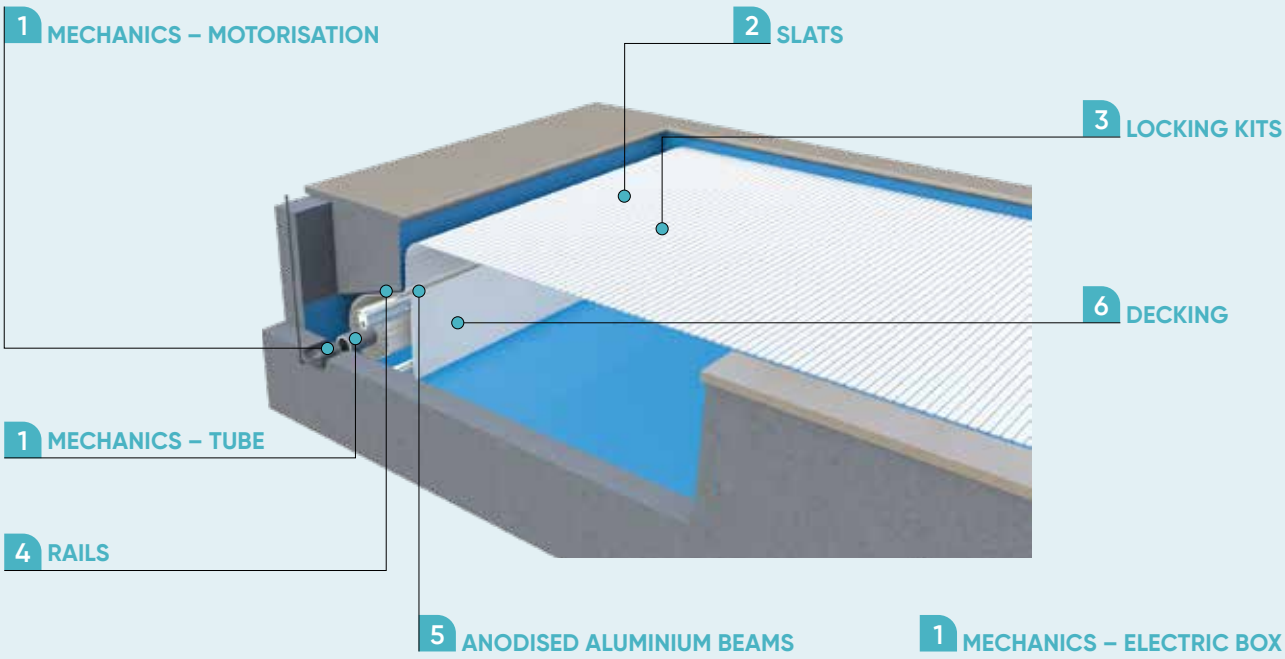
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).
** Excluding for 750 Nm tubular motors, 500 and 750 Nm dry pit motors.



DOWNLOAD AND SHARE THE ROLLFIT MARKETING MATERIAL



MADE IN FRANCE | CF TRUST PRODUCT | LivePool COMPATIBLE | 2 years WARRANTY REEL SYSTEM | 5 years WARRANTY TUBULAR MOTOR | 3 years WARRANTY DRY PIT MOTOR | NF P NORM 90-308 SAFETY



Below are details of each numbered item.

Rollfit tubular motor version

CUSTOMISE YOUR ROLLFIT

STEP 1: MECHANICS

MOTORISATION:

- 2 motorisations and 2 fixings available:
  - Motor in a dry pit - insert mount fixing.
  - Tubular motor - insert mount fixing.
- The power is determined depending on the pool dimensions and the depth at which the Rollfit is installed: 120, 250, 500 or 750 Nm.
- Motors have automatic end-of-runs using an internal sensor and electronical counting (excluding the dry pit version of 120 and 250 Nm which has mechanical systems with setup in the motor).
- Controlled by key switch, insert mount key switch (indoor use), Wi-Key or LivePool Cover (option).


Key switch


Insert mount key switch (indoor use)


Wi-Key


LivePool Cover (option, cf. p. 92)

TUBE:

- 20-micron anodised aluminium.

ELECTRIC BOX:

- Motor anti-blocking safety feature: stops the opening when abnormal force is detected on the cover, particularly if the safety kits are not unlocked.
- Can be connected to multiple control devices.
- Large boxes for easy wiring and diagnostics.
- Connected to other equipment:
  - Stop/Go Flow: when the cover is operated, filtration is stopped to prevent cover disturbances caused by water circulation.
  - Stop Salt: informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).
- The Stop Salt and Stop Flow functions can be used to control other pool equipment (e.g. lighting).
- Electronic limit switches:
  - Integrated diagnostic aid with default display.
  - Independent management of opening and closing limit switches to facilitate adjustment operations.
  - New motor anti-blocking safety feature: improved sensitivity, active during opening and closing.
- Mechanical limit switch motors:
  - Robust electromechanical control box that can be repaired using numerous spare parts.
  - Resettable electrical protections.

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
2 colours available





• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





STEP 3 : LOCKING KITS

• **Pushlock** (See p. 192)
6 colours available



4 types of fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

IN-GROUND SLATTED COVERS / ROLLFIT

STEP 4 : RAILS

• The rails are installed to facilitate the passage of the slats when the automatic cover is being rolled and unrolled.
• The dimensions are featured in the technical leaflet on p. 411.

STEP 5 : BEAMS

• 20-micron anodised aluminium beam.
• Dimensions: 150 x 100 mm.
• 1 beam in the upper part and 1 beam in the lower part to keep the decking vertical.
• Special profile shape including a groove to snap the deckings.

STEP 6 : DECKING

• Decking to be covered by yourself with on-site lining (20 mm thick). Details available in Rollinsde decking choice step.
• For other types of decking, please consult the technical department.

STEP 7 : PACKING

See next page.

IN-GROUND SLATTED COVERS / ROLLFIT PRICES (UP TO 6.00 X 15.00 M)

SCAN FOR QUICK CALCULATION

ROLLFIT UP TO 6 X 15 M

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4 + 5 + 6

How to define the required motor power and tube diameter:

a - Identify the pool's width and length.
b - Identify the depth between the pool edge and the top side of the decking.

→ You get the required motor power and tube diameter.

EXAMPLE

A 4.50 X 10.50 M POOL:
a - Consider: width 5.00 m and length 11.00 m.
b - The depth between the top wall and the top decking can be < 2.13 m between 2.13 m and 2.97 m.

→ The pool is 2.50 m deep: 750 Nm motor-Ø 140 mm tube.

	POOL WIDTH (M)					
	3.00 m			4.00 m		
Pool length (including stairs) / Depth of the reel system						
4.00 m	1.79	2.75	2.89	2.17	2.89	5.29
5.00 m	1.68	2.55	2.89	2.02	2.89	4.89
6.00 m	1.58	2.39	2.89	1.90	2.89	4.49
7.00 m	1.51	2.26	2.89	1.81	2.89	4.29
8.00 m	1.45	2.16	2.89	1.73	2.88	4.09
9.00 m	1.40	2.07	2.89	1.66	2.76	3.89
10.00 m	on request	1.99	2.89	1.61	2.65	3.74
11.00 m	on request	1.93	2.89	1.56	2.55	3.60
12.00 m	on request	1.87	2.89	1.51	2.47	3.48
13.00 m	on request	1.82	2.89	1.48	2.40	3.36
14.00 m	on request	1.77	2.89	1.44	2.33	3.27
15.00 m	on request	1.73	2.88	1.41	2.27	3.18
MOTOR Nm	120	250	500	250	500	750
TUBE mm	140	140	140	140	140	140
SHAFT Ø	30 mm					

	POOL WIDTH (M)					
	5.00 m			6.00 m		
Pool length (including stairs) / Depth of the reel system						
4.00 m	1.83	3.07	4.37	1.60	2.63	3.58
5.00 m	1.71	2.84	4.02	1.50	2.44	3.32
6.00 m	1.62	2.66	3.76	1.42	2.29	3.12
7.00 m	1.54	2.51	3.54	on request	2.17	2.96
8.00 m	1.47	2.40	3.36	on request	2.07	2.82
9.00 m	1.42	2.30	3.21	on request	1.99	2.70
10.00 m	1.38	2.21	3.08	on request	1.92	2.60
11.00 m	on request	2.13	2.97	on request	1.85	2.51
12.00 m	on request	2.07	2.87	-	1.80	2.43
13.00 m	on request	2.01	2.79	-	1.75	2.36
14.00 m	on request	1.95	2.70	-	1.70	2.30
15.00 m	on request	1.91	2.63	-	1.66	2.24
MOTOR Nm	250	500	750	250	500	750
TUBE mm	140	140	140	170	170	170
SHAFT Ø	30 mm					

IN-GROUND SLATTED COVERS / ROLLFIT PRICES (UP TO 6.00 X 15.00 M)

INFO

All our prices are in € excluding VAT.

POOL WIDTH (up to...m)		3.00	4.00	5.00	6.00
MAX POOL LENGTH (stairs included in m)		15.00	15.00	15.00	15.00
1 Mechanics					
Wall unit - dry pit version		360.00			
Wall unit - tubular insert mount version					
120 Nm motor	140 mm	5 613 .00	-	-	-
250 Nm motor	140 mm	6 684.00	6 729.00	-	-
	170 mm	-	6 862.00	-	7 571.00
500 Nm motor	140 mm	9 072.00	9 115.00	9 250.00	-
	170 mm	-	-	9 581.00	9 739.00
750 Nm motor	140 mm	-	11 501.00	11 635.00	-
	170 mm	-	-	12 012.00	12 173.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH					
Nordic white and anthracite grey opaque polycarbonate slats NEW		554.40	678.05	852.75	1 030.40
White and grey opaque PVC 84 slats		193.65	254.90	320.75	-
White, beige and grey opaque PVC 69 slats*		203.85	268.30	337.65	393.10
Blue opaque PVC 69 slats*		213.35	320.50	371.00	410.70
Solar polycarbonate slats*		554.40	678.05	852.75	1 030.40
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193)					
Insert mount		168.60	252.90	252.90	337.20
Surface mount		79.60	119.40	119.40	159.20
Hanging mount		301.40	452.10	452.10	602.80
4 Rails					
Rail kit		2 364.50	2 837.40	3 783.20	4 256.10
5 Beams					
Beams		1 477.00	1 757.00	2 029.00	2 302.00
6 Decking					
Decking to be recovered		1 305.00	1 740.00	2 175.00	2 610.00
7 Packing (net price) - Wooden cardboard packaging price: please contact us.					
Cardboard box (standard)		167.00	197.00	230.00	230.00

* Slats > 6 m, blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.

IN-GROUND SLATTED COVERS / ROLLFIT PRICES (UP TO 6.00 X 20.00 M)

SCAN FOR QUICK CALCULATION

ROLLFIT UP TO 6 X 20 M

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4 + 5 + 6

How to define the required motor power and tube diameter:

a - Identify the pool width and length.
b - Identify the depth between the pool edge and the top side of the decking.

→ You get the required motor power and tube diameter.

EXAMPLE

A 4.50 X 16.50 M POOL:
a - Consider: width 5.00 m and length 17.00 m.
b - The depth between the top wall and the top decking can be < 1.90 m between 1.90 m and 2.56 m.

→ The pool is 2.00 m deep: 750 Nm motor-Ø 170 mm tube.

		POOL WIDTH (M)							
		3.00 m		4.00 m		5.00 m		6.00 m	
Pool length (including stairs)	16.00 m	1.77	2.89	2.30	3.17	1.94	2.65	1.71	2.27
	17.00 m	1.73	2.82	2.25	3.10	1.90	2.56	1.67	2.22
	18.00 m	1.70	2.76	2.20	3.03	1.87	2.51	1.64	-
	19.00 m	1.67	2.70	2.16	2.97	1.83	2.48	1.62	-
	20.00 m	1.65	2.65	2.12	2.91	1.80	2.43	1.59	-
	21.00 m	1.62	2.60	2.08	2.85	1.77	2.39	on request	-
	22.00 m	1.60	2.55	2.05	2.80	1.74	2.35	-	-
	23.00 m	on request	2.51	2.02	2.75	1.72	2.31	-	-
	24.00 m	on request	2.47	1.99	2.71	1.69	2.27	-	-
	25.00 m	on request	2.43	1.96	2.67	1.67	2.24	-	-
	MOTOR Nm	250	500	500	750	500	750	500	750
	TUBE mm	140	140	140	140	140	140	170	170
	SHAFT Ø	30 mm							

Depth of the reel system

IN-GROUND SLATTED COVERS / ROLLFIT PRICES (UP TO 6.00 X 20.00 M)

INFO

All our prices are in € excluding VAT.

POOL WIDTH (up to...m)		3.00	4.00	5.00	6.00
MAX POOL LENGTH (stairs included in m)		25.00	25.00	25.00	20.00
1 Mechanics					
Wall unit - dry pit version		360.00			
Wall unit - tubular insert mount version					
250 Nm motor	140 mm	6 684.00	-	-	-
500 Nm motor	140 mm	9 072.00	9 115.00	9 250.00	-
	170 mm	-	-	-	9 739.00
750 Nm motor	140 mm	-	11 501.00	11 635.00	-
	170 mm	-	-	-	12 173.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH					
Nordic white and anthracite grey opaque polycarbonate slats NEW		554.40	678.05	852.75	1 030.40
White and grey opaque PVC 84 slats		193.65	254.90	320.75	-
White, beige and grey opaque PVC 69 slats*		203.85	268.30	337.65	393.10
Blue opaque PVC 69 slats*		213.35	320.50	371.00	410.70
Solar polycarbonate slats*		554.40	678.05	852.75	1 030.40
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193)					
Insert mount		168.60	252.90	252.90	337.20
Surface mount		79.60	119.40	119.40	159.20
Hanging mount		301.40	452.10	452.10	602.80
4 Rails					
Rail kit		2 364.50	2 837.40	3 783.20	4 256.10
5 Beams					
Beams		1 477.00	1 757.00	2 029.00	2 302.00
6 Decking					
Decking to be recovered		1 305.00	1 740.00	2 175.00	2 610.00
7 Packing (net price) - Wooden cardboard packaging price: please contact us.					
Cardboard box (standard)		167.00	197.00	230.00	230.00

* Slats > 6 m, blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

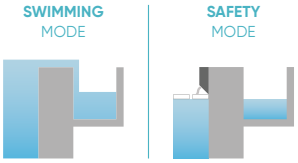
WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



INFINITY POOL

Infinity water level control box for the french standard NF P90-308 compliance of the cover on overflow pool. More information on p. 339 of the control boxes chapter.



MECHANICS

OPTION	DESCRIPTION		PRICE € EXCL. VAT
Junction box	The classical junction box to connect the motor cable to the cables coming from the electrical box.		**40.50**
Junction box gel	A useful soft translucid gel that protect electrical junctions against humidity damages while keeping them accessible.		**88.50**
Motor cable length 15 m	Possibility of controlling a motor with a 15 m cable (as standard our motors are shipped with a 3 m cable).		**312.00**
Motor cable (over 15 m - max. 20 m) - price per linear metre*			**26.00**
Earth-grounding (with collar)	The earth grounding and its paddle clamp enable the removal of eddy currents to the ground (essential for metal panel pools).	Ø 50 mm	**53.65**
		Ø 63 mm	**55.00**
Stainless steel tube surcharge (pool widths up to 6 m)	An alternative solution to meet your customers' expectations. A highly aesthetic finish thanks to the optimised tube treatment.		**1 575.00**

* Subject to validation by our technical support.

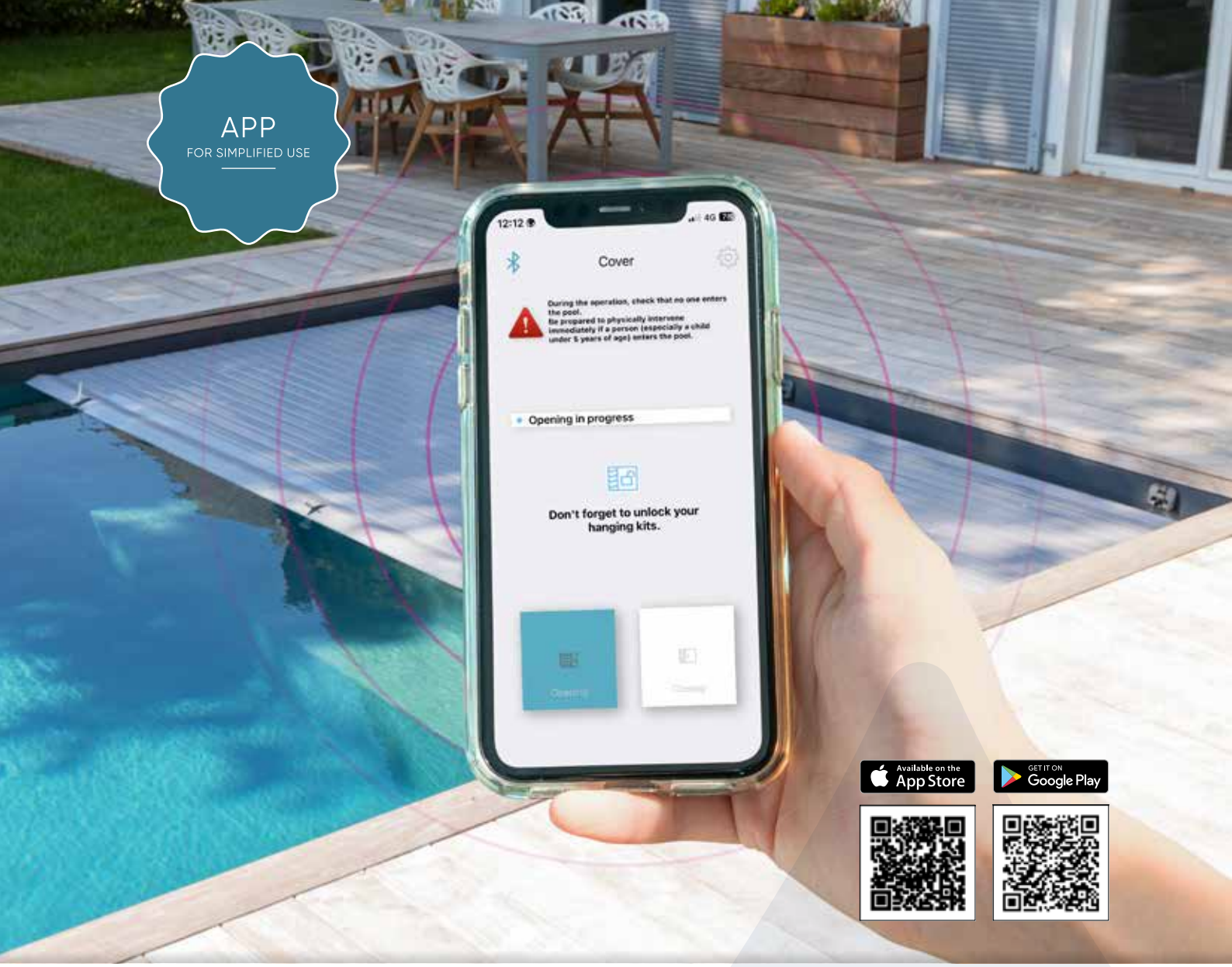
CONTROL

OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Maximum of 3 emitters per receiver.	**266.70**
Remote Wi-Key receiver box	Required if the emitter is installed far away from the receiver or if a building disrupts the passage of the radio waves.	**107.00**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**196.00**

STEP UNIT - SLATS

DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white and anthracite grey opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White and grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige and grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats**	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats**	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide, for width and length kits (each)	**87.00**					

** Blue opaque PVC 69 slats and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.



LivePool Cover

OPEN & CLOSE THE POOL **WITH A SINGLE CLIC!**

THANKS TO THE **LIVEPOOL COVER** APPLICATION

THE SMARTPHONE BECOMES A CONNECTED REMOTE CONTROL DEDICATED TO THE SLATTED COVER VIA A SECURE BLUETOOTH® CONNECTION

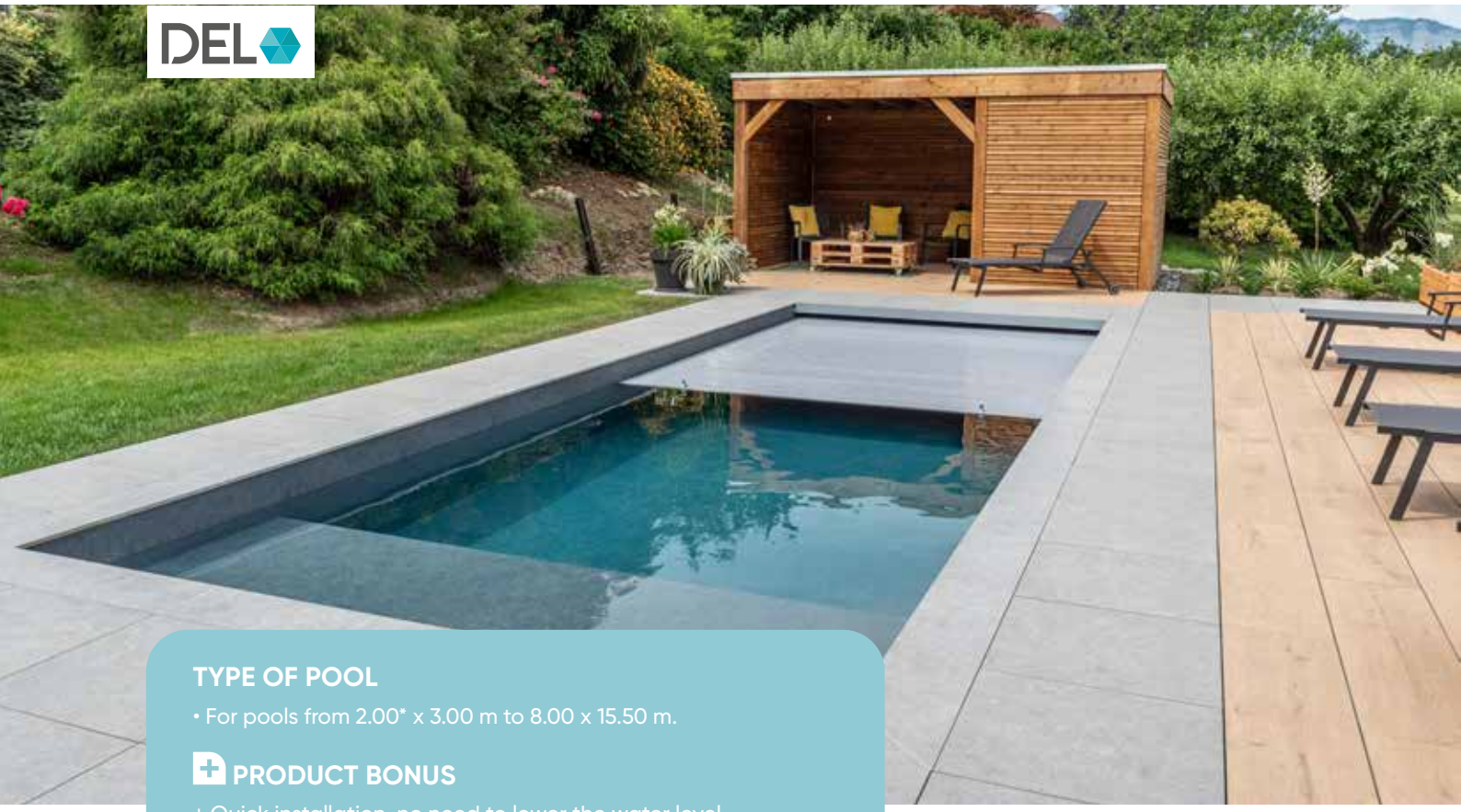
*Not compatible with solar version.

an app by **CF group**

IN-GROUND AUTOMATIC SLATTED COVERS

ROLLENERGY EVOLUTION

The ideal in-ground automatic cover for pool renovations



TYPE OF POOL

• For pools from 2.00* x 3.00 m to 8.00 x 15.50 m.

PRODUCT BONUS

+ Quick installation, no need to lower the water level.
+ No masonry work required.
+ Includes all the functions of a modern automatic cover.

IDEAL FOR RENOVATION

• Quick installation thanks to the side supports which facilitate the installation of cables.
• Easy and comfortable assembly.

EASY MAINTENANCE

• The watertightness gel for the junction box enables you to modify the connectors easily because the gel does not dry out.

2 MOTORS: 120 AND 250 Nm.

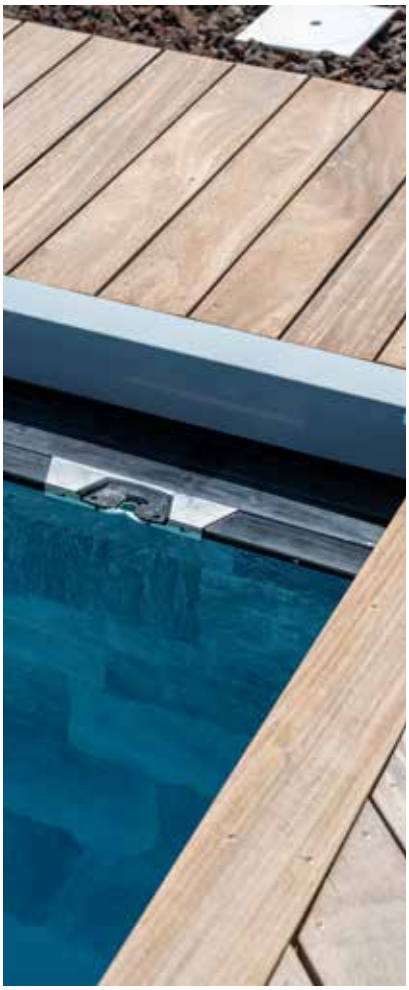
• Improvement in quality and strength of cables.
• Stronger, lightning-resistant end-of-runs sensors.
• Simplified end-of-runs sensor wiring using reversible wires (no polarity).

PRICES: Find all detailed prices on page 100 to 104.

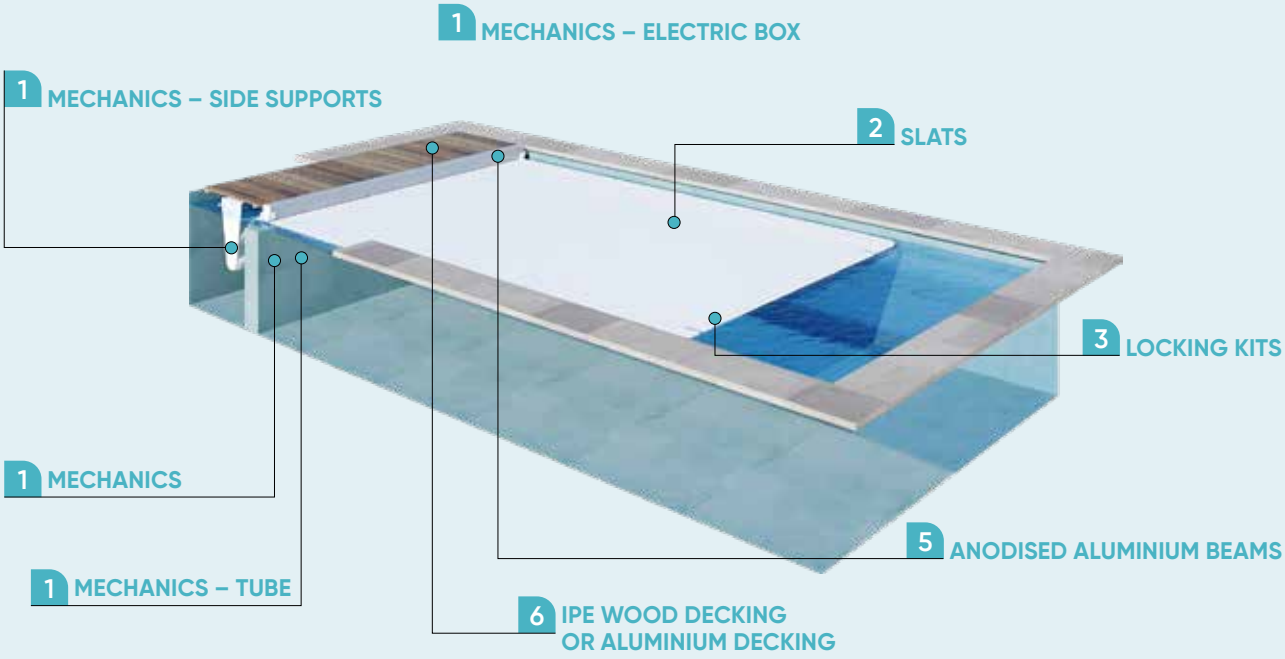
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).



DOWNLOAD AND SHARE THE ROLLENERGY EVOLUTION MARKETING MATERIAL



MADE IN FRANCE · CF TRUST PRODUCT · LivePool COMPATIBLE · 2 years WARRANTY REEL SYSTEM · 5 years WARRANTY MOTOR · NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR ROLLENERGY EVOLUTION

STEP 1: MECHANICS

- Tubular motor delivered mounted in the tube for an easy installation.
- The power is determined depending on the pool dimensions ; 120, 250 Nm.
- Motors have automatic end-of-runs using an internal sensor and electronical counting.
- Controlled by key switch, insert mount key switch (indoor use), Wi-Key or LivePool Cover (option).


Key switch


Insert mount key switch (indoor use)


Wi-Key


LivePool Cover (option, cf. p. 103)

SIDE SUPPORTS:

- White composite plastics.
- Widened cable opening with its cable protection cover.
- Special small plate for shell pools (option).
- 2 fittings available:
  - Standard fixing: surface mount.
  - Hanging mount fixing: on brackets (option).


Standard support


Small support (option)

TUBE:

- 20-micron anodised aluminium.

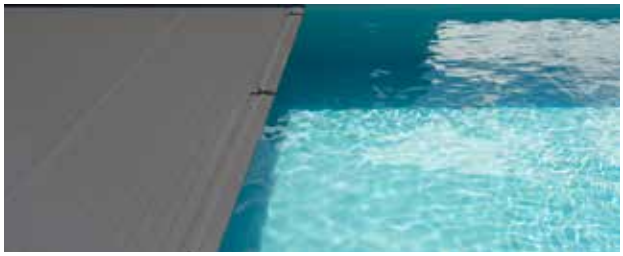
ELECTRIC BOX:

- New motor anti-blocking safety feature: stops the motor when abnormal force is detected on the cover, particularly if the safety kits are not unlocked. New version with improved sensitivity and active during opening and closing.
- Can be connected to multiple control devices.
- Large boxes for easy wiring and diagnostics.
- Integrated diagnostic aid with default display.
- Independent management of opening and closing limit switches to facilitate adjustment operations.
- Connected to other equipment:
  - Stop/Go Flow: when the cover is operated, filtration is stopped to prevent cover disturbances caused by water circulation.
  - Stop Salt: informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).
  - The Stop Salt and Stop Flow functions can be used to control other pool equipment (e.g. lighting).

In the case of Pushlock automatic, an additional control box must be installed.

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
2 colours available





• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





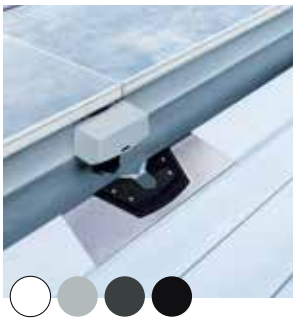
• **Opaque PVC 69 slats** (See p. 186)
4 colours available





STEP 3 : LOCKING KITS

• **Pushlock automatic** (See p. 190-191)
4 colours available

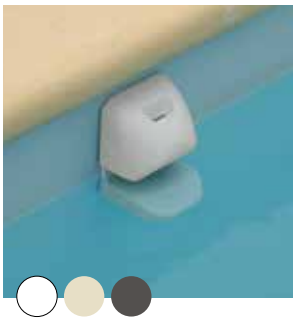


• **Pushlock** (See p. 192)
6 colours available



These 4 photos display the surface mount version.

• **Quicklock** (See p. 193)
3 colours available



Unavailable with opaque PVC 84 slats.

• **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



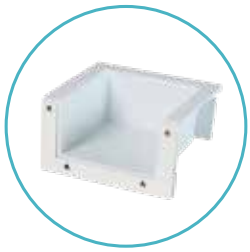
Hanging mount



High hanging mount

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLENERGY EVOLUTION

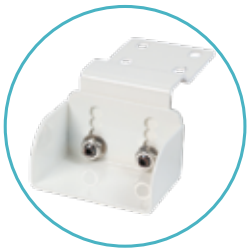
STEP 4 : BEAM SUPPORTS



Insert mount supports



Surface mount supports*



Adjustable hanging mount for liners



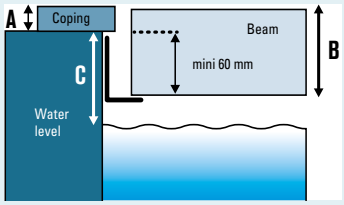
Adjustable flat hanging mount

* Only this support model is compatible with the Securiwall separating wall.

STEP 5 : BEAMS

- 3 colours available (white, beige or grey).
- 100 x 100 mm or 120 x 100 mm (higher bending resistance).
- Lacquered aluminium.

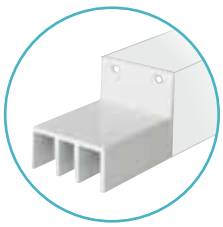
HOW TO CHOOSE THE BEAMS?



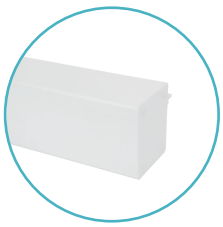
		MAXIMUM COPING THICKNESS (A)				
		6 cm	5 cm	4 cm	3 cm	2 cm
WATER LEVEL (C)	10 cm	120	-	100	-	-
	11 cm	-	120	-	100	-
	12 cm	-	-	120	-	100
	13 cm	-	-	-	120	-

Beam size in mm (B).

FOR INSERT MOUNT SUPPORTS



FOR HANGING MOUNT AND SURFACE MOUNT SUPPORTS



AVAILABILITY OF BEAMS

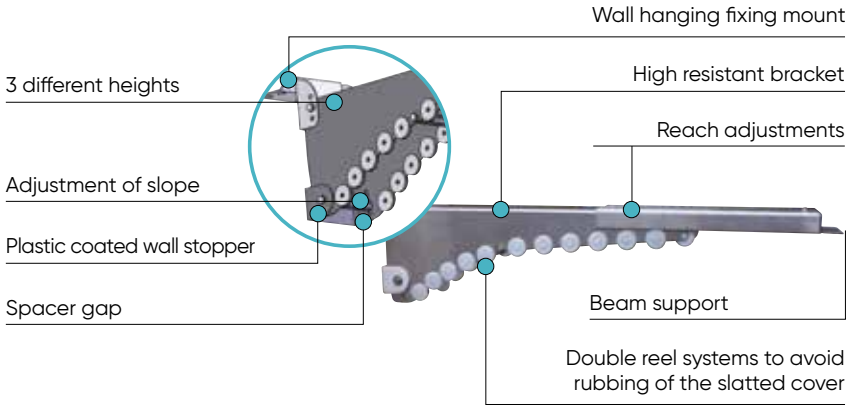
		4 m	5 m	6 m	7 m	8 m
100 x 100 mm Insert mount or hanging mount	White	✔	✔	✔	✔	✔
	Grey	✔	✔	✔	✔	✔
	Beige	✔	✔	✔	✔*	✔*
120 x 100 mm Insert mount or hanging mount	White	✔	✔	✔	✔*	✔*
	Grey	✔	✔	✔	✔*	✔*
	Beige	✔	✔	✔	✔*	✔*

* Available with 2 beams.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLENERGY EVOLUTION

TELESCOPIC SUPPORT FOR BEAMS:

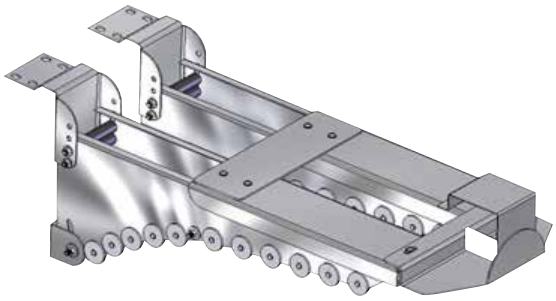
> Telescopic support for pool width up to 8 m



- Indispensable for 100 x 100 m beams over 5.05 m wide.
- Available for pit up to 1.35 m.
- Optional beam reinforcement for heavy use.

Telescopic support for pool width up to 8 m	
For pit from 70 to 90 cm	**552.00**
For pit from 91 to 105 cm	**703.00**
For pit from 106 to 120 cm	**837.00**
For pit from 121 to 135 cm	**994.00**

> Middle support for beams - for pool width between 8 and 10 m



- Indispensable for combining two beams and thus equipping an 8 to 10 m wide pool.
- Available for pit up to 1.35 m.

Middle support for beams - for pool width between 8 and 10 m	
For pit from 70 to 90 cm	**1 507.00**
For pit from 91 to 105 cm	**2 009.00**
For pit from 106 to 120 cm	**2 275.00**
For pit from 121 to 135 cm	**2 590.00**

INFO

In case of intensive use (commercial pools) or heavy loads, contact us to determine the required number of supports.

STEP 6: DECKING

IPE WOOD DECKING:

- Smooth finish.
- IPE wood has no resin or splinters.
- 140 mm slats, th. 20 mm.
- Class IV, naturally rot-proof.
- Weight: 22 kg (1.00 x 0.90 m).
- As the decking is a natural material, colour and appearance may change over time.
- For indoor pools, the decking must be reinforced in the factory (to limit natural warping due to the lack of ventilation/aeration in the room).
- Dimension maximum of the decking: 1.40 m.
- Adhesion: Class R11 (according to EN 15165).



Examples of calculations:
Pool width 3.50 m: four 1.00 m elements + cut to size cost. Pool width 4.80 m: five 1.00 m elements + cut to size cost.

IPE wood decking							
Dimensions	< 75 cm	= 75 cm	up 75 to 89 cm	= 90 cm	up 91 to 115 cm	up 116 to 140 cm	Cut to size
Price unit	Per element	Per element STANDARD	Per element	Per element STANDARD	m²	m²	
IPE wood decking for outdoor pools	**493.00**	**408.00**	**549.00**	**473.00**	**676.00**	**676.00**	**150.00**
IPE wood decking for indoor pools				**Contact us***			**-**

*Special manufacturing lead time.

ALUMINIUM DECKING:

- 3 colours available: white, beige or grey.
- Elements assembled by slotting into each other.
- 2 possible aesthetics: the aluminium decking can be installed on either face.
- Dimension maximum of the decking: 1.40 m.



Examples of calculations:
Pool width 3.50 m: four 1.00 m elements + cut to size cost. Pool width 4.80 m: five 1.00 m elements + cut to size cost.



Side 1 — **Alternating flat and ridges**

Side 2 — **All ridges**

The decking is delivered assembled and can be installed either with the visible side 1 or 2 visible depending on the chosen style.

Aluminium decking						
Dimensions	< 75 cm	= 75 cm	up 75 to 89 cm	= 90 cm	up 91 to 140 cm	Cut to size
Price unit	m²	Per element STANDARD	m²	Per element STANDARD	m²	
Aluminium decking	**576.00***	**294.00**	**576.00***	**326.00**	**576.00***	**150.00**

* Special manufacturing lead time.

INFO

Find out more about decking maintenance p. 420.

PRO HINT

For easier handling, think of our decking lifter see p. 103.

STEP 7: PACKING

See next page.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLENERGY EVOLUTION PRICES

SCAN FOR QUICK CALCULATION

ROLLENERGY EVOLUTION

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4 + 5 + 6

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	
POOL LENGTH MAX (stairs included in m)	23.50	23.50	23.50	22.50	17.00	22.00
Models	E2.1-14.1	E2.1-14.1	TI (E2.3-14.1)	TI (E2.3-14.1)	TI (E2.3-14.1)	TI (E3.3-14.1)
1 Mechanics	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	250 Nm
Tube, motor, control box and supports	4 482.00	4 575.00	4 690.00	4 741.00	4 766.00	6 225.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH						
Nordic white and anthracite grey opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	678.05
White and grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	254.90
White, beige and grey opaque PVC 69 slats*	192.35	198.80	203.85	242.80	268.30	268.30
Blue opaque PVC 69 slats*	199.00	208.00	213.35	317.30	320.50	320.50
Solar polycarbonate slats*	441.00	499.00	554.40	610.25	678.05	678.05
3 Locking kits (find out the required number of kits depending on the pool dimensions on p. 193)						
Pushlock - Insert mount	39.80	39.80	39.80	59.70	59.70	59.70
Pushlock - Surface mount	84.30	84.30	84.30	126.45	126.45	126.45
Pushlock - Hanging	150.70	150.70	150.70	226.05	226.05	226.05
Pushlock automatic - All fixings	1 849.00	1 849.00	1 849.00	1 849.00	1 849.00	1 849.00
4 Beam supports						
Insert mount	200.70	200.70	200.70	200.70	200.70	200.70
Surface mount	312.95	312.95	312.95	312.95	312.95	312.95
Hanging mount	328.75	328.75	328.75	328.75	328.75	328.75
5 Beams						
Insert mount - 100 x 100 mm	649.00	741.00	814.00	823.00	831.00	831.00
Insert mount - 120 x 100 mm	699.00	745.00	845.00	899.00	910.00	910.00
Surface or hanging mount - 100 x 100 mm	499.00	593.00	661.00	669.00	674.00	674.00
Surface or hanging mount - 120 x 100 mm	549.00	595.00	695.00	749.00	760.00	760.00
6 Decking (see our calculation example on p. 99)						
Aluminium - 1.00 x 0.90 m	652.00	1 128.00	978.00	1 454.00	1 304.00	1 304.00
IPE wood - 1.00 x 0.90 m for outdoor pool	946.00	1 569.00	1 419.00	2 042.00	1 892.00	1 892.00
7 Packing (net price) - Wooden cardboard packaging price: please contact us.						
Cardboard box (standard)	167.00	167.00	167.00	197.00	197.00	197.00

* Slats > 6 m, blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.
** Telescopic support included.
*** 2 beams with a middle support for pit of 70 to 90 cm.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLENERGY EVOLUTION PRICES

SCAN FOR QUICK CALCULATION

INFO

All our prices are in € excluding VAT.

4.50		5.00			6.00		7.00	8.00
16.00	21.00	10.50	15.50	21.50	17.00	20.50	17.50	15.50
TI (E2.3-14.2)	TI (E3.3-14.2)	TI (E2.3-14.2)	TI (E3.3-14.2)	TI (E3.4-17.1)	TI (E3.4-17.1)	TI (E3.4-18.1)	TI (E3.4-18.1)	TI (E3.4-18.2)
120 Nm	250 Nm	120 Nm	250 Nm	250 Nm	250 Nm	250 Nm	250 Nm	250 Nm
4 881.00	6 160.00	4 933.00	6 225.00	6 582.00	6 699.00	8 252.00	8 386.00	9 259.00
810.10	810.10	852.75	852.75	852.75	1 030.40	1 030.40	1 198.70	1 373.30
283.75	283.75	320.75	320.75	320.75	-	-	-	-
298.70	298.70	337.65	337.65	337.65	393.10	393.10	435.15	488.45
341.25	341.25	371.00	371.00	371.00	410.70	410.70	465.00	520.10
810.10	810.10	852.75	852.75	852.75	1 030.40	1 030.40	1 198.70	1 373.30
59.70	59.70	59.70	59.70	59.70	79.60	79.60	79.60	99.50
126.45	126.45	126.45	126.45	126.45	168.60	168.60	168.60	210.75
226.05	226.05	226.05	226.05	226.05	301.40	301.40	301.40	376.75
1 849.00	1 849.00	1 849.00	1 849.00	1 849.00	2 422.00	2 422.00	2 422.00	2 422.00
200.70	200.70	200.70	200.70	200.70	200.70	200.70	200.70	200.70
312.95	312.95	312.95	312.95	312.95	312.95	312.95	312.95	312.95
328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75
929.00	929.00	956.00	956.00	956.00	1 638.00**	1 638.00**	2 082.00**	2 803.00**
1 145.00	1 145.00	1 158.00	1 158.00	1 158.00	1 364.00	1 364.00	3 281.00***	3 356.00***
856.00	856.00	901.00	901.00	901.00	1 586.00**	1 586.00**	2 051.00**	2 678.00**
995.00	995.00	1 008.00	1 008.00	1 008.00	1 214.00	1 214.00	3 156.00***	3 231.00***
1 780.00	1 780.00	1 630.00	1 630.00	1 630.00	1 956.00	1 956.00	2 282.00	2 608.00
2 515.00	2 515.00	2 365.00	2 365.00	2 365.00	2 838.00	2 838.00	3 311.00	3 784.00
230.00	230.00	230.00	230.00	230.00	230.00	230.00	271.00	271.00

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

SECURIWALL

Strong and solid, the separating wall is a relevant complement to the Rollenergy Evolution in case of renovation. See p. 118.



WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



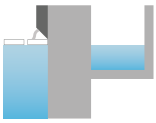
INFINITY POOL

Infinity water level control box for the french standard NF P90-308 compliance of the cover on overflow pool. More information on p. 339 of the control boxes chapter.

SWIMMING MODE



SAFETY MODE



MECHANICS

OPTION	DESCRIPTION		PRICE € EXCL. VAT
Hanging plates	With this option, the plates are fixed at 90° using stainless steel plates installed under the pool coping. Hanging plates are also available in small sizes for shell pools.  Small hanging plate  Hanging plate	For a pool up to 55 m² max.	**581.85**
		For a pool up to 120 m² max.	**713.25**
Small hanging plates (for polyester shells)	Allow installation in pit with a limited depth, contact us to know the depth limit depending on pool length.		**645.55**
Junction box	Used to connect the motor and the control box.		**40.50**
Silicone gel for junction box (sold in pairs)	A useful soft translucid gel that protect electrical junctions against humidity damages while keeping them accessible.		**88.50**
Earth-grounding (with collar)	The earth-gounding and its saddle clamp enables to get rid of the leakage currents to the ground (compulsory for metal panel pools).	Ø 50 mm	**53.65**
		Ø 63 mm	**55.00**
Motor cable - length 15 m	Possibility of controlling a motor with a 15 m cable (as standard our motors are shipped with a 3 m cable).		**312.00**
Motor cable (over 15 m - maximum 20 m)*	Price per linear metre. Subject to validation by the technical department, production lead time: + 3 weeks.		**26.00**
Motor extractor	Dedicated device giving an useful help when a tubular motor has to be changed in an after sales service situation.		**862.75**
Stainless steel tube extra cost (pool widths up to 6 m maximum)	An alternative solution to meet your customers' expectations. A highly aesthetic finish thanks to the optimised tube treatment.		**1 575.00**

* Subject to validation by the technical department, production lead time: + 3 weeks.

OPTIONS

CONTROL		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Maximum of 3 emitters per receiver.	**266.70**
Remote Wi-Key receiver box	Required if the emitter is installed far away from the receiver or if a building disrupts the passage of the radio waves.	**107.00**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**196.00**

STEP UNIT - SLATS						
DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white and anthracite grey opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White and grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige and grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide, for width and length kits (each)	**87.00**					

* Blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.

LOCKING KIT (EACH)			
VERSIONS	INSERT MOUNT	SURFACE MOUNT	HANGING MOUNT
	PRICE € EXCL. VAT		
Pushlock	**42.15**	**19.90**	**75.35**
Quicklock**	**142.40**	**131.00**	**158,45**
Quicklock tool**	**41.90**		
Straplock kit - concrete coping**	**135.80**	**101.35**	**78.30**
Straplock kit - wooden coping**	**144.50**	**110.05**	**87.00**
Pushlock automatic	**Prices as a package for a given pool width, see page 191.**		

** For solar polycarbonate slats, opaque polycarbonate slats and opaque PVC 69 slats only.

DECKING			
OPTION	DESCRIPTION		PRICE € EXCL. VAT
Aluminium decking	Antislip tape (provide for one roll per decking).	18 m roll	**63.70**
	Cleaning product to prepare the surface to apply the antislip tape.	1 litre	**53.55**
Decking lifter tool NEW	For an easier operation for pit cleaning.		**65.00**

OPTIONS

SUPPORT BRACKETS FOR DECKING WITHOUT BEAMS. See p. 98.

Option not available with decking sold by DEL.
These brackets are made to extend the copings above the pool and support the decking of the pit. This solution is particularly convenient for high water levels.

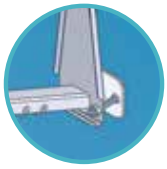


Top hanging bracket plate

Standard bracket (pit = 90 cm if > to 90 cm, contact us)

PRODUCT BONUS

• Coating protection.
The stainless steel pad covered with soft PVC avoids damaging on-site lining and liners. To erase the imperfections of the wall, a 2 mm self-adhesive elastomer seal is included with each bracket. The seal should be fitted between the wall and the on-site lining or liner.



• Easy maintenance.
The bracket can be removed without having to remove the coping.

INFO

If the pool is for heavy use (collective use), it is essential to provide for a higher number of brackets. In that case, contact our support department to adapt the number of brackets.

PRO HINT

To make on site installations easier, it is possible to order the following articles in advance:

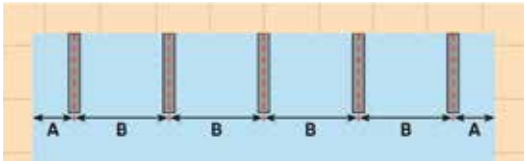
- The top hanging bracket plate
- The skimmer reinforcement (option 2)
- The liner protection wedge (option 3)

Please specify it on the order form.

▶ DECKING PLACED ON THE POOL SIDES

DECKING WEIGHT	
up to 50 kg/m²	from 50 to 100 kg/m²
B = 100 cm maximum	B = 50 cm maximum

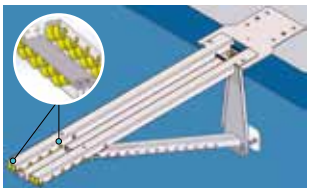
A = Closest to the edge or 10 cm maximum



INFO

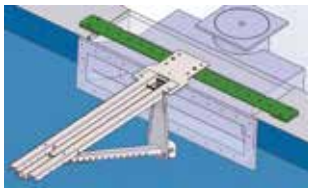
For decking supported only by brackets, refer to page 418.

▶ OPTION 1: WHEELS FOR HIGH WATER LEVEL



The wheels are installed on site, on standard brackets for high water level pools.

▶ OPTION 2: SKIMMER REINFORCEMENT KIT



This kit is used to install one or two brackets on a wide skimmer (up to 82 cm) without drilling/piercing it.

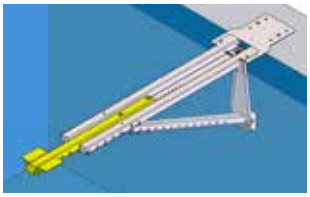
This kit enables the installation of a bracket even if there is no concrete to fix the bracket on.

▶ OPTION 3: LINER PROTECTION WEDGE



This option is for pools fitted with hung for which no levelling was made.

▶ OPTION 4: TELESCOPIC EXTENSION



This option is for pits between 90 and 110 cm.

SUPPORT BRACKETS FOR DECKING WITHOUT BEAMS

DESCRIPTION	PACKAGING	REF.	PRICE € EXCL. VAT
Support bracket for standard pit ≤ 90 cm with top hanging bracket plate	Each	**P-KEQU02100**	**587.00**
Option 1: Wheels for high water level	Per kit	**P-KKIT01700**	**37.85**
Option 2: Skimmer reinforcement (complete kit)	Per kit	**P-KREN01000**	**259.90**
Option 3: Liner protection wedge	Each	**P-KCAL01100**	**37.85**
Option 4: Telescopic extension for pits up to 110 cm	Each	**P-KRAL01100**	**169.45**

DON'T FORGET!

All the information on support brackets and the list of product compatibilities are on p. 418.

AN URGENT JOB-SITE?

Your slatted cover manufactured in 5 days*

This is possible with the

SPEEDY **Slatted Cover**



USEFUL TO KNOW

For speedy slatted cover service orders, a surcharge of +10% will be applied to your automatic slatted cover price, whatever the period.

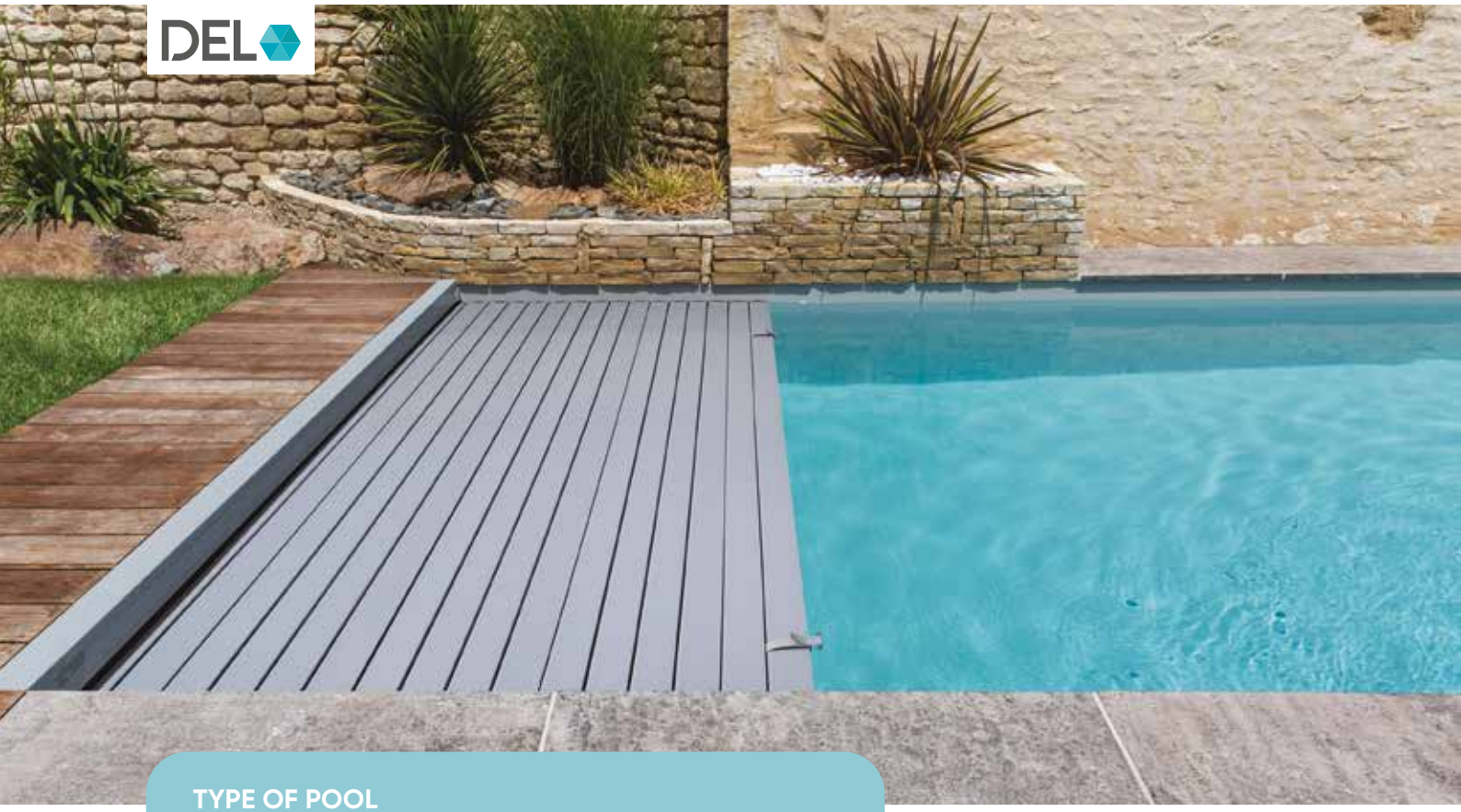


Find all the conditions of use of the high-speed services on page 511.

IN-GROUND AUTOMATIC SLATTED COVERS

ROLLIN

The traditional reference for in-ground automatic cover, ideal for construction



TYPE OF POOL

• For pools from 2.00* x 3.00 m to 10.00 x 16.50 m.

PRODUCT BONUS

+ Suitable for masonry pools.
+ Easy care and maintenance.
+ Proven for over 40 years.

SUITABLE FOR BIG SIZED POOLS

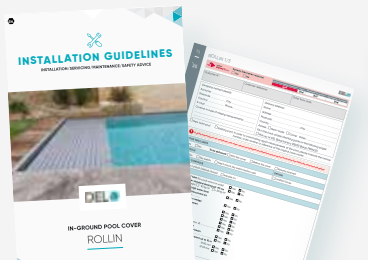
• Specially designed for large pools, the Rollin adapts to pools up to 9.00 m wide and 18.50 m long and 10.00 m wide and 16.50 m long.

EASY MAINTENANCE

• Thanks to its motor fitted in a dry pit next to the pool, maintenance and repairs are easier.

PRICES: Find all detailed prices on page 112 to 116.

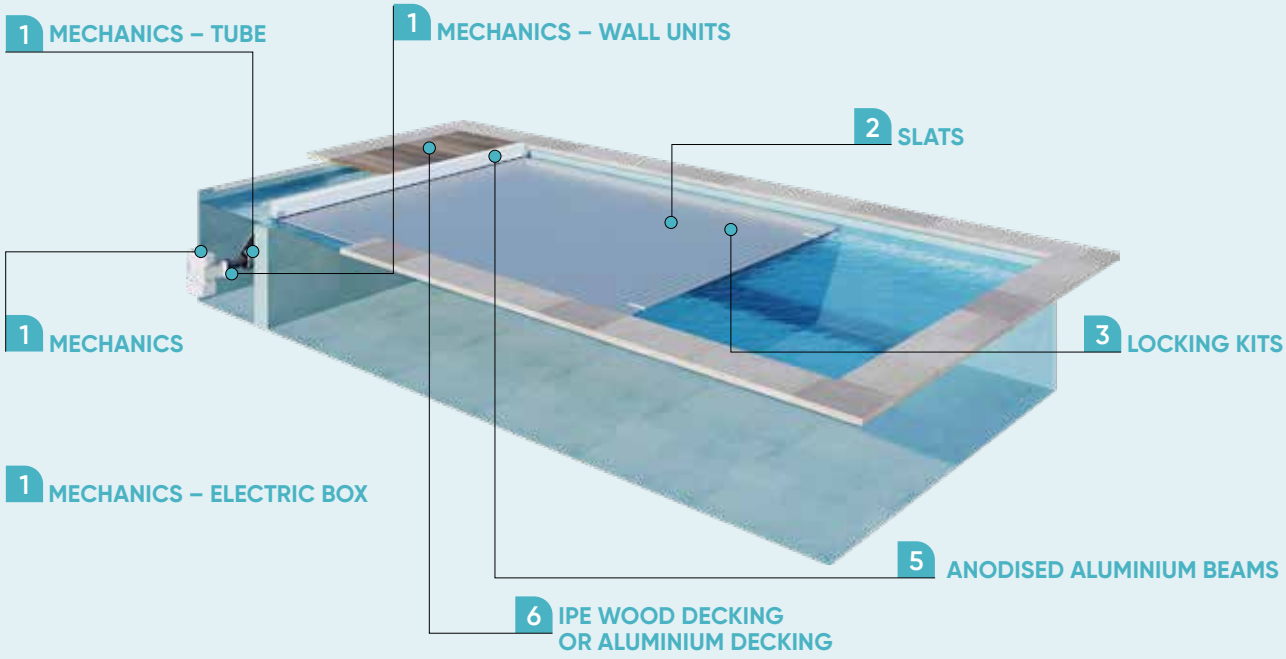
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (84 PVC slats) or 2.00 m (69 PVC, opaque polycarbonate or polycarbonate slats).



DOWNLOAD AND SHARE THE ROLLIN MARKETING MATERIAL



MADE IN FRANCE · CF TRUST PRODUCT · LivePool COMPATIBLE · 2 years WARRANTY REEL SYSTEM · 3 years WARRANTY MOTOR · NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR ROLLIN

STEP 1: MECHANICS

- Motor is located in a dry pit, out of the pool, for an easy access for maintenance.
- The power is determined depending on the pool dimensions: 120, 250, 500 Nm.
- Motors have automatic end of runs using mechanical systems with setup in the motor (not 500 Nm: with an internal sensor and electronical counting in the control box).
- Controlled by key switch, insert mount key switch (indoor use), Wi-Key or LivePool Cover (option).


Key switch


Insert mount key switch (indoor use)


Wi-Key


LivePool Cover (option, cf. p. 114)

WALL UNITS:

- Wall thickness of 20 to 26 cm (other sizes on request).
- If the pool is wider than 8.00 m: Ø 45 mm shaft.

TUBE:

- 20-micron anodised aluminium.

ELECTRIC BOX:

- Motor anti-blocking safety feature: stops the opening when abnormal force is detected on the cover, particularly if the safety kits are not unlocked.
- Can be connected to multiple control devices.
- Large boxes for easy wiring and diagnostics.
- Connected to other equipment:
  - Stop/Go Flow: when the cover is operated, filtration is stopped to prevent cover disturbances caused by water circulation.
  - Stop Salt: informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).
  - The Stop Salt and Stop Flow functions can be used to control other pool equipment (e.g. lighting).
- Electronic limit switches:
  - Integrated diagnostic aid withdefault display.
  - Independent management of openingand closing limit switches to facilitate adjustment operations.
  - New motor anti-blocking safety feature: improved sensitivity and active during opening and closing.
- Mechanical limit switch motors:
  - Robust electromechanical controlbox that can be repaired using numerous spare parts.
  - Resettable electrical protections.

In the case of Pushlock Automatic, an additional control box must be installed.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLIN

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
2 colours available





• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





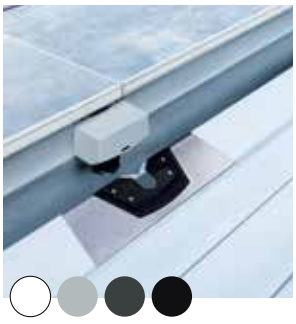
• **Opaque PVC 69 slats** (See p. 186)
4 colours available





STEP 3 : LOCKING KITS

• **Pushlock automatic** (See p. 190-191)
4 colours available

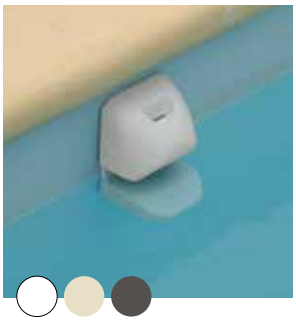


• **Pushlock** (See p. 192)
6 colours available



These 4 photos display the surface mount version.

• **Quicklock** (See p. 193)
3 colours available



Unavailable with opaque PVC 84 slats.

• **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

4 types of Pushlock fixation are available:



Surface mount



Insert mount

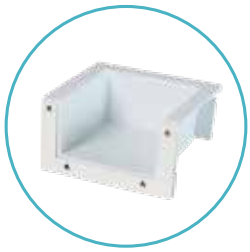


Hanging mount



High hanging mount

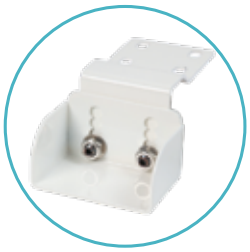
STEP 4 : BEAM SUPPORTS



Insert mount supports



Surface mount supports*



Adjustable hanging mount for liners



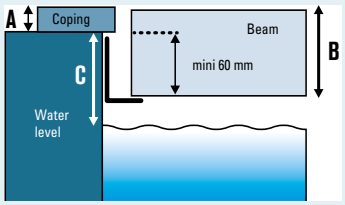
Adjustable flat hanging mount

* Only this support model is compatible with the Securiwall separating wall.

STEP 5 : BEAMS

- 20-micron anodised aluminium beam.
- 3 colours available (white, beige or grey).
- 100 x 100 mm or 120 x 100 mm (higher bending resistance).
- Lacquered aluminium.

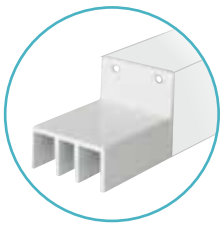
HOW TO CHOOSE THE BEAMS?



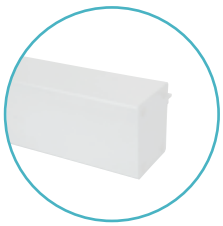
WATER LEVEL (C)	MAXIMUM COPING THICKNESS (A)				
	6 cm	5 cm	4 cm	3 cm	2 cm
10 cm	120	-	100	-	-
11 cm	-	120	-	100	-
12 cm	-	-	120	-	100
13 cm	-	-	-	120	-

Beam size in mm (B).

FOR INSERT MOUNT SUPPORTS



FOR HANGING MOUNT AND SURFACE MOUNT SUPPORTS



AVAILABILITY OF BEAMS

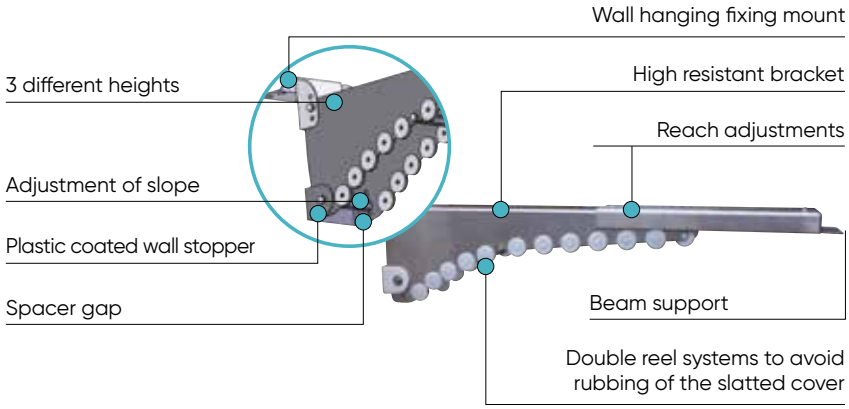
		4 m	5 m	6 m	7 m	8 m	9-10 m
100 x 100 mm Insert mount or hanging mount	White	✓	✓	✓	✓	✓	✓*
	Grey	✓	✓	✓	✓	✓	✓*
	Beige	✓	✓	✓	✓*	✓*	✓*
120 x 100 mm Insert mount or hanging mount	White	✓	✓	✓	✓*	✓*	✓*
	Grey	✓	✓	✓	✓*	✓*	✓*
	Beige	✓	✓	✓	✓*	✓*	✓*

* Available with 2 beams.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLIN

TELESCOPIC SUPPORT FOR BEAMS:

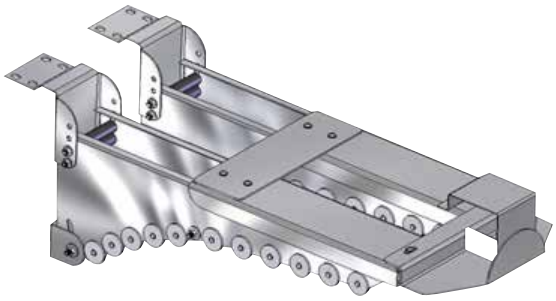
> Telescopic support for pool width up to 8 m



- Indispensable for 100 x 100 m beams over 5.05 m wide.
- Available for pit up to 1.35 m.
- Optional beam reinforcement for heavy use.

Telescopic support for pool width up to 8 m	
For pit from 70 to 90 cm	**552.00**
For pit from 91 to 105 cm	**703.00**
For pit from 106 to 120 cm	**837.00**
For pit from 121 to 135 cm	**994.00**

> Middle support for beams - for pool width between 8 and 10 m



- Indispensable for combining two beams and thus equipping an 8 to 10 m wide pool.
- Available for pit up to 1.35 m.

Middle support for beams - for pool width between 8 and 10 m	
For pit from 70 to 90 cm	**1 507.00**
For pit from 91 to 105 cm	**2 009.00**
For pit from 106 to 120 cm	**2 275.00**
For pit from 121 to 135 cm	**2 590.00**

INFO

In case of intensive use (commercial pools) or heavy loads, contact us to determine the required number of supports.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLIN

STEP 6: DECKING

IPE WOOD DECKING:

- Smooth finish.
- IPE wood has no resin or splinters.
- 140 mm slats, th. 20 mm.
- Class IV, naturally rot-proof.
- Weight: 22 kg (1.00 x 0.90 m).
- As the decking is a natural material, colour and appearance may change over time.
- For indoor pools, the decking must be reinforced in the factory (to limit natural warping due to the lack of ventilation/aeration in the room).
- Dimension maximum of the decking: 1.40 m.
- Adhesion: Class R11 (according to EN 15165).



Examples of calculations:

Pool width 3.50 m: four 1.00 m elements + cut to size cost. Pool width 4.80 m: five 1.00 m elements + cut to size cost.

IPE wood decking							
Dimensions	< 75 cm	= 75 cm	up 75 to 89 cm	= 90 cm	up 91 to 115 cm	up 116 to 140 cm	Cut to size
Price unit	Per element	Per element STANDARD	Per element	Per element STANDARD	m²	m²	
IPE wood decking for outdoor pools	**493.00**	**408.00**	**549.00**	**473.00**	**676.00**	**676.00**	**150.00**
IPE wood decking for indoor pools				**Contact us***			**-**

*Special manufacturing lead time.

ALUMINIUM DECKING:

- 3 colours available: white, beige or grey.
- Elements assembled by slotting into each other.
- 2 possible aesthetics: the aluminium decking can be installed on either face.
- Dimension maximum of the decking: 1.40 m.
- Adhesion: Class R9 (according to EN 15165) - side 1 and 2.



Examples of calculations:

Pool width 3.50 m: four 1.00 m elements + cut to size cost. Pool width 4.80 m: five 1.00 m elements + cut to size cost.



Side 1 — **Alternating flat and ridges**

Side 2 — **All ridges**

The decking is delivered assembled and can be installed either with the visible side 1 or 2 visible depending on the chosen style.

Aluminium decking						
Dimensions	< 75 cm	= 75 cm	up 75 to 89 cm	= 90 cm	up 91 to 140 cm	Cut to size
Price unit	m²	Per element STANDARD	m²	Per element STANDARD	m²	
Aluminium decking	**576.00***	**294.00**	**576.00***	**326.00**	**576.00***	**150.00**

* Special manufacturing lead time.

INFO

Find out more about decking maintenance p. 420.

PRO HINT

For easier handling, think of our decking lifter see p. 115.

STEP 7: PACKING

See next page.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLIN PRICES

SCAN FOR QUICK CALCULATION

ROLLIN

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4 + 5

POOL WIDTH (up to...m)		2.00	2.50	3.00	3.50	4.00	4.50	5.00		
POOL LENGTH MAX (stairs included in m)		23.50	23.50	23.50	22.50	20.00	16.00	12.50	15.50	21.00
Models		E2.1-14.1	E2.1-14.1	E2.1-14.1	E2.1-14.1	E2.1-14.1	E2.1-14.2	E2.1-14.2	E3.1-14.2	E3.1-17.1
1 Mechanics		120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	120 Nm	250 Nm	250 Nm
Wall units for Ø 30 mm for ≤ 26 cm wall	W-KPSC02100	340.00	340.00	340.00	340.00	340.00	340.00	340.00	340.00	340.00
Wall units for non standard > 26 cm	W-KPSC02105	440.00	440.00	440.00	440.00	440.00	440.00	440.00	440.00	440.00
Wall units for Ø 45 mm	W-KPSC02101	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
Tube, motor and control box		4 677.00	4 772.00	4 803.00	4 828.00	4 879.00	4 887.00	4 912.00	5 881.00	6 611.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH										
Nordic white and anthracite grey opaque polycarbonate slats NEW		441.00	499.00	554.40	610.25	678.05	810.10	852.75	852.75	852.75
White and grey opaque PVC 84 slats		182.75	188.85	193.65	230.65	254.90	283.75	320.75	320.75	320.75
White, beige and grey opaque PVC 69 slats*		192.35	198.80	203.85	242.80	268.30	298.70	337.65	337.65	337.65
Blue opaque PVC 69 slats*		199.00	208.00	213.35	317.30	320.50	341.25	371.00	371.00	371.00
Solar polycarbonate slats*		441.00	499.00	554.40	610.25	678.05	810.10	852.75	852.75	852.75
3 Locking kits (find out the required number of kits depending on the pool dimensions on p. 193)										
Pushlock - Insert mount		39.80	39.80	39.80	59.70	59.70	59.70	59.70	59.70	59.70
Pushlock - Surface mount		84.30	84.30	84.30	126.45	126.45	126.45	126.45	126.45	126.45
Pushlock - Hanging		150.70	150.70	150.70	226.05	226.05	226.05	226.05	226.05	226.05
Pushlock automatic - All mount types		1 849.00	1 849.00	1 849.00	1 849.00	1 849.00	1 849.00	1 849.00	1 849.00	1 849.00
4 Beam supports										
Insert mount		200.70	200.70	200.70	200.70	200.70	200.70	200.70	200.70	200.70
Surface mount		312.95	312.95	312.95	312.95	312.95	312.95	312.95	312.95	312.95
Hanging mount		328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75
5 Beams for beams supports										
Insert mount - 100 x 100 mm		649.00	741.00	814.00	823.00	831.00	929.00	956.00	956.00	956.00
Insert mount - 120 x 100 mm		699.00	745.00	845.00	899.00	910.00	1 145.00	1 158.00	1 158.00	1 158.00
Surface mount or hanging mount - 100 x 100 mm		499.00	593.00	661.00	669.00	674.00	856.00	901.00	901.00	901.00
Surface mount or hanging mount - 120 x 100 mm		549.00	595.00	695.00	749.00	760.00	995.00	1 008.00	1 008.00	1 008.00
6 Decking (see our calculation example on p. 111)										
Aluminium - 1.00 x 0.90 m		652.00	1 128.00	978.00	1 454.00	1 304.00	1 780.00	1 630.00	1 630.00	1 630.00
IPE wood - 1.00 x 0.90 m for outdoor pool		946.00	1 569.00	1 419.00	2 042.00	1 892.00	2 515.00	2 365.00	2 365.00	2 365.00
7 Packing (net price) - Wooden cardboard packaging price: please contact us.										
Cardboard box (standard)		167.00	167.00	167.00	197.00	197.00	230.00	230.00	230.00	230.00

* Slats > 6 m, blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.
** Telescopic support included.
*** 2 beams with a middle support for pit of 70 to 90 cm.

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLIN PRICES

SCAN FOR QUICK CALCULATION

INFO

All our prices are in € excluding VAT.

6.00			7.00	8.00			9.00	10.00
8.50	17.00	21.50	20.00	14.50	16.50	20.00	18.50	16.50
E2.1-17.1	E3.1-17.1	E3.1-18.1	E3.1-18.1	E3.1-18.2	E4.1-18.2	E4.1-25.1	E4.1-25.1	E4.1-25.1
120 Nm	250 Nm	250 Nm	250 Nm	250 Nm	500 Nm	500 Nm	500 Nm	500 Nm
340.00	340.00	340.00	340.00	340.00	340.00	340.00	340.00	340.00
550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00	550.00
5 627.00	6 611.00	6 817.00	6 994.00	7 050.00	8 979.00	11 322.00	11 817.00	12 124.00
1 030.40	1 030.40	1 030.40	1 198.70	1 373.30	1 373.30	1 373.30	1 542.85	1 781.70
-	-	-	-	-	-	-	-	-
393.10	393.10	393.10	435.15	488.45	488.45	488.45	538.90	606.80
410.70	410.70	410.70	465.00	520.10	520.10	520.10	618.65	748.15
1 030.40	1 030.40	1 030.40	1 198.70	1 373.30	1 373.30	1 373.30	1 542.85	1 781.70
79.60	79.60	79.60	79.60	99.50	99.50	99.50	99.50	99.50
168.60	168.60	168.60	168.60	210.75	210.75	210.75	210.75	210.75
301.40	301.40	301.40	301.40	376.75	376.75	376.75	376.75	376.75
2 422.00	2 422.00	2 422.00	2 422.00	2 422.00	2 422.00	2 422.00	2 995.00	2 995.00
200.70	200.70	200.70	200.70	200.70	200.70	200.70	200.70	200.70
312.95	312.95	312.95	312.95	312.95	312.95	312.95	312.95	312.95
328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75	328.75
1 638.00**	1 638.00**	1 638.00**	2 082.00**	2 803.00**	2 803.00**	2 803.00**	3 381.00***	3 481.00***
1 364.00	1 364.00	1 364.00	3 281.00***	3 356.00***	3 356.00***	3 356.00***	3 531.00***	3 631.00***
1 586.00**	1 586.00**	1 586.00**	2 051.00**	2 678.00**	2 678.00**	2 678.00**	3 256.00***	3 356.00***
1 214.00	1 214.00	1 214.00	3 156.00***	3 231.00***	3 231.00***	3 231.00***	3 406.00***	3 506.00***
1 956.00	1 956.00	1 956.00	2 282.00	2 608.00	2 608.00	2 608.00	2 934.00	3 260.00
2 838.00	2 838.00	2 838.00	3 311.00	3 784.00	3 784.00	3 784.00	4 257.00	4 730.00
230.00	230.00	230.00	271.00	271.00	271.00	271.00	271.00	271.00

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLIN OPTIONS

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

SECURIWALL

Strong and solid, the separating wall is a relevant complement to the Rollin in case of renovation. See p. 118.



WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



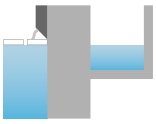
INFINITY POOL

Infinity water level control box for the french standard NF P90-308 compliance of the cover on overflow pool. More information on p. 339 of the control boxes chapter.

SWIMMING MODE



SAFETY MODE



MECHANICS

OPTION	DESCRIPTION		PRICE € EXCL. VAT
6-pin connector	Enables the wintering of the motor while guaranteeing the watertightness of the connections.		**283.05**
Wintering crank	Used to keep the slat on the tube during winter.		**249.10**
Liner protection	Protects the liner/on-site lining/waterproofing from slat friction.		**172.80**
Earth-grounding (with collar)	The earth grounding and its paddle clamp enable the removal of eddy currents to the ground (essential for metal panel pools).	Ø 50 mm	**53.65**
		Ø 63 mm	**55.00**
Stainless steel tube extra cost (pool widths up to 6 m maximum)	An alternative solution to meet your customers' expectations. A highly aesthetic finish thanks to the optimised tube treatment.		**1 575.00**

CONTROL

OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Maximum of 3 emitters per receiver.	**266.70**
Remote Wi-Key receiver box	Required if the emitter is installed far away from the receiver or if a building disrupts the passage of the radio waves.	**107.00**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**196.00**

IN-GROUND AUTOMATIC SLATTED COVERS / ROLLIN OPTIONS

OPTIONS

STEP UNIT - SLATS

DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white and anthracite grey opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White and grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige and grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide, for width and length kits (each)	**87.00**					

* Slats blue opaque PVC 69 and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.

LOCKING KIT (EACH)

VERSIONS	INSERT MOUNT	SURFACE MOUNT	HANGING MOUNT
	PRICE € EXCL. VAT		
Pushlock	**42.15**	**19.90**	**75.35**
Quicklock**	**142.40**	**131.00**	**158.45**
Quicklock tool**	**41.90**		
Straplock kit - concrete coping**	**135.80**	**101.35**	**78.30**
Straplock kit - wooden coping**	**144.50**	**110.05**	**87.00**
Pushlock automatic	**Prices as a package for a given pool width, see page 191.**		

** For solar polycarbonate slats, opaque polycarbonate slats and opaque PVC 69 slats only.

DECKING

OPTION	DESCRIPTION		PRICE € EXCL. VAT
Aluminium decking	Antislip tape (provide for one roll per decking)	18 m roll	**63.70**
	Cleaning product to prepare the surface to apply the antislip tape	1 litre	**53.55**
Decking lifter tool NEW	For an easier operation for pit cleaning.		**65.00**

OPTIONS

SUPPORT BRACKETS FOR DECKING WITHOUT BEAMS

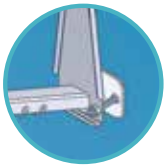
Option not available with decking sold by DEL.
These brackets are made to extend the copings above the pool and support the decking of the pit. This solution is particularly convenient for high water levels.



Top hanging bracket plate

Standard bracket (pit = 90 cm if > to 90 cm, contact us)

PRODUCT BONUS



• Coating protection.
The stainless steel pad covered with soft PVC avoids damaging on-site lining and liners. To erase the imperfections of the wall, a 2 mm self-adhesive elastomer seal is included with each bracket. The seal should be fitted between the wall and the on-site lining or liner.

• Easy maintenance.
The bracket can be removed without having to remove the coping.

INFO

If the pool is for heavy use (collective use), it is essential to provide for a higher number of brackets. In that case, contact our support department to adapt the number of brackets.

PRO HINT

To make on site installations easier, it is possible to order the following articles in advance:

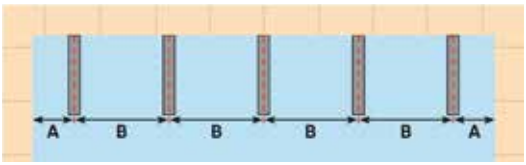
- The top hanging bracket plate
- The skimmer reinforcement (option 2)
- The liner protection wedge (option 3)

Please specify it on the order form.

▶ DECKING PLACED ON THE POOL SIDES

DECKING WEIGHT	
up to 50 kg/m²	from 50 to 100 kg/m²
B = 100 cm maximum	B = 50 cm maximum

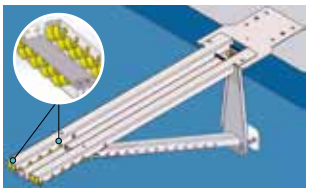
A = Closest to the edge or 10 cm maximum



INFO

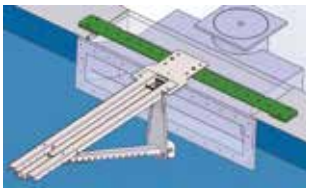
For decking supported only by brackets, refer to page 418.

▶ OPTION 1: WHEELS FOR HIGH WATER LEVEL



The wheels are installed on site, on standard brackets for high water level pools.

▶ OPTION 2: SKIMMER REINFORCEMENT KIT



This kit is used to install one or two brackets on a wide skimmer (up to 82 cm) without drilling/piercing it.

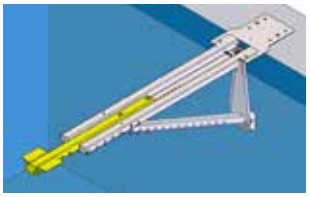
This kit enables the installation of a bracket even if there is no concrete to fix the bracket on.

▶ OPTION 3: LINER PROTECTION WEDGE



This option is for pools fitted with hung for which no levelling was made.

▶ OPTION 4: TELESCOPIC EXTENSION

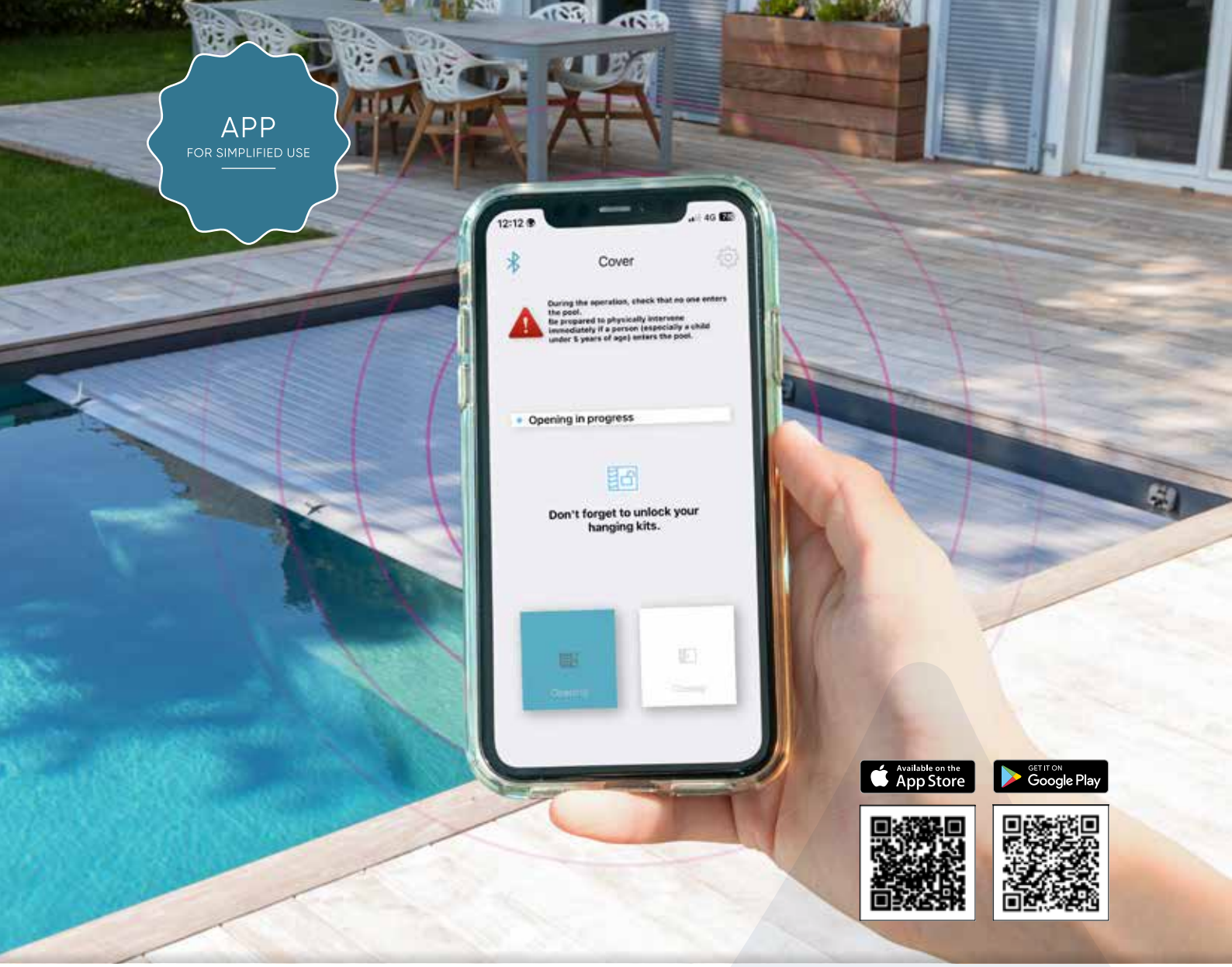


This option is for pits between 90 and 110 cm.

DESCRIPTION	PACKAGING	REF.	PRICE € EXCL. VAT
Support bracket for standard pit ≤ 90 cm with top hanging bracket plate	Each	**P-KEQU02100**	**587.00**
Option 1: Wheels for high water level	Per kit	**P-KKIT01700**	**37.85**
Option 2: Skimmer reinforcement (complete kit)	Per kit	**P-KREN01000**	**259.90**
Option 3: Liner protection wedge	Each	**P-KCAL01100**	**37.85**
Option 4: Telescopic extension for pits up to 110 cm	Each	**P-KRAL01100**	**169.45**

DON'T FORGET!

All the information on support brackets and the list of product compatibilities are on p. 418.



LivePool Cover

OPEN & CLOSE THE POOL **WITH A SINGLE CLIC!**

THANKS TO THE **LIVEPOOL COVER** APPLICATION

THE SMARTPHONE BECOMES A CONNECTED REMOTE CONTROL DEDICATED TO THE SLATTED COVER VIA A SECURE BLUETOOTH® CONNECTION

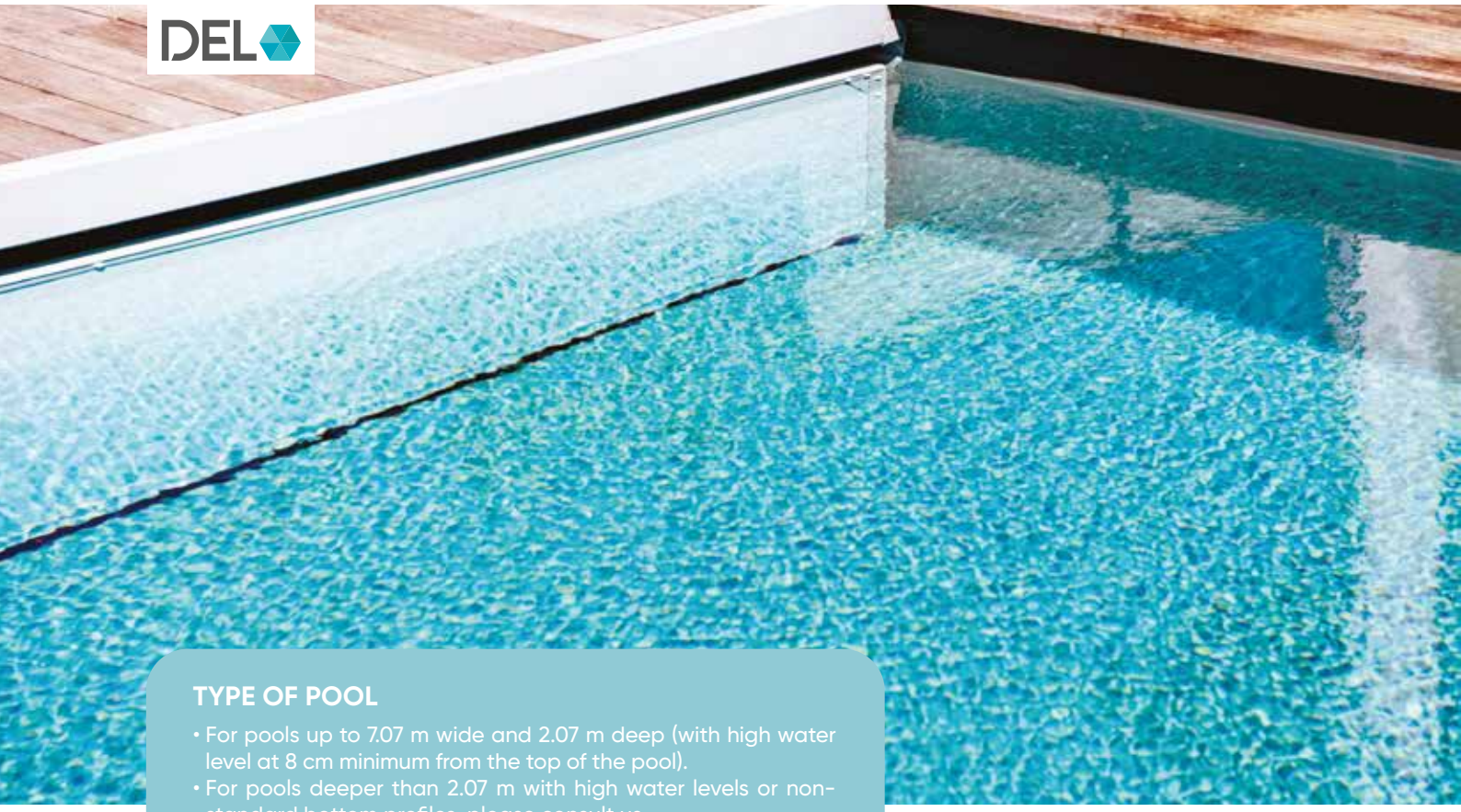
*Not compatible with solar version.

an app by **CF group**

AUTOMATIC SLATTED COVERS

SECURIWALL

A sturdy separating wall



TYPE OF POOL

- For pools up to 7.07 m wide and 2.07 m deep (with high water level at 8 cm minimum from the top of the pool).
- For pools deeper than 2.07 m with high water levels or non-standard bottom profiles, please consult us.

PRODUCT BONUS

+ Innovative design and materials.
+ Aesthetic finish and unequalled strength.
+ An essential complement to the Rollenergy Evolution and Rollin automatic slatted covers.
+ Easy installation, supplied fully assembled.

FOR ALL CONFIGURATIONS

- Securiwall adapts to all types of pools and bottom profiles (slopes and hoppers).

EASY TO INSTALL

- This separating wall is supplied fully assembled to make installation easier. Installation does not require the coping to be removed (except for the hanging plate option).

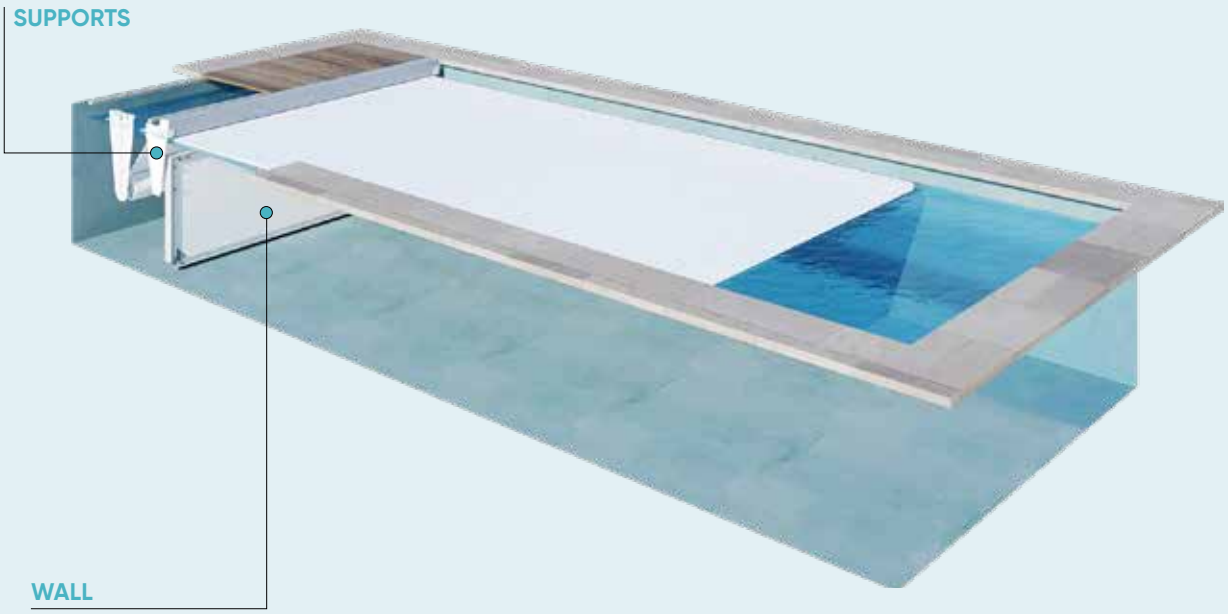
PRICES: Find all detailed prices on page 120.



DOWNLOAD AND SHARE THE ROLLIN MARKETING MATERIAL



MADE IN FRANCE | CF TRUST PRODUCT | 2 years WARRANTY | NF P NORM 90-308 SAFETY



SUPPORTS

- Made of white composite fiberglass, located behind the separating wall and therefore invisible.
- Special location for surface mount beam supports.
- 2 fixings available:
  - Standard fixing: surface mounted.
  - Hanging fixing: bracket mounted (optional).
- Colours identical to the wall.

WALL

- High mechanical strength: includes a frame manufactured in reinforced fiberglass.
- PVC panels, 40 mm thick.
- Light material.
- UV and chemical resistant.
- Excellent corrosion resistance.
- Available in 3 colours:

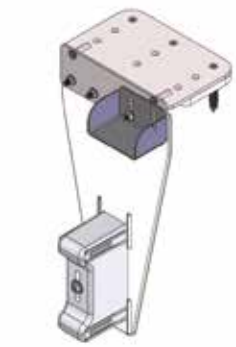
White | Beige | Grey*

* Not contractual.

OPTION

HANGING SUPPORTS

- The plates are fixed to the brackets with stainless steel plates installed on the pool edge under the coping.





SECURIWALL FOR FLAT BOTTOMS:

		Pool depth (in m)					
		≤ 1.07 m	≤ 1.32 m	≤ 1.57 m	≤ 1.82 m	≤ 2.07 m	≤ 2.32 m
STRAIGHT / WHITE UP TO							
Pool width	4.07 m	1 158.00	1 281.00	1 393.00	1 523.00	1 679.00	1 929.00
	5.07 m	1 652.00	1 780.00	1 923.00	2 072.00	2 247.00	2 583.00
	6.07 m	1 857.00	2 000.00	2 161.00	2 330.00	2 521.00	2 900.00
	7.07 m	2 060.00	2 223.00	2 402.00	2 590.00	2 799.00	3 218.00
STRAIGHT / COLOUR UP TO							
Pool width	4.07 m	1 584.00	1 684.00	1 903.00	2 012.00	2 240.00	2 576.00
	5.07 m	2 397.00	2 512.00	2 760.00	2 899.00	3 165.00	3 640.00
	6.07 m	2 704.00	2 840.00	3 116.00	3 272.00	3 540.00	4 071.00
PACKING (NET PRICE)							
Standard		37.00	37.00	37.00	37.00	37.00	37.00

SECURIWALL FOR HOPPER BOTTOMS:

		Pool depth (in m)				
		≤ 1.07 m	≤ 1.32 m	≤ 1.57 m	≤ 1.82 m	≤ 2.07 m
HOPPER / WHITE UP TO						
Pool width	4.07 m	1 328.00	1 447.00	1 563.00	1 687.00	1 762.00
	5.07 m	1 815.00	1 942.00	2 083.00	2 233.00	2 322.00
	6.07 m	2 018.00	2 160.00	2 324.00	2 491.00	2 593.00
	7.07 m	2 223.00	2 382.00	2 562.00	2 751.00	2 874.00
HOPPER / COLOUR UP TO						
Pool width	4.07 m	1 759.00	1 866.00	2 079.00	2 190.00	2 279.00
	5.07 m	2 588.00	2 681.00	2 929.00	3 064.00	3 174.00
	6.07 m	2 877.00	3 012.00	3 288.00	3 445.00	3 573.00
PACKING (NET PRICE)						
Standard		37.00	37.00	37.00	37.00	37.00

Securiwall option	
Hanging plates	521.00

INFO

All our prices are in € excluding VAT.

INFO

For pools deeper than 2.07 m, please consult us, we can carry out a specific study.

DEL SMART SERENITY

THE UNANIMOUS CHOICE FOR ABOVE-GROUND COVERS?

TIXIT BY DEL



Tixit offers **a signature of quality with modern design features** to enhance any garden: **discreet tinted aluminum end-stands** (available in three colors: white, grey, and black), **LED lighting** (electric version), and smart options like **remote control** (Livepool Cover, Wi-Key) and an integrated **audio system** (Pool Sound on the electric version).
Refined finishes, proven materials: **you save time, reduce after-sales service**, and keep your customers happy.

MADE IN FRANCE

3 years WARRANTY
MOTOR

More information on
my-cfgroup.fr

+33 (0)9 70 72 5000
info.fr@cf.group

a brand by **CF group**

ABOVE-GROUND AUTOMATIC SLATTED COVERS

TIXIT

A modern and elegant design to sublime your garden



TYPE OF POOL

• For pools from 2.00* x 3.00 m up to 5.00 x 13.50 m.

PRODUCT BONUS

+ Elegant and discreet end-stands.
+ End-stands design highlighted by LED lighting.
+ Pool Sound system (optional).

A CUSTOMISABLE ABOVE-GROUND AUTOMATIC COVER

• A choice of 3 end-stand colours.

HIGHLIGHTS THE GARDEN

• The end-stand light enhances the pool (for the electric version only).

SOLAR VERSION

• The solar version is specially adapted to renovation (no cable laying). Shipped with 2 high performance batteries and 1 solar panel with photovoltaic cells.

COMPATIBLE WITH ALL DEL SLAT MODELS

• Solar polycarbonate slats, opaque PVC 69 slats, opaque PVC 84 slats as well as our new opaque polycarbonate slats (nordic white colour only).

PRICES: Find all detailed prices on page 125 to 127.

* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).

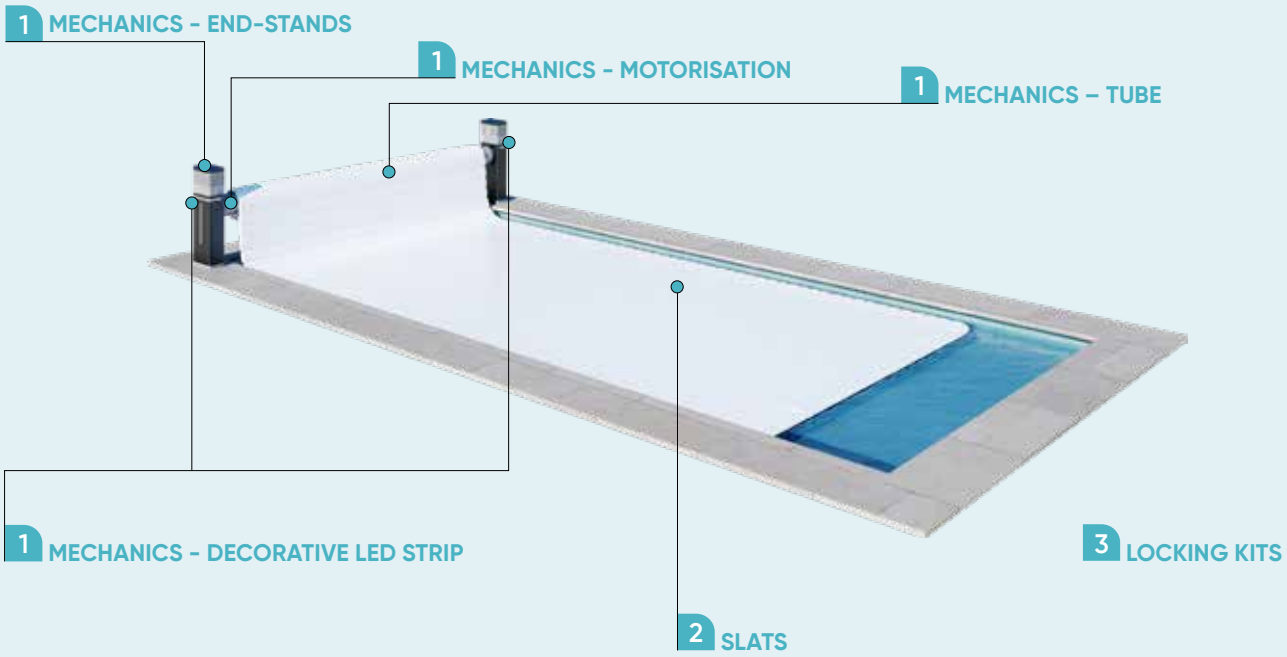




DOWNLOAD AND SHARE THE TIXIT MARKETING MATERIAL



MADE IN FRANCE · CF TRUST PRODUCT · LivePool COMPATIBLE · 2 years WARRANTY REEL SYSTEM · 3 years WARRANTY MOTOR · NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR TIXIT

STEP 1: MECHANICS

MOTORISATION:

Tubular electric motor
- Adjustable mechanical ends-of-runs, free-wheeling motor (used to unroll the slats in case of a motor breakdown and to keep the pool safe despite the absence of electricity).
- The motor service life is longer thanks to the bearings which support the tube and therefore the weight of the cover.
- Controlled by key switch, Wi-Key or LivePool Cover (option, excluding solar version).


Key switch


Wi-Key


LivePool Cover (option, cf. p. 127)

TUBE:

- 20-micron anodised aluminium.

END-STANDS:

- Electric or solar version available (new high-power panels with integrated overload protection).
- Coloured aluminium end-stands.
- A choice of 3 end-stand colours: white, grey or black.
- Compact end-stands (98 x 175 mm).
- **Sound option (Pool Sound): Bluetooth® speakers in the end-stand.**


White · Grey · Black

DECORATIVE LED STRIP:

- 12 V LEDs.
- On/off switch on the end-stand.
- Only for the electric version.

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
1 colour available



• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





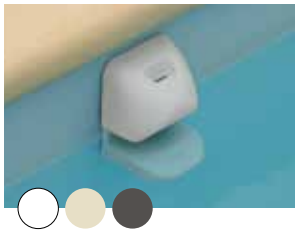
STEP 3 : LOCKING KITS

At the start and end of the automatic cover.

• **Pushlock** (See p. 192)
6 colours available



• **Quicklock** (See p. 193)
3 colours available



Unavailable with opaque PVC 84 slats.

• **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

These 3 photos display the surface mount version.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

STEP 4 : PACKING

See next page.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / ELECTRIC TIXIT PRICES

SCAN FOR QUICK CALCULATION

TIXIT

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

ELECTRIC TIXIT

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50		5.00
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.50	14.50	14.00	12.50	14.00	13.50
Models	**E1.1.T-12.3**	**E1.1.T-12.1**	**E1.1.T-12.1**	**E1.1.T-12.1**	**E1.1.T-12.2**	**E1.1.T-12.3**	**E1.1.T-13.1**	**E1.1.T-13.1**
1 Mechanics								
Height at tube centre	H 32	H 32	H 32	H 32	H 32	H 32	H 32	H 32
Tube, motor, control box and end-stands	2 744.00	2 798.00	2 849.00	2 878.00	2 994.00	3 075.00	3 298.00	3 298.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH								
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	810.10	810.10	852.75
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	283.75	320.75
White, beige or grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	298.70	337.65
Blue opaque PVC 69 slats*	199.00	208.00	213.35	317.30	320.50	341.25	341.25	371.00
Solar polycarbonate slats*	441.00	499.00	554.40	610.25	678.05	810.10	810.10	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)								
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.								
Cardboard box (standard)	125.00	125.00	125.00	160.00	160.00	191.00	191.00	191.00

* Blue PVC slats and solar polycarbonate (crystal, blue, green and brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / SOLAR TIXIT PRICES

SCAN FOR QUICK CALCULATION

TIXIT

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

SOLAR TIXIT

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50	5.00
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.50	14.50	13.50	12.00	11.00
Models	S1-1.1.T-12.3	S1-1.1.T-12.1	S1-1.1.T-12.1	S1-1.1.T-12.1	S1-1.1.T-12.2	S1-1.1.T-12.3	S1-1.1.T-13.1
1 Mechanics							
Height at tube centre	H 32	H 32	H 32	H 32	H 32	H 32	H 32
Tube, motor and end-stands	3 086.00	3 185.00	3 283.00	3 336.00	3 453.00	3 558.00	3 704.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH							
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	810.10	852.75
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	320.75
White, beige and grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	337.65
Blue opaque PVC 69 slats*	199.00	208.00	213.35	317.30	320.50	341.25	371.00
Solar polycarbonate slats*	441.00	499.00	554.40	610.25	678.05	810.10	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)							
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.							
Cardboard box (standard)	125.00	125.00	125.00	160.00	160.00	191.00	191.00

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



MECHANICS - Electric Tixit

OPTION	DESCRIPTION	PRICE € EXCL. VAT
Pool Sound	A Bluetooth® speaker integrated in each end-stand of the cover. Materials and components specially for outdoor use.*	**584.90**
Stop Salt control box	Informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).	**196.40**
Automatic stop	Function used to stop the opening if an abnormal strain is detected on the slats.	**146.50**

* Option not available when re-equipping a Tixit already delivered.

CONTROL - Electric Tixit

OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Used to install 3 emitters maximum per receiver.	**266.70**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**144.00**

CONTROL - Solar Tixit

OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Used to install 3 emitters maximum per receiver.	**266.70**

STEP UNIT - SLATS

DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White or grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide (each)	**87.00**					

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

ABOVE-GROUND AUTOMATIC SLATTED COVERS

CONTURA

Innovating design adapted to large sized pools



TYPE OF POOL

• For pools from 2.00* x 3.00 m to 10.00 x 20.50 m.

PRODUCT BONUS

+ Ideal for large sized pools.
+ Includes the advanced features of a modern above-ground cover.
+ Tube supported by bearing blocks to extend the life of the motor.
+ Adjustable feet.

AVAILABLE VERSIONS: ELECTRIC OR SOLAR

• Save electricity and installation time (no cables to lay), by choosing the solar version for pools up to 7.00 x 11.00 m supplied with 2 batteries and photovoltaïc panel.

COMPATIBLE WITH ALL DEL SLAT MODELS

• Solar polycarbonate slats, opaque PVC 69 slats, opaque PVC 84 slats as well as our new opaque polycarbonate slats (nordic white colour only).

PRICES: Find all detailed prices on page 132 to 136.

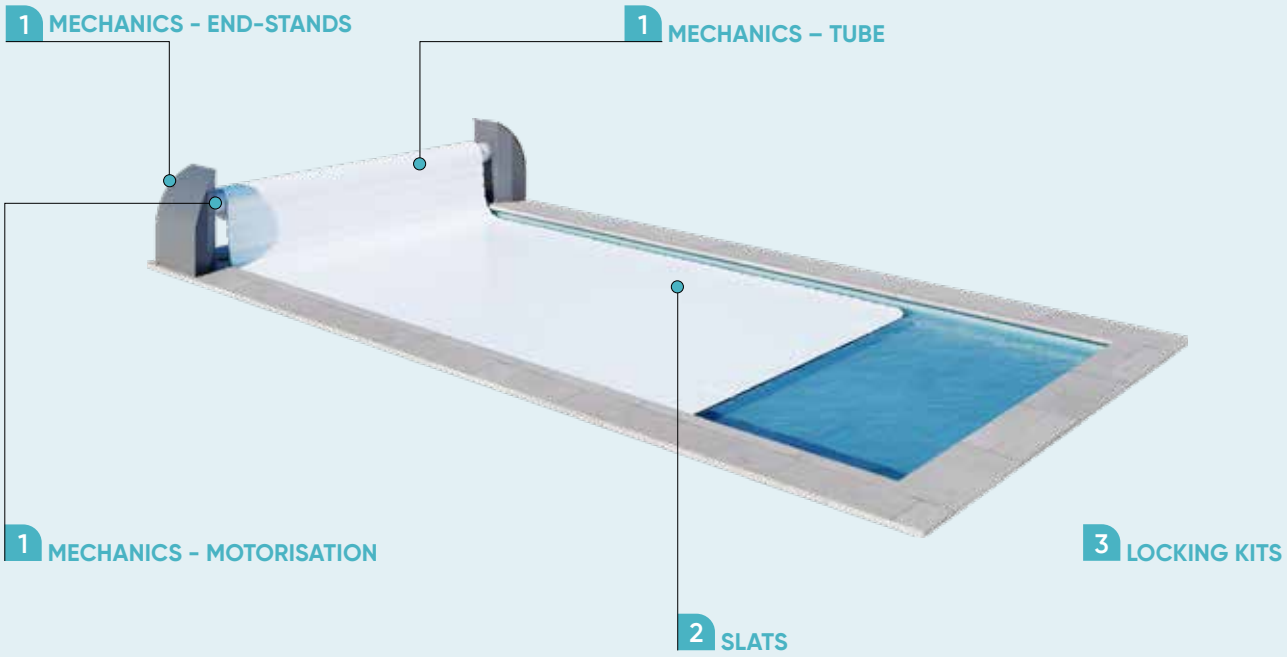
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).



DOWNLOAD AND SHARE THE CONTURA MARKETING MATERIAL



MADE IN FRANCE · CF TRUST PRODUCT · LivePool COMPATIBLE · 2 years WARRANTY REEL SYSTEM · 3 years WARRANTY MOTOR · NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR CONTURA

STEP 1: MECHANICS

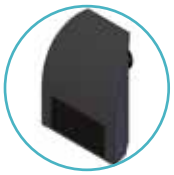
MOTORISATION:

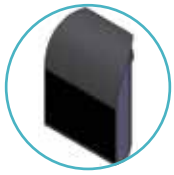
Electric version

- Adjustable mechanical ends-of-runs, removable without dismantling the reel system, freewheeling motor (used to unroll the slats in case of a breakdown and to keep the pool safe despite the absence of electricity).
- The lifespan of the motor is longer thanks to the bearings which support the tube and therefore the weight of the cover.
- 24 V high torque tubular motor.
- Electric control box with 200 VA transformer, protection by magnetic thermal circuit breaker (12 V) or fuse (24 V).

Solar version

- The end-stand has one or three solar panels depending on the pool size.


1 panel - Contura shaft height 32 cm.


3 panels - Contura shaft height 42 cm.

- Controlled by key switch, Wi-Key or LivePool Cover (option, excluding solar version).


Key switch


Wi-Key


LivePool Cover (option, cf. p. 136)

INFO

Mixed installation available: standard end-stand on the motor side, and wall mounting on the free side.



ABOVE-GROUND AUTOMATIC SLATTED COVERS / CONTURA

TUBE:

• 20-micron anodised aluminium.

END-STANDS:

Electric or solar version available

- **Electric version:**
  - Shaft height 32 cm (for pools up to 5.00 x 13.50 m).
  - Shaft height 42 cm (for pools up to 10.00 x 20.50 m).
- **Solar version (new high-power panels with integrated overload protection):**
  - Shaft height 32 cm (for pools up to 5.00 x 11.00 m).
  - Shaft height 42 cm (for pools up to 7.00 x 8.50 m).

Aluminium end-stands.
• Metal grey colour.
• Excellent resistance to impacts and scratches.
• High UV durability.

Adjustable feet used to adjust the end-stand levels if the coping is curved.

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
1 colour available



• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





ABOVE-GROUND AUTOMATIC SLATTED COVERS / CONTURA

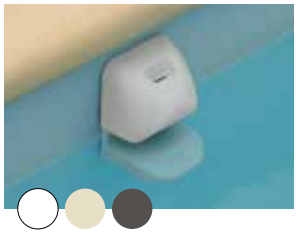
STEP 3: LOCKING KITS

At the start and end of the automatic cover.

- **Pushlock** (See p. 192)
  6 colours available



- **Quicklock** (See p. 193)
  3 colours available



Unavailable with opaque PVC 84 slats.

- **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

These 3 photos display the surface mount version.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

STEP 4: PACKING

See next page.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / ELECTRIC CONTURA PRICES

CONTURA

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

ELECTRIC CONTURA

POOL WIDTH (up to...m)	2.00	2.50		3.00	3.50		4.00	
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	28.50	15.50	14.50	28.00	14.00	27.00
Models	E2.4.T-12.3	E2.4.T-12.1	E2.4.T-16.2	E2.4.T-12.1	E2.4.T-12.1	E2.4.T-16.2	E2.4.T-12.2	E2.4.T-16.2
1 Mechanics								
Height at tube centre	H 32	H 32	H 42	H32	H32	H42	H32	H42
Tube, motor, control box and end-stands	2 896.00	2 970.00	4 362.00	2 996.00	3 094.00	4 362.00	3 161.00	4 362.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH								
Nordic white opaque polycarbonate slats NEW	441.00	499.00	499.00	554.40	610.25	610.25	678.05	678.05
White or grey opaque PVC 84 slats	182.75	188.85	188.85	193.65	230.65	230.65	254.90	254.90
White, beige or grey opaque PVC 69 slats*	192.35	198.80	198.80	203.85	242.80	242.80	268.30	268.30
Blue opaque PVC 69 slats*	199.00	208.00	208.00	213.35	317.30	317.30	320.50	320.50
Solar polycarbonate slats*	441.00	499.00	499.00	554.40	610.25	610.25	678.05	678.05
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)								
Insert mount	79.60	79.60	79.60	79.60	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	168.60	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	301.40	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.								
Cardboard box (standard)	125.00	125.00	125.00	125.00	160.00	160.00	160.00	160.00

* Slats > 6 m, blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / ELECTRIC CONTURA PRICES

SCAN FOR QUICK CALCULATION

4.50		5.00		6.00		7.00		8.00	9.00	10.00
12.50	26.00	13.50	26.50	22.00	26.50	15.50	24.50	22.50	22.50	20.50
E2.4.T-12.3	E2.4.T-16.2	E2.4.T-13.1	E2.4.T-17.1	E2.4.T-17.2	E3.4.TI-18.1	E2.4.T-18.1	E3.4.TI-18.1	E3.4.TI-18.2	E3.4.TI-25.1	E3.4.TI-25.1
H32	H42	H32	H42	H42	H42	H42	H42	H42	H42	H42
3 226.00	4 152.00	3 448.00	4 362.00	4 048.00	7 179.00	4 853.00	7 179.00	10 602.00	10 602.00	10 602.00
810.10	810.10	852.75	852.75	1 030.40	1 030.40	1 198.70	1 198.70	1 542.85	1 781.70	1 781.70
283.75	283.75	320.75	320.75	-	-	-	-	-	-	-
298.70	298.70	337.65	337.65	393.10	393.10	435.15	435.15	538.90	606.80	606.80
341.25	341.25	371.00	371.00	410.70	410.70	465.00	465.00	618.65	748.15	748.15
810.10	810.10	852.75	852.75	1 030.40	1 030.40	1 198.70	1 198.70	1 542.85	1 781.70	1 781.70
119.40	119.40	119.40	119.40	159.20	159.20	159.20	159.20	199.00	199.00	199.00
252.90	252.90	252.90	252.90	337.20	337.20	337.20	337.20	421.50	421.50	421.50
452.10	452.10	452.10	452.10	602.80	602.80	602.80	602.80	753.50	753.50	753.50
191.00	191.00	191.00	191.00	191.00	191.00	232.00	232.00	232.00	232.00	232.00

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / SOLAR CONTURA PRICES

CONTURA

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

SOLAR CONTURA

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.00	14.50	22.00
Models	S1-1.1.T-12.2	S1-1.1.T-12.1	S1-1.1.T-12.1	S1-1.1.T-12.1	S3-1.1.T-16.2
1 Mechanics					
Height at tube centre	H 32	H 32	H 32	H 32	H 42
Tube, motor and end-stands	3 678.00	3 750.00	3 806.00	3 885.00	5 196.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH					
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	610.25
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	230.65
White, beige or grey opaque PVC 69 slats*	192.35	198.80	203.85	242.80	242.80
Blue opaque PVC 69 slats*	199.00	208.00	213.35	317.30	317.30
Solar polycarbonate slats*	441.00	499.00	554.40	610.25	610.25
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)					
Insert mount	79.60	79.60	79.60	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.					
Cardboard box (standard)	125.00	125.00	125.00	160.00	160.00

* Slats > 6 m, blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / SOLAR CONTURA PRICES

SCAN FOR QUICK CALCULATION

4.00		4.50		5.00		6.00	7.00
13.50	19.00	12.00	17.00	11.00	15.50	12.50	8.50
S1-1.1.T-12.2	S3-1.1.T-16.2	S1-1.1.T-12.3	S3-1.1.T-16.2	S1-1.1.T-13.1	S3-1.1.T-17.1	S3-1.1.T-17.2	S3-1.1.T-18.1
H 32	H 42	H 32	H 42	H 32	H 42	H 42	H 42
3 946.00	5 196.00	3 988.00	5 196.00	4 102.00	5 196.00	5 242.00	6 213.00
678.05	678.05	810.10	810.10	852.75	852.75	1 030.40	1 198.70
254.90	254.90	283.75	283.75	320.75	320.75	-	-
268.30	268.30	298.70	298.70	337.65	337.65	393.10	435.15
320.50	320.50	341.25	341.25	371.00	371.00	410.70	465.00
678.05	678.05	810.10	810.10	852.75	852.75	1 030.40	1 198.70
119.40	119.40	119.40	119.40	119.40	119.40	159.20	159.20
252.90	252.90	252.90	252.90	252.90	252.90	337.20	337.20
452.10	452.10	452.10	452.10	452.10	452.10	602.80	602.80
160.00	160.00	191.00	191.00	191.00	191.00	191.00	232.00

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



ELECTRIC CONTURA

MECHANICS		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Stop Salt control box	Informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers). Option included as standard for models from 6 x 22.50 m, 7 x 16 m, 8 x 12 m and widths 9 m and 10 m.	**196.40**
Automatic stop	A circuit board used to stop the opening if an abnormal strain is detected on the slats.	**146.50**

CONTROL		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Maximum of 3 emitters per receiver.	**266.70**
Remote Wi-Key receiver box	Required if the emitter is installed in a location far away from the receiver or if a building interferes with radio wave passage.	**107.00**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**144.00**

SOLAR CONTURA

MECHANICS		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Automatic stop	A circuit board used to stop the opening if an abnormal strain is detected on the slats.	**146.50**

CONTROL		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Maximum of 3 emitters per receiver.	**266.70**
Remote Wi-Key receiver box	Required if the emitter is installed in a location far away from the receiver or if a building interferes with radio wave passage.	**107.00**

ABOVE-GROUND AUTOMATIC SLATTED COVERS / CONTURA OPTIONS

OPTIONS

STEP UNIT - SLATS						
DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White or grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide (each)	**87.00**					

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

ABOVE-GROUND AUTOMATIC SLATTED COVERS

MOON

A unique and customisable design



TYPE OF POOL

• For pools from 2.00* x 3.00 m to 5.00 x 13.50 m.

PRODUCT BONUS

+ End-stands and central disc with customisable colour.
+ Includes the advanced features of a modern above-ground cover.
+ Tube supported by bearings to extend the lifespan of the motor.

A CUSTOMISABLE ABOVE-GROUND AUTOMATIC COVER

• Choose your end-stand and central disk colour or specify your requested RAL end-stands as an option.

AVAILABLE VERSIONS: ELECTRIC OR SOLAR

• The solar version is specially adapted to renovation (no cable laying), for pools up to 5.00 x 11.00 m.

COMPATIBLE WITH ALL DEL SLAT MODELS

• Solar polycarbonate slats, opaque PVC 69 slats, opaque PVC 84 slats as well as our new opaque polycarbonate slats (nordic white colour only).

PRICES: Find all detailed prices on page 142 to 145.

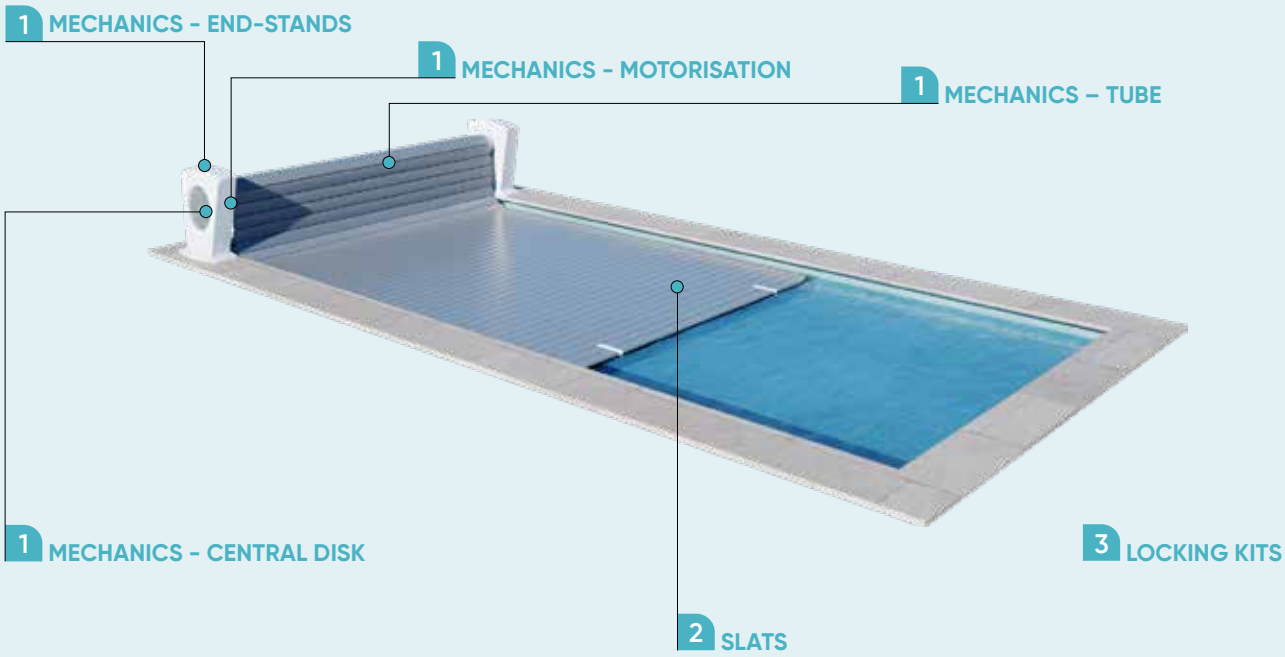
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).



DOWNLOAD AND SHARE THE MOON MARKETING MATERIAL



MADE IN FRANCE · CF TRUST PRODUCT · LivePool COMPATIBLE · 2 years WARRANTY REEL SYSTEM · 3 years WARRANTY MOTOR · NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR MOON

STEP 1: MECHANICS

MOTORISATION:

Tubular electric motor
- Adjustable mechanical end-of-runs, freewheeling motor (used to unroll the slats in case of a motor breakdown and to keep the pool safe despite the absence of electricity).
- The lifespan of the motor is longer thanks to the bearings which support the tube and therefore the weight of the cover.
- Controlled by key switch, Wi-Key or LivePool Cover (option, excluding solar version).


Key switch


Wi-Key


LivePool Cover (option, cf. p. 145)

TUBE:

- 20-micron anodised aluminium.

END-STANDS:

Electric or solar version available.
Composite thermoplastic structure
- Metallic champagne grey or shiny ice white.
- Excellent resistance to impacts and scratches.
- End stand colour on request (option)
- Removable end-stands to facilitate the maintenance.

Electric version: electrical box (230 V).
Solar version: photovoltaïc panel and high quality batteries.
Aluminium frames, 3 mm thick, grey polyester powder coating.
Blocks used to adjust the end-stand's levelness.



INFO

An automatic cover can be manufactured with one side fitted with a customised end-stand on the ground and the other with a wall mounted system.



ABOVE-GROUND AUTOMATIC SLATTED COVERS / MOON

END-STAND AND CENTRAL DISK

• A selection of 2 end-stand colours and 7 disk colours.
• Other end-stand and central disk colours on request (specify your RAL on the order form).

Solar panel

Central disk for solar version:
- Motor side: solar panel
- Free side: choice of colour (cf. disk colours)

END-STAND COLOURS

Shinny RAL 9016 white

Champagne grey

CENTRAL DISK COLOURS

Blue | Shinny RAL 9016 white | Champagne grey | Concrete grey

Black | Anis green | Wood

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
1 colour available



• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





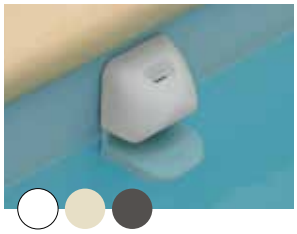
STEP 3: LOCKING KITS

At the start and end of the automatic cover.

- **Pushlock** (See p. 192)
  6 colours available



- **Quicklock** (See p. 193)
  3 colours available



Unavailable with opaque PVC 84 slats.

- **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

These 3 photos display the surface mount version.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

STEP 4: PACKING

See next page.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / ELECTRIC MOON PRICES

SCAN FOR QUICK CALCULATION

MOON

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

ELECTRIC MOON

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50		5.00
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.50	14.50	14.00	12.50	14.00	13.50
Models	E1.1.T-12.3	E1.1.T-12.1	E1.1.T-12.1	E1.1.T-12.1	E1.1.T-12.2	E1.1.T-12.3	E1.1.T-13.1	E1.1.T-13.1
1 Mechanics								
Height at tube centre	H 32	H 32	H 32	H 32	H 32	H 32	H 32	H 32
Tube, motor, control box and end-stands	2 198.00	2 246.00	2 478.00	2 365.00	2 599.00	2 653.00	2 848.00	2 848.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH								
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	810.10	810.10	852.75
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	283.75	320.75
White, beige or grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	298.70	337.65
Blue opaque PVC 69 slats*	199.00	208.00	213.35	317.30	320.50	341.25	341.25	371.00
Solar polycarbonate slats*	441.00	499.00	554.40	610.25	678.05	810.10	810.10	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)								
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.								
Cardboard box (standard)	125.00	125.00	125.00	160.00	160.00	191.00	191.00	191.00

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / SOLAR MOON PRICES

SCAN FOR QUICK CALCULATION

MOON

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

SOLAR MOON

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50	5.00
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.50	14.50	13.50	12.00	11.00
Models	**S1-1.1.T-12.3**	**S1-1.1.T-12.1**	**S1-1.1.T-12.1**	**S1-1.1.T-12.1**	**S1-1.1.T-12.2**	**S1-1.1.T-12.3**	**S1-1.1.T-13.1**
1 Mechanics							
Height at tube centre	H 32	H 32	H 32	H 32	H 32	H 32	H 32
Tube, motor and end-stands	2 917.00	2 975.00	3 063.00	3 189.00	3 333.00	3 407.00	3 605.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH							
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	678.05	678.05	852.75	852.75
White or grey opaques PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	320.75
White, beige or grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	337.65
Blue opaque PVC 69 slats*	199.00	208.00	213.35	320.50	320.50	341.25	371.00
Solar polycarbonate slats*	441.00	499.00	554.40	678.05	678.05	852.75	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)							
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.							
Cardboard box (standard)	125.00	125.00	125.00	160.00	160.00	191.00	191.00

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



ELECTRIC MOON

MECHANICS		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
End-stand colour on demand (per pair)*	For even more customisation, choose your own colour for the end-stand. Let us know the RAL you want for the end-stands.	**748.00**
Central disk colour on demand (per pair)*	For even more customisation, choose your own colour for the central disk.	**428.00**
Stop Salt control box	Informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).	**196.40**
Automatic stop	A circuit board used to stop the opening if an abnormal strain is detected on the slats.	**146.50**
CONTROL		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Used to install 3 emitters maximum per receiver.	**266.70**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**144.00**

* Extra production lead time: standard lead time + 3 weeks.

SOLAR MOON

MECHANICS		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
End-stand colour on demand (per pair)*	For even more customisation, choose your own colour for the end-stand. Let us know the RAL you want for the end-stands.	**748.00**
Central disk colour on demand (per pair)*	For even more customisation, choose your own colour for the central disk.	**428.00**
Automatic stop	A circuit board used to stop the opening if an abnormal strain is detected on the slats.	**146.50**
CONTROL		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Used to install 3 emitters maximum per receiver.	**266.70**

* Extra production lead time: standard lead time + 3 weeks.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / MOON OPTIONS

OPTIONS

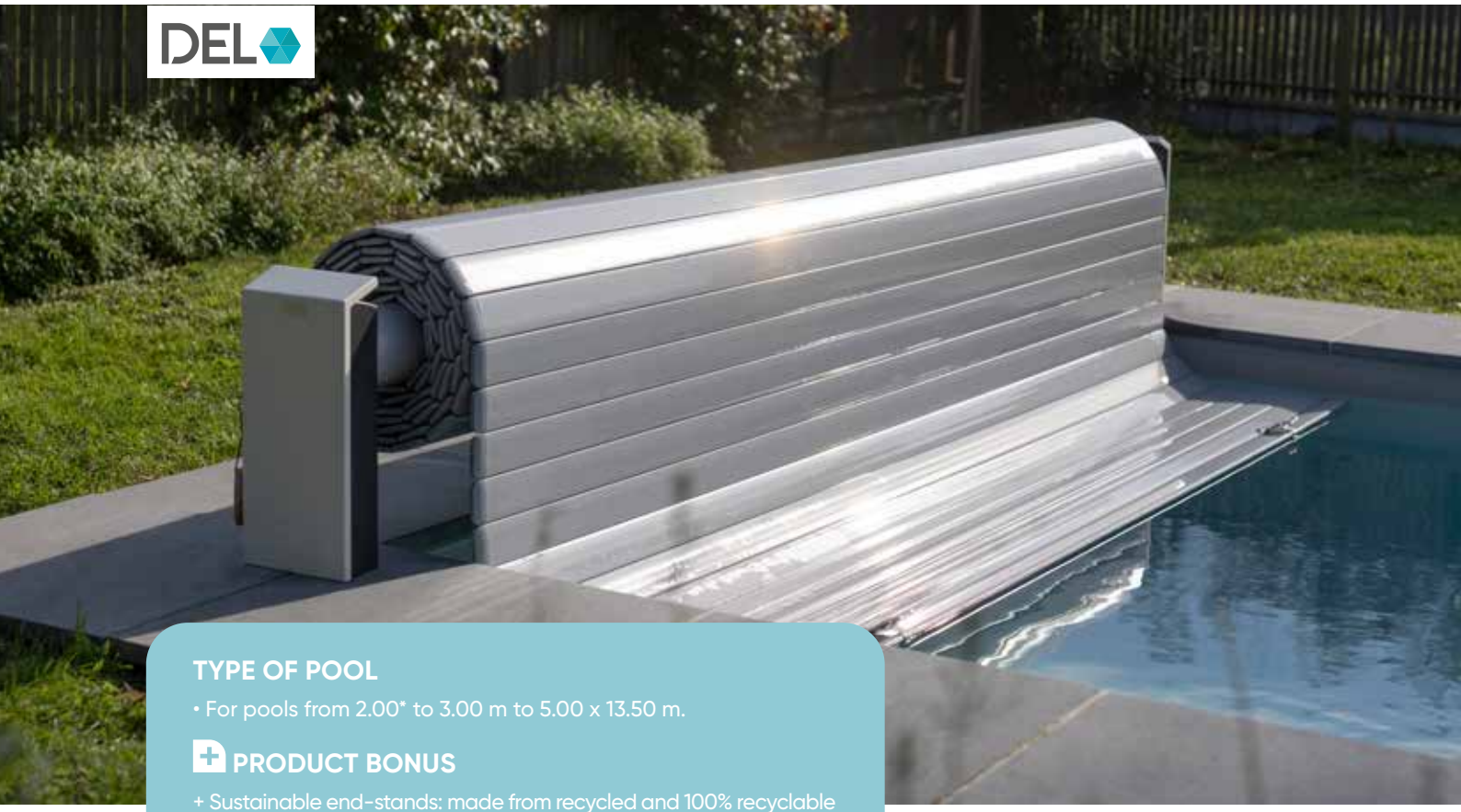
STEP UNIT - SLATS						
DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White or grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)			**356.00**			
Overflow guide (each)			**87.00**			

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

ABOVE-GROUND AUTOMATIC SLATTED COVERS

PURE SERIE

The elegance of a durable automatic slatted cover, with a pure design



TYPE OF POOL

• For pools from 2.00* to 3.00 m to 5.00 x 13.50 m.

PRODUCT BONUS

+ Sustainable end-stands: made from recycled and 100% recyclable materials.
+ Elegant design, acclaimed by consumers.
+ Discretion through minimal space requirements.

A CUSTOMISABLE ABOVE-GROUND AUTOMATIC COVER

• A choice of 3 end-stand colours.

AVAILABLE WITH 2 TYPES OF CONTROL BOX

New above-ground automatic cover available with:
- our new Plug and Start box for easy installation
- our traditional control box

COMPATIBLE WITH ALL DEL SLAT MODELS

• Solar polycarbonate slats, opaque PVC 69 slats, opaque PVC 84 slats as well as our new opaque polycarbonate slats (nordic white colour only).

PRICES: Find all detailed prices on page 149-150.

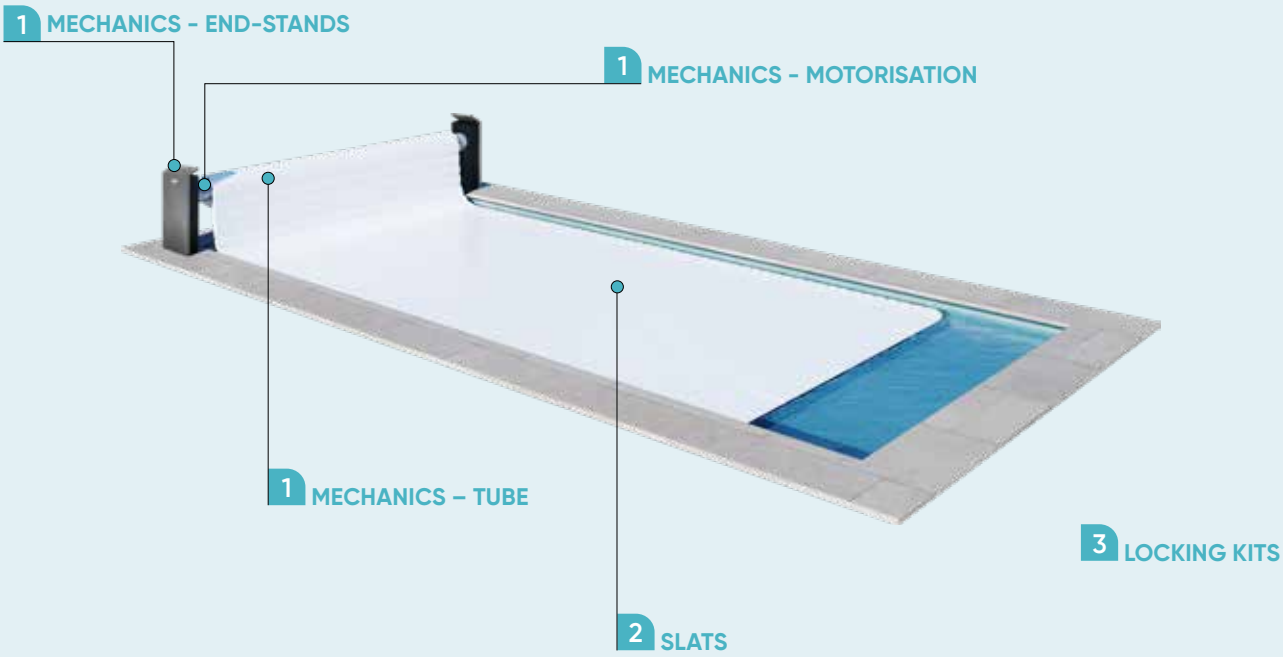
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).



DOWNLOAD AND SHARE THE PURE SERIE MARKETING MATERIAL



MADE IN FRANCE | CF TRUST PRODUCT | 2 years WARRANTY REEL SYSTEM | 3 years WARRANTY MOTOR | NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR PURE SERIE

STEP 1: MECHANICS

MOTORISATION:

- The lifespan of the motor is longer and therefore the weight of the cover.
- 12 V low voltage electric tubular motor with ends-of-runs.
- Electrical control box available in 2 versions:
  - New Plug and Start box easy to install even for non professional electrician (power socket, external connectors and front-facing controls).
  - Box with traditionnal wirring and resettable circuit breaker.

Controlled by key switch or Wi-Key.


Plug and Start electrical control box

NEW


Key switch


Wi-Key

TUBE:

- 20-micron anodised aluminium.

END-STANDS:

- Materials:
  - Dock: black polypropylene, 30% of which is fiberglass and 70% of recycled materials.
  - Front: aluminium with textured paint.
- Front available in 3 colours: white, grey, anthracite grey.
- 100% recyclable.

COLOURS


White | Grey | Anthracite grey

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
1 colour available



• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





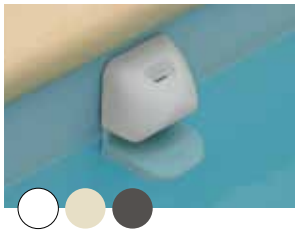
STEP 3 : LOCKING KITS

At the start and end of the automatic cover.

• **Pushlock** (See p. 192)
6 colours available



• **Quicklock** (See p. 193)
3 colours available



Unavailable with opaque PVC 84 slats.

• **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

These 3 photos display the surface mount version.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

STEP 4 : PACKING

See next page.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / PURE SERIE PRICES

SCAN FOR QUICK CALCULATION

PURE SERIE

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

PURE SERIE ELECTRIC VERSION

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50		5.00
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.50	14.50	14.00	12.50	14.00	13.50
Models	E1.1.T-12.3	E1.1.T-12.1	E1.1.T-12.1	E1.1.T-12.1	E1.1.T-12.2	E1.1.T-12.3	E1.1.T-13.1	E1.1.T-13.1
1 Mechanics								
Height at tube centre	H 32	H 32	H 32	H 32	H 32	H 32	H 32	H 32
Tube, motor, control box and end-stands	2 118.00	2 183.00	2 198.00	2 290.00	2 350.00	2 398.00	2 540.00	2 540.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH								
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	810.10	810.10	852.75
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	283.75	320.75
White, beige or grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	298.70	337.65
Blue opaque PVC 69 slats*	199.00	208.00	213.35	317.30	320.50	341.25	341.25	371.00
Solar polycarbonate slats*	441.00	499.00	554.40	610.25	678.05	810.10	810.10	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)								
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.								
Cardboard box (standard)	125.00	125.00	125.00	160.00	160.00	191.00	191.00	191.00

* Blue opaque PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



MECHANICS

OPTION	DESCRIPTION	PRICE € EXCL. VAT
Stop Salt control box	Informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).	**196.40**
Automatic stop	A circuit board used to stop the opening of an anormal strain is detected on the slats.	**146.50**

STEP UNIT - SLATS

DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White or grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide (each)	**87.00**					

* Blue opaque PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

AN URGENT JOB-SITE?

Your slatted cover manufactured in 5 days*

This is possible with the

SPEEDY **Slatted Cover**



USEFUL TO KNOW

For speedy slatted cover service orders, a surcharge of +10% will be applied to your automatic slatted cover price, whatever the period.



Find all the conditions of use of the high-speed services on page 511.

ABOVE-GROUND AUTOMATIC SLATTED COVERS

ROLLEASY 2

The easiest cover to install



TYPE OF POOL

• For pools from 2.00* x 3.00 m to 8.00 x 14.00 m.

PRODUCT BONUS

+ Accessible model with all the functions of a modern cover.
+ Proven robust end-stands.
+ Choice of 5 end-stand colours.

AVAILABLE VERSIONS

• The Rolleasy 2 is available in 3 versions: electric, solar or manual. The solar version (for pools up to 5.00 x 11.00 m) is delivered with 2 batteries, 1 solar panel with photovoltaic cells. For the manual version, its gear box provides effortless slat rolling and unrolling.

COMPATIBLE WITH ALL DEL SLAT MODELS

• Solar polycarbonate slats, opaque PVC 69 slats, opaque PVC 84 slats as well as our new opaque polycarbonate slats (nordic white colour only).

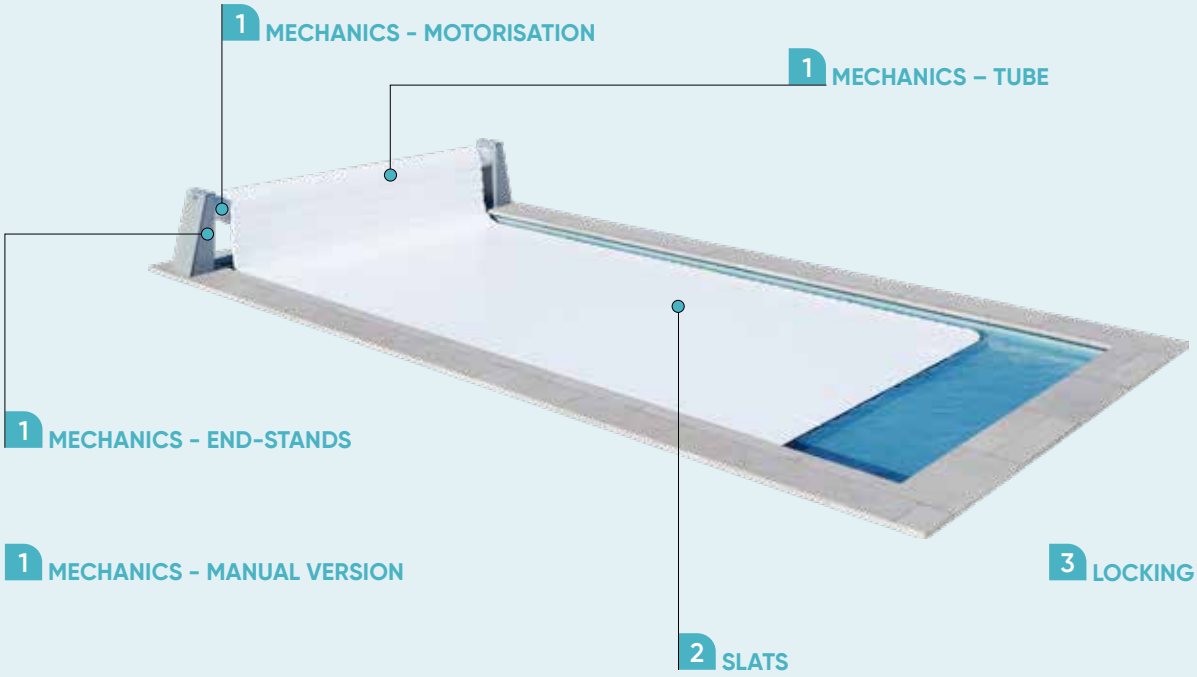
PRICES: Find all detailed prices on page 156 to 160.

* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats).



DOWNLOAD AND SHARE THE ROLLEASY 2 MARKETING MATERIAL





Below are details of each numbered item.

CUSTOMISE YOUR ROLLEASY 2

STEP 1: MECHANICS

MOTORISATION:

- The lifespan of the motor is longer thanks to the bearings which support the tube and therefore the weight of the cover.
- 12 V or 24 V low voltage electric tubular motor.

Electric and solar versions available:

- **Electric version:** electrical box (230 V).
- **Solar version:** photovoltaïc high-power panels with integrated overload protection and high quality batteries.
- Controlled by key switch, supplied with 2 keys.



Key switch

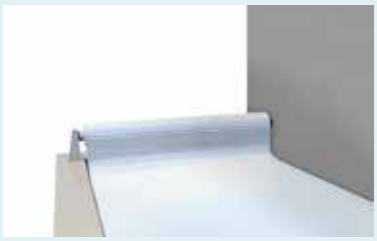
MANUAL VERSION:

- Removable manual wheel.
- 15/1 gear box with stainless steel ball bearings on the wheel side for an easier manipulation.



INFO

Mixed installation available: standard end-stand on the motor side, and wall mounting on the free side.



ABOVE-GROUND AUTOMATIC COVERS / ROLLEASY 2

TUBE:

• 20-micron anodised aluminium.

END-STANDS:

• **Electric version:**
- Shaft height at 32 cm (for pools up to 5.00 x 13.50 m).
- Shaft height at 37 cm (for pools up to 8.00 x 7.50 m).

• **Solar/manual version:**
- Shaft height at 32 cm (for pools up to 5.00 x 11.00 m).

White lacquered aluminium
• Customised end-stands available according to the colours from our selection.


RAL1015 beige


RAL7040 grey


RAL6005 green


RAL7016 dark grey


RAL9005 black

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
1 colour available



• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





ABOVE-GROUND AUTOMATIC COVERS / ROLLEASY 2

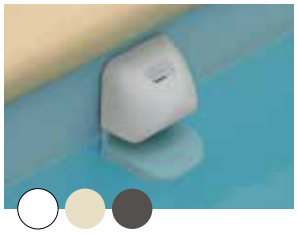
STEP 3 : LOCKING KITS

At the start and end of the automatic cover.

- **Pushlock** (See p. 192)
  6 colours available



- **Quicklock** (See p. 193)
  3 colours available



Unavailable with opaque PVC 84 slats.

- **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

These 3 photos display the surface mount version.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

STEP 4 : PACKING

See next page.

ABOVE-GROUND AUTOMATIC COVERS / ELECTRIC ROLLEASY 2 PRICES

SCAN FOR QUICK CALCULATION

ROLLEASY 2

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

ROLLEASY 2 ELECTRIC VERSION

POOL WIDTH (up to...m)	2.00	2.50	3.00		3.50	
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.50	21.00	14.50	21.00
Models	E1.1.T-12.2	E1.1.T-12.1	E1.1.T-12.1	E1.1.T-16.2	E1.1.T-12.1	E1.1.T-16.2
1 Mechanics: tube, motor, control box and end-stands						
Height at tube centre	H 32	H 32	H 32	H 37	H 32	H 37
White end-stands	1 918.00	1 983.00	2 005.00	3 067.00	2 074.00	3 067.00
Colour end-stands*	2 165.00	2 243.00	2 269.00	3 289.00	2 340.00	3 289.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH						
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	554.40	610.25	610.25
White or grey opaque PVC 84 slats	182.75	188.85	193.65	193.65	230.65	230.65
White, beige or grey opaque PVC 69 slats**	192.35	198.80	203.85	203.85	242.80	242.80
Blue opaque PVC 69 slats**	199.00	208.00	213.35	213.35	317.30	317.30
Solar polycarbonate slats**	441.00	499.00	554.40	554.40	610.25	610.25
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)						
Insert mount	79.60	79.60	79.60	79.60	119.40	119.40
Surface mount	168.60	168.60	168.60	168.60	252.90	252.90
Hanging mount	301.40	301.40	301.40	301.40	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.						
Cardboard box (standard)	111.00	111.00	111.00	111.00	141.00	141.00

* Additional lead time: standard lead time + 10 days.
** Slats > 6 m, blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC COVERS / ELECTRIC ROLLEASY 2 PRICES

SCAN FOR QUICK CALCULATION

4.00		4.50		5.00		6.00	7.00	8.00
14.00	20.50	12.50	21.00	13.50	20.00	15.00	18.50	14.00
E1.1.T-12.2	E1.1.T-16.2	E1.1.T-12.3	E1.1.T-18.1	E1.1.T-13.1	E1.1.T-17.1	E1.1.T-17.2	E2.4-T-18.1	E2.4.T-18.2
H 32	H 37	H 32	H 37	H 32	H 37	H 37	H 37	H 37
2 146.00	3 067.00	2 178.00	4 876.00	2 330.00	3 441.00	3 961.00	4989.00	5 771.00
2 413.00	3 289.00	2 448.00	5 006.00	2 592.00	3 691.00	4 135.00	5119.00	5 853.00
678.05	678.05	810.10	810.10	852.75	852.75	1 030.40	1 198.70	1 373.30
254.90	254.90	283.75	283.75	320.75	320.75	-	-	-
268.30	268.30	298.70	298.70	337.65	337.65	393.10	435.15	488.45
320.50	320.50	341.25	341.25	371.00	371.00	410.70	465.00	520.10
678.05	678.05	810.10	810.10	852.75	852.75	1 030.40	1 198.70	1 373.30
119.40	119.40	119.40	119.40	119.40	119.40	159.20	159.20	199.00
252.90	252.90	252.90	252.90	252.90	252.90	337.20	337.20	421.50
452.10	452.10	452.10	452.10	452.10	452.10	602.80	602.80	753.50
141.00	141.00	171.00	171.00	171.00	171.00	171.00	213.00	213.00

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC COVERS / SOLAR ROLLEASY 2 PRICES

SCAN FOR QUICK CALCULATION

ROLLEASY 2

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

ROLLEASY 2 SOLAR VERSION

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50	5.00
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.50	14.50	13.50	12.00	11.00
Models	S1-1.1.T-12.2	S1-1.1.T-12.1	S1-1.1.T-12.1	S1-1.1.T-12.1	S1-1.1.T-12.2	S1-1.1.T-12.3	S1-1.1.T-13.1
1 Mechanics: tube, motor and end-stands							
Height at tube centre	H 32	H 32	H 32	H 32	H 32	H 32	H 32
White end-stands	2 284.00	2 362.00	2 388.00	2 464.00	2 505.00	2 556.00	2 689.00
Colour end-stands*	2 508.00	2 599.00	2 629.00	2 706.00	2 753.00	2 806.00	2 931.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH							
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	810.10	852.75
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	320.75
White, beige or grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	337.65
Blue opaque PVC 69 slats**	199.00	208.00	213.35	317.30	320.50	341.25	371.00
Solar polycarbonate slats**	441.00	499.00	554.40	610.25	678.05	810.10	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)							
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.							
Cardboard box (standard)	111.00	111.00	111.00	141.00	141.00	171.00	171.00

* Additional lead time: standard lead time + 10 days.
** Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC COVERS / MANUAL ROLLEASY 2 PRICES

SCAN FOR QUICK CALCULATION

ROLLEASY 2

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

ROLLEASY 2 MANUAL

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50	5.00
MAX POOL LENGTH (stairs included, in m)	15.50	15.50	15.00	14.50	14.00	12.50	13.50
Models	**MM-12.2**	**MM-12.1**	**MM-12.1**	**MM-12.1**	**MM-12.2**	**MM-12.3**	**MM-13.1**
1 Mechanics: tube and end-stands							
Height at tube centre	H 32	H 32	H 32	H 32	H 32	H 32	H 32
White end-stands	1 209.00	1 250.00	1 264.00	1 309.00	1 355.00	1 377.00	1 427.00
Colour end-stands*	1 493.00	1 547.00	1 565.00	1 613.00	1 663.00	1 689.00	1 735.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH							
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	810.10	852.75
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	320.75
White, beige or grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	337.65
Blue opaque PVC 69 slats**	199.00	208.00	213.35	317.30	320.50	341.25	371.00
Solar polycarbonate slats**	441.00	499.00	554.40	610.25	678.05	810.10	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)							
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.							
Cardboard box (standard)	111.00	111.00	111.00	141.00	141.00	171.00	171.00

* Additional lead time: standard lead time + 10 days.
** Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

OPTIONS

SPEEDY MANUFACTURING - SPEEDY SLATTED COVER

Urgent order? Your automatic cover is manufactured in 5 days using our speed service.
The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



MECHANICS - Electric Rolleasy 2

OPTION	DESCRIPTION	PRICE € EXCL. VAT
Stop Salt control box	Informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).	**196.40**

CONTROL - Electric Rolleasy 2

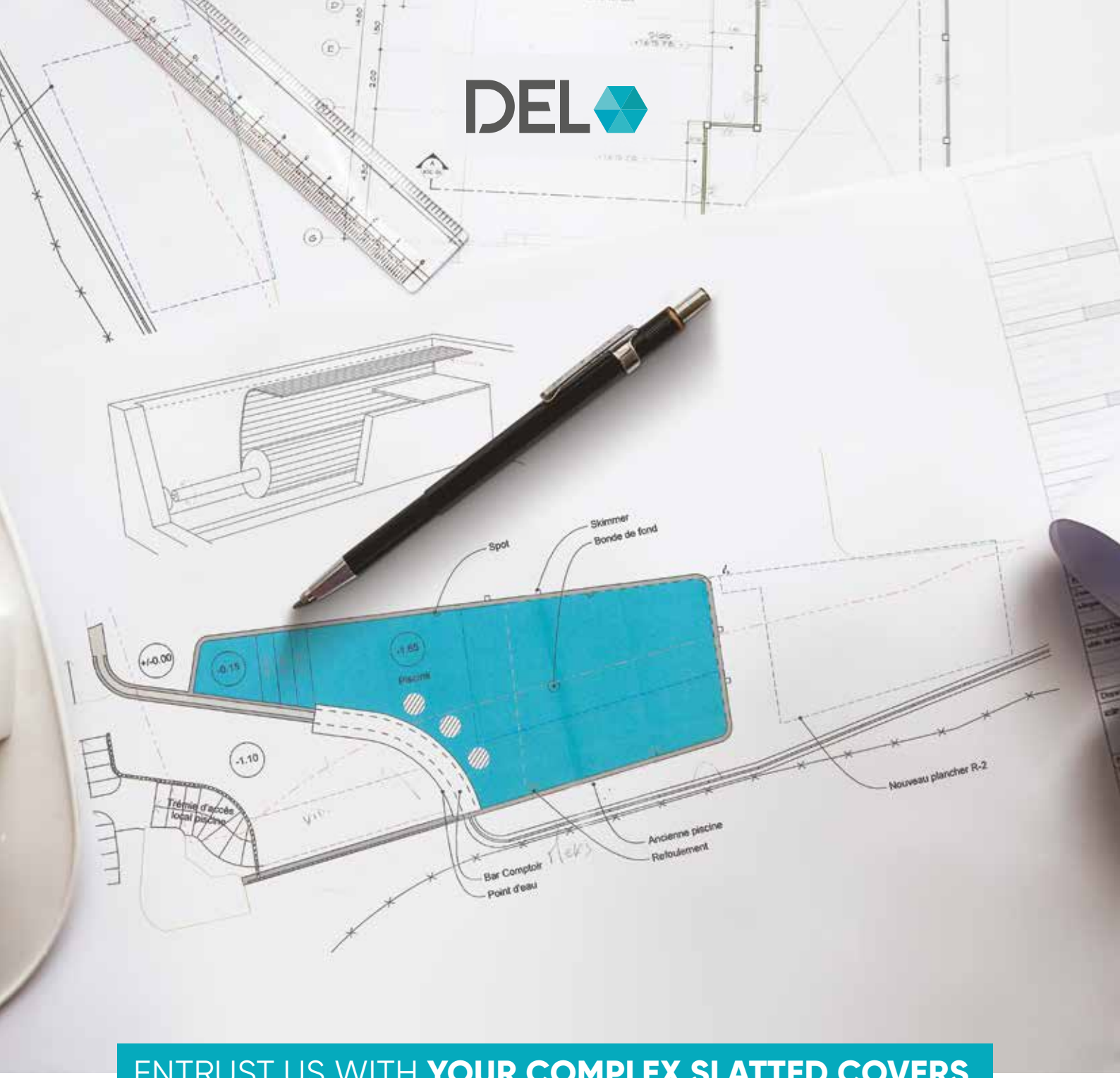
OPTION	DESCRIPTION	PRICE € EXCL. VAT
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**144.00**

STEP UNIT - SLATS

DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White or grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide (each)	**87.00**					

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

DEL



ENTRUST US WITH **YOUR COMPLEX SLATTED COVERS**,

OUR DESIGN OFFICE IS THERE TO HELP YOU!

You want to install one of our DEL products but your customer's pool has a non-standard configuration (shape, size, stairs...)?

Our team makes a personalised study of your work site.

Send a request to:

support@cf.group

Get a reply on the feasibility of your project within 48-hour response time.*

** variable depending on the study.*



a brand by **CF group**

ABOVE-GROUND AUTOMATIC SLATTED COVERS

CF ALU SERIE

DESIGNED FOR B2C

The leading cover embodying style and durability



TYPE OF POOL

• For pools from 2.00 x 3.00 to 4.50 x 9.00 m.

PRODUCT BONUS

+ Discreet design and trendy colour.
+ Robust and durable equipment.
+ Simple installation.

PRICES: Find all detailed prices on page 165.



Motor side end-stand

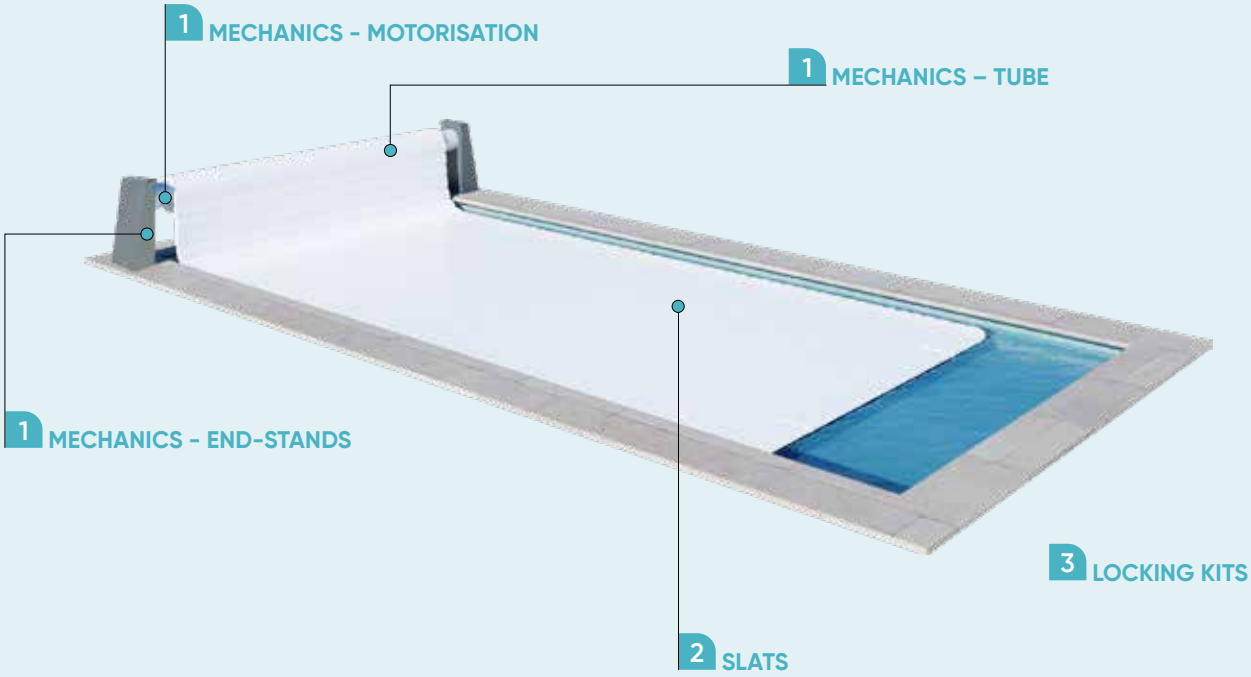


Free side end-stand



DOWNLOAD AND SHARE THE CF ALU SERIE MARKETING MATERIAL





Below are details of each numbered item.

CUSTOMISE YOUR CF ALU SERIE

STEP 1: MECHANICS

MOTORISATION:

- The lifespan of the motor is longer thanks to the bearings which support the tube and therefore the weight of the cover.
- 12 V low voltage electric tubular motor with ends-of-runs.
- Plug and Start electrical control box easy to install even for non-professional electricians (power socket, external connectors and front-facing controls).
- Controlled by key switch, supplied with 2 keys.



Plug and Start electrical control box

NEW



Key switch

TUBE:

- 20-micron anodised aluminium.

END-STANDS:

- Material: metal.
- Colour: textured grey.
- Axis height: 32 cm.



STEP 2 : SLATS

• **Opaque PVC 69 slats** (See p. 186)
4 colours available





STEP 3 : LOCKING KITS

At the start and end of the automatic cover.

• **Pushlock** (See p. 192)
6 colours available



3 types of fixation are available:



Surface mount



Hanging mount



High hanging mount

STEP 4 : PACKING

See next page.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / CF ALU SERIE PRICES & OPTIONS

CF ALU SERIE

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

CF ALU SERIE ELECTRIC VERSION

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50
MAX POOL LENGTH (stairs included, in m)	9.00	9.00	9.00	9.00	9.00	9.00
1 Mechanics: tube, motor and end-stands						
Tube, motor and end-stands	**1 956.00**	**2 023.00**	**2 045.00**	**2 115.00**	**2 189.00**	**2 221.00**
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH						
White, grey or beige opaque PVC 69 slats	**192.35**	**198.80**	**203.85**	**242.80**	**268.30**	**298.70**
Blue opaque PVC 69 slats*	**199.00**	**208.00**	**213.35**	**317.30**	**320.50**	**341.25**
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193)						
Surface mount	**79.60**	**79.60**	**79.60**	**119.40**	**119.40**	**119.40**
Hanging mount	**301.40**	**301.40**	**301.40**	**452.10**	**452.10**	**452.10**
4 Packing (net price) - Wooden cardboard packaging price: please contact us.						
Cardboard box (standard)	**125.00**	**125.00**	**125.00**	**160.00**	**160.00**	**160.00**

* Blue PVC slats 6 to 8 weeks lead time.

INFO

All our prices are in € excluding VAT.

OPTIONS

MECHANICS		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Stop Salt control box	Stop Salt function inside Plug and Start box. Informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).	**196.40**
Automatic stop	A circuit board used to stop the opening if an anormal strain is detected on the slats.	**146.50**

CONTROL		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**144.00**

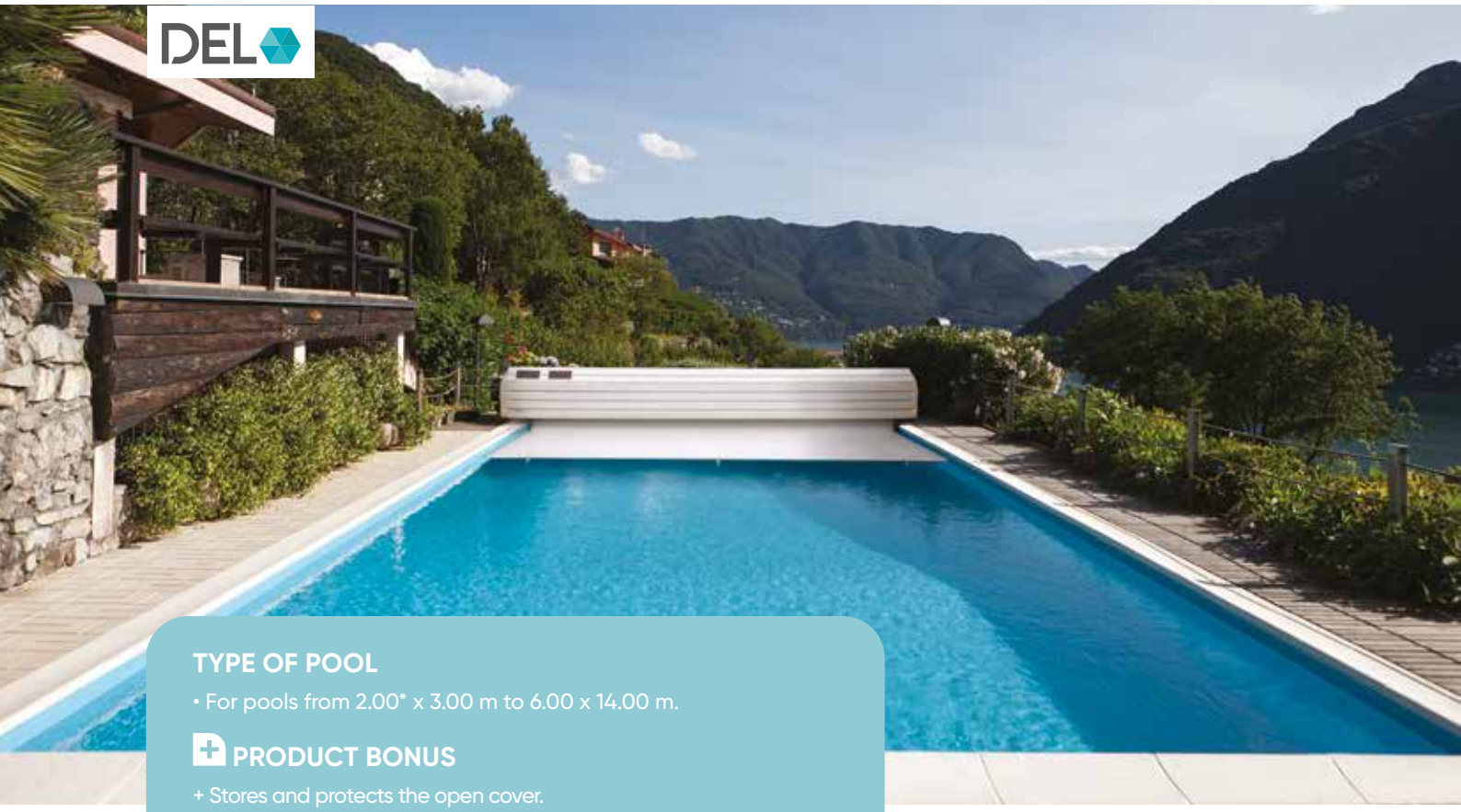
STEP UNIT - SLATS						
DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Slat cut-out (per m)	**356.00**					
Overflow guide (each)	**87.00**					

* Blue PVC slats 6 to 8 weeks lead time.

ABOVE-GROUND AUTOMATIC SLATTED COVERS

ROLLOVER

The above-ground cover with customisable casing



TYPE OF POOL

• For pools from 2.00* x 3.00 m to 6.00 x 14.00 m.

PRODUCT BONUS

+ Stores and protects the open cover.
+ Choice of casing: IPE wood or white PVC.
+ Covers most pool sizes.

AN ABOVE-GROUND AUTOMATIC COVER WITH CUSTOMISABLE CASING

• Customise the Rollover casing by choosing a wood or PVC finish.

AVAILABLE VERSIONS: ELECTRIC OR SOLAR

• Save electricity and installation time (no cables to lay), choose the solar Rollover version; shipped with 2 high performance batteries and photovoltaïc panels.

COMPATIBLE WITH ALL DEL SLAT MODELS

• Solar polycarbonate slats, opaque PVC 69 slats, opaque PVC 84 slats as well as our new opaque polycarbonate slats (white colour only).

PRICES: Find all detailed prices on page 169 to 171.

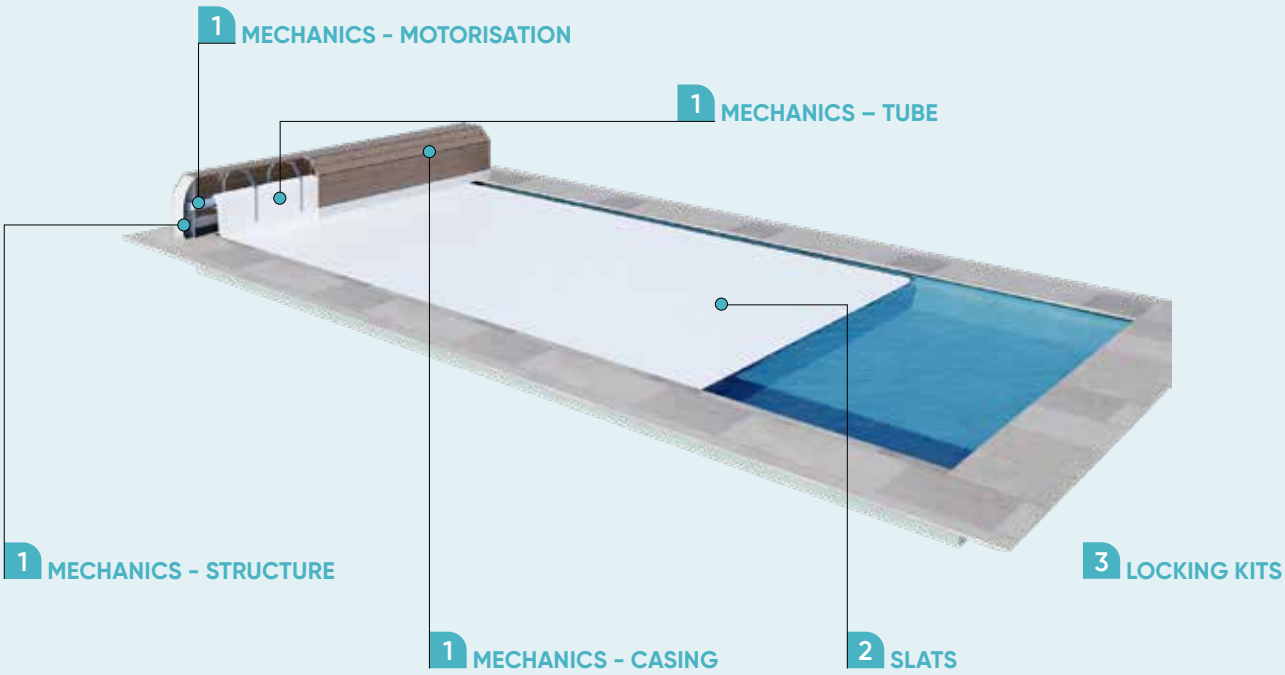
* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69, opaque polycarbonate or solar polycarbonate slats.



DOWNLOAD AND SHARE THE ROLLOVER MARKETING MATERIAL



MADE IN FRANCE · CF TRUST PRODUCT · LivePool COMPATIBLE · 2 years WARRANTY REEL SYSTEM · 3 years WARRANTY MOTOR · NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR ROLLOVER

STEP 1: MECHANICS

MOTORISATION:

Tubular electric motor
• Adjustable mechanical ends-of-runs, freewheeling motor (used to unroll the slats in case of a motor breakdown and to keep the pool safe despite the absence of electricity).

Electric and solar versions available:
• **Electric version:** electrical box (230 V).
• **Solar version:** photovoltaïc high-power panels with integrated overload protection and high quality batteries.

Controlled by key switch, Wi-Key or LivePool Cover (option, exclusing solar version).


Key switch


Wi-Key


LivePool Cover (option, cf. p. 171)

TUBE:

• 20-micron anodised aluminium.

STRUCTURE:

• 316 L stainless steel arches.
• White lacquered aluminium end flanges and structural beams.
• ABS-PMMA heat-formed side finish.

CASING:

• Electric or solar version available.
• White PVC or IPE wood slats.
• 2 x 2 slats at 45 degrees easy to remove to access the slats.

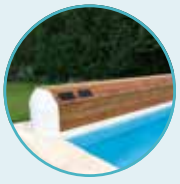
ELECTRIC ROLLOVER


White PVC


IPE wood

SOLAR ROLLOVER


White PVC


IPE wood

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
1 colour available



• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





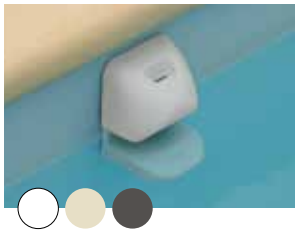
STEP 3 : LOCKING KITS

At the start and end of the automatic cover.

• **Pushlock** (See p. 192)
6 colours available



• **Quicklock** (See p. 193)
3 colours available



Unavailable with opaque PVC 84 slats.

• **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

These 3 photos display the surface mount version.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

STEP 4 : PACKING

See next page.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / ELECTRIC ROLLOVER PRICES

SCAN FOR QUICK CALCULATION

ROLLOVER

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

ELECTRIC ROLLOVER VERSION

POOL WIDTH (up to...m)	2.00	3.00	4.00	5.00	6.00
MAX POOL LENGTH (stairs included, in m)	14.00	14.00	14.00	14.00	14.00
Models	E1.1.T-12.2	E1.1.T-12.1	E1.1.T-12.2	E1.1.T-13.1	E1.1.T-17.2
1 Mechanics: tube, motor, control box and end-stands					
PVC casing	7 071.00	7 149.00	7 227.00	7 814.00	8 997.00
IPE wood casing	8 342.00	8 540.00	8 738.00	9 664.00	11 319.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH					
Nordic white opaque polycarbonate slats NEW	441.00	554.40	678.05	852.75	1 030.40
White or grey opaque PVC 84 slats	182.75	193.65	254.90	283.75	-
White, beige or grey opaque PVC 69 slats*	192.35	203.85	268.30	337.65	393.10
Blue opaque PVC 69 slats*	199.00	213.35	320.50	371.00	410.70
Solar polycarbonate slats*	441.00	554.40	678.05	852.75	1 030.40
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)					
Insert mount	39.80	39.80	59.70	59.70	79.60
Surface mount	84.30	84.30	126.45	126.45	168.60
Hanging mount	150.70	150.70	226.05	226.05	301.40
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.					
Cardboard box (standard)	125.00	125.00	160.00	191.00	191.00

* Slats > 6 m, blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / SOLAR ROLLOVER PRICES

SCAN FOR QUICK CALCULATION

ROLLOVER

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

SOLAR ROLLOVER VERSION

POOL WIDTH (up to...m)	2.00	3.00	4.00	5.00	6.00
MAX POOL LENGTH (stairs included, in m)	14.00	14.00	14.00	14.00	14.00
Models	S3-1.1.T-12.2	S3-1.1.T-12.1	S3-1.1.T-12.2	S3-1.1.T-13.1	S3-1.1.T-17.2
1 Mechanics: tube, motor and end-stands					
PVC casing	8 179.00	8 257.00	8 335.00	8 920.00	10 739.00
IPE wood casing	9 502.00	9 700.00	9 898.00	10 830.00	13 136.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH					
Nordic white opaque polycarbonate slats NEW	441.00	554.40	678.05	852.75	1 030.40
White or grey opaques PVC 84 slats	182.75	193.65	254.90	320.75	-
White, beige or grey opaque PVC 69 slats*	192.35	203.85	268.30	337.65	393.10
Blue opaque PVC 69 slats*	199.00	213.35	320.50	371.00	410.70
Solar polycarbonate slats*	441.00	554.40	678.05	852.75	1 030.40
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)					
Insert mount	39.80	39.80	59.70	59.70	79.60
Surface mount	84.30	84.30	126.45	126.45	168.60
Hanging mount	150.70	150.70	226.05	226.05	301.40
4 Packing (net price) - Wooden cardboard packaging price, see p. 17.					
Cardboard box (standard)	125.00	125.00	160.00	191.00	191.00

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

For dimensions not indicated before, please contact us.

INFO

All our prices are in € excluding VAT.

ABOVE-GROUND AUTOMATIC SLATTED COVERS / ROLLOVER OPTIONS

OPTIONS

MECHANICS - ELECTRIC Rollover		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Stop Salt control box	Informs the electrolysis device that the cover is opened or closed so that it can automatically adjust the treatment level (for compatible electrolysers).	**196.40**
Automatic stop	A circuit board which stops the opening when an abnormal effort on the cover is detected.	**146.50**

MECHANICS - SOLAR Rollover		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Automatic stop	A circuit board which stops the opening when an abnormal effort on the cover is detected.	**146.50**

CONTROL - ELECTRIC Rollover		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Used to install 3 emitters maximum per receiver.	**266.70**
LivePool Cover (Bluetooth®)	Opening and closing of the automatic cover with a smartphone thanks to the LivePool Cover application.	**144.00**

CONTROL - SOLAR Rollover		
OPTION	DESCRIPTION	PRICE € EXCL. VAT
Extra Wi-Key emitter	Used to install 3 emitters maximum per receiver.	**266.70**

STEP UNIT - SLATS						
DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White or grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)	**356.00**					
Overflow guide (each)	**87.00**					

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

MOBILE AUTOMATIC SLATTED COVER

MOOVE'O

Mobile solar automatic cover for free-form pools



TYPE OF POOL

• For pools from 2.00* x 3.00 m to 5.00 x 11.00 m.

PRODUCT BONUS

+ Straight manual movement without rails.
+ Allows the roller to be moved away from the pool.
+ Covers pools of all shapes.

IDEAL FOR RENOVATION

• The Moove'O does not require any construction works.
• Easy and fast to install because supplied fully assembled.

COMPATIBLE WITH ALL DEL SLAT MODELS

• Solar polycarbonate slats, opaque PVC 69 slats, opaque PVC 84 slats as well as our new opaque polycarbonate slats (white colour only).

PRICES: Find all detailed prices on page 175-176.

* To comply with French safety NF P90-308 standard, the cover must have a minimum width of 2.50 m (PVC 84 slats) or 2.00 m (PVC 69 or polycarbonate slats).

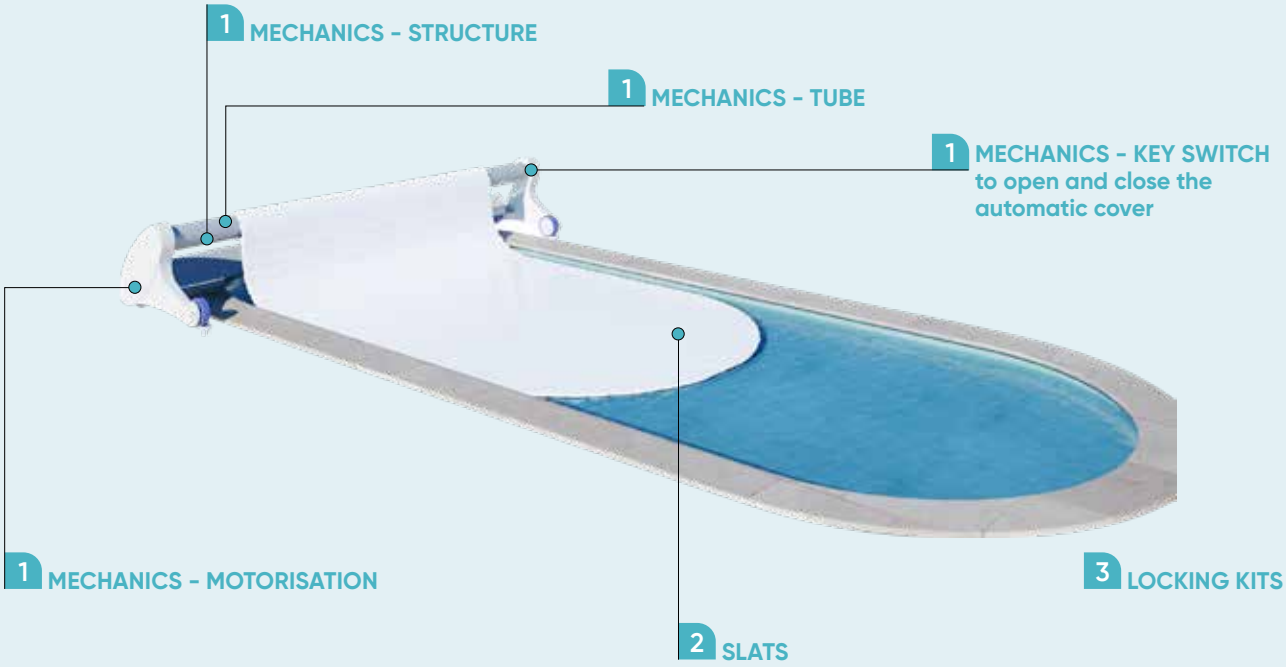




DOWNLOAD AND SHARE THE MOOVE'O MARKETING MATERIAL



CF TRUST PRODUCT
2 years WARRANTY REEL SYSTEM
3 years WARRANTY MOTOR
NF P NORM 90-308 SAFETY



Below are details of each numbered item.

CUSTOMISE YOUR MOOVE'O

STEP 1: MECHANICS

MOTORISATION:

12 V electric tubular motor
- Adjustable mechanical limit switches.
- Two 12 Vdc batteries and battery charger included.
- Controlled by key switch (choice of the left or right end-stand).


Key switch

TUBE:

- 20-micron anodised aluminium.

STRUCTURE:

End-stands
- 3 and 4 mm stainless steel structure, white, beige or grey powder coated.
- Composite guard.

Central bar
- Lacquered aluminium.
- Allows water to flow to the pool.

Solar panels
- High-power photovoltaïc panels with integrated overload protection and high quality batteries.

Non-marking blue polymer wheels with brake
- Front wheel: Ø 150 mm.
- Back wheel: Ø 200 mm.

Stoppers for front wheel
- The stop is used to make sure the reel system is in the correct position before opening or closing.

END-STAND COLOURS


White Grey Beige

Match your Moove'O with your slat colour. The structure is also available in beige or grey.



MOBILE AUTOMATIC SLATTED COVER / MOOVE'O

STEP 2 : SLATS

• **Opaque polycarbonate slats** (See p. 180) NEW
1 colour available



• **Solar polycarbonate slats** (See p. 182)
7 colours available





• **Opaque PVC 84 slats** (See p. 184)
2 colours available





• **Opaque PVC 69 slats** (See p. 186)
4 colours available





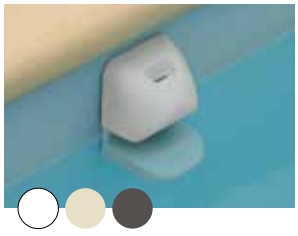
STEP 3 : LOCKING KITS

At the start and end of the automatic cover.

• **Pushlock** (See p. 192)
6 colours available



• **Quicklock** (See p. 193)
3 colours available



Unavailable with opaque PVC 84 slats.

• **Strap locking** (See p. 193)



Unavailable with opaque PVC 84 slats.

These 3 photos display the surface mount version.

4 types of Pushlock fixation are available:



Surface mount



Insert mount



Hanging mount



High hanging mount

STEP 4 : PACKING

See next page.

MOBILE AUTOMATIC SLATTED COVER / MOOVE'O PRICES

SCAN FOR QUICK CALCULATION

MOOVE'O

HOW TO CALCULATE THE TOTAL PRICE: 1 + 2 + 3 + 4

IN ORDER TO DETERMINE THE MECHANICS ADAPTED TO YOUR POOL:

The pool width and length must be within the chosen dimensions.

MOOVE'O

POOL WIDTH (up to...m)	2.00	2.50	3.00	3.50	4.00	4.50	5.00
MAX POOL LENGTH (stairs included, in m)	12.00	12.00	12.00	12.00	12.00	11.00	11.00
Models	S1-1.1.T-12.2	S1-1.1.T-12.1	S1-1.1.T-12.1	S1-1.1.T-12.1	S1-1.1.T-12.2	S1-1.1.T-12.3	S1-1.1.T-13.1
1 Mechanics: tube, motor and end-stands							
Height at tube centre	H 42	H 42	H 42	H 42	H 42	H 42	H 42
White end-stands	5 987.00	6 046.00	6 105.00	6 164.00	6 403.00	6 620.00	6 838.00
Colour end-stands (grey or beige)	6 230.00	6 289.00	6 348.00	6 407.00	6 644.00	6 859.00	7 078.00
2 Slats: PRICE TO BE MULTIPLIED BY THE POOL LENGTH							
Nordic white opaque polycarbonate slats NEW	441.00	499.00	554.40	610.25	678.05	810.10	852.75
White or grey opaque PVC 84 slats	182.75	188.85	193.65	230.65	254.90	283.75	320.75
White, beige or grey opaque PVC 69 slats	192.35	198.80	203.85	242.80	268.30	298.70	337.65
Blue opaque PVC 69 slats*	199.00	208.00	213.35	317.30	320.50	341.25	371.00
Solar polycarbonate slats*	441.00	499.00	554.40	610.25	678.05	810.10	852.75
3 Pushlock locking kits (find out the required number of kits depending on the pool dimensions on p. 193, all available locking kits p. 189)							
Insert mount	79.60	79.60	79.60	119.40	119.40	119.40	119.40
Surface mount	168.60	168.60	168.60	252.90	252.90	252.90	252.90
Hanging mount	301.40	301.40	301.40	452.10	452.10	452.10	452.10
4 Packing (net price) - Wooden cardboard packaging price, see p.17.							
Cardboard box (standard)	125.00	125.00	125.00	160.00	160.00	191.00	191.00

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.

INFO

All our prices are in € excluding VAT.

OPTIONS

WINTER SHIFT / PROTECTIVE SHIFT

Remember to order your winter shift (Ivernea) or protective shift (Ivernea Plus) to protect the slats from UVs and dirt. See p. 224-225.



STEP UNIT - SLATS

DESCRIPTION	ROMAN STAIRS		TRAPEZOID STAIRS		SQUARE STAIRS	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
	PRICE € EXCL. VAT					
Nordic white opaque polycarbonate slats NEW	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
White or grey opaque PVC 84 slats	**493.00**	**781.00**	**629.00**	**724.00**	**392.00**	**485.00**
White, beige or grey opaque PVC 69 slats	**519.00**	**822.00**	**662.00**	**762.00**	**413.00**	**511.00**
Blue opaque PVC 69 slats*	**556.00**	**887.00**	**684.00**	**791.00**	**440.00**	**546.00**
Solar polycarbonate slats*	**1 002.00**	**1 291.00**	**921.00**	**1 241.00**	**642.00**	**961.00**
Slat cut-out (per m)			**356.00**			
Overflow guide (each)			**87.00**			

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.



EN 17645 STANDARD*

AUTOMATIC SLATTED COVERS

Some covers can have a considerable influence on the efficiency of a pool's environmental performance. Depending on their characteristics, they can modify the thermal performance of a pool:
- by helping to insulate the pool
- by limiting heat loss through evaporation
- by transferring solar rays to the water.

These three characteristics are grouped together under one indicator: the Natural Thermal Balance of the cover.

Energy Reduction Coefficient

Compare the Natural Heat Balance of the product to the Natural Heat Balance of the uncovered pool

Natural Thermal Balance

Energy balance gains + losses through:
- Insulation against heat loss transfert
- Limiting heat losses due to evaporation.
- Heat gain due to solar radiation transfert.

Power supply

Power in active mode

Evaporation Reduction Coefficient

Pool coverage rate

Power supply

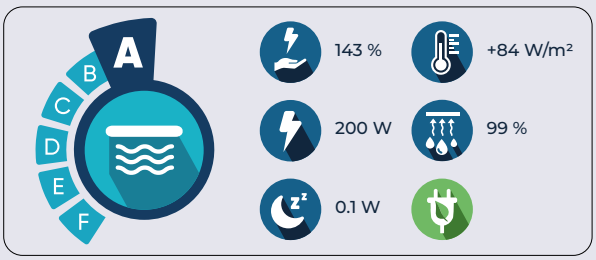
Power in stand-by mode

Renewable energy

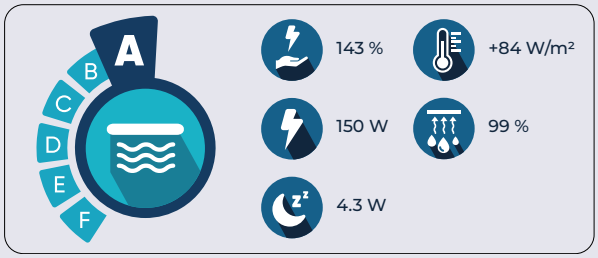
Pictogram specific to equipment with autonomous and on renewable energy supply

EXAMPLES OF LABELS FOR OUR PRODUCTS

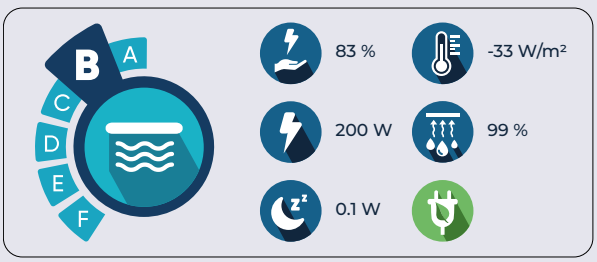
- Solar Tixit + Solar polycarbonate slats crystal black



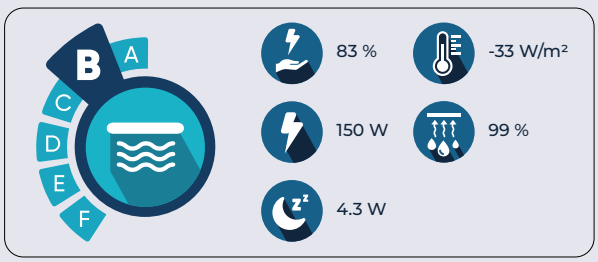
- Rollinside + Solar polycarbonate slats crystal black



- Solar Tixit + Opaque PVC 69 slats grey



- Rollinside + Opaque PVC 69 slats grey



** The EN 17645 standard evaluates the efficiency of the environmental performance of domestic swimming pools and their equipment. The standard applies to permanently installed outdoor domestic swimming pools. Find all EN 17645 values of our product page 397.*

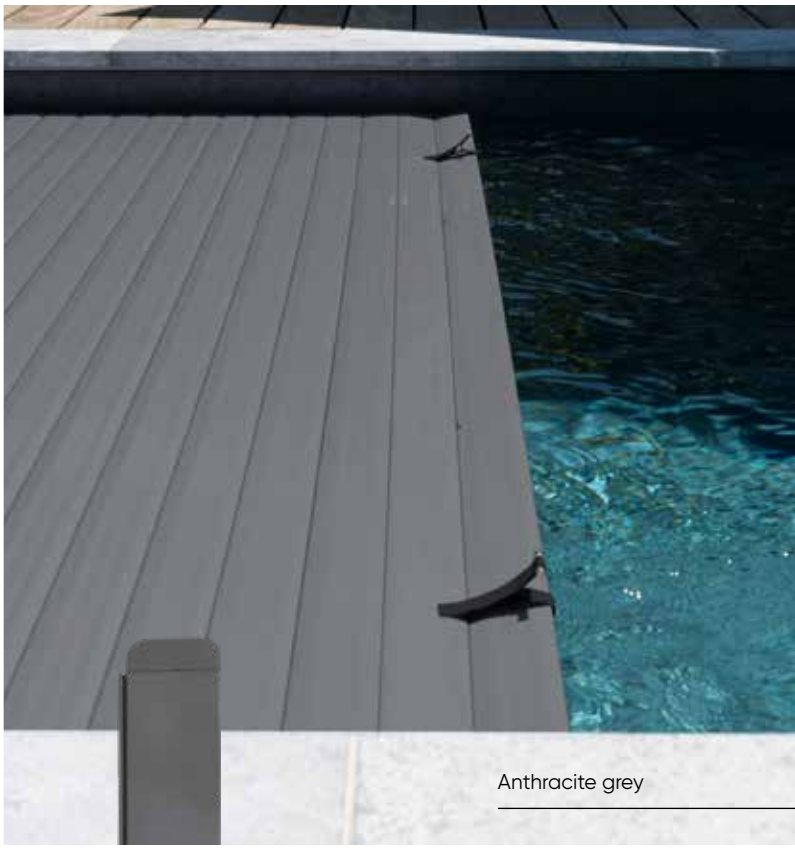
OPAQUE POLYCARBONATE SLATS NEW

Combinaison of modernity and resistance

- Impact resistance of polycarbonate.
- Completely opaque slats for anti-overheating and anti-photosynthesis effects.
- End caps offering the functionality and quality finish typical of DEL slats.



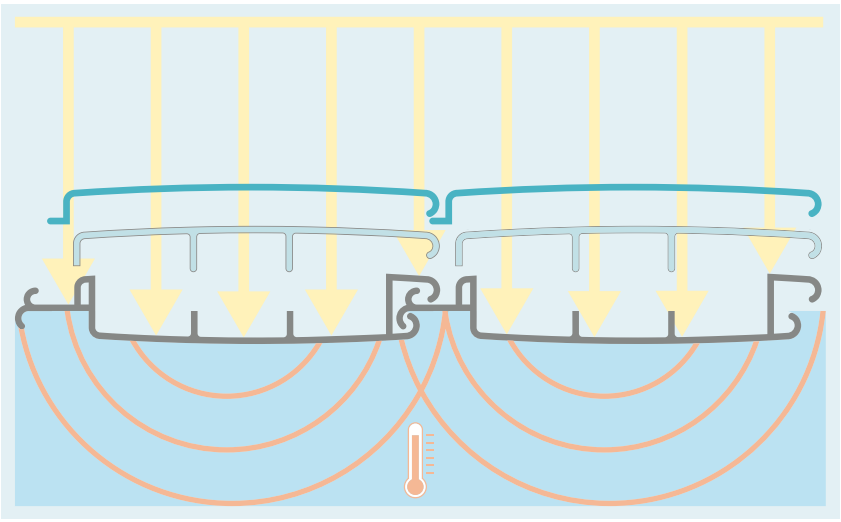
Nordic white



Anthracite grey

SOLAR POLYCARBONATE SLATS

Absolute black and Crystal black slats come with an entire surface of the apron is backed with a black, opaque layer, ensuring an anti-photosynthesis effect while keeping heat transfer at its best.





Absolute black



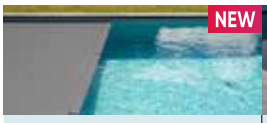
Crystal black

Transparent anti UV layer offering an oustanding longevity.

Transparent polycarbonate for a green house heating effect.

Black polycarbonate:
- Stop sun light (blocking algae growth in water and in slats articulations).
- Transfert heat to water.

OUR RANGE OF SLATS

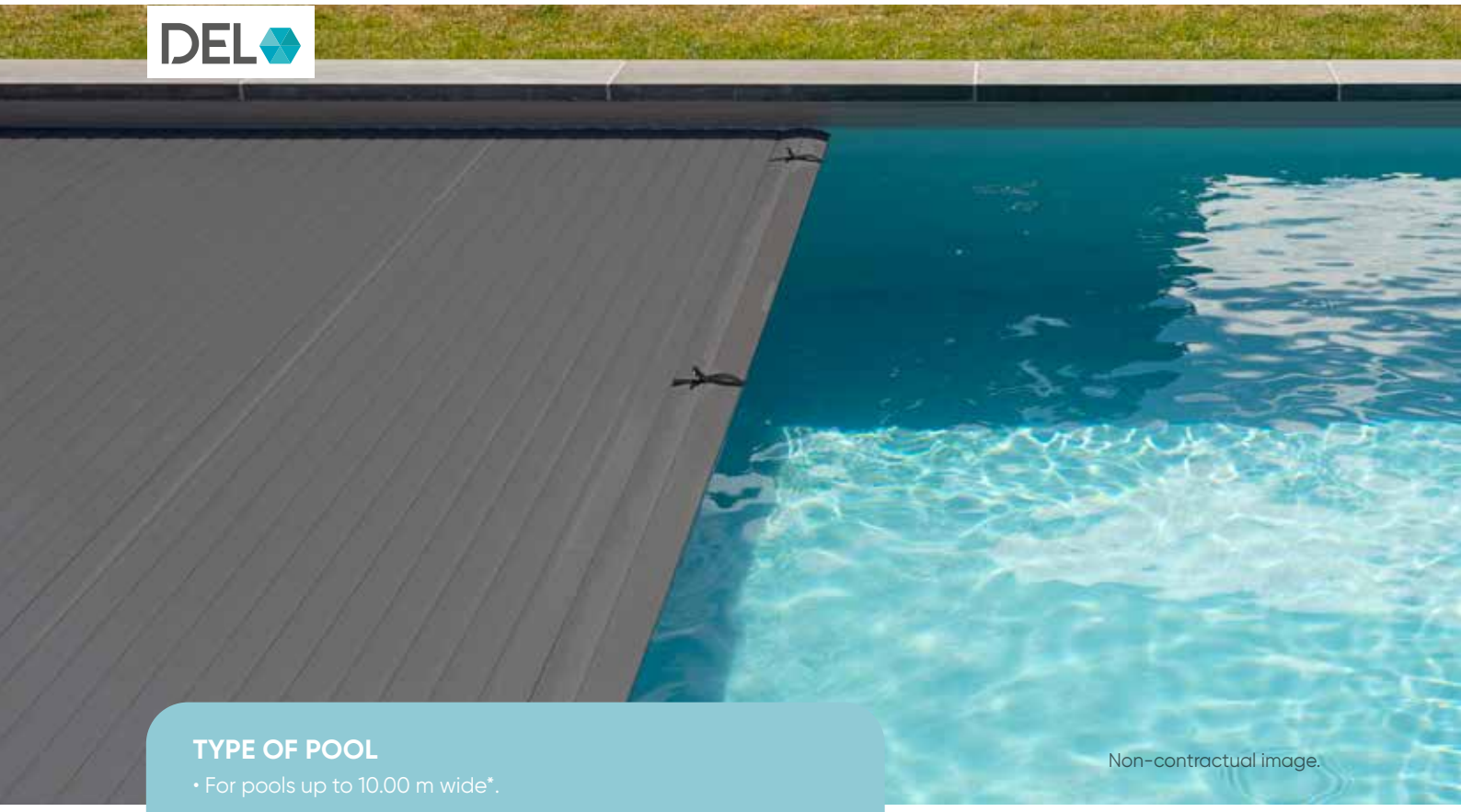
	 NEW			
	OPAQUE POLYCARBONATE	**SOLAR POLYCARBONATE**	**OPAQUE PVC 84**	**OPAQUE PVC 69**
	DELTA	DELTA	DELTA	DELTA
SLATS SPECIFICATIONS				
Colours				
Type of slatted cover	In-ground Above-ground* Mobile*	In-ground Above-ground Mobile	In-ground Above-ground Mobile	In-ground Above-ground Mobile
Maximum pool width	10 m	10 m	5 m	10 m
COMPATIBILITY				
Compatible with our winter shift Ivernea or our protective shift Ivernea Plus	✓	✓	✓	✓
MANUFACTURING				
Assembly	Sliding Clipping	Sliding Clipping	Sliding	Sliding Clipping
Finition	End cap	End cap	Flange	End cap
Radius and stairs	In shape	In shape	In shape	In shape
PERFORMANCES				
NF P90-308 safety standard	✓	✓	✓	✓
Hail resistance	4	4	1	1
Thermal performance**	2	3 to 4	2 to 3	2
WARRANTIES				
	5 years WARRANTY	5 years WARRANTY	3 years WARRANTY	3 years WARRANTY

** Nordic white exclusively.*
*** Detailled data available in Technical Leaflet page 440.*

SLATS

OPAQUE POLYCARBONATE SLATS NEW

Combinaison of modernity and resistance



Non-contractual image.

TYPE OF POOL

• For pools up to 10.00 m wide*.

PRODUCT BONUS

+ Extreme shock and hail resistance.
+ Resistance to temperature.
+ Ultimate water protection: anti-overheating and anti-photosynthesis.
+ On-trend colours.

ADAPTABLE TO ALL POOL CONFIGURATIONS

• Thanks to 3 different end-cap sizes and to its rounded shape, the radius corner end cap enables the slats to adapt to any pool configurations.

EASY FOR INSTALLATION AND MAINTENANCE

• Assembly by sliding is a patented system which facilitates the assembly and removal of slats. This assembly is possible thanks to the removable end caps.
• The traditional clipped assembly method remains possible.

PRICES: Find all detailed prices on page 188-189.

COLOURS

Nordic white



Anthracite grey

Slats > 6 m: 6 to 8 weeks production lead time.





DOWNLOAD AND SHARE THE OPAQUE POLYCARBONATE SLATS MARKETING MATERIAL

MADE IN FRANCE · CF TRUST PRODUCT · 5 years WARRANTY · NF P NORM 90-308 SAFETY

▶ MODERN APPEARANCE

- 2 colours designed to match with contemporary environments:
  - Nordic white
  - Anthracite grey
- Accessories (end caps, straps) are colour-matched with the slats.

▶ HIGH-END PERFORMANCE

- A unique combination of polycarbonate strength, DEL slat thermal insulation and the ability to protect water from the effects of the sun.
- Slat design preserves water by blocking algae growth and preventing the risk of overheating in summer.

▶ SLATS CHARACTERISTICS

EXTRUDED POLYCARBONATE SLATS

- Width 69 mm / Thickness 13 mm.
- Completely opaque profile.

WATERTIGHTNESS THANKS TO GLUING

- Watertightness sealing made inside the slat.
- Using this technique, the slat size can be adapted on site. Once the slat has been cut to size, a new plug is fitted (available from the spare parts catalogue) it is then easy to refit the original end cap.

END CAPS

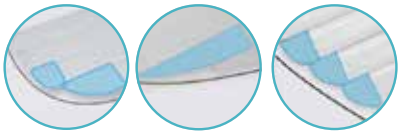
- Fitted on each end of the slat.
- 3 sizes available: S (15 mm), standard (25 mm), XL (35 mm). They can be used to adjust by more or less 1 cm per side (or 2 cm per slat). By default, our orders are shipped with standard end caps same colour as the slats.
- Special radius end caps for corners and stairs.



XL / Standard / S



5 cm radius | 10 cm radius | 15 cm radius



20 cm radius | End caps to finalise step radius | End caps to finalise step radius

▶ ENVIRONMENTAL STANDARDS

- EN 17645 Standardisation in progress.

ASSEMBLY METHODS

To make slat assembly easier in tight spaces, we offer two assembly methods. If you choose to slide the slats, please indicate this on the order form:

- **Sliding assembly**



- **Clipping assembly**



INFO

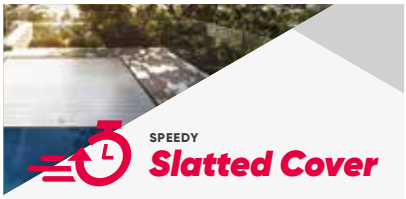
- The colour of anthracite grey opaque polycarbonate slats can be seen with variations depending on their light exposition.
- A cover contributes to environmental impact decrease by significantly limiting evaporation and therefore water loss in the pool and has economical benefits – see p. 397 to 399 of technical leaflet.

PRO HINT

Opaque polycarbonate slats are incompatible with bromine treatments.

Anthracite grey opaque polycarnonate slats are incompatible with above-ground reel systems.

OPTIONS



Urgent order?

Your automatic cover is manufactured in 5 days* using our speed service.

*The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.



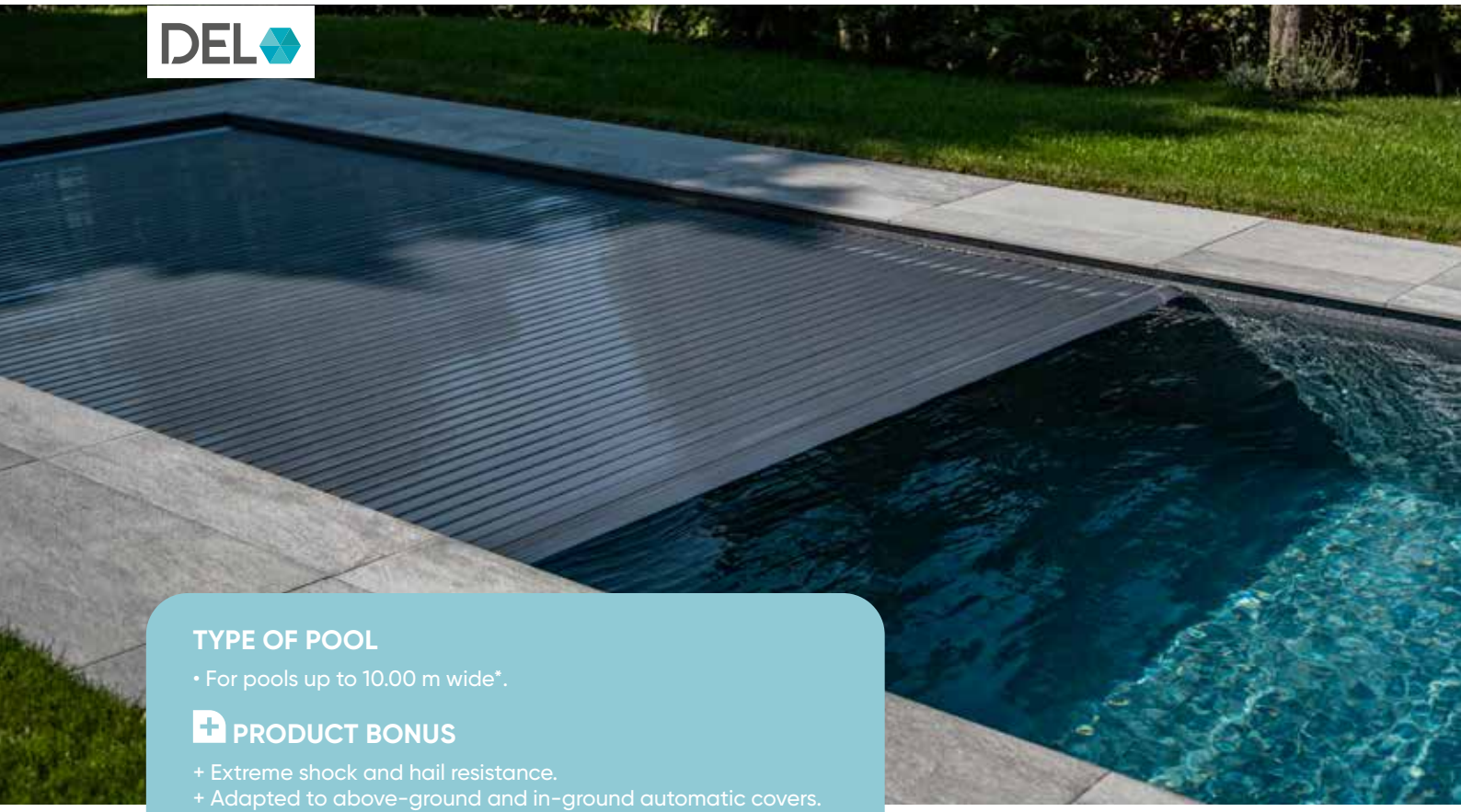
IVERNEA / IVERNEA PLUS

Remember to order your winter shift to protect the slats from UVs and dirt. See p. 224-225.

SLATS

SOLAR POLYCARBONATE SLATS

The standard, ultra-resistant solar slats that heat the pool water



TYPE OF POOL

• For pools up to 10.00 m wide*.

PRODUCT BONUS

+ Extreme shock and hail resistance.
+ Adapted to above-ground and in-ground automatic covers.
+ Reduced rolling diameter.
+ UV treatment.

HEAT GENERATORS

• The solar polycarbonate slats are genuine solar panels which enable the heating of the pool water.
• They are a genuine heating system.

ADAPTABLE TO ALL POOL CONFIGURATIONS

• Thanks to 3 different end-cap sizes and to its rounded shape, the radius corner end cap enables the slats to adapt to any pool configurations.

EASY FOR INSTALLATION AND MAINTENANCE

• Assembly by sliding is a patented system which facilitates the assembly and removal of slats. This assembly is possible thanks to the removable end caps.
• The traditional clipped assembly method remains possible.

PRICES: Find all detailed prices on page 188-189.

* To comply with French safety NF P90-308 standard, the slat must have a minimum width of 2.00 m.



DOWNLOAD AND SHARE THE SOLAR POLYCARBONATE SLATS MARKETING MATERIAL

COLOURS

ANTI-PHOTOSYNTHESIS OPACITY


Absolute black


Crystal black


Silver

TRANSPARENCY


Crystal blue*


Crystal*

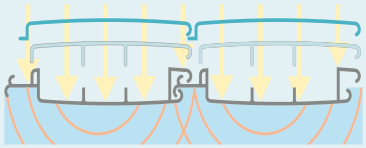

Crystal brown*


Crystal green*

** Slats > 6 m and coloured polycarbonate slats (except crystal black, absolute black and silver): 6 to 8 weeks.*

INFO NEW VERSION

The Crystal black and Absolute black slats have an opacifying treatment to limit the development of algae in the profile joint.



For more information, see p. 178.

▶ WIDE RANGE OF COLOURS

- Anti-photosynthesis solution with opaque black or transparent colours on the underside for a luminous night-time appearance with the pool lighting visible even when the cover is closed.
- Wide range of heating capacities with varying solar performance depending on the colour. Adjust the heating power by consulting the performance specifications in the technical leaflet on page 397.

▶ SLATS CHARACTERISTICS

EXTRUDED POLYCARBONATE SLATS

- Width 69 mm / Thickness 13 mm.

WATERTIGHTNESS THANKS TO GLUING

- Watertightness sealing made inside the slat.
- Using this technique, the slat size can be adapted on site. Once the slat has been cut to size, a new plug is fitted (available from the spare parts catalogue) it is then easy to refit the original end cap.

BLACK END CAPS

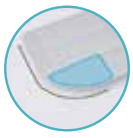
- Fitted on each end of the slat.
- 3 sizes available: S (15 mm), standard (25 mm), XL (35 mm). They can be used to adjust by more or less 1 cm per side (or 2 cm per slat). By default, our orders are shipped with standard end caps.
- Special radius end caps for corners and stairs.



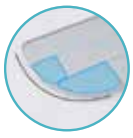
XL / Standard / S



5 cm radius



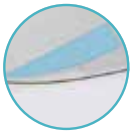
10 cm radius



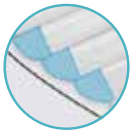
15 cm radius



20 cm radius



End caps to finalise step radius



End caps to finalise step radius

ASSEMBLY METHODS

To make slat assembly easier in tight spaces, we offer two assembly methods. If you choose to slide the slats, please indicate this on the order form:

- **Sliding assembly**



- **Clipping assembly**



INFO

- There can be significant variations in solar polycarbonate slat colours.
- A cover contributes to environmental impact decrease by significantly limiting evaporation and therefore water loss in the pool and has economical benefits – see p. 397 to 399 of technical leaflet.

OUR SLATS ARE HAIL PROOF

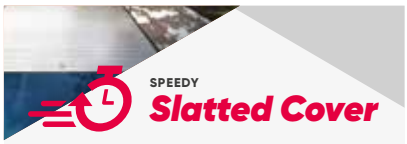
Tests carried out by an independent laboratory (approval n° 33121) show that polycarbonate slats are highly resistant to hail.
What the tests prove:

- Polycarbonate slats remain perfectly watertight for hailstone sizes up to 4 cm (the size of a golf ball).
- Polycarbonate slats remain perfectly functional and allow the cover to be opened and closed even after being hit by 5 cm hailstones (the size of an egg).

PRO HINT

Solar polycarbonate slats are incompatible with bromine treatments.

OPTIONS



Urgent order?

Your automatic cover is manufactured in 5 days* using our speed service.

*The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.



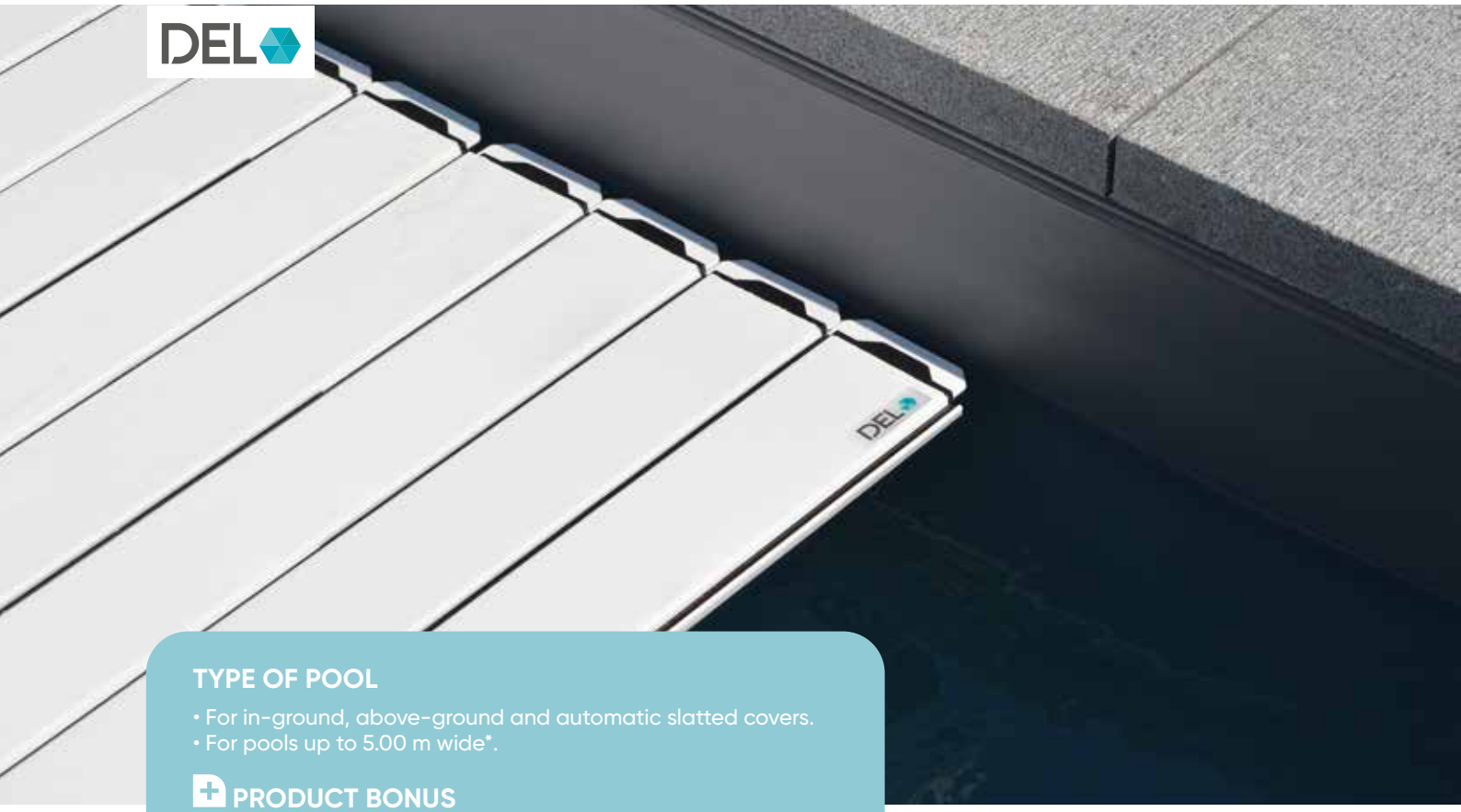
IVERNEA / IVERNEA PLUS

Remember to order your winter shift to protect the slats from UVs and dirt.
See p. 224-225.

SLATS

OPAQUE PVC 84 SLATS

The safety slats with a unique, modern and sleek design



TYPE OF POOL

- For in-ground, above-ground and automatic slatted covers.
- For pools up to 5.00 m wide*.

PRODUCT BONUS

+ Modern and sleek design.
+ Flat slat for a perfect finish on the water surface.
+ Quick and easy to install.
+ Patented system.

MODERN DESIGN

- A two-tone slat, unique on the market.
- Joint number, then fouling areas, divided by 5 compared to a classical slat.

EASY TO INSTALL

- Sliding assembly is a patented system that makes installation easier and faster.

ADAPTABLE TO ALL SLATTED AUTOMATIC COVERS MECHANICS

- Reduced rolling diameter, identical to opaque PVC 69 slat.

PRICES: Find all detailed prices on page 188-189.

* To comply with French safety NF P90-308 standard, the slat must have a minimum width of 2.50 m.



DOWNLOAD AND SHARE THE OPAQUE PVC 84 SLATS MARKETING MATERIAL

COLOURS



White | Grey

Flexible joints and caps are black
Flange's colour is the same as the slat one.



GREY 84 SLATS · WHITE 84 SLATS · MADE IN FRANCE · CF TRUST PRODUCT · EXCLU EXCLUSIVE · 3 years WARRANTY · NF P NORM 90-308 SAFETY

ENVIRONMENTAL BENEFITS

- Anti-photosynthesis solution with opaque slats that block photosynthesis, thereby reducing the need for water treatment and filtration.
- Insulating effect that maintains temperature and therefore reduces the heat pump's electricity consumption.
- The black joints provide a slight solar heating effect and make these 84 slats particularly thermally efficient as opaque PVC slats.
- Evaporation blocking effect to significantly reduce the need for water top-ups.

SLATS MODULES CHARACTERISTICS

EXTRUDED PVC SLATS

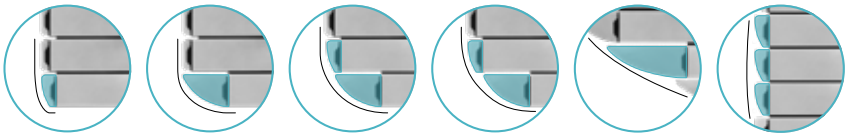
- Thickness 11.4 mm.
- No lead-based additive.
- Resistance to staining from organic deposits.
- Material compliant with age resistance requirements defined by standard NF T54-405-1: 2013 standard.
- UV treatment.

FLANGES:

- Removable flanges for slats assembly & disassembly.
- 3 available sizes (standard, S & XL to best adjust the slat dimensions. XL, S size can be used to adjust by 1 cm per side (or 2 cm per slat).
- Special radius end caps for corners and stairs.



XL / Standard / S



5 cm radius · 10 cm radius · 15 cm radius · 20 cm radius · Flanges to finalise step radius · Flanges to finalise step radius

CAPS:

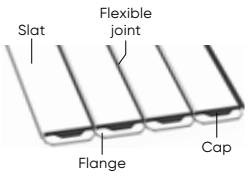
- Black.
- Welded to the slats.

2 SLATS MODULES CHARACTERISTICS

L4 MODULE

- Dimensions: 332 mm width

L4 module is the main part of the slat cover. It allows to cover a large surface in one piece, and has a flexible joint between the slats.



L1 MODULE

- Dimensions : 84 mm width

Used at the 2 ends of the cover, and to adjust the cover length.



COMPATIBILITY

The opaque PVC 84 slats are availaible with all automatic slatted cover wide up to 5.00 m, all automatic slatted covers and Pushlock locking system only.

With Rollinside covers, for pools with overhanging coping stones, if the space between the water surface and the coping is less than 8 cm, we recommend using 69 mm opaque PVC or solar polycarbonate slats.

SLATS SLIDING ASSEMBLY

The slats are assembled by sliding them together. The L4 modules make installation much quicker.

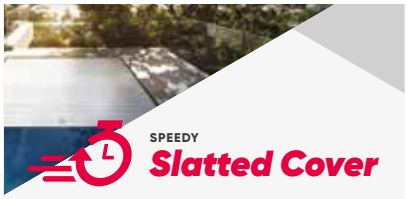


For information, the clipping assembly system is not available on this product.

INFO

- A cover contributes to environmental impact decrease by significantly limiting evaporation and therefore water loss in the pool and has economical benefits.
See p. 397 of technical leaflet.
- For a schematic drawing of the opaque PVC 84 slats and further information on the new slats, see p. 440.

OPTIONS



Urgent order?

Your automatic cover is manufactured in 5 days* using our speed service.

*The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.



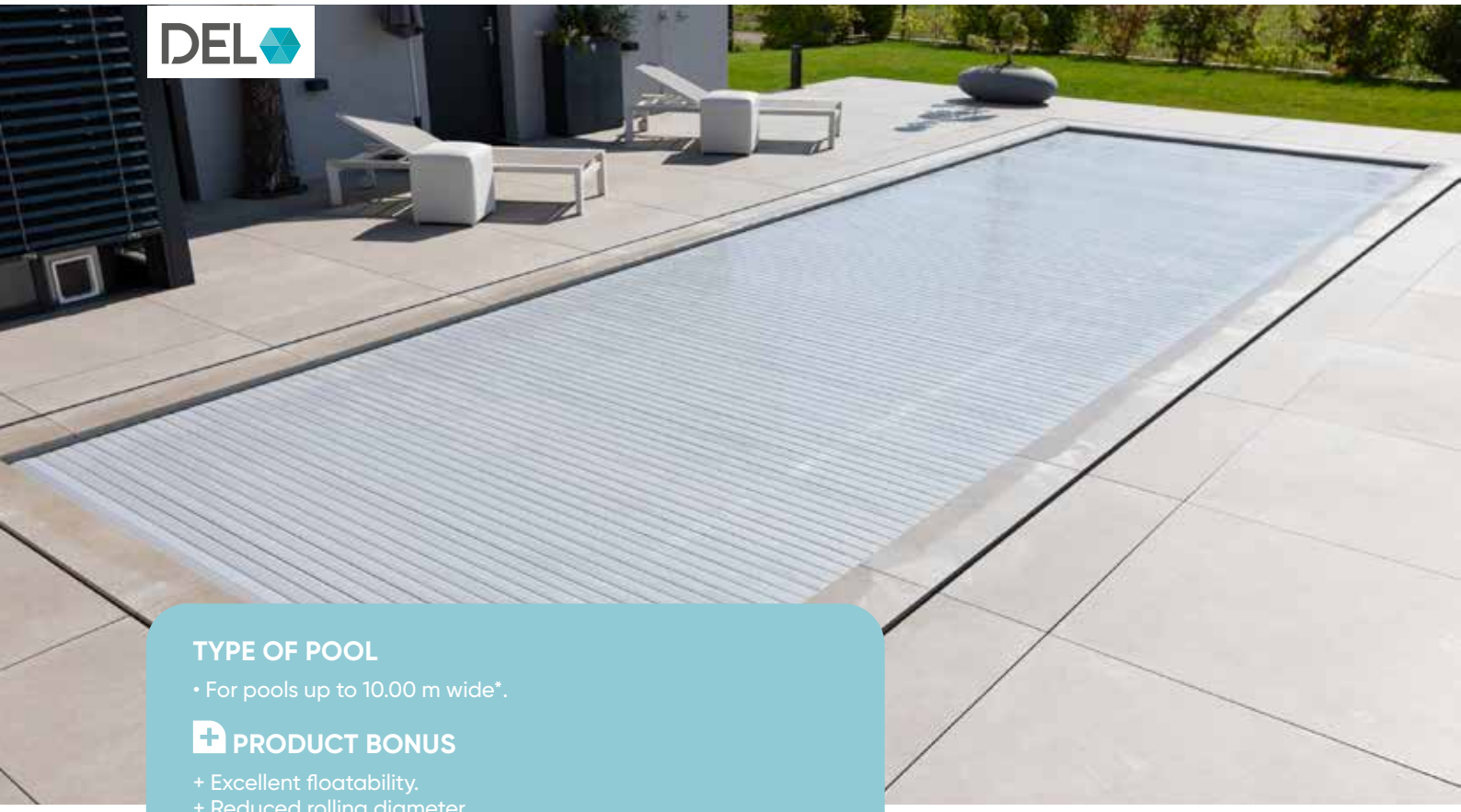
IVERNEA / IVERNEA PLUS

Remember to order your winter shift to protect the slats from UVs and dirt.
See p. 224-225.

SLATS

OPAQUE PVC 69 SLATS

The reference standard PVC slat



TYPE OF POOL

• For pools up to 10.00 m wide*.

PRODUCT BONUS

+ Excellent floatability.
+ Reduced rolling diameter.
+ Anti-photosynthesis opacity.

THE BEST FINISH ON THE MARKET

• End cap with no welds or burrs, for a perfect finish.

ADAPTABLE TO ALL POOL TYPES

• Thanks to its 3 different sizes and to its rounded shape, the radius corner end cap enables the slats to adapt to any pool configurations.

EASY FOR INSTALLATION AND MAINTENANCE

• Assembly by sliding is a patented system which makes putting the slats together or apart easy. This assembly is possible thanks to the removable end caps.
• The traditional clipped assembly method remains possible.

PRICES: Find all detailed prices on page 188-189.

* To comply with French safety NF P90 308 standard, the slat must have a minimum width of 2.00 m.
In the case of an above-ground slatted cover, some precautions need to be taken when choosing the colour of the PVC slats in regions with very high levels of sunshine. Please contact us for further information.

COLOURS

White


Beige


Grey


Blue*

** 6 to 8 week lead time.*



DOWNLOAD AND SHARE THE OPAQUE PVC 69 SLATS MARKETING MATERIAL



MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY · NF P NORM 90-308 SAFETY

ENVIRONMENTAL BENEFITS

- Anti-photosynthesis solution with opaque slats that block photosynthesis, thereby reducing the need for water treatment and filtration.
- Insulating effect that maintains temperature and therefore reduces the heat pump's electricity consumption.
- Evaporation blocking effect to significantly reduce the need for water top-ups.

INFO

A cover contributes to environmental impact decrease by significantly limiting evaporation and therefore water loss in the pool and has economical benefits – see p. 397 of technical leaflet.

SLATS CHARACTERISTICS

EXTRUDED PVC SLATS

- Width 69 mm / thickness 13 mm.
- No lead-based additive.
- Resistance to staining from organic deposits.
- Material compliant with age resistance requirements defined by standard NF T54-405-1: 2013.
- UV treatment.

WATERTIGHTNESS THANKS TO GLUING

- Watertightness sealing made inside the slat.
- Using this technique, the slat size can be adapted on site.Once the slat has been cut to size, a new plug is fitted (available from the spare parts catalogue) it is then easy to refit the original end cap.

END CAPS

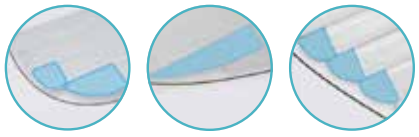
- Fitted on each end of the slat.
- 3 sizes available: S (15 mm), standard (25 mm), XL (35 mm). They can be used to adjust by more or less 1 cm per side (or 2 cm per slat). By default, our orders are shipped with standard end caps.
- Radius end caps for corners and stairs.



XL / Standard / S

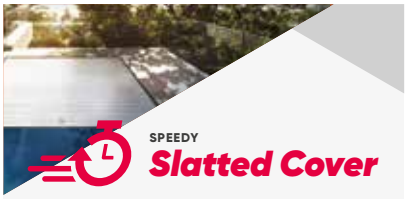


5 cm radius · 10 cm radius · 15 cm radius



20 cm radius · End caps to finalise step radius · End caps to finalise step radius

OPTIONS



Urgent order?

Your automatic cover is manufactured in 5 days* using our speed service.

*The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table. See p. 511.

ASSEMBLY METHODS

To make slat assembly easier in tight spaces, we offer two assembly methods. If you choose to slide the slats, please indicate this on the order form:

- **Sliding assembly**



- **Clipping assembly**





IVERNEA / IVERNEA PLUS

Remember to order your winter shift to protect the slats from UVs and dirt. See p. 224-225.

SLAT PRICES

POOL WIDTH (up to...m)		2.00	2.50	3.00	3.50	4.00	4.50
Opaque polycarbonate slats	NEW						
Nordic white or anthracite grey opaque polycarbonate slats		441.00	499.00	554.40	610.25	678.05	810.10
Opaque PVC 84 slats							
White or grey opaque PVC 84 slats		182.75	188.85	193.65	230.65	254.90	283.75
Opaque PVC 69 slats							
White, beige or grey opaque PVC 69 slats*		192.35	198.80	203.85	242.80	268.30	298.70
Blue opaque PVC 69 slats*		199.00	208.00	213.35	317.30	320.50	341.25
Solar polycarbonate slats							
Solar polycarbonate slats*		441.00	499.00	554.40	610.25	678.05	810.10
Packing (net price)							
Cardboard box (standard)		62.00	62.00	62.00	72.00	72.00	90.00
Extra cost to cardboard packaging	Wooden crate**	545.00	545.00	545.00	545.00	545.00	659.00
	Fumigated wooden crate**	715.00	715.00	715.00	715.00	715.00	868.00

* Slats > 6 m, blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.
** From 22.00 m lenght, 2 wooden crate are necessary.

POOL WIDTH (up to...m)		5.00	6.00	7.00	8.00	9.00	10.00
Opaque polycarbonate slats	NEW						
Nordic white or anthracite grey opaque polycarbonate slats*		852.75	1030.40	1198.70	1373.30	1542.85	1781.70
Opaque PVC 84 slats							
White or grey opaque PVC 84 slats		320.75	-	-	-	-	-
Opaque PVC 69 slats							
White, beige or grey opaque PVC 69 slats*		337.65	393.10	435.15	488.45	538.90	606.80
Blue opaque PVC 69 slats*		371.00	410.70	465.00	520.10	618.65	748.15
Solar polycarbonate slats							
Solar polycarbonate slats*		852.75	1 030.40	1 198.70	1 373.30	1 542.85	1 781.70
Packing (net price)							
Cardboard box (standard)		90.00	90.00	119.00	119.00	119.00	119.00
Extra cost to cardboard packaging	Wooden crate**	659.00	820.00	-	-	-	-
	Fumigated wooden crate**	868.00	1 065.00	-	-	-	-

* Slats > 6 m, blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time.
** From 22.00 m lenght, 2 wooden crate are necessary.

INFO

In order to choose the packaging, refer to the packaging line. The cardboard packaging (mandatory) can be completed by a wooden crate.

INFO

Cardboard boxing pricing based on pool width:
- up to 3.04 m = **€26.00**
- between 3.05 and 4.04 m = **€31.00**
- between 4.05 and 6.04 m = **€47.00**
- more than 6.05 m = **€61.00**

INFO

All our prices are in € excluding VAT.

SLAT PRICES

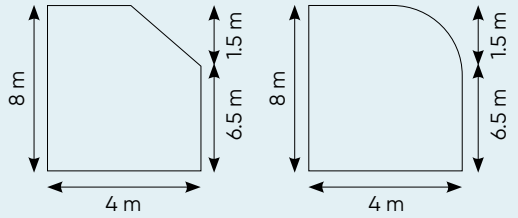
Slat options

Stairs	Roman stairs		Trapezoid stairs		Square stairs	
	Ø up to 3 m	Ø from 3 to 4 m	Base up to 3 m	Base from 3 to 4 m	Base up to 1.50 m	Base from 1.50 to 2.50 m
Nordic white or anthracite grey opaque polycarbonate slats NEW	1002.00	1291.00	921.00	1241.00	642.00	961.00
White or grey opaque PVC 84 slats	493.00	781.00	629.00	724.00	392.00	485.00
White, beige or grey opaque PVC 69 slats	519.00	822.00	662.00	762.00	413.00	511.00
Blue opaque PVC 69 slats*	556.00	887.00	684.00	791.00	440.00	546.00
Solar polycarbonate slats*	1 002.00	1 291.00	921.00	1 241.00	642.00	961.00
Slat cut-out (per m)	356.00					
Overflow guide (each)	87.00					

* Blue PVC slats and solar polycarbonate (crystal, blue, green, brown) slats: 6 to 8 weeks lead time

INFO

HOW TO CALCULATE THE PRICE OF CUT-OUT?



Example: 1.50 × 356.00 = 534.00 €

Order form must be filed out. For all orders for slats and/or stairs, an order form must be filled in, no template production.

Manual locking kit options (each)

Versions	Insert mount	Surface mount	Hanging mount
Pushlock	19.90	42.15	75.35
Quicklock*	131.00	142.40	158.45
Quicklock tool*		41.90	
Straplock kit - concrete coping*	101.35	135.80	78.30
Straplock kit - wooden coping*	110.05	144.50	87.00

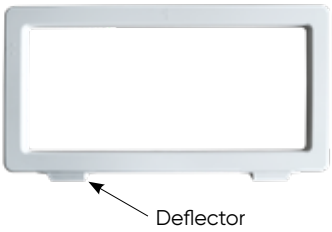
* Locking kit available options only with the opaque PVC 69 slats, the solar polycarbonate slats and opaque polycarbonate slats.

INFO

All our prices are in € excluding VAT.

ACCESSORIES

► SKIMMER DEFLECTOR



Prevents the slats from bumping into or getting stuck in the relief created on the wall by the skimmer cover.

- Available in 4 colours: white, beige, light grey and dark grey.
- Sold in pack of 10 pieces.

CONSEIL PRO

2 deflectors per skimmer, recommended for surface-mounted skimmers above Rollinside opening.
Easy to mount on covers outside the pool.
More informations p. 446.

DESCRIPTION	PRICE € EXCL. VAT
Skimmer deflector	25.10

AUTOMATIC LOCKING KIT

PUSHLOCK AUTOMATIC

Automatic locking kit for slatted covers



TYPE OF POOL

- For pools from 2.00 up to 10.00 m.
- Only for rectangular pools (available with radius up to 50 cm – not available with external stairs).

PRODUCT BONUS

+ Automatic lock and unlock of the slatted cover without human intervention.
+ Available in 4 colours.
+ Compatible with all our slats.

OPTIMISED DISTANCE BETWEEN EACH LOCKING KIT

- The distance between each Pushlock automatic is improved compared with the manual locking kit. Maximum 90 cm from the edge of the pool and maximum 3.24 m between each kit. For example, for a 4.50 m pool, you'll need 2 Pushlock automatic compared with 3 for manual locking kits.

COMPATIBLE WITH ALL DEL SLAT MODELS

- Opaque PVC 84 slats, solar polycarbonate slats and opaque PVC 69 slats as well as our new opaque polycarbonate slats.

PRICES: Find all detailed prices on the opposite page.

COLOURS



White



Light grey



Dark grey



Black



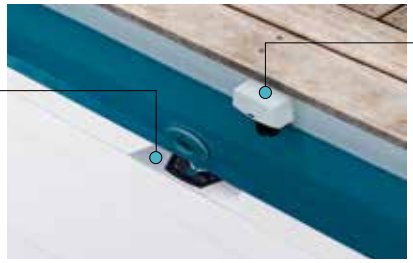


DOWNLOAD AND SHARE THE PUSHLOCK AUTOMATIC MARKETING MATERIAL



CF TRUST PRODUCT · SYSTEM PATENTED · 3 years WARRANTY · NF P NORM 90-308 SAFETY

- Patented system designed and developed by CF group.
- Automatic locking kit for slatted covers that complies with the French norm NF P90-308.
- This means that the user no longer has to manually lock or unlock each locking system. Thanks to the Wi-Key control system or the LivePool Cover application or the key switch, the slatted cover opens or closes and secures with a single gesture.
- The cover control box incorporates a solution that prevents additional strain on the cover motor, thereby preventing premature wear. This function has to be activated and set up.
- Kit available with 3 types of wall mountings (hanging mount, surface mount and insert mount).



1 REINFORCED HEAD SLAT WITH INTEGRATED HOOK

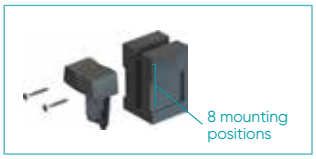
Compatible with all ranges of slats, opaque polycarbonate slats, opaque PVC 69 slats, solar polycarbonate and opaque PVC 84 slats.

2 LOCKING KIT

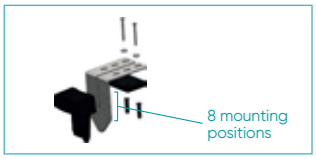
Wall installation with 3 versions available:
- Wall stainless steel bracket with 8 mounting locations to fit with pool water level, can be installed hidden behind the waterproofing membrane.
- Insert mount with a polymer part to be embedded in concrete.
- Surface mount with sleeves chemicaly sealed.



Surface mount



Insert mount



Hanging mount

FEATURES

- Hood in ABS material.
- Available in 4 colours: white, light grey, anthracite grey and black.
- Wall-mounted kit with 2 m cable and compact IP68 electrical connector.
- Wall-mounted kits installed only on the width opposite the roller.

REQUIREMENTS

- The water level must be controlled to ensure (level maximum variation: 4.5 cm) correct working of the fittings and the automatic switch must be activated.
- Each locking kits is to be connected to the dedicated control box (cable supplied as an option).
- Each locking kit have to be precisely located according to our preconisations (mentionned on the drawing supplied with the delivery).
- The pool must have a concrete belt to install the devices (via the bracket, chemical anchoring or the embedded part).

COMPATIBILTY

- Rollenergy Evolution
- Rollin

All the ranges of slats made by CF group**.

All control systems marketed by CF group, key switch, Wi-Key and LivePool Cover.

** For crystal blue, crystal green and crystal brown solar polycarbonate aprons, the reinforced blade will be a absolute black solar polycarbonate slat.

COMPLETE KIT PRICES

POOL WIDTH	NUMBER OF LOCKING KIT	COMPLETE KIT - PRICE € EXCL. VAT
From 2.00 to 5.04 m	2	**1 849.00**
From 5.05 to 8.28 m	3	**2 422.00**
From 8.29 to 10.00 m	4	**2 995.00**

To comply with the French NF P90-308 safety standard, the locking kits must be installed in accordance with our recommendations in the technical instructions leaflet.
The positioning of the locking kits will be determined by CF group according to the configuration of your pool.
A detailed drawing will be sent to you when your cover is delivered.

INFO

COMPLETE KIT INCLUDES:
- Reinforced head slat
- Pushlock automatic locking kit
- Pushlock automatic control box

Further details can be found in the technical leaflet, p. 444.

OPTIONS

DESCRIPTION	PRICE € EXCL. VAT
Flexible electrical cable H05RNF-2x0.75 roll 25 m - black	**62.50**
Flexible electrical cable H05RNF-2x0.75 roll 50 m - black	**125.00**

We recoment to use this exact type of cable to ensure easy installation with an ideal compatibilty with the electric system and its watertightness.

MANUAL LOCKING KIT
PUSHLOCK

DEL

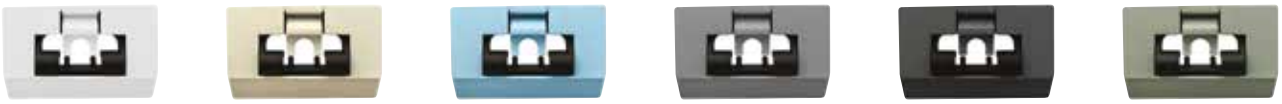
HIGH WATER LEVEL COMPATIBLE.
- Highly resistant ABS material (identical to that of the wall units ranges).
- Aesthetic and discrete safety kit composed of a black base (to be fixed) and a coloured cover (see possible colours below).
- Adaptable to rounded and trapezoid shapes.
- Seals supplied if installed on the front of the pool or to be embedded with the Infinity control box.



COMPATIBILITY PUSHLOCK COLOUR / LINER COLOUR:

PUSHLOCK	LINER
White	White
Beige	Beige
Ice blue	Ice blue
Medium grey	Steel grey
Dark grey	Anthracite grey
Argile green	Argile green

AVAILABLE COLOURS:



White | Beige | Blue | Light grey | Dark grey | Argile green

DIRT-PROOF STRAP

The Pushlock locking system is available with a strap made from PVC-coated fabric, which prevents it from getting dirty and turning green.

The assembly and replacement of the straps is easy.

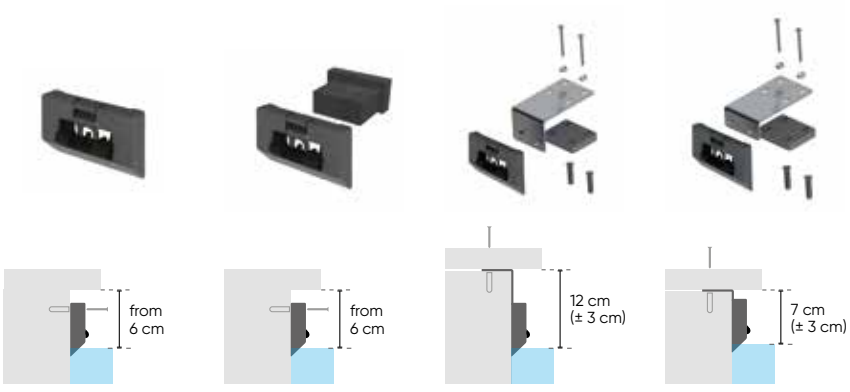
The strap colour will match the slat colour.

HANGING MOUNT

The hanging mount support colour matches the Pushlock kits colour:

FITTINGS COLOUR	HUNG MOUNT COLOUR
White	White
Beige	Beige
Dark blue	White
Light grey	Grey
Dark grey	Grey
Argile green	White

For an overflow pool, the hanging mount kits will be delivered in raw stainless-steel.



Surface mount | Insert mount | Hanging mount | High hanging mount (for water levels between 60 and 80 mm)



Model	Surface mount	Insert mount	Hanging or highhanging mount
PRICE € ex VAT	**19.90**	**42.15**	**75.35**

MANUAL LOCKING KIT
QUICKLOCK

DEL

- Used to secure the pool without bending down using the Quicklock tool.
- Not compatible with the Rollinside and Rollfit in-ground automatic cover.



AVAILABLE IN DIFFERENT COLOURS:



White | Beige | Grey | Quicklock tool

HANGING MOUNT

The hanging mount support colour matches the Quicklock colour:



Surface mount | Insert mount | Hanging mount

Model	Surface mount	Insert mount	Hanging mount
PRICE € ex VAT	**131.00**	**142.40**	**158.45**
Quicklock tool: **41.90 € ex VAT**			

STRAPLOCK

DEL

- Adaptable to all pool configurations except polyester shells.
- Not compatible with the Rollinside and Rollfit in-ground automatic cover.





Surface mount | Insert mount | Hanging mount

Model	Surface mount		Insert mount		Hanging mount	
Coping	Concrete	Wood	Concrete	Wood	Concrete	Wood
PRICE € ex VAT	**101.35**	**110.05**	**135.80**	**144.50**	**78.30**	**87.00**

INFO

HOW TO DEFINE THE NUMBER OF MANUAL LOCKING KITS (FOR MANUAL MODELS)?

For opaque PVC 69 or solar polycarbonate slats*:

AUTOMATIC COVERS WIDTH	ABOVE-GROUND WITH NO CASING, MOBILE, ROLLINSIDE, ROLLFIT	ROLLOVER, ROLLENERGY, ROLLIN
≤ 3.00 m	4 kits	2 kits
From 3.00 to 5.00 m	6 kits	3 kits
From 5.00 to 7.00 m	8 kits	4 kits
From 7.00 to 10.00 m	10 kits	5 kits
≥ 10.00 m	12 kits	6 kits

For opaque PVC 84 slats*:

AUTOMATIC COVERS WIDTH	ABOVE-GROUND WITH NO CASING, MOBILE, ROLLINSIDE, ROLLFIT	ROLLOVER, ROLLENERGY, ROLLIN
≤ 2.50 m	4 kits	2 kits
From 2.50 to 4.00 m	6 kits	3 kits
From 4.00 to 5.00 m	8 kits	4 kits

* To comply with the NF P90-308 safety standard, the manual locking kits must be installed in accordance with our recommendations in the instructions: less than 50 cm from each edge and at a maximum distance of 2.00 m between them, **maximum distance of 1.50 m for decks with Opaque PVC 84 slats**. The number and positioning of the locking kits will be determined by CF group according to the configuration of your pool and a detailed plan will be sent to you on delivery of your curtain.The validity of the conformity requires compliance with the information provided.

AN URGENT JOB-SITE?

Your slatted cover manufactured in 5 days*

This is possible with the

SPEEDY **Slatted Cover**



USEFUL TO KNOW

For speedy slatted cover service orders, a surcharge of +10% will be applied to your automatic slatted cover price, whatever the period.



Find all the conditions of use of the high-speed services on page 511.



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OUR RANGE OF BAR COVERS





	PREMIUM B-2.1 /B-2.2 / B-2.3 / B-2.4	PREMIUM ABOVE-GROUND B-2.0
	DEL	DEL
POOL FEATURES		
Maximum pool size (excluding stairs) (in m)	5.50 x 12.00	5.00 x 10.00
In-ground pool	✓	✗
Above-ground pool	✗	✓
FINISHES		
Cover length finish	Hem + strap	Hem + eyelets
Colours	Beige, Almond, Green, Blue, Grey, Dark grey, Matt light grey	
Cover material	580 g/m²	
Fabric treatment	UV, fongic & stain treatment	
Strap colours	Matching the fabric colour	
Overlap	25 cm as standard Other overlap on request	According to the coping size (20 cm minimum)
FITTINGS		
Anchors	Stainless steel anti-lift ring + stainless steel/aluminium anchors	Wood'Lock grip (PATENTED)
Tension	Stainless steel "easy" ratchets (PATENTED)	Wood'Lock grip (PATENTED)
Movable straps	✓ *(Variant Premium Universal B-2.2)*	✗
Fitting	✓	Wood'Lock grip (PATENTED)
Anti-lift for lengths	Side straps + stainless steel ratchet *(except for Variant Premium Easy B-2.4)*	Wood'Lock grip (PATENTED)
OPTIONS AND TECHNICAL FEASIBILITY		
Anti-abrasion strips (rectangular pools only)	✓ option	✗
Colour bars	✓ *(Variant Premium Color B-2.3)*	✓ option
Stairs on width	✓ (attached to the cover)	✓ (attached to the cover)
Stairs on length	✓ (attached to the cover)	✓ (attached to the cover)
Block cut feasibility	✓	✓
Free-shape feasibility (see p. 205)	✓	✓
WARRANTIES		
	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY

Speedy Bar Cover: high speed manufacturing service only for Premium models. See p. 510.

OUR RANGE OF BAR COVERS

			
	CLASSIC B-1.1	**CLASSIC ABOVE-GROUND B-1.0**	**CF COVERKIT**
	DEL	DEL	CF
POOL FEATURES			
Maximum pool size (excluding stairs) (in m)	5.00 x 12.00	5.00 x 10.00	4.00 x 9.00
In-ground pool	✓	✗	✓
Above-ground pool	✗	✓	✗
FINISHES			
Cover length finish	Cut-edge	Hem + eyelets	Hem + strap
Colours	Beige, Almond, Green, Blue, Grey, Dark grey, Matt light grey		Grey
Cover material	580 g/m²		580 g/m²
Fabric treatment	UV, fongic & stain treatment		UV, fongic & stain treatment
Strap colours	Black	Black	Black
Overlap	25 cm	According to the coping size (20 cm minimum)	25 cm
FITTINGS			
Anchor	Stainless steel anti-lift ring + stainless steel/aluminium anchors	Stainless steel wall fitting hook	Stainless steel
Tension	Stainless steel ratchets	Stainless steel ratchets	Stainless steel "easy" levers (PATENTED)
Movable straps	✗	✗	✓
Quick fitting	✗	✗	✓
Anti-lift for lengths	✗	Safety elastic straps	✓
OPTIONS AND TECHNICAL FEASIBILITY			
Anti-abrasion strips (rectangular pools only)	✗	✗	✗
Colour bars	✗	✗	✗
Stairs on width	✓ (attached to the cover)		✓ (attached to the cover)
Stairs on length	✗	✗	✗
Block cut feasibility	✗	✗	✗
Free-shape feasibility (see p. 205)	✗	✓	✗
WARRANTIES			
	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY

Speedy Bar Cover: high speed manufacturing service only for DEL service only for Premium models. See p. 510.

BAR COVERS

PREMIUM B-2.1

The cover which combines safety and design



TYPE OF POOL

- For pools up to 5.50 x 12.00 m + stairs up to 2.00 x 4.00 m.
- Maximum cover size: 6.00 x 12.50 m (standard 25 cm overlap or other overlap in request).

PRODUCT BONUS

+ Aesthetically pleasing and neatly finished with hem and strap in the same colour as the fabric.
+ Easy ratchet tensioning system.
+ Many variants to suit every need.

1 FITTINGS

- Three fitting straps with stainless steel "easy" ratchets (PATENTED) and stainless steel and aluminium anchors.
- Straps matching the fabric colour.
- Crystal PVC reinforcement under the ratchets for perfect coping protection.

2 580 G/M² FABRIC

- UV and fungicide treatment.
- Exceptional size stability.
- Excellent distortion resistance.
- Hem finish.
- Rainwater drainage holes equipped with a flap. These ensure an efficient drainage and an aesthetic cover (holes hidden by the flap).
- Standard 25 cm overlap all around the pool or other overlap on request.



Drainage holes



5 OPTION - ANTI-ABRASION PROTECTION

- Removable strips of anti-abrasion fabric under the cover.
- Strips placed at the contact points of the coping.

4 ANODISED ALUMINIUM BARS 20 MICRONS

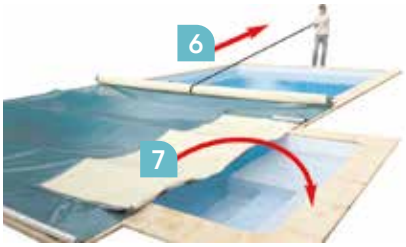
- Grey coloured bar caps.

3 ANTI-LIFT SYSTEMS

- Two side straps with stainless steel "easy" ratchet (PATENTED).
- Crystal PVC reinforcement under the ratchets for a perfect coping protection.
- Straps matching the fabric colour.
- Leaves and debris blocking effect.

6 ROLLING / UNROLLING

- Removable unrolling strap used to unroll the cover over the pool.
- The unrolling strap is fitted with a quick fastener for easier handling.The strap can be stowed away from the pool side.
- Cover delivered with 1 or 2 handles; handle with a reduction ratio adapted to the cover dimensions.





7 STAIRS ON POOL LENGTHS

- Tension using a beige elastic safety strap.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY (FULL WARRANTY) · NF P NORM 90-308 (SAFETY)



PERFECT FOR YOUR SAFETY

This cover can be used all year round: in both summer and winter, the Premium cover secures the pool while maintaining the water temperature. It also limits the photosynthesis phenomenon and the growth of algae and other micro-organisms.

OPTIONS

WIND KIT WITH CABLES BUILT INTO THE BAR

For pools up to 8.00 m long, a stainless-steel cable can be installed at the factory inside the middle bar of the cover. The cable is tightened thanks to a stainless-steel ratchet. This solution can also be used on pools longer than 8.00 m by installing two cables.
Installation of the wind kit at the factory: free of charge.
On-site mounting is also possible.



ADDITIONAL BARS

Shorter distance between the bars comparing to standard manufacturing, enhancing the felt robustness of the cover (1.30 m max between bars).

DESCRIPTION	UNIT	PRICE € EXCL. VAT
Rectangular shape*	Per m²	**51.05**
Step unit (on the length)	Fixed price	**429.45**
Step unit (on the width)	Fixed price	**272.35**
Cut-out (storage side)	Fixed price	**306.05**
Option: Additional bars	Per m²	**3.90**
Option: Anti-abrasion protection	Per m²	**4.70**
Option: Snow kit for wooden/ concrete coping	Each	**369.90**
Option: Wind kit for wooden/ concrete coping with visible straps	Each	**114.95**
Option: High wind kit for wooden/ concrete coping with cable built into the bar	Each	**159.85**
Option: Removable water bag 0.30 m wide beige or grey, 1 m length	Each	**26.00**

** Other shapes and straight cut corners + 20% surcharge.*
If the cover is < 25 m², + 20% surcharge.

SCAN FOR QUICK CALCULATION

DON'T FORGET: Extend life time of our products by using our bar cover repair kit when small damages occurs on the canvas: ref. KITREP3.

INFO

For more details on cover shapes: see p. 205.

The fitting system is included in the cover price per m².

COLOURS

BRIGHT COLOURS

Beige · Almond · Green · Blue · Grey · Dark grey

The underside of the cover is beige.

MATT COLOUR

Light grey

The underside of the cover is grey.

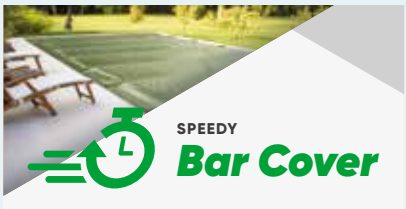
FITTINGS



Stainless steel aluminium anchor



"Easy" ratchet system, get the good tension with only half of hand effort



SPEEDY **Bar Cover**

Urgent order?

Your bar cover manufactured within 4 days* using our High speed service.

*The High speed production lead time of D+4, D+5 or D+6 applies depending on the period defined in the table. See p. 510.

BAR COVERS

VARIANT PREMIUM B-2.1

Even more possible configurations with its variants

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY FULL WARRANTY · NF P NORM 90-308 SAFETY

The Premium Universal B-2.2 cover, Premium Color B-2.3 cover and Premium Easy B-2.4 cover have all the technical characteristics of the Premium B-2.1 cover. They then present their own specific features.

VARIANT PREMIUM UNIVERSAL B-2.2: THE MOVABLE STRAP



ADVANTAGE OF THE PREMIUM UNIVERSAL COVER: THE MOVABLE STRAP

Greater flexibility during installation and perfect integration of the cover to the pool.

VARIANT PREMIUM COLOR B-2.3: COLOUR BARS



Beige · Almond · Green · Blue · Grey · Dark grey

ADVANTAGE OF THE PREMIUM COLOR COVER: COLOUR BARS

The colour bars give an aesthetic and harmonious effect to the cover. The matt grey cover is combined with the grey colour bar. The visible portion of the coloured bars matches the colour of the fabric.

VARIANT PREMIUM EASY B-2.4: WITHOUT ANTI-LIFT SYSTEMS



ADVANTAGE OF THE PREMIUM EASY COVER: WITHOUT ANTI-LIFT SYSTEMS

Ideal cover for non-windy areas.
More accessible variant for areas where antilift is not mandatory.

DESCRIPTION	UNIT	PRICE € EXCL. VAT
Premium Universal B-2.2: Rectangular shape*	Per m²	**51.95**
Premium Color B-2.3: Rectangular shape*	Per m²	**56.90**
Premium Easy B-2.4: Rectangular shape*	Per m²	**47.45**

** Other shapes and straight cut corners + 20% surcharge.*
If the cover is < 25 m², + 20% surcharge.

All available options are listed in the DEL Premium B-2.1 product page n° 199.

SCAN FOR QUICK CALCULATION

INFO

For more details on the cover shapes: see p. 205.

The fitting system is included in the cover price per m².

DOWNLOAD AND SHARE THE MARKETING MATERIALS!

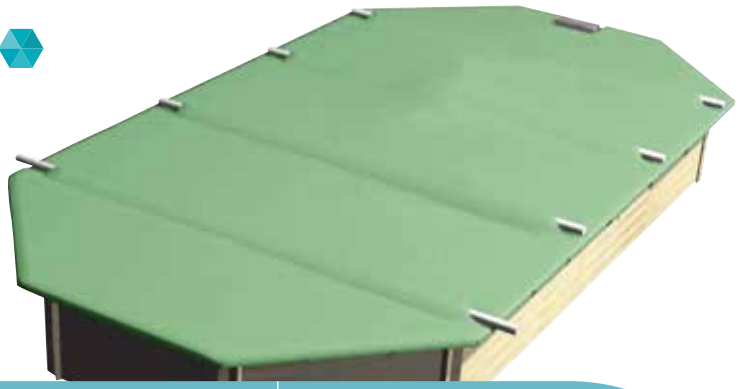


BAR COVERS

PREMIUM ABOVE-GROUND B-2.0

The cover which combines safety and design for above-ground pools

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY (FULL WARRANTY) · NF P NORM 90-308 (SAFETY)





Wood'Lock fixing system



Cut-out



Wood'Lock removable tension handle

TYPE OF POOL

- For 5.00 x 10.00 m above-ground pools.

PRODUCT BONUS

+ Quality finish with hem.
+ Wood'Lock system, unique on the market. Neither drilling nor hooks in the wood.
+ The cover is perfectly stretched.

CAN BE USED ALL YEAR ROUND

In both summer and winter, the Premium above-ground cover secures the pool while maintaining the water temperature. It also limits the photosynthesis phenomenon and the growth of algae and other micro-organisms.

- Fabric 580 g/m². UV and fungicide treatment, exceptional size stability, excellent distortion resistance.
- Hem finish along the cover length.
- Anodized aluminium bars 20 microns.
- Cover delivered with a wheel (Ø 300 mm) or a rolling handle.
- Stainless steel grip eyelets and PVC reinforcement make a higher resistance to tension and provide a safer and more reliable fastening over time.
- The Wood'Lock safety system clips onto the coping and the traction rod on top of it slides into each eyelet of the cover.
- Removable unrolling strap used to unroll the cover over the pool.
- The unrolling strap is equipped with a quick fastener for an easier handling.



OPTIONS

WIND KIT WITH CABLES BUILT INTO THE BAR

Stainless steel cable built into the middle bar. A ratchet is used to tension the system. Compatible with pools of a height of at least 40 cm above-ground.

COLOUR BARS

For a more aesthetic and harmonious cover.

ADDITIONAL BARS

Shorter distance between the bars comparing to standard manufacturing, enhancing the felt robustness of the cover (1.30 m max between bars).

DESCRIPTION	UNIT	PRICE € EXCL. VAT
All shapes*	Each	**66.85**
Cut-out	Fixed price	**250.90**
Option: Double Wood'Lock grip (one Wood'Lock grip on either side of the corner trim)	Fixed price per corner	**22.65**
Option: Additional bars	Surcharge per m²	**3.90**
Option: Colour bars	Surcharge per m²	**12.70**
Option: Snow kit for wooden coping	Each	**369.90**
Option: High wind kit for wooden coping with cable built into the bar	Each	**159.85**

If the cover is < 25 m², + 20% surcharge.

SCAN FOR QUICK CALCULATION

DON'T FORGET: Extend life time of our products by using our bar cover repair kit when small damages occurs on the canvas: ref. KITREP3

COLOURS

BRIGHT COLOURS

Beige · Almond · Green · Blue · Grey · Dark grey

The underside of the cover is beige.

MATT COLOUR

Light grey

The underside of the cover is grey.

INFO

For more details on the cover shapes: see p. 205.

The fitting system is included in the cover price per m².

SPEEDY Bar Cover

Urgent order?

Your bar cover manufactured within 4 days* using our High speed service.

*The High speed production lead time of D+4, D+5 or D+6 applies depending on the period defined in the table. See p. 510.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



BAR COVERS

CLASSIC B-1.1

The simple and efficient bar cover



TYPE OF POOL

- For pools up to 5.00 x 12.00 m + stairs up to 2.00 x 4.00 m.
- Maximum cover size: 5.50 x 12.50 m.

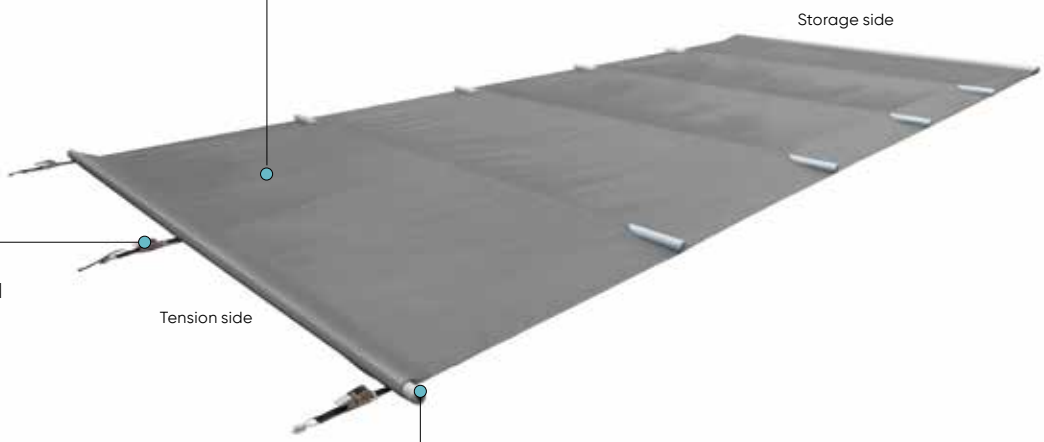
PRODUCT BONUS

+ Custom-made cover with a wide range of colours.
+ Essential functions, with no extras.
+ Excellent value for money.
+ Options available.

1 580 G/M² FABRIC

- UV and fungicide treatment.
- Exceptional size stability.
- Excellent distortion resistance.
- Rainwater drainage holes equipped with a flap. These ensure an efficient drainage and an aesthetic cover (holes hidden by the flap).
- Standard 25 cm overlap all around the pool.
- Cut-edge finish along the lengths.





3 FITTINGS

- Three fixing straps with stainless steel ratchets and stainless steel and aluminium anchors.
- Black straps.

2 ANODISED ALUMINIUM BARS 20 MICRON

- Grey coloured bar caps.

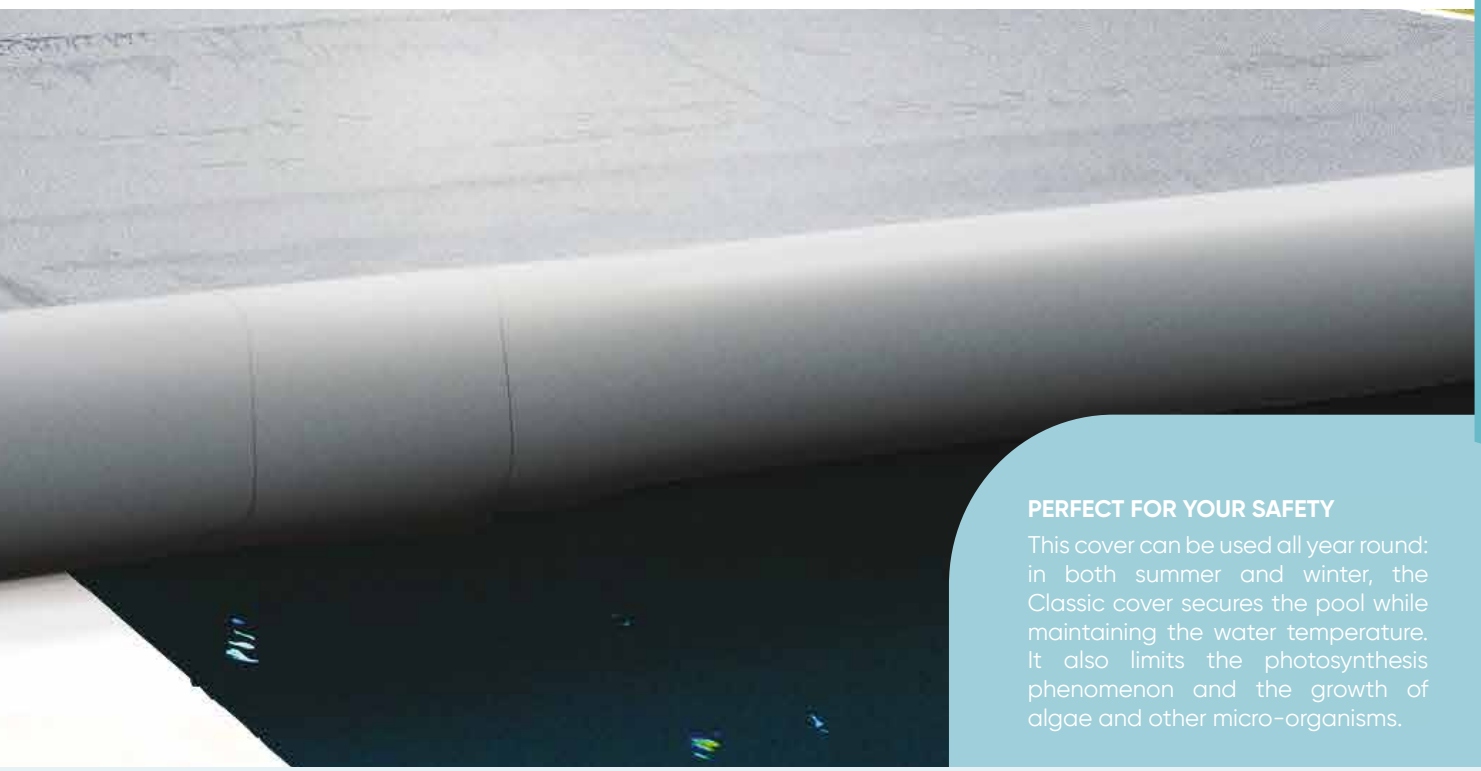
4 ROLLING / UNROLLING

- Removable unrolling strap used to unroll the cover over the pool.
- The unrolling strap is fitted with a quick fastener for an easier handling.
- Cover delivered with 1 or 2 hand crank.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY FULL WARRANTY · NF P NORM 90-308 SAFETY



PERFECT FOR YOUR SAFETY

This cover can be used all year round: in both summer and winter, the Classic cover secures the pool while maintaining the water temperature. It also limits the photosynthesis phenomenon and the growth of algae and other micro-organisms.

OPTIONS

SNOW KIT

Placed under the cover along the length, it supports the weight of the snow on the cover.

WIND KIT WITH VISIBLE STRAPS

Placed over the cover, the kit keeps the cover flat on the ground.

WIND KIT WITH BUILT-IN CABLE

For pools up to 8.00 m long, a stainless-steel cable can be installed at the factory inside the middle bar of the cover. The cable is tightened thanks to a stainless-steel ratchet. This solution can also be used on pools that are longer than 8.00 m by installing two cables. Installation of the wind kit at the factory: free of charge. On-site mounting is also possible.



WATER BAGS

Placed on the edges of the cover, they are used to ballast the cover in very strong winds in addition to the wind kit.

DESCRIPTION	UNIT	PRICE € EXCL. VAT
Rectangular shape*	Per m²	**41.30**
Step unit (on the width)	Fixed price	**263.05**
Option: Snow kit for wooden/ concrete coping	Each	**369.90**
Option: Wind kit for wooden/ concrete coping with visible straps	Each	**114.95**
Option: High wind kit for wooden/ concrete coping with cable built into the bar	Each	**159.85**
Option: Removable water bag 0.30 m wide beige or grey, 1 m length	Each	**26.00**

**If the cover is < 25 m², + 20% surcharge.*

SCAN FOR QUICK CALCULATION

COLOURS

BRIGHT COLOURS

Beige · Almond · Green

Blue · Grey · Dark grey

The underside of the cover is beige.

MATT COLOUR

Light grey

The underside of the cover is grey.

FITTINGS



Ratchet



Stainless steel aluminium anchor

INFO

For more details on the cover shapes: see p. 205.

DON'T FORGET: Extend life time of our products by using our bar cover repair kit when small damages occurs on the canvas: ref. KITREP3.

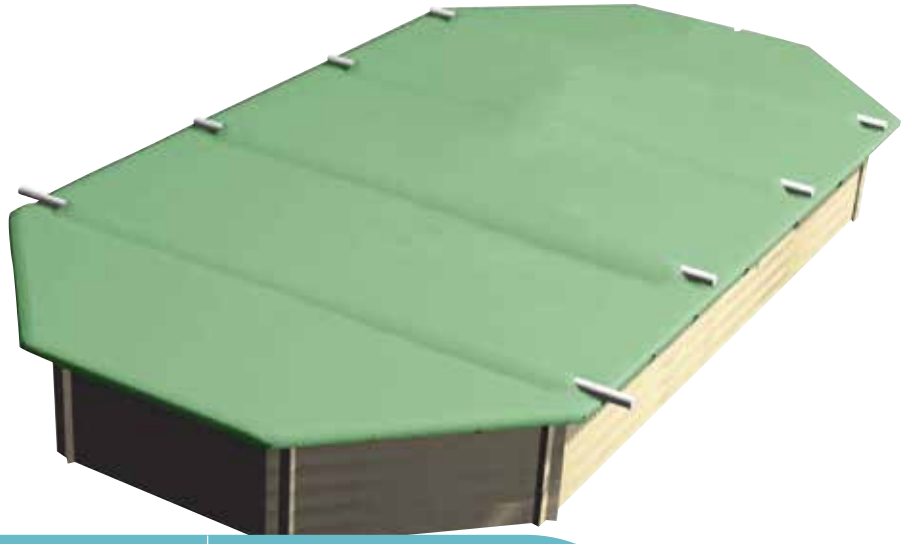
The fitting system is included in the cover price per m².

BAR COVERS

CLASSIC ABOVE-GROUND B-1.0

The simple and efficient bar cover for above-ground pools

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY (FULL WARRANTY) · NF P NORM 90-308 (SAFETY)



TYPE OF POOL

- For 5.00 x 10.00 m above-ground pools.

PRODUCT BONUS

+ Excellent value for money.

CAN BE USED ALL YEAR ROUND

In both summer and winter, the cover secures the pool while maintaining the water temperature. It also limits the photosynthesis phenomenon and the growth of algae and other micro-organisms.

- Fabric 580 g/m²: UV and fungicide treatment, exceptional size stability, excellent distortion resistance.
- Finish with a hem along the cover length.
- Rainwater drainage holes equipped with a flap. These ensure an efficient drainage and an aesthetic cover (holes hidden by the flap).
- Anodized aluminium bars 20 microns.
- Cover delivered with a wheel (Ø 300 mm) or a rolling handle.
- Double stainless steel eyelets for better tension resistance.
- Removable unrolling strap used to unroll the cover over the pool.
- The unrolling strap is fitted with a quick fastener for an easier handling.
- Tension using stainless steel ratchet.
- The lift-prevention system along the lengths is provided by beige elastic straps fixed using stainless steel eyelets.



OPTIONS

SNOW KIT FOR WOODEN COPING

Placed under the cover along the length, it supports the weight of the snow on the cover.





WIND KIT WITH CABLES BUILT INTO THE BAR

Stainless steel cable built into the middle bar. The tension is made thanks to a ratchet. Compatible for pools having an above-ground height of 40 cm minimum.

DESCRIPTION	UNIT	PRICE € EXCL. VAT
All shapes*	Per m²	47.90
Option: Snow kit for wooden coping	Each	369.90
Option: High wind kit for wooden coping with cable built into the bar	Each	159.85

**If the cover is < 25 m², + 20% surcharge.*

SCAN FOR QUICK CALCULATION

DON'T FORGET: Extend life time of our products by using our bar cover repair kit when small damages occurs on the canvas: ref. KITREP3.

COLOURS

BRIGHT COLOURS

Beige · Almond · Green · Blue · Grey · Dark grey

The underside of the cover is beige.

MATT COLOUR

Light grey

The underside of the cover is grey.

FITTINGS



Beige elastic straps · Ratchet · Stainless steel wall hooks

INFO

The fitting system is included in the cover price per m².

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



BAR COVER SHAPES AND ACCESSORY

INFO

SHAPE OF YOUR BAR COVER

1/ RECTANGULAR POOL



2/ POOL WITH STRAIGHT CUT CORNERS

Cover with straight cut corners.
Contact us for technical feasibility.
Surcharge: +20%.



3/ FREE FORM POOL

Rectangular cover with pads placed depending on the pool shape.
Contact us for technical feasibility
Surcharge: +20%.



ACCESSORY

DEL

► PADOLO NEW

2 years WARRANTY
FULL WARRANTY

Reel system for bar cover

Fast, powerful and practical reel for pools up to 6 x 12 m.

- Modern, compact design (light grey, 32 cm high).
- Consists of two removable trolleys (one motorised and one follower) carrying the cover.
  Ultra-simple to install: delivered ready to use, no work required on the pool.
  Prevents the cover from rubbing against the ground when manoeuvring.
  Allows you to push the cover onto the deck to free up the pool area for swimming.
  Non-marking Ø 125 mm wheels for use on inground pools with hard, even ground.
- **Radio remote control to open the pool effortlessly: comfortable to use and possible for everyone.**
- **Rolls up in 40 seconds (for an 8 m pool).**
- Autonomous system with on-board battery.
  Autonomy of up to 40 opening/closing cycles.
  Battery can be recharged quickly (2 hours) from the mains using a plug integrated into the motorised trolley and a charger supplied.
- Fitted with a 15 mm male square to be compatible with the entire DEL range and the majority of the market.



REF.	PRICE € EXCL. VAT
A-ECCB02100	**1 150.00**

► ROLL-E

2 years WARRANTY
FULL WARRANTY

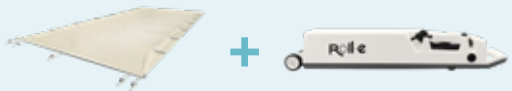
Reel system for bar cover

- Roll-e only takes 3 minutes to roll your pool bar cover (for a 10.00 x 5.00 m pool). Its wired remote control enables to move the Roll-e without any effort.
- Can roll your cover about 10 times thanks to its built-in battery. It charges on the mains using the jack socket on the remote control. Roll-e fits onto the 15 mm square output on your bar cover.
- The square drive is extended for better fit in the cap of the bar during rolling.
- Supplied with an adapter for right-rolling.
- Suitable for a cover with maximum size of 5.00 x 12.00 m (pool dimensions 4.50 x 11.50 m).



REF.	PRICE € EXCL. VAT
ROLL-E	**832.00**

DESCRIPTION	REF.	PRICE € EXCL. VAT
Adapter for left-side rolling	**A-ECCB01901**	**88.05**



DUO PACK - ROLL-E

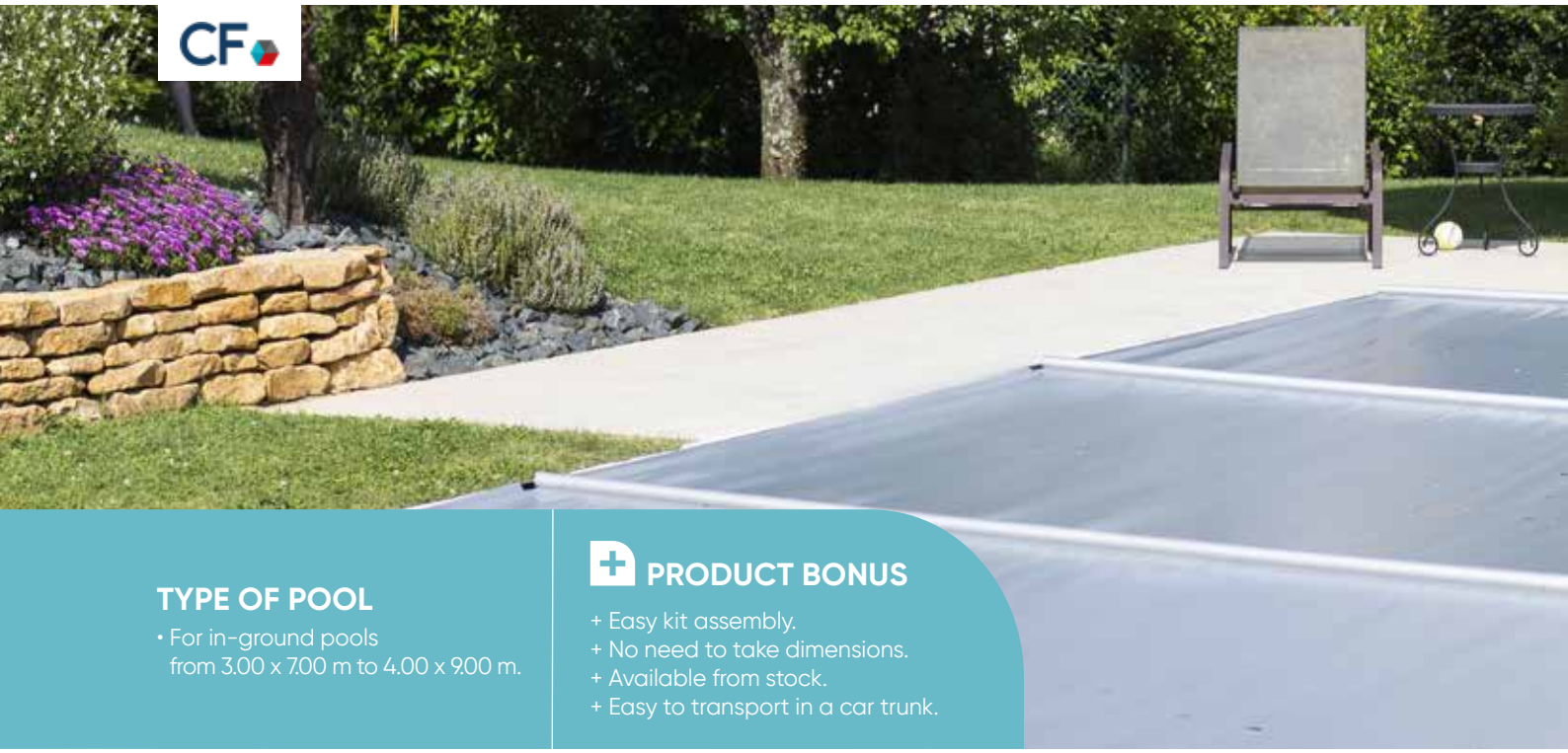
For any order with a bar cover and one roller:

Roll-e = **1 183.00 € - excl. VAT.**

BAR COVERS

CF COVERKIT

The standardised bar cover in kit form



TYPE OF POOL

• For in-ground pools
from 3.00 x 7.00 m to 4.00 x 9.00 m.

PRODUCT BONUS

+ Easy kit assembly.
+ No need to take dimensions.
+ Available from stock.
+ Easy to transport in a car trunk.

Cover in kit form, easily assembled by sliding the modules together.
Time-saving for you and your customers, with no need to take measurements and easy transport (maximum 1.90 m parcel).

1 580G/M² FABRIC

• Anti-UV and fungicide treatment.
• Exceptional size stability.
• Excellent distortion resistance.
• Finished with hem.
• The rainwater drainage holes are equipped with a flap.



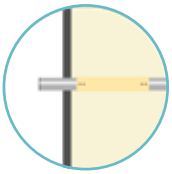
Rainwater drainage holes

2 FITTINGS - TENSIONING SIDE

• "Easy" patented stainless steel ratchet, tensionning the cover twice as easily.
• Black straps.
• Anchors for concrete deck supplied.

3 ANODISED ALUMINIUM BARS

• Grey coloured bar caps.
• Edge protection pads on the bar.

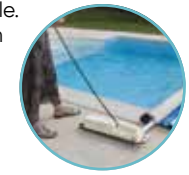


4 ASSEMBLY

• Tubes and canvas panels assemblied by sliding.

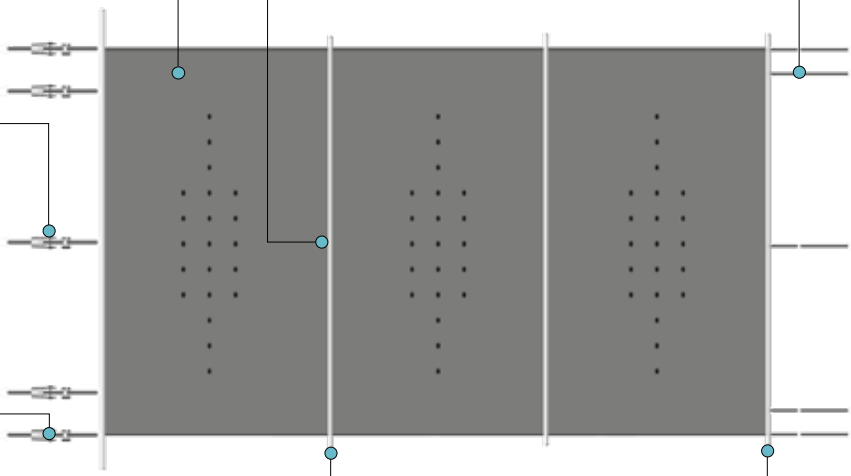
5 ROLLING / UNROLLING

• Cover supplied with crank handle.
• Padolo or Roll-e available as an option.



6 FITTING - GROUND FIXATION SIDE

• "Moveable straps" - fixing straps sliding in the bar.
• Anchors for concrete deck supplied.



7 ANTI-LIFT SYSTEMS

• Two side straps with stainless steel "easy" ratchet (PATENTED).
• Crystal PVC reinforcement under the ratchets for a perfect coping protection.
• Straps matching the fabric colour.
• Leaves and debris blocking effect.

MADE IN FRANCE
CF TRUST PRODUCT
3 years WARRANTY FULL WARRANTY
NF P NORM 90-308 SAFETY

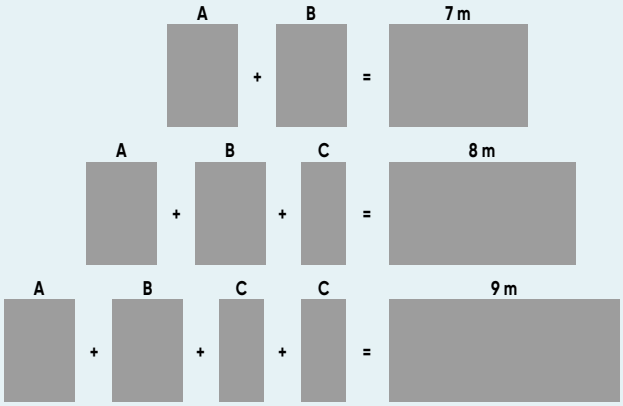


UNIQUE CONCEPT

Coverkit is a unique bar cover concept.

- You can set up your own cover using standardised components that can be stored at your premises or delivered in 24/48 hours, without having to take complete measurements of the pool.
  With its ultra-practical 1.90 m packages and maximum 24 kg weight, it can also be transported by car.
  Presented in kit form, the bar cover can be assembled by 2 people in just 2 hours. Each bar is delivered in a short section to be sleeved and screwed.

- Choose a 3 m or 4 m pack depending on the width of your pool, then for lengths up to 7 m add just 2 packs A and B.
  For lengths up to 8 m add pack C and 2 packs C for lengths up to 9 m.



DESCRIPTION	PRICE € EXCL. VAT
Pack 3 - Packs A et B - 3 x 7 m	**790.83**
Pack 3 - Packs C	**140.83**
Pack 4 - Packs A et B - 4 x 7 m	**999.17**
Pack 4 - Packs C	**182.50**

SCAN FOR QUICK CALCULATION

DON'T FORGET: Extend life time of our products by using our bar cover repair kit when small damages occurs on the canvas: ref. KITREP3

COLOUR

Grey

The underside of the cover is beige

FITTINGS



Stainless steel aluminium anchor



"Easy" ratchet system, get the good tension with only half of hand effort

INFO

The fitting system is included in the price of the cover.

Coverkit comply to NF P90-308, subject to **concrete pool** surround (on 80 cm) and pool (between "edges") maximum dimension:
Pack 3: pool width 3.06 m maxi
Pack 4: pool width 4.06 m maxi
Pool length: 7.02 / 8.02 / 9.02 m maxi.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



OUR RANGE OF
WINTER COVERS






	LAKE	LAKE ABOVE GROUND	COVEA	COVEA ABOVE GROUND
	DELO	DELO	DELO	DELO
POOL FEATURES				
Maximum pool size with Safety model (in m)	6.00 x 14.00	4.65 x 9.65	5.50 x 11.00	5.00 x 9.00
Maximum pool size with "Non-safety" model (in m)	8.00 x 16.00	✗	8.00 x 16.00	5.00 x 10.00
In-ground pool	✓	✗	✓	✗
Above-ground pool	✗	✓	✗	✓
FINISHES				
Material	Opaque			
Overlaps (default)	35 cm	Coping width	35 cm	Coping width
Fabric	580 g/m² PVC coated polyester			
Rainwater drainage	Drainage grid	Drainage grid	Drainage holes	Drainage holes
Hanging point	316 L stainless steel claw eyelets Reinforced PVC eyelets		316 L stainless steel eyelets	
Colours	Beige, Almond, Green, Blue, Grey, Dark Grey, Matt light grey			
FITTINGS				
Safety fittings (options to choose)	• P Evolution anchor (standard) • O anchor • Telescopic anchor for concrete coping (countersunk head) • Telescopic anchor for wooden coping (countersunk head)	• Wood'Lock safety system (standard)	• O anchor (standard) • P Evolution anchor • Telescopic anchor for concrete coping • Telescopic anchor for wooden coping	• Plastic hook (standard) • Stainless steel hook
"Non-safety" fittings (options to choose)	• P anchor (standard) • Lawn anchor • Aluminium telescopic anchor for concrete decking • Brass telescopic anchor • Telescopic anchor for wooden coping	-	• P anchor (standard) • Lawn anchor • Aluminium telescopic anchor for concrete decking • Brass telescopic anchor • Telescopic anchor for wooden coping	• Stop hook (standard) • Plastic hook • Stainless steel hook
Safety tension (options to choose)	• Bungee-clic (standard) • Stainless steel safety spring	-	• Bungee-clic (standard)	• Bungee-clic (standard)
"Non-safety" tension (options to choose)	• Cabiclic elastic straps (standard) • 2-end elastic straps with 2 hooks • Jocca • Stainless steel spring	-	• Continuous elastic strap (standard) • 2-end elastic straps with 2 hooks	• Continuous elastic strap
DELIVERY				
Packaging	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm
COMPLIANT WITH				
French Safety Norm NF P90-308	Yes / No	Yes	Yes / No	Yes / No
WARRANTIES				
	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY







	COVEA PRIMA / COVEA PRIMA ABOVE GROUND	FLOATING	SUPERGREEN	INITIAL	INITIAL ABOVE GROUND
	DELTA	DELTA	DELTA	DELTA	DELTA
POOL FEATURES					
Maximum pool size with Safety model (in m)	✗	✗	6.00 x 13.00	6.00 x 13.00	✗
Maximum pool size with "Non-safety" model (in m)	12.00 x 25.00	8.00 x 16.00	12.50 x 25.00	8.00 x 16.00	6.00 x 13.00
In-ground pool	✓	✓	✓	✓	✗
Above-ground pool	✓	✗	✗	✗	✓
FINISHES					
Material	Opaque	Opaque	Net		
Overlaps (default)	35 cm / coping width	Coping width	35 cm	35 cm	Coping width
Fabric	PE 180 g/m²	PE 180 g/m² PVC 580 g/m²	PE 235 g/m²	PE 150 g/m²	PE 150 g/m²
Rainwater drainage	Drainage holes	✗	Mesh	Mesh	Mesh
Hanging point	316 L stainless steel eyelets	Coping overlap to weight	Stitched strap	Stitched strap	Stitched strap
Colours	Blue	Blue, Grey (only in blue for PE)	Green	Blue, Green, Grey, Beige	
FITTINGS					
Safety fittings (options to choose)	-	-	• P Evolution anchor (standard) • Telescopic anchor for concrete coping • Telescopic anchor for wooden coping	• O anchor (standard) • Telescopic anchor for concrete coping • Telescopic anchor for wooden coping	-
"Non-safety" fittings (options to choose)	• In-ground model: P anchor Lawn anchor • Above-ground model: Plastic wall hook Stainless steel wall hook	-	• P anchor (standard) • Lawn anchor • Aluminium telescopic anchor for concrete coping • Brass telescopic anchor • Telescopic anchor for wooden coping	• P anchor (standard) • Lawn anchor • Aluminium telescopic anchor for concrete coping • Brass telescopic anchor • Telescopic anchor for wooden coping	• Plastic wall hook (standard) • Stainless steel wall hook • Elastic strap stop hook
Safety tension (options to choose)	-	-	• Stainless steel safety spring (standard)	• Stainless steel safety spring (standard)	-
"Non-safety" tension (options to choose)	• Continuous elastic strap (standard in-ground and above-ground models) • 2-end elastic straps with 2 hooks (in-ground model)	-	• Stainless steel spring (standard)	• Continuous elastic strap (standard) • Stainless steel spring	• Continuous elastic strap (standard)
DELIVERY					
Packaging	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm	800 x 600 x 350 mm
COMPLIANT WITH					
French Safety Norm NF P90-308	No	No	Yes / No	Yes / No	No
WARRANTIES					
	2 years WARRANTY DEGRESSIVE	2 years WARRANTY DEGRESSIVE PE 3 years WARRANTY FULL WARRANTY PVC	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY	3 years WARRANTY FULL WARRANTY

OPAQUE WINTER COVERS
LAKE
Top-quality cover for perfectly clean water

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY (FULL WARRANTY) · NF P NORM 90-308 (SAFETY)



TYPE OF POOL
- For in-ground pools up to 6.00 x 14.00 m + 35 cm overlaps standard other overlap on request.

EXTENDED WINTERING
- The opaque cover keeps the pool water in the dark, thereby preventing photosynthesis and the spread of algae during the winter.
- A central drainage mesh drains off rainwater and catches leaves and other dirt.

PRODUCT BONUS
+ High quality construction with reinforced eyelets.
+ Central drainage mesh with filtering capacity to retain debris and dirt.
+ Effective pond protection during winter.

- Material 580 g/m² non deformable: UV and fungicide treatment.
- Central drainage mesh (made of 340 g/m² PVC coated polyester) to drain off rainwater.
- High frequency cover welding and hot air hem welding for a stronger cover.
- Stainless steel (316 L marine grade) eyelets mounted on a welded reinforcement: high resistance to tension for a incomparably strong and reliable cover.
- Serial number identification for traceability and production process tracking (for the Lake safety cover).

SHAPE	COMPLIANT LAKE SAFETY**	LAKE "NON-SAFETY"
Rectangular cover*	**26.20 €/m²**	**24.40 €/m²**
Geometrical cover*	**30.90 €/m²**	**28.25 €/m²**
Special shape cover*	**33.90 €/m²**	**31.15 €/m²**
Step unit fixed price (roman, straight or trapezoid) - Rectangular cover	**250.15 €**	
Step unit fixed price (roman, straight or trapezoid) - Shape cover	**321.55 €**	
Cut-out fixed price	**91.70 €**	

The price given per m² includes standard anchor and tension (price € excl. VAT).

** If the cover is < 25 m², +20% surcharge.*
*** French norm NF P90-308*

SCAN FOR QUICK CALCULATION

COLOURS

BRIGHT COLOURS
Beige · Almond · Green · Blue · Grey · Dark grey

The cover underside is beige.

MATT COLOUR
Light grey

The cover underside is grey.


Reinforced eyelet

FITTINGS

STANDARD:

▶ FOR THE LAKE SAFETY MODEL:
- the standard anchor is the P Evolution anchor
- the standard tension is the sandowclic


P Evolution anchor


Bungee-clic

▶ FOR THE LAKE "NON-SAFETY" MODEL:
- the standard anchor is the P anchor
- the standard tension is the cabiclic elastic strap


P anchor


Cabiclic elastic strap (choice of colours)

INFO

Don't hesitate to choose cabiclic elastic straps that match your coping.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



OPAQUE WINTER COVERS
LAKE

OPTIONS:

▶ FOR THE LAKE SAFETY MODEL:

> Anchor options

O anchor	Aluminium telescopic anchor for concrete coping with countersunk head*	Telescopic anchor for wooden coping with countersunk head*
		
No extra cost	**+ 4.45 €/m²**	**+ 8.40 €/m²**

Price € excl. VAT.
** Not compatible with "standard bungee-clic" tension.*
Stainless steel safety spring option MANDATORY.

▶ FOR THE LAKE "NON-SAFETY" MODEL:

> Anchor options

Lawn anchor - stainless steel	Telescopic anchor for concrete coping - aluminium	Telescopic anchor - brass	Telescopic anchor for wooden coping - stainless steel / aluminium anchor
			
+ 1.45 €/m²	**+ 2.40 €/m²**	**+ 5.75 €/m²**	**+ 7.10 €/m²**

Price € excl. VAT.

FOCUS

TELESCOPIC ANCHOR FOR WOODEN COPING WITH COUNTERSUNK HEAD:
the anchor's countersunk head allows for easy handling when fastening and unfastening the cover. When maximum tension is applied, a single half-turn is enough.



> Tension options

Stainless steel safety spring

+ 3.45 €/m²

Price € excl. VAT.

> Tension options

2-end elastic strap	Jocca	Stainless steel spring
		
+ 0.60 €/m²	**+ 1.45 €/m²**	**+ 3.45 €/m²**

Price € excl. VAT.

ACCESSORIES:

N°	DESCRIPTION	REF.	EACH (PRICE IN € EXCL. VAT)
1	Fastening handle	**P-KPOI01101**	**38.85**
2	Protective foam corner	**P-KANG02100**	**11.35**
3	Support wires for concrete coping	**P-ARSA05201**	**133.70**
4	Support wires for wooden coping	**P-ARSA05200**	**133.70**
5	Storage bag*	**P-CECS20300**	**64.85**

** For cover up to 90 m².*


1


2


3 - 4


5

INFO

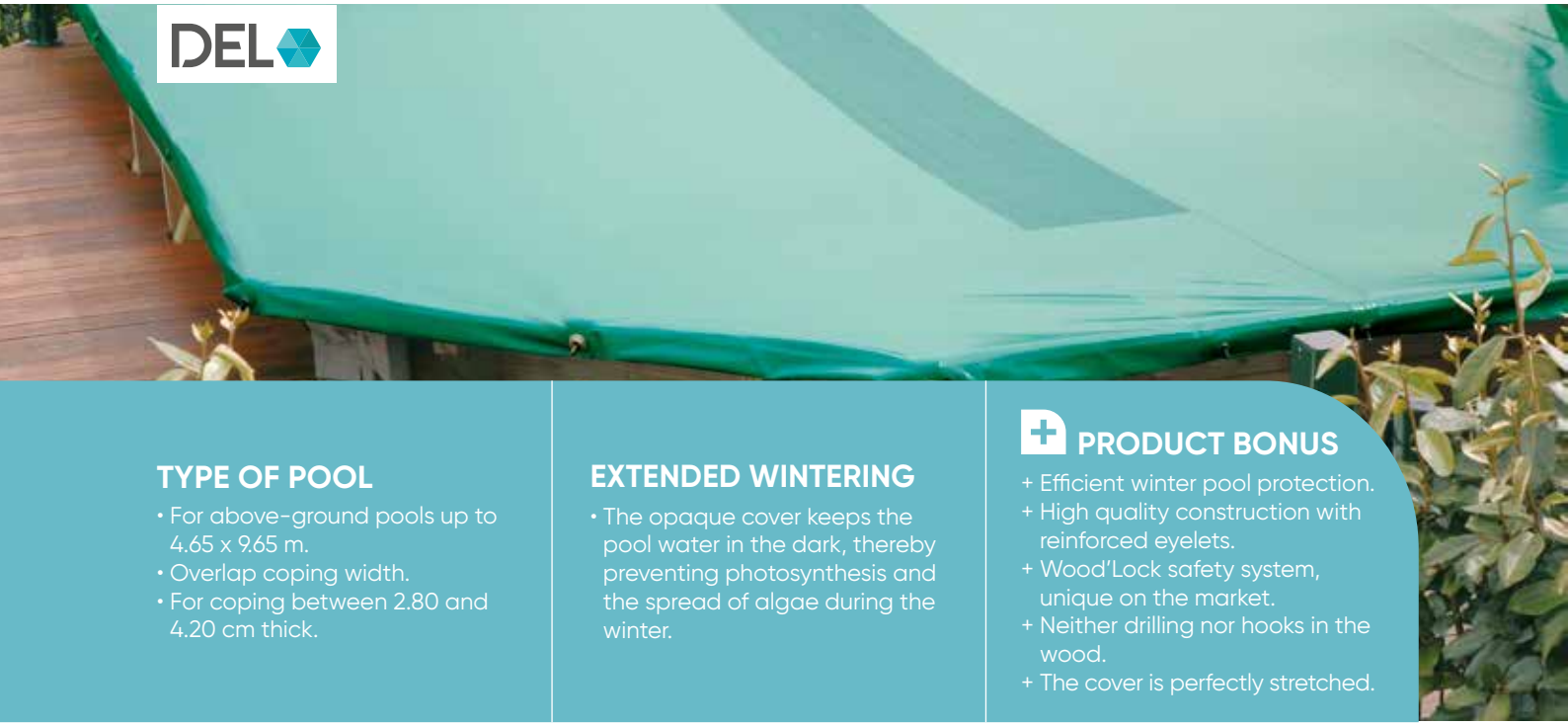
SUPPORT WIRES
- Support wires are highly recommended in regions where snowfall is regularly heavy. Indeed, the weight of snow on the covers may cause irreversible damage to your installation (in the absence of support wires, it will be advisable to remove snow regularly to prevent it from accumulating).
- How to calculate the number of support wires?
  The number of cables is determined according to the length of the pool (round up to the nearest whole number): (Length of pool / 3) -1. Example for a 7.00 x 12.50 m pool: number of support wires = (12.5/3) - 1 = 3.16 or 4 wires.

OPAQUE WINTER COVERS

LAKE ABOVE-GROUND

Top-quality cover for perfectly clean water in above-ground pools

MADE IN FRANCE · CF TRUST PRODUCT · SYSTEM PATENTED · 3 years WARRANTY (FULL WARRANTY) · NF P NORM 90-308 (SAFETY)



TYPE OF POOL

- For above-ground pools up to 4.65 x 9.65 m.
- Overlap coping width.
- For coping between 2.80 and 4.20 cm thick.

EXTENDED WINTERING

- The opaque cover keeps the pool water in the dark, thereby preventing photosynthesis and the spread of algae during the winter.

PRODUCT BONUS

+ Efficient winter pool protection.
+ High quality construction with reinforced eyelets.
+ Wood'Lock safety system, unique on the market.
+ Neither drilling nor hooks in the wood.
+ The cover is perfectly stretched.

- 580 g/m² non deformable material: UV and fungicide treatment.
- High frequency cover welding and hot air hem welding for a stronger cover.
- PVC coated 340 g/m² polyester drainage mesh to filter rainwater and winter debris.
- 316 L stainless steel grip eyelets on PVC protection make resistance to tension stronger and provide safer and more reliable attachment over time.
- The Wood'Lock safety system clips onto the coping and the traction rod on the top slides into each of the cover eyelets.
- Serial number identification for traceability and production process tracking.



Reinforced eyelet



Wood'Lock



Handle



Cut-out

COMPLIANT

DESCRIPTION	PRICE € EXCL. VAT
All cover shapes	**33.60 €/m²**
Step unit	**250.15 €**
Cut-out	**91.70 €**

The price given per m² includes the Wood'Lock safety system.

SCAN FOR QUICK CALCULATION

COLOURS

BRIGHT COLOURS

Beige · Almond · Green · Blue · Grey · Dark grey

The cover underside is beige.

MATT COLOUR

Light grey

The cover underside is grey.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



> Tension option

Double Wood'Lock grip



+ 24.10 € excl. VAT/corner

DON'T FORGET

All the detail of the technical specifications on p. 454.

DEL



A SOLUTION
FOR EACH TYPE OF POOL

DISCOVER OUR LARGE RANGE OF

WINTER COVERS

THAT RESPONDS TO ALL USES, ALL CUSTOMERS
AND ALL TYPES OF POOLS

COMPLIANT COVERS
NF P 90-308
FRENCH SAFETY STANDARD



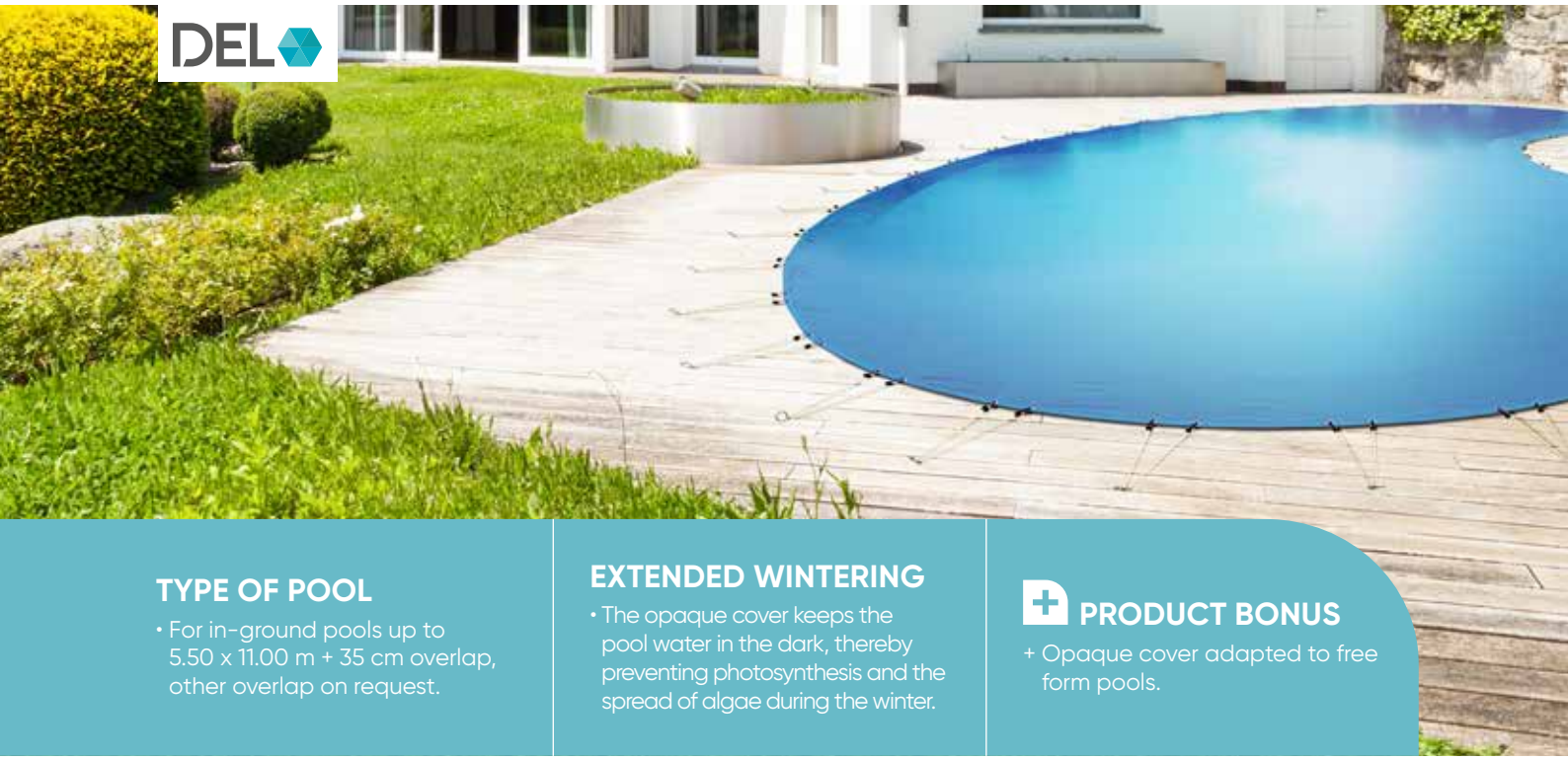
STORAGE BAG FOR WINTER COVERS
(AS AN OPTION)

a brand by **CF group**

OPAQUE WINTER COVERS
COVEA

The cover provides protection and safety for your pool during winter

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY (FULL WARRANTY) · NF P NORM 90-308 (SAFETY)



TYPE OF POOL

- For in-ground pools up to 5.50 x 11.00 m + 35 cm overlap, other overlap on request.

EXTENDED WINTERING

- The opaque cover keeps the pool water in the dark, thereby preventing photosynthesis and the spread of algae during the winter.

PRODUCT BONUS

+ Opaque cover adapted to free form pools.

- 580 g/m² coated fabric, stainless steel eyelets.
- Stitched seam around the entire border, with double eyelets (spaced 15 cm apart) approximately every metre.
- Rainwater drainage holes equipped with a flap. These ensure an efficient drainage and an aesthetic cover (holes hidden by the flap).
- Serial number identification for traceability and production process tracking (Covea safety cover).

SHAPE	COMPLIANT COVEA SAFETY**	COVEA "NON-SAFETY"
Rectangular cover*	**19.85 €/m²**	**18.40 €/m²**
Geometrical cover*	**21.35 €/m²**	**20.15 €/m²**
Special shape cover*	**23.30 €/m²**	**22.20 €/m²**
Step unit fixed price (roman, straight or trapezoid)	**250.15 €**	
Cut-out fixed price	**-**	**91.70 €**
Central drainage mesh	**1.90€/m²**	

The price given per m² includes standard anchor and tension (price € excl. VAT).

** If the cover is < 25 m², +20% surcharge.*
*** French norm NF P90-308*

SCAN FOR QUICK CALCULATION

COLOURS

BRIGHT COLOURS



The cover underside is beige.

MATT COLOUR



The cover underside is grey.

FITTINGS

STANDARD:

▶ FOR THE COVEA SAFETY MODEL:
- the standard anchor is the O anchor.
- the standard tension is the sandowclic.

▶ FOR THE COVEA "NON-SAFETY" MODEL:
- the standard anchor is the P anchor.
- the standard tension is the continuous elastic strap.


O anchor


Bungee-clic


P anchor


Continuous elastic strap

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



OPAQUE WINTER COVERS
COVEA

OPTIONS:

▶ FOR THE COVEA SAFETY MODEL:

> Anchor options

P evolution anchor	Telescopic anchor for concrete coping - aluminium	Telescopic anchor for wooden coping (stainless steel / aluminium anchor)
		
+ 0.60 €/m²	**+ 2.40 €/m²**	**+ 7.10 €/m²**

Price € excl. VAT.

▶ FOR THE COVEA "NON-SAFETY" MODEL:

> Anchor options

Lawn anchor - stainless steel	Telescopic anchor for concrete coping - aluminium	Telescopic anchor - brass	Telescopic anchor for wooden coping (stainless steel / aluminium anchor)
			
+ 1.45 €/m²	**+ 2.40 €/m²**	**+ 5.75 €/m²**	**+ 7.10 €/m²**

Price € excl. VAT.

> Tension options

2-end elastic strap



+ 0.60 €/m²

Price € excl. VAT.

ACCESSORIES:

N°	DESCRIPTION	REF.	EACH (PRICE IN € EXCL. VAT)
1	Fastening handle	**P-KPOI01101**	**38.85**
2	Protective foam corner	**P-KANG02100**	**11.35**
3	Support wires for concrete coping	**P-ARSA05201**	**133.70**
4	Support wires for wooden coping	**P-ARSA05200**	**133.70**
5	Storage bag*	**P-CECS20300**	**64.85**

** For cover up to 90 m².*



1



2



3 - 4



5

INFO

SUPPORT WIRES

- Support wires are highly recommended in regions where snowfall is regularly heavy. Indeed, the weight of snow on the covers may cause irreversible damage to your installation (in the absence of support wires, it will be advisable to remove snow regularly to prevent it from accumulating).
- How to calculate the number of support wires?
  The number of cables is determined according to the length of the pool (round up to the nearest whole number): (Length of pool/3) -1.
  Example for a 7.00 x 12.50 m pool: number of support wires = (12.5/3) - 1 = 3.16 or 4 wires.

OPAQUE WINTER COVERS

COVEA ABOVE-GROUND

The cover provides protection and safety for your above-ground pool during winter

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY (FULL WARRANTY) · NF P NORM 90-308 (SAFETY)

DEL



TYPE OF POOL

- Compliant* cover for above-ground pools up to 5.00 x 9.00 m.
- Non compliant cover for 5.00 x 10.00 m above-ground pools maximum.
- Overlap: coping width.

PRODUCT BONUS

+ Good value for money.
+ Quick to install.
+ Limits the appearance of algae and protects from leaves and dirt.
+ Reduces water evaporation.

- 580 g/m² PVC coated with UV treatment.
- Eyelets every 80 cm.
- Rainwater drainage holes equipped with a flap. These ensure an efficient drainage and an aesthetic cover (holes hidden by the flap).
- Serial number identification for traceability and production process tracking (Covea above-ground safety cover).

DESCRIPTION	COMPLIANT COVEA ABOVE-GROUND SAFETY*	COVEA ABOVE-GROUND "NON-SAFETY"
All cover shapes	**20.55 €/m²**	**19.20 €/m²**
Step unit	**250.15 €**	
Cut-out	**91.70 €**	
Central drainage mesh	**1.90€/m²**	

The price given per m² includes standard anchor and tension (price € excl. VAT).

** French norm NF P90-308*

SCAN FOR QUICK CALCULATION

COLOURS

BRIGHT COLOURS

Beige · Almond · Green · Blue · Grey · Dark grey

The cover underside is beige.

MATT COLOUR

Light grey

The cover underside is grey.

FITTINGS

STANDARD:

▶ FOR THE COVEA ABOVE-GROUND SAFETY MODEL:

- the standard anchor is the plastic hook.
- the standard tension is the bungee-clic.



Plastic hook



Bungee-clic

OPTIONS:

> Anchor option

Stainless steel hook



+ 1.00 €/m²

▶ FOR THE COVEA ABOVE-GROUND "NON-SAFETY" MODEL:

- the standard anchor is the stop hook.
- the standard tension is the continuous elastic strap.



Stop hook



Continuous elastic strap

OPTIONS:

> Anchor option

Plastic hook	Stainless steel hook*
	
+ 0.45 €/m²	**+ 1.00 €/m²**

** For above-ground pools of a minimum height of 40 cm.*

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INFO

To guarantee compliance with the standard, the pool height must be more than 55 cm.

OPAQUE WINTER COVERS

COVEA PRIMA

A standard cover to preserve water during winter

MADE IN FRANCE

CF TRUST PRODUCT

2 years WARRANTY

DEGRESSIVE

DEL



TYPE OF POOL

• For in-ground pools up to 12.00 x 25.00 m.

PRODUCT BONUS

+ Opaque cover for water protection.
+ Taut cover for a more attractive appearance.

• 180 g/m² blue polyethylene, UV treatment, seam around the entire border.
• Drainage holes.
• Double eyelets every metre (for in-ground model) and eyelets every 80 cm (for above-ground model).

DESCRIPTION	IN-GROUND	ABOVE-GROUND
In-ground model		
Rectangular cover*	**10.90 €/m²**	**-**
Geometrical cover*	**12.15 €/m²**	**-**
Special shape cover*	**13.75 €/m²**	**-**
Above-ground model		
All pool shape	**-**	**10.25 €/m²**
All models		
Step unit all (roman, straight or trapezoid)	**191.00 €**	
Cut-out all	**91.70 €**	

The price given per m² includes standard anchor and tension (price € excl. VAT).

** If the cover is < 25 m², +20% surcharge.*

SCAN FOR QUICK CALCULATION

COLOUR

Blue

DOWNLOAD AND SHARE THE MARKETING MATERIALS!

FITTINGS

STANDARD FOR IN-GROUND MODEL

• the standard anchor is the P anchor.
• the standard tension is the continuous elastic strap.



Piton P



Sandow continu

STANDARD FOR ABOVE-GROUND MODEL

• the standard anchor is the plastic wall hook.
• the standard tension is the continuous elastic strap.



Crochet muret plastique



Sandow continu

OPTIONS FOR IN-GROUND MODEL:

> Anchor option:

Lawn anchor - stainless steel



+ 1.45 €/m²

> Tension option:

2-end elastic strap



+ 0.60 €/ m²

OPTION FOR ABOVE-GROUND MODEL:

> Anchor option:

Stainless steel wall hook



+ 1.00 €/m²

ACCESSORIES:



DESCRIPTION	REF.	PRICE € EXCL.VAT
Support wires for concrete coping	**P-ARSA05201**	**133.70**
Support wires for wood coping	**P-ARSA05200**	**133.70**

Price € excl. VAT.

DEBRIS WINTER COVERS

SUPERGREEN

A robust cover that stands up to all tests

MADE IN FRANCE | CF TRUST PRODUCT | 3 years WARRANTY FULL WARRANTY | NF P NORM 90-308 SAFETY



TYPE OF POOL

- **Standard compliant* cover:** for pools up to 6.00 x 13.00 m.
- **Non-compliant cover:** for pools up to 12.50 x 25.00 m (mandatory supporting wires for widths from 6.00 m).
- Standard 35 cm overlap, other overlap on request.

PRODUCT BONUS

+ Fine mesh allows rainwater to drain away from the surface.
+ Excellent opacity of the cover.
+ High-strength webbing in a grid pattern, giving the cover great stability.

AN EXCEPTIONALLY STRONG COVER

Supergreen is an exceptionally strong cover over time due to its material that has excellent tear-resistant properties.
Its manufacture also gives it very good durability: high-strength straps sewn 3-needle under the cover and PVC protection against abrasion on the coping under each strap.

- Polyethylene 235 g/m² mesh stabilised against solar UVs, perfectly aesthetic and durable, excellent tear-resistance (weave 2 100 N/5 cm and weft 2 300 N/5 cm).
- Very fine and tight weave (89% opacity) to limit photosynthesis.
- 3-stitch straps sewn under the cover.
- PVC protection under each strap.
- Surrounding strap and grid on the lengths and widths (maximum spacing 1 m for safety covers).
- Serial number identification for traceability and production process monitoring (for the Supergreen Safety cover).

COLOUR



Green

DESCRIPTION	COMPLIANT SUPERGREEN SAFETY*	SUPERGREEN "NON-SAFETY"
Rectangular cover**	**35.15 €/m²**	**31.15 €/m²**
Geometrical cover**	**38.25 €/m²**	**34.25 €/m²**
Step unit fixed price (roman, straight or trapezoid)	**250.15 €**	
Cut-out fixed price	**91.70 €**	

The price given per m² includes standard anchor and tension (price € excl. VAT).

** French norm NF P90-308.*
*** If the cover is < 20 m², +20% surcharge.*

SCAN FOR QUICK CALCULATION

FITTINGS

STANDARD:

▶ FOR THE SUPERGREEN SAFETY MODEL:

- the standard anchor is the P Evolution anchor.
- the standard tension is the stainless steel safety spring.



P Evolution anchor



Stainless steel safety spring

▶ FOR THE SUPERGREEN "NON-SAFETY" MODEL:

- the standard anchor is the P anchor.
- the standard tension is the stainless steel spring.



P anchor



Stainless steel spring

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



DEBRIS WINTER COVERS
SUPERGREEN

OPTIONS:

▶ FOR THE SUPERGREEN SAFETY MODEL:
> Anchor options:

Telescopic anchor for concrete coping - aluminium	Telescopic anchor for wooden coping (stainless steel / aluminium anchor)
	
+ 2.40 €/m²	**+ 7.10 €/m²**

Price € excl. VAT.

▶ FOR THE SUPERGREEN "NON-SAFETY" MODEL:
> Anchor options:

Lawn anchor - stainless steel	Telescopic anchor for concrete coping - aluminium	Telescopic anchor - brass	Telescopic anchor for wooden coping (stainless steel / aluminium anchor)
			
+ 1.45 €/m²	**+ 2.40 €/m²**	**+ 5.75 €/m²**	**+ 7.10 €/m²**

Price € excl. VAT.

ACCESSORIES:

N°	DESCRIPTION	REF.	EACH (PRICE IN € EXCL. VAT)
1	Support wires for concrete coping*	**P-ARSA05201**	**133.70**
2	Support wires for wooden coping*	**P-ARSA05200**	**133.70**
3	Storage bag**	**P-CECS20300**	**64.85**

** Mandatory for widths over 6.00 m.*
*** For cover up to 90 m².*



1 - 2



3

INFO

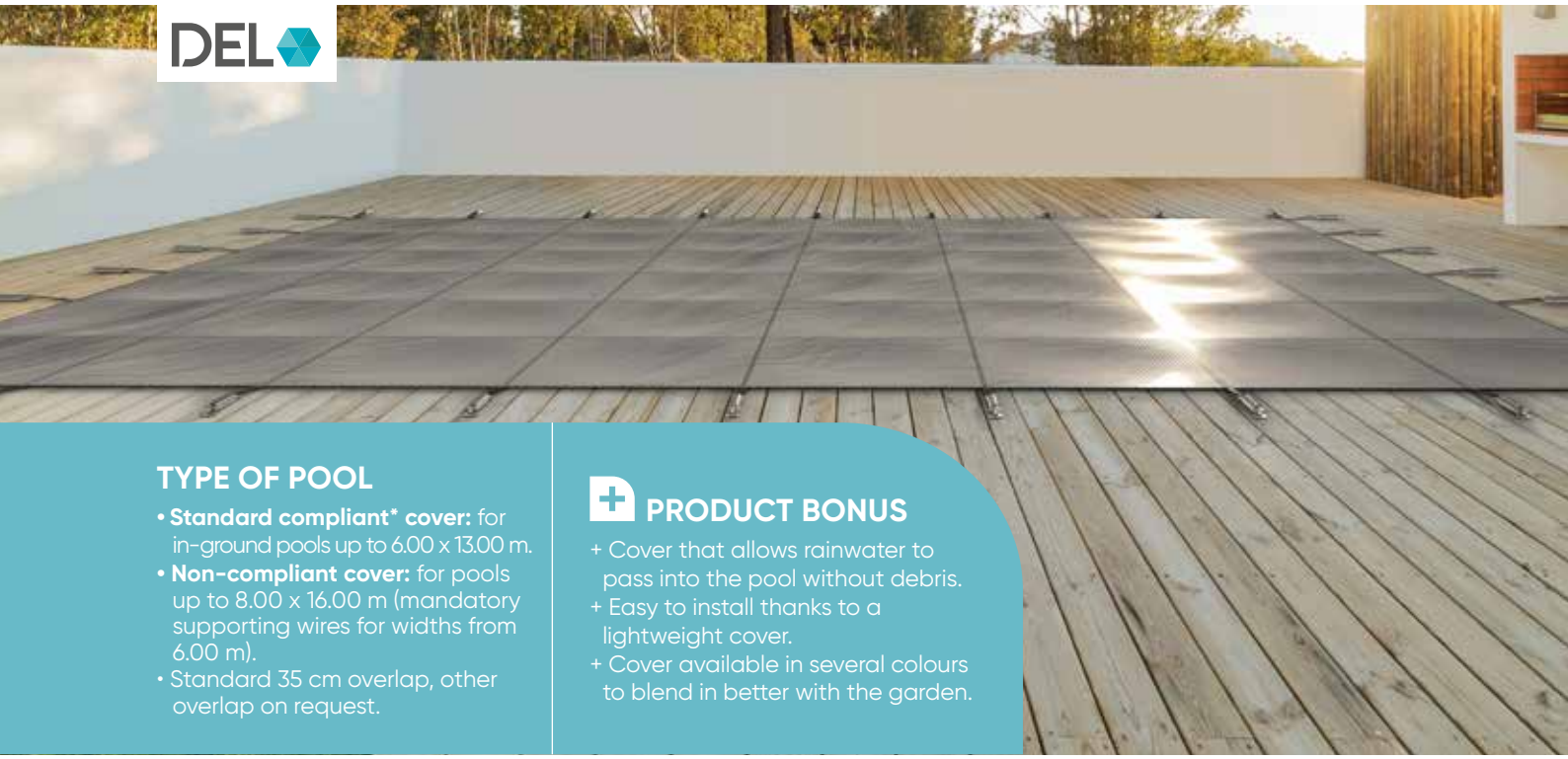
SUPPORT WIRES
- Mandatory for widths over 6.00 m.
- Support wires are highly recommended in regions where snowfall is regularly heavy. Indeed, the weight of snow on the covers may cause irreversible damage to your installation (in the absence of support wires, it will be advisable to remove snow regularly to prevent it from accumulating).
- How to calculate the number of support wires?
  The number of cables is determined according to the length of the pool (round up to the nearest whole number): (Length of pool / 3) -1.
  Example for a 7.00 x 12.50 m pool: number of support wires = (12.5/3) - 1 = 3.16 or 4 wires.

DEBRIS WINTER COVERS

INITIAL

The lightweight winter cover

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY FULL WARRANTY · NF P NORM 90-308 SAFETY



TYPE OF POOL

- **Standard compliant* cover:** for in-ground pools up to 6.00 x 13.00 m.
- **Non-compliant cover:** for pools up to 8.00 x 16.00 m (mandatory supporting wires for widths from 6.00 m).
- Standard 35 cm overlap, other overlap on request.

PRODUCT BONUS

+ Cover that allows rainwater to pass into the pool without debris.
+ Easy to install thanks to a lightweight cover.
+ Cover available in several colours to blend in better with the garden.

A STRONG AND AESTHETIC COVER

Initial is a solid cover that resists the elements thanks to its fine and tight weave. The flatness of a mesh cover by a maximum stretched fit is an additional aesthetic advantage: it is easy to re-stretch when necessary.

- Polypropylene 150 g/m² mesh, UV treated, perfect and long-lasting aesthetics, good stretch resistance.
- Very fine and tight weave.
- Straps sewn under the cover to support the mesh cover.
- PVC protection under each strap.
- Surrounding strap and grid on the lengths and widths (maximum spacing 1 m for safety covers).
- Support wires are mandatory for cover widths from 6.00 m.
- Serial number identification for traceability and production process monitoring (for an Initial safety cover).

COLOURS



Beige · Blue · Grey · Green

COMPLIANT

DESCRIPTION	INITIAL SAFETY*	INITIAL "NON-SAFETY"
Rectangular cover**	**34.50 € / m²**	**30.50 € / m²**
Geometrical cover**	**37.10 € / m²**	**33.05 € / m²**
Step unit fixed price (roman, straight or trapezoid)	**250.15 €**	
Cut-out fixed price	**91.70 €**	

The price given per m² includes standard anchor and tension (price € excl. VAT).

** French norm NF P90-308.*
*** If the cover is < 20 m², 20% surcharge.*

SCAN FOR QUICK CALCULATION

FITTINGS

STANDARD:

▶ FOR THE INITIAL SAFETY MODEL:

- the standard anchor is the O anchor.
- the standard tension is the stainless steel safety spring.



O anchor



Stainless steel safety spring

▶ FOR THE INITIAL "NON-SAFETY" MODEL:

- the standard anchor is the P anchor.
- the standard tension is the continuous elastic strap.



P anchor



Continuous elastic strap

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



DEBRIS WINTER COVERS
INITIAL

OPTIONS:

▶ FOR THE INITIAL SAFETY MODEL:
> Anchor options:

Telescopic anchor for concrete coping - aluminium	Telescopic anchor for wooden coping (stainless steel / aluminium anchor)
	
+ 2.40 € / m²	**+ 7.10 € / m²**

Price € excl. VAT.

▶ FOR THE INITIAL "NON-SAFETY" MODEL:
> Anchor options:

Lawn anchor - stainless steel	Aluminium telescopic anchor for concrete coping	Brass telescopic anchor	Telescopic anchor for wooden coping (stainless steel / aluminium anchor)
			
+ 1.45 € / m²	**+ 2.40 € / m²**	**+ 5.75 € / m²**	**+ 7.10 € / m²**

Price € excl. VAT.

> Tension option:

Stainless steel spring

+ 3.45 € / m²

Price € excl. VAT.

ACCESSORIES:

N°	DESCRIPTION	REF.	EACH (PRICE IN € EXCL. VAT)
1	Support wires for concrete coping*	**P-ARSA05201**	**133.45**
2	Support wires for wooden coping*	**P-ARSA05200**	**133.45**
3	Storage bag**	**P-CECS20300**	**64.85**

** Mandatory for widths over 6.00 m.*
*** For cover up to 90 m².*



1 - 2



3

INFO

SUPPORT WIRES
- Mandatory for widths over 6.00 m.
- Support wires are highly recommended in regions where snowfall is regularly heavy. Indeed, the weight of snow on the covers may cause irreversible damage to your installation (in the absence of support wires, it will be advisable to remove snow regularly to prevent it from accumulating).
- How to calculate the number of support wires?
  The number of cables is determined according to the length of the pool (round up to the nearest whole number): (Length of pool / 3) -1.
  Example for a 7.00 x 12.50 m pool: number of support wires = (12.5/3) - 1 = 3.16 or 4 wires.

DEBRIS WINTER COVERS

INITIAL ABOVE-GROUND

The lightweight winter cover

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY · FULL WARRANTY

DEL



PRODUCT BONUS

+ Good value for money.

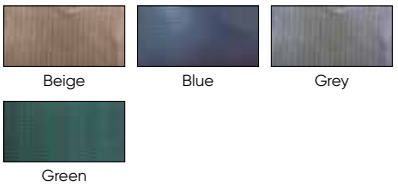
- Polypropylene 150 g/m² mesh: UV treated, perfect and long-lasting aesthetics and good stretch resistance.
- Very fine and tight weave.

DESCRIPTION	PRICE € EXCL. VAT
All cover shapes	**26.50 € / m²**
Cut-out	**91.70 €**

The price given per m² includes standard anchor and tension.

SCAN FOR QUICK CALCULATION

COLOURS



Beige · Blue · Grey · Green

FITTINGS

STANDARD:

FOR THE INITIAL ABOVE-GROUND MODEL:
- the standard anchor is the plastic wall hook,
- the standard tension is the continuous elastic strap.



Plastic wall hook



Continuous elastic strap

OPTIONS:

> Anchor options:

Stainless steel wall hook	Stop hook
	
+ 1.00 € / m²	

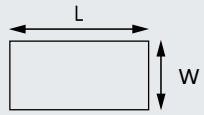
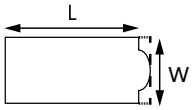
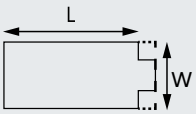
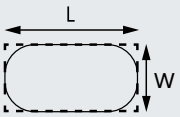
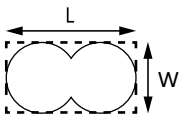
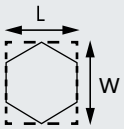
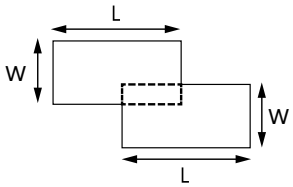
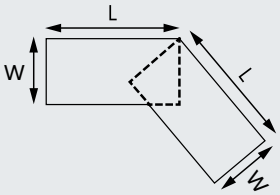
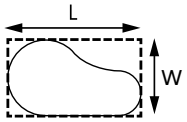
Price € excl. VAT.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



WINTER COVERS

HOW TO CALCULATE M²?

COVER SHAPE	PRICING	CALCULATION METHOD FOR WINTER COVERS (BY DEFAULT, 35 CM OVERLAP ON ALL SIDES)
	Rectangular shape price	Length + (2 x 35 cm) x Width + (2 x 35 cm)
	Rectangular shape + roman stair price	Length + (2 x 35 cm) x Width + (2 x 35 cm) + step unit fixed price
	Rectangular shape + square stair price	Length + (2 x 35 cm) x Width + (2 x 35 cm) + step unit fixed price
	Geometrical shape price	Diameter + (2 x 35 cm) x Diameter + (2 x 35 cm)
	Geometrical shape price	Length + (2 x 35 cm) x Width + (2 x 35 cm)
	Geometrical shape price	Length + (2 x 35 cm) x Width + (2 x 35 cm)
	Geometrical shape price	Length + (2 x 35 cm) x Width + (2 x 35 cm)
	Geometrical shape price	Length + (2 x 35 cm) x Width + (2 x 35 cm) + Length + (2 x 35 cm) x Width + (2 x 35 cm)
	Geometrical shape price	Length + (2 x 35 cm) x Width + (2 x 35 cm)+ Length + (2 x 35 cm) x Width + (2 x 35 cm)
	Free form shape price	Length + (2 x 35 cm) x Width + (2 x 35 cm)

INFO

- For winter covers with corners bigger than 30 cm, use a geometrical shape price.
- Measurements must be taken accurately for the cover to be manufactured.

- For Ivernea Plus and Ivernea shifts, use the calculation method above without adding the 35 cm overlap per side (take the pool dimensions excluding the cover pit).

PROTECTIVE SHIFT

IVERNEA PLUS

The 4 seasons shift protects your slatted cover

MADE IN FRANCE · CF TRUST PRODUCT · 2 years WARRANTY · FULL WARRANTY



TYPE OF POOL

• For pools up to 10.00 m x 20.00 m.

PRODUCT BONUS

+ Reflective material to prevent the water from overheating.
+ All the advantages of the Ivernea cover.

COMPATIBLE WITH SEVERAL TYPES OF SLATS

Ivernea Plus is compatible with opaque PVC slats 69 mm, and polycarbonate solar slats, opaque PVC slats 84 mm as well as our new opaque polycarbonate slats with no risk of the slats warping (not compatible with solar PVC slats).

TECHNICAL CHARACTERISTICS

• Opaque 260 g/m² polyethylene material.
• Surrounding mesh used to filter rainwater and trap leaves and dirt.
• Bungee-clips delivered with the shift.
• In very hot weather, leave the filtration system running, these are attached on the slats, so there is no need to drikk holes on the bench of the pool.

NOTA BENE

• The Ivernea Plus protective shift can be used all year round.
• The surrounding mesh is sized according to water level mentionned in order form: classic water level (> 6 cm) or higher (< 6 cm).
For overflow pools and water level at less than 3 cm, Ivernea Plus may not be adapted.

COLOURS

White (top side) · Aluminium (downside)

White peripheral grid

DESCRIPTION	UNIT	PRICE € EXCL. VAT
Rectangular cover*	Per m²	**29.45**
Shape cover	Per m²	**33.80**
Step unit (roman, straight or trapezoid)	Fixed price	**266.20**
Cut-out	Fixed price	**91.70**
Additional bungee-clips	Each	**7.10**
Extra cost for additional anchor for windy regions (every metre)	Per m²	**3.30**

** If the cover is < 20 m², 20% surcharge.*

SCAN FOR QUICK CALCULATION

INFO

QUICK *to install*
• Ivernea Plus is quick to install thanks to the bungee-clips that fit directly onto the slatted cover.
• No fittings to the copings required.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



WINTER SHIFT

IVERNEA

The wintering of your slats with ease

MADE IN FRANCE

CF TRUST PRODUCT

2 years WARRANTY

FULL WARRANTY



Bungee-clips

TYPE OF POOL

- For pools up to 10.00 m x 20.00 m.

PRODUCT BONUS

+ Improves the lifespan of clean blades.
+ Protects water quality in autumn and winter.
+ No damage to the bench of the pool.
+ Adapted to all automatic slatted covers.

COMPATIBLE WITH SEVERAL TYPES OF SLATS

The Ivernea winter shift is compatible with opaque PVC slats 69 mm, polycarbonate solar slats, opaque PVC slats 84 mm as well as our new opaque polycarbonate slats with no risk of the slats warping (not compatible with solar PVC slats).

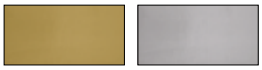
TECHNICAL CHARACTERISTICS

- Opaque 260 g/m² polyethylene material.
- Surrounding mesh used to filter rainwater and trap leaves and dirt.
- Bungee-clips delivered with the shift, these are attached on the slats, so there is no need to drikk holes on the bench of the pool.

NOTA BENE

- **The Ivernea winter shift should only be used in autumn and winter.**
- **The surrounding mesh is sized according to water level mentionned in order form: classic water level (> 6 cm) or higher (< 6 cm). For overflow pools and water level at less than 3 cm, Ivernea may not be adapted.**

COLOURS



Beige | Light grey

The underside cover colour is not the same as the top cover colour.

DESCRIPTION	UNIT	PRICE € EXCL. VAT
Rectangular cover*	Per m²	**25.80**
Shape cover	Per m²	**29.65**
Step unit (roman, straight or trapezoid)	Fixed price	**266.20**
Cut-out	Fixed price	**91.70**
Additional bungee-clips	Each	**7.10**
Extra cost for additional anchor for windy regions (every meter)	Per m²	**3.30**

** If the cover is < 20 m², 20% surcharge.*

SCAN FOR QUICK CALCULATION

INFO

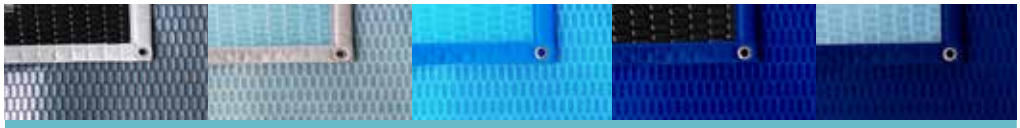
QUICK *to install*

- Ivernea can be fitted in a few minutes thanks to the bungee-clips that fit directly onto the slatted cover.
- No fittings to the copings required.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



OUR RANGE OF BUBBLE COVERS

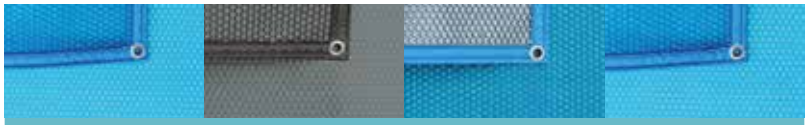


	ALVEOTHERM TECHNOLOGY				
	DARK	CLEAR	SUNDOWN	MIDNIGHT	EXTRA
	DEL	DEL	DEL	DEL	DEL
TECHNOLOGY					
	Alveotherm	Alveotherm	Alveotherm	Alveotherm	Alveotherm
COLOURS					
Top	Clear blue	Clear blue	Blue	Dark blue	Dark blue
Underside	Black	Clear blue	Blue	Black	Clear blue
TECHNICAL SPECIFICATIONS					
PE films thickness (µm)	550	550	400	400	400
Weight (g/m²)	510	510	370	370	550
Reinforcement frame	✗	✗	✗	✗	✓
Maximum dimension (in m)	8.00 x 16.00	8.00 x 16.00	7.00 x 14.00	7.00 x 14.00	10.00 x 25.00
FINISH ET ACCESSORIES					
Edge bordered	Welded All around	Welded All around	Welded All around	Welded All around	Welded All around
Eyelets	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel
Protective sunscreen	✓	✓	✓	✓	✓
BENEFITS OF USE					
Antiphotosynthesys opacity → treatment saving	++++	+	++	++++	++++
Transparency → night ligthing effect	-	++++	++	-	-
Solar heating	+++	++++	++++	+++	+++
Insulation	++++	++++	++++	++++	++++
Strength	+++	+++	++	++	++++
SERVICE					
Speedy bubble cover*	✓	✓	✗	✗	✗
PACKAGING					
	Box	Box	Box	Box	Box
WARRANTIES					
	6 years WARRANTY DEGRESSIVE	6 years WARRANTY DEGRESSIVE	4 years WARRANTY DEGRESSIVE	4 years WARRANTY DEGRESSIVE	4 years WARRANTY DEGRESSIVE

* Speedy Bubble Cover: high speed service only available for Alveolar cover DEL 550 Dark and Clear (not available with Sundown, Midnight, Extra and Round bubble). See p. 511.

OUR RANGE OF

BUBBLE / FOAM COVERS



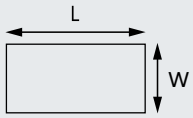
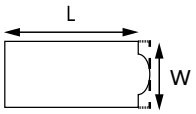
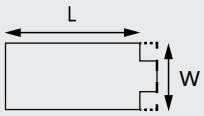
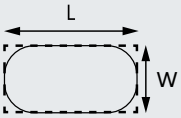
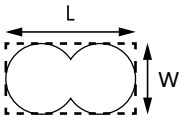
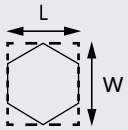
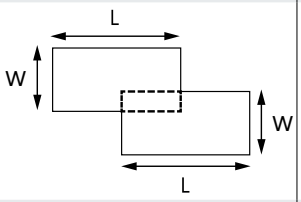
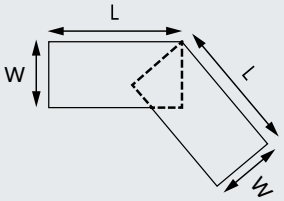
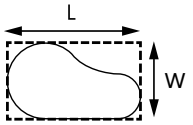


	ROUND BUBBLE COVER				FOAM
	BLUE BLUE - 500	OPAQUE GREY	SILVER BLUE	BLUE BLUE - 400	ISODEL
	DEL	DEL	DEL	DEL	DEL
TECHNOLOGY					
	Round bubble	Round bubble	Round bubble	Round bubble	Foam
COLOURS					
Top	Blue	Grey	Blue	Blue	Blue
Underside	Blue	Grey	silver	Blue	
TECHNICAL SPECIFICATIONS					
PE films thickness (µm)	500	500	500	400	6 mm 8 mm
Weight (g/m²)	460	460	460	370	500 560
Reinforcement frame	✗	✗	✗	✗	✓
Maximum dimension (in m)	7.00 x 14.00	7.00 x 14.00	7.00 x 14.00	7.00 x 14.00	contact us
FINISH ET ACCESSORIES					
Edge bordered	Double stitched • all around • 2 widths • non bordered	Double stitched • all around • 2 widths • non bordered	Double stitched • all around • 2 widths • non bordered	Double stitched • all around • 2 widths • non bordered	✗ ✗
Eyelets	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Brass
Protective sunscreen	✓ (except non bordered version)	✓ (except non bordered version)	✓ (except non bordered version)	✓ (except non bordered version)	✗
BENEFITS OF USE					
Antiphotosynthesys opacity → treatment saving	++	++++	+++	++	++++
Transparency → night ligthing effect	++	-	-	++	-
Solar heating	++++	+++	+++	++++	-
Insulation	+++	+++	+++	++	++++
Strength	+	+	+	+	++++
SERVICE					
Speedy bubble cover*	✗	✗	✗	✗	-
PACKAGING					
	Bag	Bag	Bag	Bag	-
WARRANTIES					
	3 years WARRANTY DEGRESSIVE	3 years WARRANTY DEGRESSIVE	3 years WARRANTY DEGRESSIVE	2 years WARRANTY DEGRESSIVE	2 years WARRANTY DEGRESSIVE

* Speedy Bubble Cover: high speed service only available for Alveolar cover DEL 550 Dark and Clear (not available with Sundown, Midnight, Extra and Round bubble). See p. 511.

BUBBLE COVERS

HOW DO YOU CALCULATE M²?

COVER SHAPE	PRICING	CALCULATION METHOD FOR BUBBLE COVERS
	Rectangular shape price	Length x width
	Rectangular shape + roman step unit price	Length x width + step unit fixed price
	Rectangular shape + square step unit price	Length x width + step unit fixed price
	Geometrical shape price	Diameter x Diameter
	Geometrical shape price	Length x width
	Geometrical shape price	Length x width
	Geometrical shape price	Length x width
	Geometrical shape price	Length x width + Length x width
	Geometrical shape price	Length x width + Length x width
	Free form shape price	Length x width

INFO

- For bubble covers with corners bigger than 60 cm, use a geometrical shape price.
- For asymmetrical covers (or with stairs), please specify the width of the eyelets when ordering.
- Measurements must be taken accurately for the cover to be manufactured.
  No templates will be accepted for the manufacture of your cover.



EN 17645 STANDARD*

BUBBLE ET FOAM COVERS

Some covers can have a considerable influence on the efficiency of a pool's environmental performance. Depending on their characteristics, they can modify the thermal performance of a pool:

- by helping to insulate the pool
- limiting heat loss through evaporation
- by transferring solar rays to the water.

These three characteristics are grouped together under one indicator: the Natural Thermal Balance of the cover.

Energy Reduction Coefficient

Compare the Natural Thermal Balance of the product to the Natural Thermal Balance of the uncovered pool

Natural Thermal Balance

Energy balance gains + losses through:

- Solar radiation
- Evaporation of water
- Heat transfer

Power supply

Power in active mode

Evaporation Reduction Coefficient

Pool coverage rate

Power supply

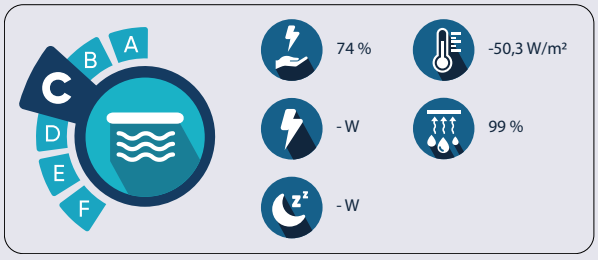
Power in stand-by mode

Renewable energy

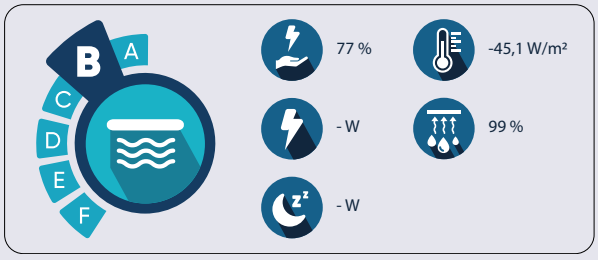
Pictogram specific to equipment with autonomous and on renewable energy supply

EXAMPLES OF LABELS FOR OUR PRODUCTS

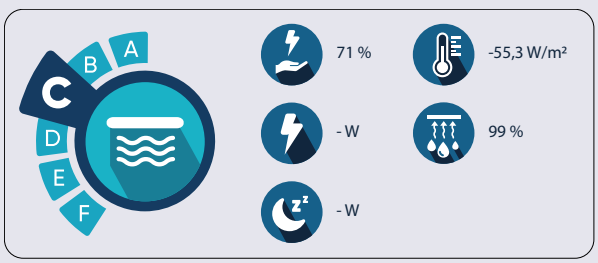
- Alveolar cover DEL 550 Clear



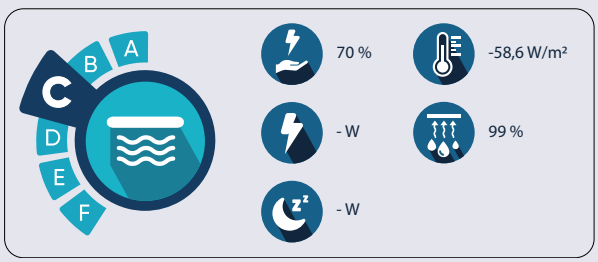
- Isodel 8 mm



- Alveolar cover DEL 550 Dark



- Isodel 6 mm

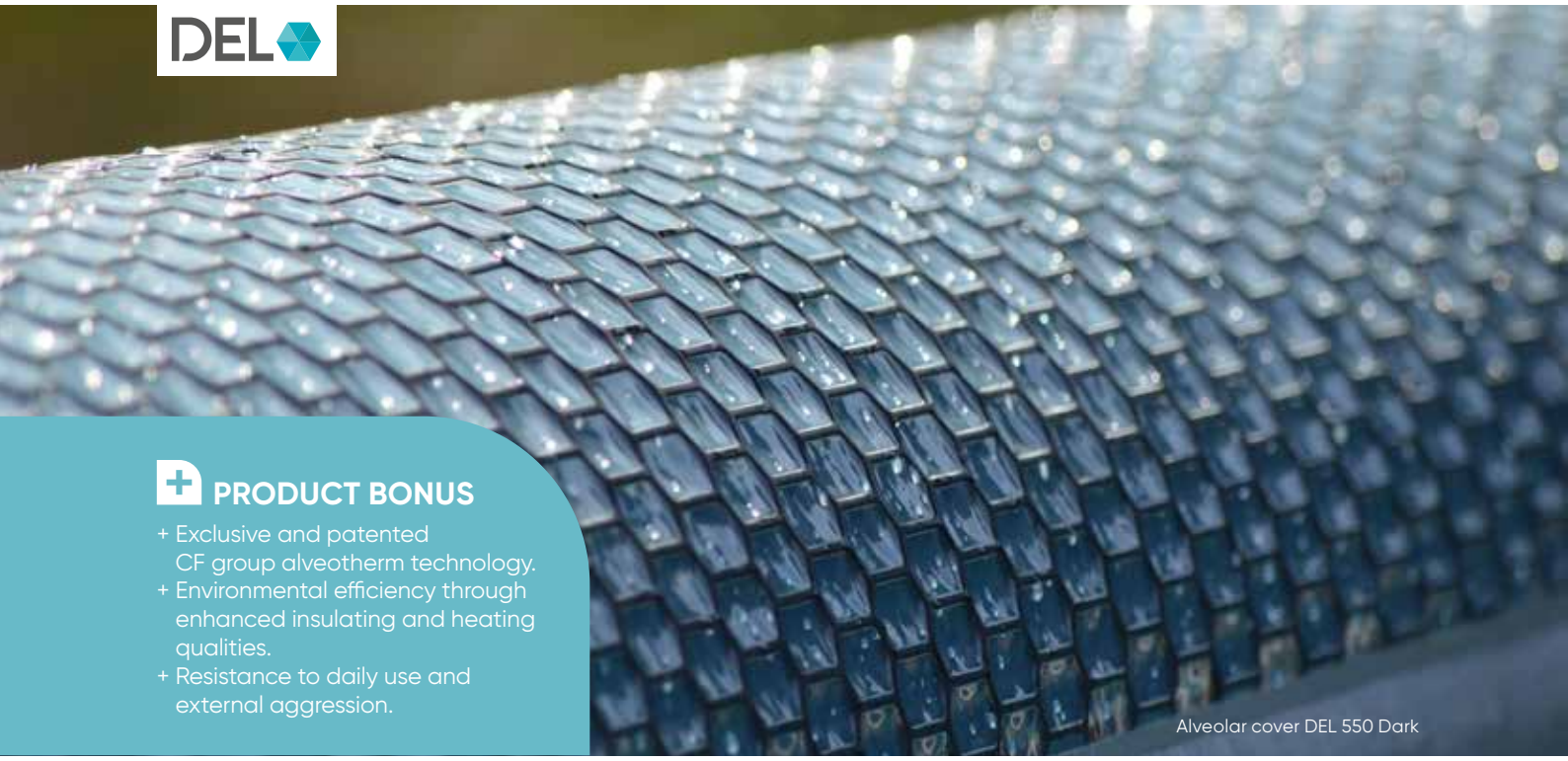


** The EN 17645 standard evaluates the efficiency of the environmental performance of domestic swimming pools and their equipment. The standard applies to permanently installed outdoor domestic swimming pools.*

BUBBLE COVERS

ALVEOTHERM TECHNOLOGY

The bubble cover with an exceptional thermal performance and unique design



Alveolar cover DEL 550 Dark

PRODUCT BONUS

+ Exclusive and patented CF group alveotherm technology.
+ Environmental efficiency through enhanced insulating and heating qualities.
+ Resistance to daily use and external aggression.

- DEL Alveolar covers use patented Alveotherm technology, a 100% CF group R&D innovation.
- The exclusive design of its bubbles gives pools a unique and innovative look, while offering the lowest thermal bridge area for maximum insulation capacity. Thermal bridge areas are reduced by 19% compared to Geobubble reference bubbles and by 39% compared to conventional round bubbles, resulting in 7% higher insulation performance than Geobubble.
- Alveolar covers also allow the water to be heated for free thanks to their ability to transmit around 80% of solar radiation to the water (detailed data available on page 398).
- The custom-made design allows the surface of the water to be perfectly covered to block evaporation and thus save 90% of the losses that occur on an uncovered pool (i.e. more than 3 m^3 per month on a 4x8 m pool uncovered for 2 hours per day).
- With a cover fitted to the pool, the water is also better protected from debris and other pollution, reducing the consumption of treatment products and filtration time.
- The shape of the bubbles limits the refinement of the thickness of the material, which gives Alveolar products greater durability against the degradation and pelletisation of the cells. The significant thickness of the PE films and the edges also contribute to a more durable product and a high perceived quality.
- The wide range of options allows adaptation to all pools and all expectations.



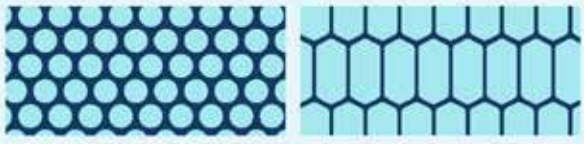
Water side

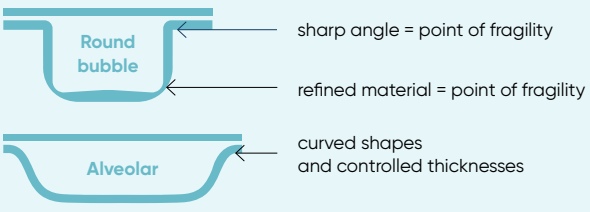


Air side

INFO

Improved thermal insulation
by 39% reduction of thermal bridges





PRO HINT

- It is imperative to install the cover with the bubble side on the water.
- Use a reel system for easier use.
- It is imperative to protect the cover with an opaque protective sunscreen (when stored on a reel system) to protect it from UVs.
- Remove the cover in case of shock treatments and wait for the disinfectant level to drop before positioning it back.
- Do not swim under or jump on the cover.
- Lower the production of automatic disinfection appliances when possible.

BUBBLE COVERS

DEL ALVEOLAR COVER 550 µm

Bubble covers with exceptional thermal performance and a unique design

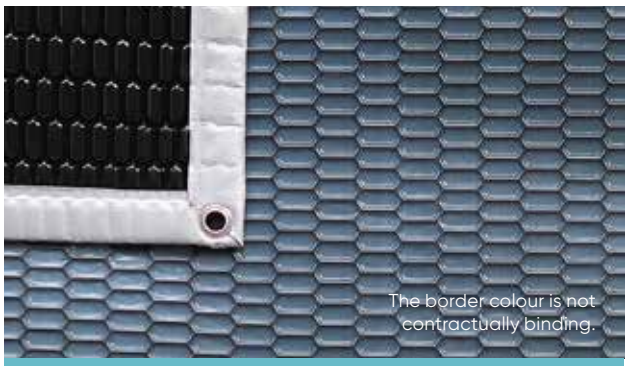
TECHNOLOGY PATENTED

CF TRUST PRODUCT

6 years WARRANTY DEGRESSIVE

DEL

DARK



PRODUCT BONUS

+ Alveolar technology.
+ Limits the growth of algae.
+ Reduces water and energy consumption by reducing evaporation.
+ Facilitates the maintenance of the pool and reduces the use of chemical products.

- 550-micron polyethylene opaque finish - anti-UV film antioxidant to prevent chlorine degradation of the polyethylene.
- Colours: - air side: ice blue
  - water side: black
- Fully bordered with a welding process.
- Maximum size: 8.00 x 16.00 m.
- Weight: 510 g/m².

CLEAR



PRODUCT BONUS

+ Alveolar technology.
+ Heats the pool's water.
+ Reduces water and energy consumption by reducing evaporation.
+ High level of thermal insulation.

- 550-micron polyethylene translucent finish - anti-UV film antioxidant to prevent chlorine degradation of the polyethylene.
- Colours: - air side: ice blue
  - water side: ice blue
- Fully bordered with a welding process.
- Maximum size: 8.00 x 16.00 m.
- Weight: 510 g/m².

DESCRIPTION		PRICE € EXCL. VAT
Rectangular shape*	Per m²	**18.15**
Geometrical shape*	Per m²	**21.95**
Free-form shape*	Per m²	**25.32**
Step unit	Fixed price	**133.00**
Ladder cut-out	Fixed price	**61.00**
Pull bar sheath (bar not included)	Fixed price	**167.00**
Strap option for smooth tube reel systems	Per m (width pool)	**39.00**
Extra eyelets	Unit	**2.53**
Pre-foild	Fixed price	**15.00**

** Minimum 10 m² invoiced. The cover is delivered with a protective sunscreen and with eyelets.*

For covers larger than 6.00 x 12.00 m, we strongly recommend fitting them with a sheath for a pull bar.

SCAN FOR QUICK CALCULATION

DON'T FORGET

SPEEDY Bubble

Urgent order?

Your bubble cover is manufactured within 3 days* thanks to our high speed service.

* The high speed production lead time of D+3, D+4 or D+5 applies depending on the period defined in the table. See p. 511.

INFO



Alveotherm technology reinforced insulation

PRO HINT

- It is imperative to install the cover with the bubble side on the water.
- Use a reel system for easier use.
- It is imperative to protect the cover with an opaque protective sunscreen (when stored on a reel system) to protect it from UVs.
- Remove the cover in case of shock treatments and wait for the disinfectant level to drop before positioning it back.
- Do not swim under or jump on the cover.
- Lower the production of automatic disinfection appliances when possible.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



BUBBLE COVERS

DEL ALVEOLAR COVER 400 µm

Bubble covers renowned for their superior thermal insulation

CF TRUST PRODUCT

TECHNOLOGY PATENTED

4 years WARRANTY DEGRESSIVE

DEL

SCAN FOR QUICK CALCULATION

SUNDOWN



The border colour is not contractually binding – non-contractual photo.

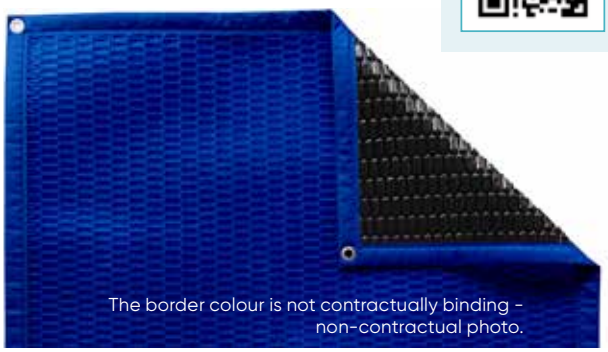
- Alveotherm technology.
- Excellent value for money.
- 400-micron polyethylene film.
- Colours: - air side: blue
  - water side: blue
- UV and antioxidant treatment to avoid all deterioration of the polyethylene by the chlorine.
- Fully bordered with a welding process.
- Weight: 370 g/m².

DESCRIPTION		PRICE € EXCL. VAT
Rectangular shape*	Per m²	**14.25**
Geometrical shape*	Per m²	**17.35**
Free-form shape*	Per m²	**20.35**
Step unit	Fixed price	**105.95**
Ladder cut-out	Fixed price	**61.00**
Sheath for pull bar (bar not included)	Fixed price	**167.00**
Strap option for smooth tube reel systems	Per m (width pool)	**39.00**
Extra eyelets	Unit	**2.53**
Pre-foild	Fixed price	**15.00**

** Minimum 10 m² invoiced. The cover is delivered with a protective sunscreen.*

For covers larger than 6.00 x 12.00 m, we strongly recommend fitting them with a sheath for a pull bar.

MIDNIGHT



The border colour is not contractually binding – non-contractual photo.

- Alveotherm technology.
- Limits the growth of algae, saves on treatment products, reduces energy consumption by more than 50%.
- 400-micron polyethylene film.
- Colours: - air side: dark blue
  - water side: black
- UV and antioxidant treatment to avoid all deterioration of the polyethylene by the chlorine.
- Fully bordered with a welding process.
- Weight: 370 g/m².

DESCRIPTION		PRICE € EXCL. VAT
Rectangular shape*	Per m²	**15.95**
Geometrical shape*	Per m²	**18.90**
Free-form shape*	Per m²	**21.90**
Step unit	Fixed price	**114.95**
Ladder cut-out	Fixed price	**61.00**
Sheath for pull bar (bar not included)	Fixed price	**167.00**
Strap option for smooth tube reel systems	Per m (width pool)	**39.00**
Extra eyelets	Unit	**2.53**
Pre-foild	Fixed price	**15.00**

** Minimum 10 m² invoiced. The cover is delivered with a protective sunscreen.*

For covers larger than 6.00 x 12.00 m, we strongly recommend fitting them with a sheath for a pull bar.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



PRO HINT

- It is imperative to install the cover with the bubble side on the water.
- Use a reel system for easier use.
- It is imperative to protect the cover with an opaque protective sunscreen (when stored on a reel system) to protect it from UVs.
- Remove the cover in case of shock treatments and wait for the disinfectant level to drop before positioning it back.
- Do not swim under or jump on the cover.
- Lower the production of automatic disinfection appliances when possible.

INFO



Alveotherm technology reinforced insulation

BUBBLE COVERS

DEL ALVEOLAR COVER 400+ µm EXTRA

Bubble covers of recognised quality with good thermal insulation

CF TRUST PRODUCT · TECHNOLOGY PATENTED · COMMUNITY POOLS · 4 years WARRANTY DEGRESSIVE

DEL

PRODUCT BONUS

- Alveotherm technology.
- Woven sheet.
- Reduces over 98% of water evaporation.



The border colour is not contractually binding - non-contractual photo.

- Ideal for large pools up to 25.00 m.
- 400 microns polyethylene film reinforced by a woven 180 sheet stabilised for UVs.
- Colours: - air side: dark blue
  - water side: clear blue
- Antioxidant treatment to avoid all deterioration of the polyethylene by chlorine.
- The rigidity facilitates rolling and unrolling.
- Reduces the use of chemicals by 30%.
- Reduces energy consumption by over 70%.
- Fully bordered with a welding process.
- Shear and tear resistant.
- Corner reinforcements for covers > 6.00 x 13.00 m.
- Weight: 550 g/m².

DESCRIPTION		PRICE € EXCL. VAT
Rectangular shape*	Per m²	**31.45**
Ladder cut-out option	Fixed price	**231.70**
Step Unit	Fixed price	**70.00**
Pull bar sheath (bar not included)	Fixed price	**167.00**
Strap option for smoo-th tube reel systems	Per m (width pool)	**39.00**
Extra eyelets	Unit	**2.53**

** Minimum 10 m² invoiced. The cover is delivered with a protective sunscreen.*

SCAN FOR QUICK CALCULATION

For an Alveolar Extrasun cover larger than 6.00 x 12.00 m, it is strongly recommended that it be equipped with a sheat for a pull bar.

INFO

An Extrasun cover larger than 4.50 x 14.00 m is delivered rolled and needs to be chartered.

PRO HINT

When purchasing an Alveolar Extra bubble cover, don't hesitate to use a reel system with a smooth tube (see page 247).

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



PRO HINT

- It is imperative to install the cover with the bubble side on the water.
- Use a reel system for easier use.
- It is imperative to protect the cover with an opaque protective sunscreen (when stored on a reel system) to protect it from UVs.
- Remove the cover in case of shock treatments and wait for the disinfectant level to drop before positioning it back.
- Do not swim under or jump on the cover.
- Lower the production of automatic disinfection appliances when possible.

INFO



Alveotherm technology reinforced insulation

BUBBLE COVERS

DEL ROUND COVER 500 µm

500-micron bubble covers for improved durability

CF TRUST PRODUCT

3 years WARRANTY

DEGRESSIVE

DEL

BLUE BLUE



- 500-micron blue polyethylene film.
- High wear and tear resistance.
- Sewing process when edged.
- UV treatment.
- Weight: 460 g/m².

DESCRIPTION	UNIT	PRICE € EXCL. VAT	PRICE € EXCL. VAT	PRICE € EXCL. VAT
Rectangular shape*	Per m²	**13.10**	**15.30**	**16.25**
Geometrical shape*	Per m²	**14.05**	**15.95**	**17.35**
Free-form shape*	Per m²	**15.30**	**-**	**18.75**
Step unit	Fixed price	**80.60**	**-**	**96.50**
Ladder cut-out	Fixed price	**50.50**	**50.50**	**50.50**

** Minimum 10 m² invoiced. Covers fully bordered and bordered on 2 widths are delivered with a protective sunscreen and eyelets.*

OPAQUE GREY



- 500-micron grey polyethylene film.
- High wear and tear resistance.
- Sewing process when edged.
- UV treatment.
- Weight: 460 g/m².

DESCRIPTION	UNIT	PRICE € EXCL. VAT	PRICE € EXCL. VAT	PRICE € EXCL. VAT
Rectangular shape*	Per m²	**14.05**	**16.05**	**17.35**
Geometrical shape*	Per m²	**14.80**	**16.80**	**18.10**
Free-form shape*	Per m²	**16.05**	**-**	**19.90**
Step unit	Fixed price	**84.80**	**-**	**101.65**
Ladder cut-out	Fixed price	**50.50**	**50.50**	**50.50**

** Minimum 10 m² invoiced. Covers fully bordered and bordered on 2 widths are delivered with a protective sunscreen.*

SILVER BLUE

SCAN FOR QUICK CALCULATION



- Higher heat yield to gain more degrees, better opacity to save even more treatment product.
- 500-micron blue/silver polyethylene film.
- Sewing process when edged.
- Antioxidant treatment to avoid all deterioration of the polyethylene by sunlight.
- Weight: 460 g/m².

DESCRIPTION	UNIT	PRICE € EXCL. VAT	PRICE € EXCL. VAT	PRICE € EXCL. VAT
Rectangular shape*	Per m²	**14.05**	**16.05**	**17.35**
Geometrical shape*	Per m²	**14.80**	**16.80**	**18.10**
Free-form shape*	Per m²	**16.05**	**-**	**19.90**
Step unit	Fixed price	**84.80**	**-**	**101.65**
Ladder cut-out	Fixed price	**50.50**	**50.50**	**50.50**

** Minimum 10 m² invoiced. Covers fully bordered and bordered on 2 widths are delivered with a protective sunscreen and eyelets.*

ACCESSORIES PRICES

DESCRIPTION	UNIT	REF.	PRICE € EXCL. VAT
Protective sunscreen - 1 m wide - white/silver	Per m	**P-TSTE22601.C81**	**15.60**
Elastic strap for protective sunscreen - white	Each	**A-ARST09001**	**4.30**
Plastic eyelets	Each	**A-TSAC10000**	**0.85**
1.50 m - Ø 6 mm elastic strap - 1 loop - 1 cabiclic	Each	**A-ARST02000**	**5.40**

PRO HINT

- It is imperative to install the cover with the bubble side on the water.
- Use a reel system for easier use.
- It is imperative to protect the cover with an opaque sunscreen (when stored on a reel system) to protect it from UVs.
- Remove the cover in case of shock treatments and wait for the disinfectant level to drop before positioning it back.
- Do not swim under or jump on the cover.
- Lower the production of automatic disinfection appliances when possible.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



BUBBLE COVERS

DEL ROUND COVER 400 µm BLUE BLUE

400-micron bubble cover at the best price

CF TRUST PRODUCT

2 years WARRANTY

DEGRESSIVE



PRODUCT BONUS

+ Excellent value for money.
+ Increases water temperature.
+ Protects pool from evaporation.

- 400-micron blue UV polyethylene film.
- Antioxidant treatment to avoid all deterioration of the polyethylene by sunlight.
- Sewing process when edged.
- Weight: 368 g/m².

DESCRIPTION	UNIT	PRICE € EXCL. VAT	PRICE € EXCL. VAT	PRICE € EXCL. VAT
Rectangular shape*	Per m²	**10.35**	**12.55**	**13.60**
Geometrical shape*	Per m²	**10.85**	**13.25**	**14.35**
Step unit	Fixed price	**67.95**	**-**	**81.55**
Ladder cut-out	Fixed price	**49.55**	**49.55**	**49.55**

** Minimum 10 m² invoiced. Covers fully bordered and bordered on 2 widths are delivered with a protective sunscreen and eyelets.*

SCAN FOR QUICK CALCULATION

ACCESSORIES PRICES

DESCRIPTION	UNIT	REF.	PRICE € EXCL. VAT
Protective sunscreen - 1 m wide - white/silver	Per m	**P-TSTE22601.C81**	**15.60**
Elastic strap for protective sunscreen - white	Each	**A-ARST09001**	**4.30**
Plastic eyelets	Each	**A-TSAC10000**	**0.85**
1.50 m - Ø 6 mm elastic strap - 1 loop - 1 cabiclic	Each	**A-ARST02000**	**5.40**

PRO HINT

- It is imperative to install the cover with the bubble side on the water.
- Use a reel system for easier use.
- It is imperative to protect the cover with an opaque protective sunscreen (when stored on a reel system) to protect it from UVs.
- Remove the cover in case of shock treatments and wait for the disinfectant level to drop before positioning it back.
- Do not swim under or jump on the cover.
- Lower the production of automatic disinfection appliances when possible.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



BUBBLE COVERS

JUMBO ROLLS

The immediate bubble selling solution



PRODUCT BONUS

+ Offer the best of CF bubble range with an immediate selling solution.
+ Sell as linear length cut off: immediate availablilty, no need of precise measurements.
+ 2 assembly process for 2 quality results.

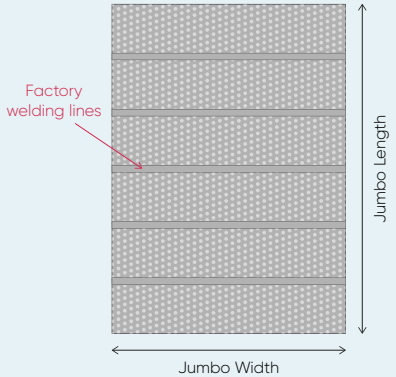
- Available on Alveolar and Round bubbles, from 300 µm up to 550 µm.
- Wide possibilities of roll width: from 2 m up to 6 m.
  Depends on version, ask us for any specific need even out of range.
- 50 m length rolls.
- Rolled on carton mandrel.

2 different production process for an offer including 2 solutions:

- **Jumbo Welded on Width (WoW):**
  - With welding lines placed on width.
  - Delivered at exact width.
  - With surface 100% bubbled.
- **Jumbo Welded on Length (WoL):**
  - With welding lines placed on length.
  - Delivered with an extra width of a few centimeters.
  - Premium version offers the visual benefit of welding lines centered or symetrical.

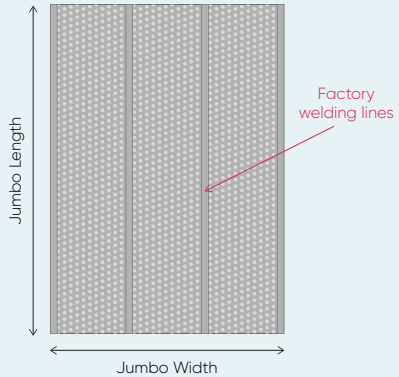
You can choose between two manufacturing processes for your Jumbo rolls orders:

WELDED ASSEMBLY LINES PLACED ON WIDTH:
welding lines are placed on the **Width of the Jumbo.**



Note: It gives an exact size and 100% bubbled.

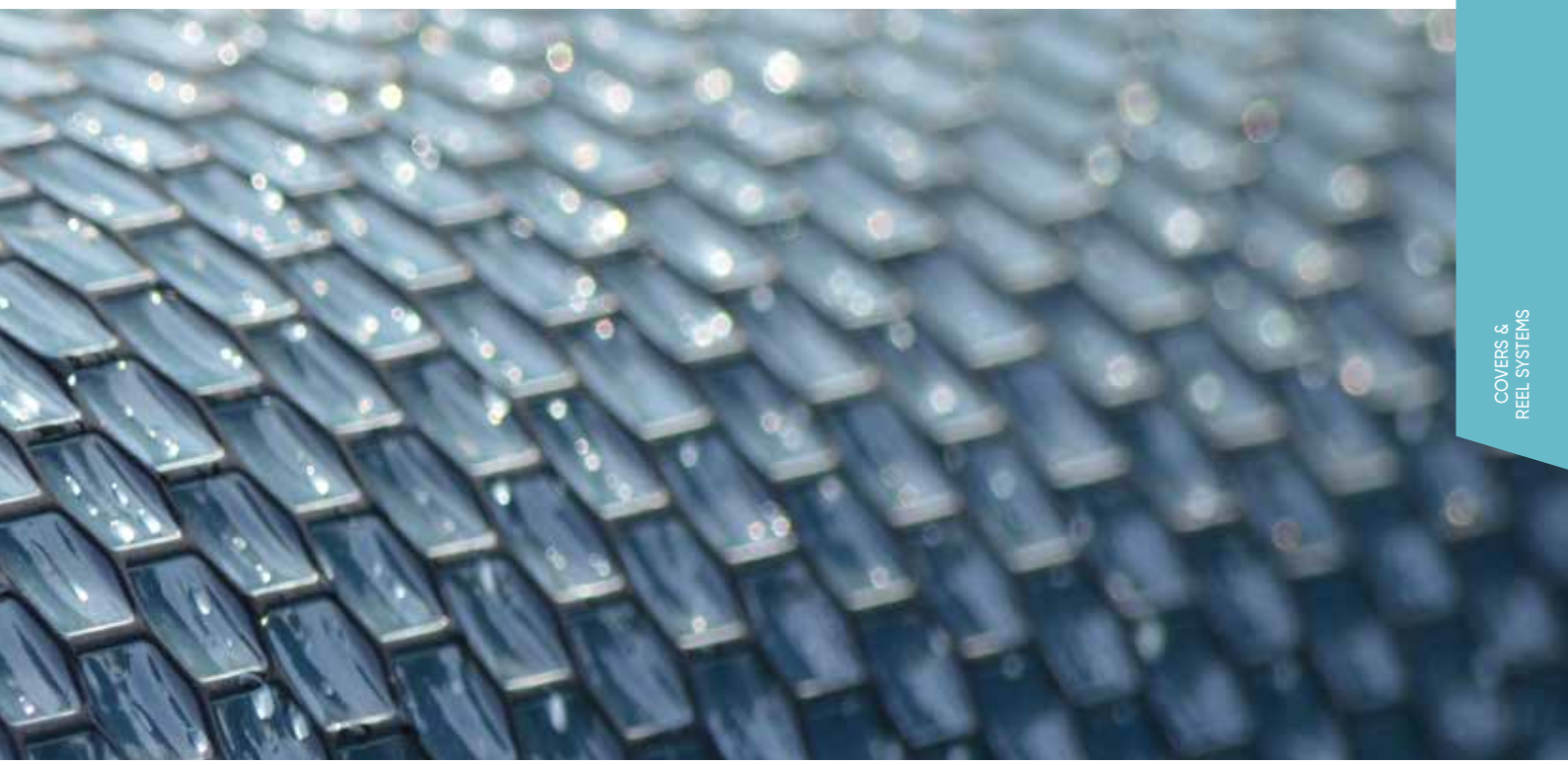
WELDED ASSEMBLY LINES PLACED ON LENGTH:
welding lines are placed on the **Length of the Jumbo.**



Note: It gives an extra width and flat strips.

CF TRUST PRODUCT

6 years WARRANTY	4 years WARRANTY	4 years WARRANTY	3 years WARRANTY	2 years WARRANTY
DEGRESSIVE ALVEOLAR - 550	DEGRESSIVE ALVEOLAR - 500	DEGRESSIVE ALVEOLAR - 400	DEGRESSIVE ROUND - 500	DEGRESSIVE ROUND - 400/300



MAIN REFERENCES TABLE FROM THE STANDARD AVAILABLE REFERENCES

WELDING TYPE	BUBBLE SHAPE	THICKNESS (µm)	COLOUR (top / underside)	JUMBO WIDTH (M)					
				2.00	2.50	3.00	4.00	5.00	6.00
WoL	Round	300	Blue / blue	**570.00**	**661.05**	**855.00**	**1 140.00**	**1 425.00**	**1 710.00**
WoL	Round	400	Blue / blue	**633.35**	**791.65**	**1 045.00**	**1 393.35**	**1 741.65**	**2 090.00**
WoL	Round	400	Translucent blue	**801.00**	**1 001.45**	**1 201.75**	**1 602.35**	**2 002.90**	**2 403.50**
WoL	Round	500	Blue / blue	-	-	**1 282.50**	**1 710.00**	**2 137.50**	**2 565.00**
WoL	Round	500	Translucent blue	-	-	**1 477.25**	**1 969.65**	**2 462.10**	**2 954.50**
WoL Premium	Round	400	Blue / blue	**823.35**	**1 027.15**	**1 646.65**	**1 646.65**	**2 058.35**	**2 470.00**
WoL Premium	Round	400	Translucent blue	**947.00**	**1 183.55**	**1 893.65**	**1 893.65**	**2 367.10**	**2 840.50**
WoL Premium	Round	500	Blue / blue	-	-	-	**1 710.00**	**2 137.50**	**2 565.00**
WoL Premium	Round	500	Translucent blue	-	-	**2 343.35**	**2 343.35**	**2 929.15**	**3 515.00**
WoW	Alveolar	400	Translucent blue	-	-	**1 489.15**	**1 985.50**	**2 481.90**	**2 978.25**
WoW	Alveolar	400	Blue / black	-	-	**1 653.00**	**2 204.00**	**2 204.00**	**3 306.00**
WoL	Alveolar	500	Translucent / black	-	-	-	**2 387.65**	**2 984.60**	-
WoL	Alveolar	500	Clear blue / clear blue*	-	-	**1 790.75**	**2 984.60**	**2 984.60**	-
WoL	Alveolar	550	Clear blue / black	-	-	**1 828.75**	**2 438.35**	**3 047.90**	-
WoL	Alveolar	550	Clear blue / clear blue	-	-	**1 828.75**	**2 438.35**	**3 047.90**	-
WoW	Alveolar	550	Clear blue / black	-	-	**1 916.63**	**2 555.50**	**3 194.40**	**3 833.25**
WoW	Alveolar	550	Clear blue / clear blue	-	-	**1 916.63**	**2 555.50**	**3 194.40**	**3 833.25**

Price € excl. VAT.
** Not available for (re)sales on French market.*

All the detailed characteristics and minimum order quantities: available in the full list of existing standard references, listing available on request.

- Warranty and performance of custom-made bubble cover are applicable to Jumbo rolls.
- Bubble covers made of Jumbo rolls have to be protected from sun light when stored on a roller.

DON'T FORGET

Bubble covers made of Jumbo rolls may need a reel system, see page 243.



DOWNLOAD AND SHARE THE MARKETING MATERIALS!



SCAN FOR QUICK CALCULATION

FOAM COVERS

ISODEL LUXE

Ideal for very large commercial pools

ISODEL 8 MM · ISODEL 6 MM · MADE IN FRANCE · 30°c MAX · COMMERCIAL POOLS · 2 years WARRANTY · FULL WARRANTY



TYPE OF POOL

• For pools > 100 m² and pools for which Isodel is used every day.

PRODUCT BONUS

+ Maintains water temperature.
+ Limits evaporation.
+ Reduces overuse of the dehumidifier (indoor pools).
+ Available in 6 mm and 8 mm.

Luxe finish

- Blue foam insulating covers with closed floating foam.
- Isodel 6 mm: 500 g/m² - Isodel 8 mm: 560 g/m².
- Temperature stability in normal conditions of use: 28 °C.
- Use above 30 °C reduces its service life.
- Production: assembly with a 4 cm reinforced polyethylene fabric reinforcement on the borders and on each piece on the underside of the cover.

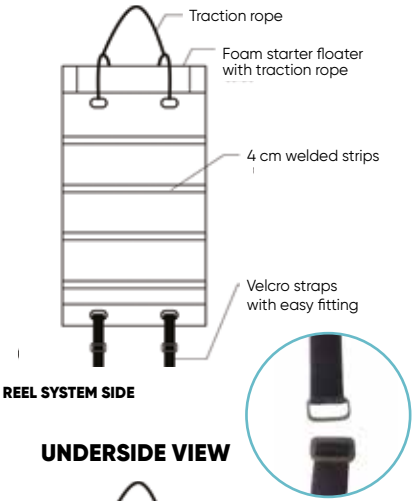
- **Luxe finish production:**
  - Reel system side: oval eyelets - 2.00 m or 2.50 m straps (depending on the cover size) with velcro and welded reinforcements every metre, pull bar.
  - Opposite side: start foam float with traction rope.

ISODEL LUXE PRICES

		UNIT	LUXE 6 MM	LUXE 8 MM
Rectangular	< 35 m²	Per m²	**72.55**	**79.65**
	< 100 m²	Per m²	**65.90**	**72.60**
	> 100 m²	Per m²	**60.30**	**66.70**
Geometrical	< 35 m²	Per m²	**75.80**	**86.15**
	< 100 m²	Per m²	**68.80**	**78.75**
	> 100 m²	Per m²	**63.15**	**72.15**
Free shape			**Contact us**	
Step unit		Fixed price	**297.85**	**297.85**
Cut-out		Fixed price	**73.45**	**73.45**

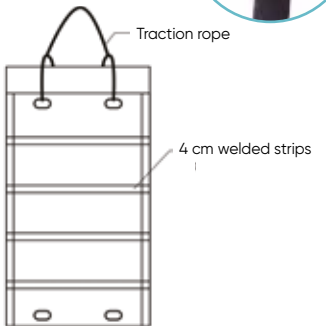
Price € excl. VAT.

TOP VIEW



REEL SYSTEM SIDE

UNDERSIDE VIEW



REEL SYSTEM SIDE

INFO

If more than 4.50 m wide and/or 14.00 m long, the transport will be by charter.

PRO HINT

Isodel foam covers are not recommended if you are using ozone treatments.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



FOAM COVERS

ISODEL ECO

Ideal for commercial pools

ISODEL 8 MM | ISODEL 6 MM | MADE IN FRANCE | 30°c MAX | COMMERCIAL POOLS | 2 years WARRANTY | FULL WARRANTY



TYPE OF POOL

• For pools < 100 m².

PRODUCT BONUS

+ Maintains water temperature.
+ Limits evaporation.
+ Reduces overuse of the dehumidifier (indoor pools).
+ Available in 6 mm and 8 mm.



ECO finish

- Blue foam insulating covers with closed floating insulating cells.
- Isodel 6 mm: 500 g/m² - Isodel 8 mm: 560 g/m².
- Temperature stability in normal conditions of use: 28 °C.
- Use above 30 °C reduces its lifespan.
- Production: assembly with a 4 cm reinforced polyethylene fabric reinforcement on the borders and on each piece on the underside of the cover.

- **ECO finish production:**
  - Reel system side: brass 16 mm eyelets every 50 cm on one width.
  - Opposite side: brass 16 mm eyelet in each corner.

ISODEL ECO PRICES

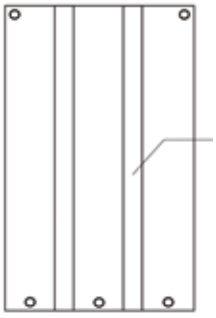
		UNIT	ECO 6 MM	ECO 8 MM
Rectangular	< 35 m²	Per m²	**41.80**	**57.10**
	< 100 m²	Per m²	**38.95**	**52.75**
Geometrical	< 35 m²	Per m²	**44.55**	**59.35**
	< 100 m²	Per m²	**41.10**	**55.10**
Free shape			**Contact us**	
Step unit		Fixed price	**297.85**	**297.85**
Cut-out		Fixed price	**73.45**	**73.45**
Sheath for Isodel pull bar (bar not included)		Each	**36.70**	**36.70**

Price € excl. VAT.

ACCESSORIES PRICES

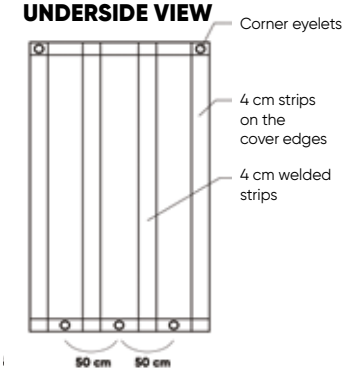
DESCRIPTION	UNIT	REF.	PRICE € EXCL. VAT
1.50 m strap (for eco finish)	Each	**W-ARSA04401**	**13.10**
Hook	Each	**A-ARAC09000**	**23.30**
Ø 8 mm traction rope*	Per m	**A-ARCO00001**	**5.40**

TOP VIEW



REEL SYSTEM SIDE

UNDERSIDE VIEW



REEL SYSTEM SIDE

Eyelets every 50 cm

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



INFO

If more than 4.50 m wide and/or 14 m long, the transport will be by charter.

PRO HINT

Isodel foam covers are not recommended if you are using ozone treatments.

OUR RANGE OF
REEL SYSTEMS






	MOTORIZED BORNE	DELINOX	MURAL	VEGA
POOL SIZES				
Maxi width (in m)	6.00	8.00	6.00	6.00
Maxi length (in m)	13.00	20.00	13.00	13.00
REEL SYSTEM FEATURES				
Tube	Telescopic	Telescopic or smooth	Telescopic	Telescopic
End-stands	Fixed	Mobile	Fixed	Mobile
Type of pool	In-ground	In-ground	In-ground	In-ground / Above-ground
Power supply	Electric or solar	Manual	Manual or electric	Manual
FOR WHICH COVERS?				
Compatibility	**BUBBLE COVERS:** • Dark • Clear • Sundown • Midnight • Blue blue *(400 µm and 500 µm)* • Opaque grey • Silver blue • Extra *(maximum 6.00 x 11.00 m)*	**BUBBLE COVERS:** • Dark • Clear • Sundown • Midnight • Blue blue *(400 µm and 500 µm)* • Opaque grey • Silver blue • Extra *(maximum 8.00 x 19.00, for the telescopic tube version: maximum 6.00 x 11.00 m)* **FOAM COVER*:** • Isodel	**BUBBLE COVERS:** • Dark • Clear • Sundown • Midnight • Blue blue *(400 µm and 500 µm)* • Opaque grey • Silver blue • Extra *(maximum 6.00 x 11.00 m)*	**BUBBLE COVERS:** • Dark • Clear • Sundown • Midnight • Blue blue *(400 µm and 500 µm)* • Opaque grey • Silver blue • Extra *(maximum 6.00 x 11.00 m)*
WARRANTIES	3 years WARRANTY REEL SYSTEM; 2 years WARRANTY MOTOR	3 years WARRANTY	3 years WARRANTY REEL SYSTEM; 2 years WARRANTY MOTOR	3 years WARRANTY

** For reel system Delinox large pools only.*

OUR RANGE OF REEL SYSTEMS

		COMMUNITY POOLS	
			
	ORION	**JUPITER 2**	**NEPTUNE**
	DEL	DEL	DEL
POOL SIZES			
Maxi width (in m)	4.60	8.00	16.00
Maxi length (in m)	11.00	50.00	25.00
REEL SYSTEM FEATURES			
Tube	Telescopic	Smooth	Smooth
End-stands	Mobile	Mobile	Mobile
Type of pool	In-ground / Above-ground	In-ground	In-ground
Power supply	Manual	Manual or electric	Manual or electric
FOR WHICH COVERS?			
Compatibility	**BUBBLE COVERS:** • Dark • Clear • Sundown • Midnight • Blue blue *(400 µm and 500 µm)* • Opaque grey • Silver blue • Extra	**BUBBLE COVERS:** • Dark • Clear • Sundown • Midnight • Extra *(maximum 8.00 x 25.00 m)* **FOAM COVER:** • Isodel	**BUBBLE COVERS:** • Dark • Clear • Sundown • Midnight • Extra *(maximum 8.00 x 22.00 m)* **FOAM COVER:** • Isodel
WARRANTIES			
	3 years WARRANTY	3 years WARRANTY REEL SYSTEM 2 years WARRANTY MOTOR	3 years WARRANTY REEL SYSTEM 2 years WARRANTY MOTOR

REEL SYSTEMS

MOTORIZED BORNE

Suitable for many pools

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY REEL SYSTEM · 2 years WARRANTY MOTOR

DEL



Electric borne

TYPE OF POOL

• For pools up to 6.00 x 13.00 m.

PRODUCT BONUS

+ Available in electric or solar versions.
+ Anodised aluminium tube.
+ Aesthetic end-stands for perfect integration at the poolside.



Solar borne

• Reel system delivered with an electric control box (for the electric version) and elastic straps.

MOTORISATION

• Electric version: 24V DC tubular gear motor.
• Solar version: 24V DC tubular gear motor.
• Automatic stop with end stops.
• 7 rotations per minute rolling and unrolling, 35 Nm torque.

TUBE

• Telescopic anodised aluminium tube, Ø 105-110 mm, grooved.
• Height at the shaft 38 cm.

END-STANDS

• White PVC end-stands, aluminium frame.
• Screws included.

DESCRIPTION	REF.	PRICE € EXCL. VAT
Electric borne	**W-ENPB01201**	**3 489.85**
Solar borne	**W-ENPB01200**	**2 461.75**
Remote control option*	**W-EMCI30000**	**717.90**

** Not compatible with the solar version.*

INFO

FOR WHICH COVERS?
For all bubble covers.

PACKING DETAILS
Tube: 1 length of 3.30 x 0.30 x 0.15 m.
End-stands: 1 pack of 0.51 x 0.47 x 0.37 m.
Weight: 58 kg.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!

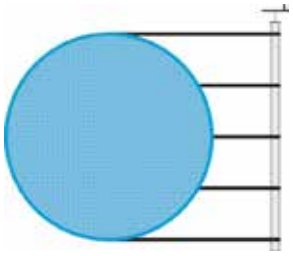


ACCESSORY

► 3.00 m STRAP

3.00 m strap ideal for free-form pools.
We recommand 1 strap every 50 cm.

DESCRIPTION	REF	PRICE € EXCL. VAT
Bungee cord Ø 6 mm 2 end pieces lg 3.00 m	**A-ARST03007**	**9.90**



REEL SYSTEMS

DELINOX

Versatile reel with proven robustness

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY



TYPE OF POOL

- Telescopic Delinox: for pools up to 7.00 x 15.00 m.
- Delinox for large pools: for pools up to 7.50 x 20.00 m.
- Delinox large pools, tripod wheels: for pools up to 8.00 x 20.00 m.

PRODUCT BONUS

+ Anodised aluminium tube.
+ Ideal for rolling foam covers.
+ Better control when unrolling the cover using the strap brake system.
+ Rolling is easy thanks to the bearing block ball bearings.

• Reel system delivered pre-fitted, with elastic straps (straps for smooth tube to be ordered with cover).

END CAPS

• Polyamide end caps.
• Ø 20 mm stainless steel shaft.

TUBE

• Telescopic Delinox: anodised aluminium telescopic tube, Ø 105-110 mm, grooved.
• Delinox large pools: anodised aluminium tube, Ø 130 mm, thickness 4 mm, smooth.

END-STANDS

• Passivated grade 304 L stainless steel.
• Vertical upright: 80 x 40 mm, thickness 1.50 mm.
• Horizontal upright: 40 x 40 mm, thickness 1.50 mm.
• 2 stainless steel ball bearings.


Brake

BRAKE

• Strap braking system ensuring the slowing or blockage of the shaft.

TYRES

• Inflatable tyre with inner tube (delivered un-inflated).

WHEEL

• Ø 300 mm wheel with swivelling handle.

DESCRIPTION	REF.	PRICE € EXCL. VAT
Telescopic Delinox	**W-ENPT03200**	**1 430.50**
Delinox large pools	**W-ENPT03100**	**1 830.85**
Delinox large pools, tripod wheels	**W-ENPT03101**	**2 997.30**
Custom-made size		**88.00**

INFO

FOR WHICH COVERS?

- Telescopic Delinox: all bubble covers.
- Delinox large pools: all bubble and foam covers.
- Delinox long length, tripod wheels: all bubble and foam covers.

PACKING DETAILS

Telescopic Delinox:
- Tube: 1 length of 3.20 x 0.25 x 0.20 m.
- End-stands: 1 pack of 0.80 x 0.60 x 0.35 m.
- Weight: 29 kg.

Delinox large pools:
- Tube: 1 length of 8.30 x Ø 0.15 m.
- End-stands: 1 pack of 0.80 x 0.60 x 0.35 m.
- Manual weight: 36 kg.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!

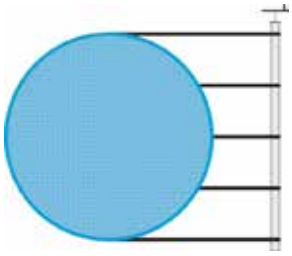


ACCESSORY

► 3.00 m STRAP

3.00 m strap ideal for free-form pools.
We recommand 1 strap every 50 cm.

DESCRIPTION	REF	PRICE € EXCL. VAT
Bungee cord Ø 6 mm 2 end pieces lg 3.00 m	**A-ARST03007**	**9.90**



REEL SYSTEMS

MURAL

Compact and robust reel for wall mounting

MADE IN FRANCE | CF TRUST PRODUCT | 3 years WARRANTY REEL SYSTEM | 2 years WARRANTY MOTOR



TYPE OF POOL

• For pools up to 6.00 x 13.00 m.

PRODUCT BONUS

+ Available in manual or electric versions.
+ Wall mount for reduced spaces.
+ Stainless steel plate, aluminium tube.
+ Unrolling control using the strap brake system.

• Reel system delivered with an electric control box (for the electric version) and elastic straps.

MOTORISATION (electric version)

• 24V DC tubular gear motor.
• Automatic stop with end stops.
• 7 rotations per minute rolling and unrolling, 35 Nm torque.

TUBE

• Telescopic: anodised aluminium tube, Ø 105-110 mm, grooved.
• Height at the shaft 30 cm.

PLATES

• 316L grade stainless steel fixing plates with electrolytic treatment for better resistance in corrosive atmospheres.
• Thickness 2 mm.



Brake

BRAKE

• Strap braking system ensuring the slowing or blockage of the shaft.

WHEEL

• Ø 300 mm wheel with swivelling handle.

DESCRIPTION	REF.	PRICE € EXCL. VAT
Mural - Wall mounted manual	**W-ENPB02200**	**1 547.90**
Mural - Wall mounted electric	**W-ENPB02201**	**3 472.00**
Remote control option*	**W-EMCI30000**	**717.90**

** Only available for the electric version.*

INFO

FOR WHICH COVERS?
For all bubble covers.

PACKING DETAILS
Tube: 1 length of 3.30 x 0.30 x 0.15 m.
End-stands: 1 pack of 0.63 x 0.43 x 0.21 m.
Manual: 58 kg / Motorised: 68 kg.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!

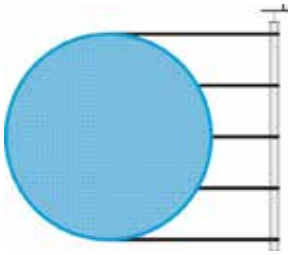


ACCESSORY

► 3.00 m STRAP

3.00 m strap ideal for free-form pools.
We recommand 1 strap every 50 cm.

DESCRIPTION	REF	PRICE € EXCL. VAT
Bungee cord Ø 6 mm 2 end pieces lg 3.00 m	**A-ARST03007**	**9.90**



REEL SYSTEMS

VEGA

Stainless steel reels adapted to the core market

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY



TYPE OF POOL

- For pools up to 6.00 x 13.00 m.
- For in-ground or above-groud pools.

PRODUCT BONUS

+ Minimised tube deflection.
+ Very strong reel systems.
+ Reel system for multiple pools configurations: in-ground, above-ground.

Vega mobile

Vega removable

Vega

- Reel system delivered pre-fitted with elastic straps.

TUBE

- Telescopic anodised aluminium tube, grooved.
- Length from 4.60 to 6.60 m, Ø 105-110 mm.
- Height at the shaft 38 cm for Vega and Vega mobile models.
- Height at the shaft 1.10 to 1.50 m for removable model.

END-STAND

- Passivated 304 L grade stainless steel end-stands.
- Tube 35 x 35 mm, thickness 2 mm.

POLYAMIDE FLAS

- Ø 20 mm stainless steel shaft.

WING BRAKE

WHEEL

- Wheel with swivelling handle Ø 300 mm.

WHEEL

- Rubber Ø 180 mm banding.
- Vega: 2 wheels.
- Vega mobile: 4 pivoting wheels (of which 2 with brakes) mounted on bearings and steel supports.

DESCRIPTION	PACKAGING	REF.	PRICE € EXCL. VAT
Vega	Each	W-ENPT01200	**790.20**
	Unit price per set of 5		**770.30**
	Unit price per set of 10		**752.45**
Vega mobile	Each	**W-ENPT01202**	**871.95**
Vega extendable shaft heigth	Each	**W-P39382**	**1 139.00**

INFO

FOR WHICH COVERS?
For all bubble covers.

PACKING DETAILS
Tube: 1 length of 3.20 x 0.25 x 0.20 m.
End-stands: 1 pack of 0.63 x 0.43 x 0.21 m.
Weight: 17 kg.

Products not recommended for indoor pools. For this configuration, please contact us.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!

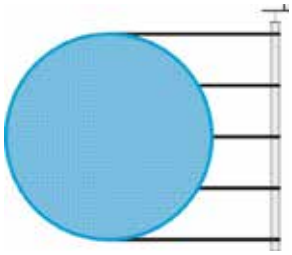


ACCESSORY

► 3.00 m STRAP

3.00 m strap ideal for free-form pools.
We recommand 1 strap every 50 cm.

DESCRIPTION	REF	PRICE € EXCL. VAT
Bungee cord Ø 6 mm 2 end pieces lg 3.00 m	**A-ARST03007**	**9.90**



REEL SYSTEMS

ORION

Good price-quality ratio

MADE IN FRANCE · CF TRUST PRODUCT · 3 years WARRANTY



TYPE OF POOL

- For pools up to 4.60 x 11.00 m.
- For in-ground or above-groud pools.

PRODUCT BONUS

+ Anodised aluminium tube.
+ Minimised tube deflection.
+ Excellent value for money.
+ Very strong reel systems.
+ Reel system for multiple pool configurations: in-ground, above-ground...

Orion removable

Orion

- Reel system delivered pre-fitted with elastic straps.

TUBE

- Telescopic anodised aluminium tube, grooved.
- Length from 3.60 to 5 m, Ø 95 -100 mm.
- Height at the shaft 38 cm for Orion model.
- Height at the shaft 1.10 to 1.50 m for removable model.

END-STANDS

- Passivated 304 L grade stainless steel end-stands.
- Tube 35 x 35 mm, thickness 2 mm.

POLYAMIDE FLASK

- Ø 20 mm stainless steel shaft.

WING BRAKE

WHEEL

- Wheel with swivelling handle Ø 300 mm.

WHEEL

- Rubber Ø 180 mm banding.
- 2 wheels.

DESCRIPTION	PACKAGING	REF.	PRICE € EXCL. VAT
Orion	Each	W-ENPT02200	**621.45**
	Unit price per set of 5		**606.80**
	Unit price per set of 10		**587.95**
Orion removable	Each	**W-P39381**	**1 087.00**

INFO

FOR WHICH COVERS?
For all bubble covers.

PACKING DETAILS
Tube: 1 length of 3.20 x 0.25 x 0.20 m.
End-stands: 1 pack of 0.63 x 0.43 x 0.21 m.
Weight: 17 kg.

Products not recommended for indoor pools. For this configuration, please contact us.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!

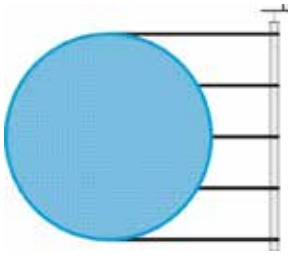


ACCESSORY

► 3.00 m STRAP

3.00 m strap ideal for free-form pools.
We recommand 1 strap every 50 cm.

DESCRIPTION	REF	PRICE € EXCL. VAT
Bungee cord Ø 6 mm 2 end pieces lg 3.00 m	**A-ARST03007**	**9.90**



REEL SYSTEMS

JUPITER 2

Ideal for commercial pools

MADE IN FRANCE | CF TRUST PRODUCT | COMMERCIAL POOLS | 3 years WARRANTY REEL SYSTEM | 2 years WARRANTY MOTOR



Manual Jupiter

TYPE OF POOL

- For pools of up to 8.00 x 50.00 m.

PRODUCT BONUS

+ Ideal for rolling foam covers.
+ Available in manual or motorised versions.
+ Electrolytic treatment.

MANUAL VERSION

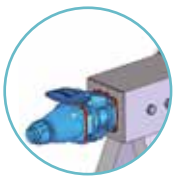
- 316L (superior marine quality) Stainless steel end-stands with electrolytic treatment for better resistance in corrosive atmospheres.
- Anodised aluminium Ø 170 mm tube.
- Polystone flask with Ø 30 mm stainless steel shaft.
- Stainless steel swivelling wheels Ø 125 mm of which 2 with brakes.
- Strap braking system ensuring the slowing or blockage of the shaft.
- Stainless steel handle with revolving handle.
- Reel system delivered without straps. Straps are delivered or can be ordered with the cover.



Brake

MOTORISED VERSION

- Stainless steel end-stands with electrolytic treatment for better resistance in corrosive atmospheres.
- Anodised aluminium Ø 170 mm tube.
- Polystone flask with Ø 30 mm stainless steel shaft.
- Stainless steel swivelling wheels Ø 125 mm of which 2 with brakes.
- Strap braking system ensuring the slowing or blockage of the shaft.
- Tubular motor, control box with remote control, electric protection, control and transformer relays, antenna with its holder on the control box. Electric wires not supplied.
- Reel system delivered without straps. Straps are delivered or can be ordered with the cover.



Motorised Jupiter

VERSION	DESCRIPTION	MAXIMUM STRIP SIZE	PRICE € EXCL. VAT
Manual	5.60 m tubes	5.35 x 25.00 m	**4 568.00**
Manual	6.60 m tubes	6.35 x 25.00 m	**4 962.00**
Manual	8.50 m tubes	8.25 x 25.00 m	**5 116.00**
Motorised	5.60 m tubes – 120 Nm motor	5.35 x 25.00 m	**8 062.00**
Motorised	5.60 m tubes – 250 Nm motor	5.35 x 50.00 m	**8 640.00**
Motorised	6.60 m tubes – 120 Nm motor	6.35 x 25.00 m	**8 487.00**
Motorised	6.60 m tubes – 250 Nm motor	6.35 x 50.00 m	**9 053.00**
Motorised	8.50 m tubes – 120 Nm motor	8.25 x 25.00 m	**8 584.00**
Motorised	8.50 m tubes – 250 Nm motor	8.25 x 50.00 m	**9 111.00**
Manuel/ Motorised	Custom-made size		**88.00**

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



INFO

FOR WHICH COVERS?
For all bubble covers and foam covers.

PACKING DETAILS
6.60 m Jupiter 2:
- Tube: 1 length of 6.90 x Ø 0.15 m.
- End-stands: 1 pallet of 1.20 x 1.00 x 0.50 m.
- Manual weight: 58 kg.

DON'T FORGET

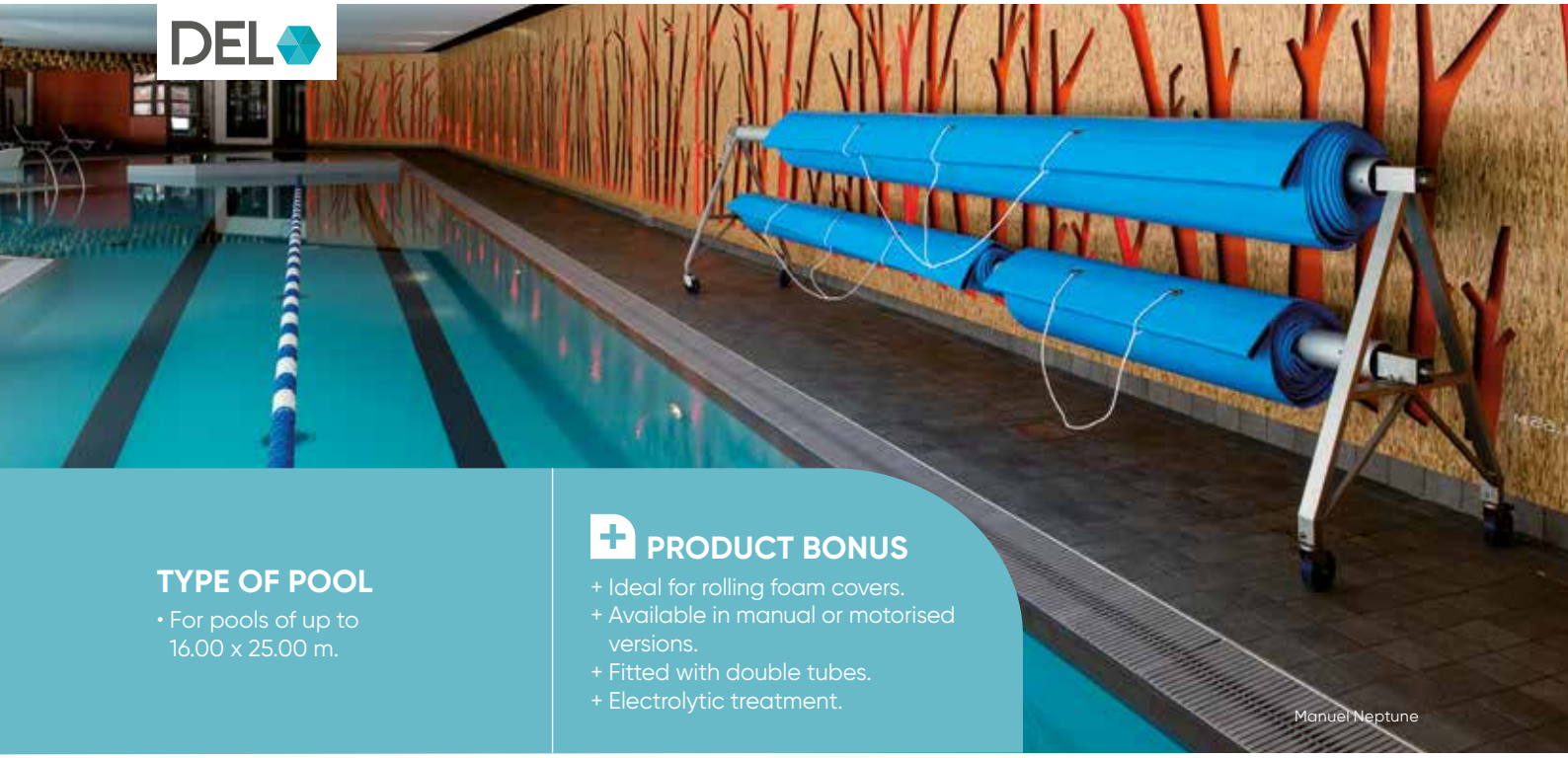
Choose an electric version now as it costs more to convert a manual Jupiter 2 reel system to a motorised version later.

REEL SYSTEMS

NEPTUNE 2

Ideal for commercial pools

MADE IN FRANCE · CF TRUST PRODUCT · COMMERCIAL POOLS · 3 years WARRANTY REEL SYSTEM · 2 years WARRANTY MOTOR



TYPE OF POOL

- For pools of up to 16.00 x 25.00 m.

PRODUCT BONUS

+ Ideal for rolling foam covers.
+ Available in manual or motorised versions.
+ Fitted with double tubes.
+ Electrolytic treatment.

Manuel Neptune

MANUAL VERSION

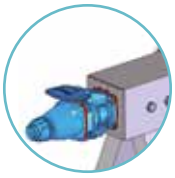
- 316L (superior marine quality) Stainless steel end-stands with electrolytic treatment for better resistance in corrosive atmospheres.
- Anodised aluminium Ø 130 mm tube.
- Polystone flask with Ø 30 mm stainless steel shaft.
- 4 stainless steel swivelling wheels Ø 125 mm of which 2 with brakes.
- Strap braking system ensuring the slowing or blockage of the shaft.
- Stainless steel handle with revolving handle.
- Reel system delivered without straps. Straps are delivered or can be ordered with the cover.



Brake

MOTORISED VERSION

- Stainless steel end-stands with electrolytic treatment for better resistance in corrosive atmospheres.
- Anodised aluminium Ø 130 mm tube.
- Polystone flask with Ø 30 mm stainless steel shaft.
- 4 stainless steel swivelling wheels Ø 125 mm of which 2 with brakes.
- Tubular motor, control box with remote control, electric protection, control and transformer relays, antenna with its holder on the control box. Electric wires not supplied.
- Reel system delivered without straps. Straps are delivered or can be ordered with the cover.



Motorised Jupiter

VERSION	DESCRIPTION	MAXIMUM STRIP SIZE	PRICE € EXCL. VAT
Manual	5.60 m tubes	5.00 x 25.00 m	**6 283.00**
Manual	6.60 m tubes	6.25 x 25.00 m	**6 516.00**
Manual	8.50 m tubes	8.00 x 25.00 m	**6 936.00**
Motorised	5.60 m tubes – 120 Nm motors	5.00 x 25.00 m	**12 879.00**
Motorised	6.60 m tubes – 120 Nm motors	6.25 x 25.00 m	**13 028.00**
Motorised	8.50 m tubes 120 and 250 Nm motors	8.00 x 25.00 m	**13 207.00**
Manual/ Motorised	Custom-made size		**88.00**

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



INFO

FOR WHICH COVERS?
For all bubble covers and foam covers.

PACKING DETAILS
6.60 m Neptune:
- Tubes: 2 lengths of 6.90 x Ø 0.15 m.
- End-stands: 1 pallet of 1.20 x 1.00 x 0.50 m.
- Manual weight: 75 kg.

DON'T FORGET

Choose an electric version now as it costs more to convert a manual Neptune reel system to a motorised version later.



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CHEMICAL PRODUCTS

Please find our ranges from page 268.

dinotec
Water & Pool Technology

SIMPLE. MORE. INSPIRING.

Yellow

Coming soon!



Pool control

the Yellow system

More options.
Less trade-offs.



Measurement and control of pH, redox (BNC connection)

Measuring electrodes in measuring cell or pipe installation

(Multi-stage) filter pump 230 V/16 A

Spotlights

Temperature / release heating Heat pump or similar

Network connection / LAN

BUS port

Diaphragm dosing pump

Paddle switch / flow

Canister empty signal



Energy Efficiency
according to DIN EN 17645

A brand by **CF group**



EN 17645 STANDARD*

ELECTROLYZERS/CHLORINATORS

The water treatment system is essential to ensuring good sanitary quality of bathing water, and its environmental efficiency is based on a rating system that considers two main criteria:

- The ability to maintain a disinfectant concentration as constant as possible.
- The capacity to dispense the most appropriate amount of disinfectant agents according to the need.

The classification of each treatment device depends on its score, determined using the method described in the EN 17645 standard.

Final classification of the water treatment system	Corresponding class
≥ 80	**A**
Between 60 and 75	**B**
Between 40 and 55	**C**
Between 25 and 35	**D**
Between 15 and 20	**E**
Between 5 and 10	**F**

EN 17645 Method

Primary Classification: Is the treatment:

- Manual (5 points).
- Unregulated, linked to the filtration system (15 points).
- Regulated (40 points).

+

Bonus Addition based on equipment features:

- Consideration of external parameters to adjust treatment power (+5 points).
- Ability to communicate information remotely to the user (+5 points).
- Automatic pH regulation (+15 points).

+

Additional Equipment Presence also contributing to better adherence to the two main criteria mentioned above:

- Non-residual additional treatment (+10 points).
- Cover (+10 points).
- Cleaning jet installed at the bottom of the pool (+5 points).

Absorbed power

Power in active mode

Power in stand-by mode

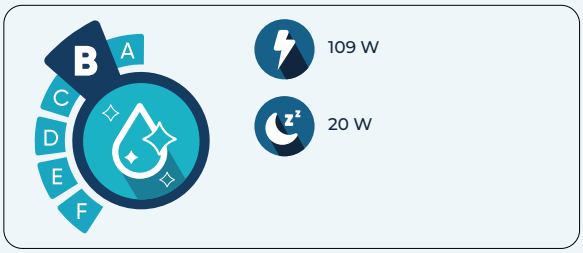
Power in stand-by mode

EXAMPLES OF LABELS FOR OUR PRODUCTS

- Membrano EC 16 Direct - Ref. 0531-002-00



- Premium 100 m³ - Ref. DINPREM100



** The NF EN 17645 standard evaluates the effectiveness of the environmental performance of domestic swimming pools and their equipment. The standard applies to permanently installed outdoor domestic swimming pools.*

OUR RANGE
ELECTROLYSIS SYSTEMS

MODEL	TREATED WATER VOLUME*	CHLORINE PRODUCTION	RECOMMANDED SALT LEVEL	ASSETS
 **VODES BLUEWAVE**	Up to 1 000 m^3	From 30 to 300 g/L	/	• No more chlorine handling. • Replacement interventions for consumables reduced by 4 times (25 kg of salt produces 100 L of liquid chlorine). • Does not require specific storage constraints. Significant reduction in constraints and delivery times. • No exposure to the risk of handling dangerous products for technicians. • No degradation of chlorine quality. Covers consumption peaks with storage tank. • Easy setup, use, and maintenance.
 **MEMBRANO EC DIRECT & EC TANK**	Up to 250 m^3	From 18 to 80 g/L	/	• Chlorine production according to pool requirements. • No salt transfer. • Reduced consumption of treatment products. • Compact, pre-assembled systems, quick to connect. • Compatible with all types of public or private pools.
 **PREMIUM**	Up to 140 m^3	From 12 to 28 g/L	Between 4 and 5 g/L	• pH level and chlorine production control module by an integrated pH/Redox probe. • Intuitive menu on a LCD screen displaying production, salt level, temperature, pH, Redox, and cell lifespan. • Adjustable polarity inversion, timed and progressive. Adjustable from 2 to 16 hours depending on water hardness. • Modular X-cell allowing adaptation to the constraints of the technical room.
 **DINDUO**	Up to 120 m^3	From 10 to 24 g/h	Between 4 and 5 g/L	• 4-years cell warranty. • Timed polarity inversion every 4 hours. • Plug & Play connection. • Display of production level. • Automatic pH regulation.
 **DINUNO DINUNO LOW SALT**	Up to 120 m^3	From 10 to 24 g/h	Between 4 and 5 g/L	• 4-years cell warranty. • Timed polarity inversion every 4 hours. • Plug & Play connection. • Display of produc.
 **INLINE ACCESS**	Up to 50 m^3	From 6 to 10 g/L	Between 4 and 5 g/L	• 2-years warranty on the cell • Polarity reversal delayed every 4 hours. • Plug-and-play connection. • Production level display.

** Depending on local operating conditions.*

ELECTROLYSIS SYSTEMS

VODES BLUEWAVE

Highly durable in situ chlorine production system via tubular cell electrolysis

dinotec
Water & Pool Technology

PRODUCT BONUS

+ Environmentally friendly: low energy consumption, less transport and storage, natural raw material (salt).
+ Economical: significant reduction in the cost of disinfecting the pool, quick return on investment.
+ Disinfection system complying with the requirements of the French Regional Health Agency (RHA).
+ NEW: remotely controllable by using its specific application.





- No degradation of chlorine quality. Consumption peaks covered by product storage tanks.
- Easy installation, usage and maintenance.

TECHNICAL DATA	VODES 30	VODES 60	VODES 90
Chlorine production up to g/h	30	60	90
Avg max. daily output g/day, approx.	660 | 720	1 320 | 1 440	1 980 | 2 160
Chlorine concentration g/L	6-7	6-7	6-7
Water consumption L/h, approx.	5	9	16
Salt consumption g/h, approx.	108	216	324
Energy demand kWh operation	0.135	0.27	0.405
Flow monitoring	✓	✓	✓
Monitoring of backflow in hydrogen line	✓	✓	✓
Refill control in softener	✓	✓	✓
Operation mode	stand-alone	stand-alone	stand-alone
Softening plant	built-in	built-in	built-in
Product tank and salt tank	100 L	100 L	100 L

INSTALLATION CONDITIONS	VODES 30	VODES 60	VODES 90
Required space, approx.	h x w x d (mm) 1 212 x 772 x 195	h x w x d (mm) 1 212 x 772 x 195	h x w x d (mm) 1 212 x 772 x 195
Min./max. room temperature	10 °C - 40 °C	10 °C - 40 °C	10 °C - 40 °C
Ventilation of installation room	required	required	required
Process water inlet temperature	max. 27 °C	max. 27 °C	max. 27 °C
Closed hydrogen discharge to the outside (not included in delivery)	✓ continuously rising	✓ continuously rising	✓ continuously rising
Special measures for storage	none	none	none
Handling of hazardous materials	✗	✗	✗
Separate technical room	✗	✗	✗

MADE IN GERMANY | COMMERCIAL POOLS | 2 years WARRANTY

+ ECONOMICAL

Lower purchase price
Reduced shipping and delivery costs



+ ENVIRONMENT-FRIENDLY

Natural raw material

Extremely dangerous



SAFER TO HANDLE

No personal protective equipment needed



EASIER TO STORE

No need for specific storage installation such as: building with ventilation, wall or partition between products, etc.



- The VoDes BlueWave system produces in situ liquid chlorine that is immediately available for the treatment of your pool.
- Thanks to its electrolysis system, VoDes BlueWave ensures the direct addition of chlorine on demand.
- It has an integrated water softener (independant and programmable) as well as a salt dissolving tank.
- Thanks to its integrated control technology, the VoDes BlueWave can be upgraded to a complete measurement, control and dosing system.
- Wall-mounted installation.
- Equipped with a Modbus RTU communication module.
- For public pools and/or pools up to 1 000 m^3: please contact us.

REF.	PRICE € EXCL. VAT
VODES30	**8 639.50**
VODES60	**11 135.29**
VODES90	**13 527.73**

Availability of these products: on order.

OPTIONS

- Extension kits with probe, analysis chamber, and dosing pumps:

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
With Easy peristaltic pumps 4.5 L/h Redox and pH	0551-632-00	**KITEASY45**	**1 752.10**
With Start peristaltic pumps 11 L/h free chlorine (potentiostatic) and pH	0551-630-00	**KITSTART11**	**4 455.46**
Universal FM Analysis Chamber with probe and pre-filter WITHOUT dosing pump	0551-631-00	**KITVODFM**	**2 426.89**

Availability of these products: on order.

ELECTROLYSIS SYSTEMS

MEMBRANO EC DIRECT

Membrane cell salt chlorinator for a perfect water quality

dinotec
Water & Pool Technology

MADE IN GERMANY

2 years WARRANTY

PRODUCT BONUS

+ Chlorine production according to pool requirements.
+ No salt transfer.
+ Reduced consumption of treatment products.
+ Compact, pre-assembled systems, quick to connect.
+ Compatible with all types of public or private pools.



Membrano technology

Membrane electrolysis technology, controlled by an analysis chamber, produces a highly active disinfection solution (chlorine), from salt, water and electrical current, that can be used directly on site to treat pools more effectively. Membrano technology comes from the water purification sector.

+ ECOLOGICAL:

The absence of salt in the pool water means that it can be reused for other purposes (watering plants, for example).

+ ECONOMICAL:

Using salt to treat water is more economical financially, as it is becoming increasingly difficult to obtain chlorine and its price is rising.

+ VERY HIGH YIELD:

Chlorine production up to 80 g/h. You can increase production by switching to the MZE Smart.

+ EASY-TO-USE:

• To make installation and commissioning easier, we supply these elestcrolysis systems with all pipes and electrical cables already connected.
• Connection, commissioning and maintenance are easy.

+ VERSATILITY:

• Suitable for outdoor or indoor pools, plastic pools, PVC, ceramic tile and even stainless steel.
• For private and public pools.



Réf. DINOSOLIT

• Compliant salt with DIN EN 16370.
• Sold bybag of 25 kg or palet of 40 bags.

PACKAGING	PRICE € EXCL VAT
1 to 39 bags (price per bag)	**28.00**
Pallet of 40 bags (price per bag)	**24.00**

DON'T FORGET!

SALT IN COMPLIANCE WITH DIN-EN-16370 (QUALITY 1)

Operating the Membrano EC Direct and Membrano EC Tank requires the use of salt compliant with the DIN-EN-16370 (quality 1).

Using a quality salt prolongs systems life.

ELECTROLYSIS SYSTEMS

MEMBRANO EC DIRECT & EC TANK

Membrane cell salt chlorinator for a perfect water quality

dinotec Water & Pool Technology



► **MEMBRANO EC DIRECT**

PRODUCT BONUS

+ Membrano technology.
+ pH-neutral chlorine is injected directly into the pool.
+ The system is also suitable for stainless steel pools.
+ Treatment of one or two pools simultaneously for the 40 and 80 g Cl_2/h models models only.

Please find the technical specification of Membrano EC Direct on the next page.



► **MEMBRANO EC TANK**

PRODUCT BONUS

+ Membrano technology.
+ Consumption peaks are compensated thanks to the tanks.
+ Chlorine production is directly injected into the tank, so you can treat several pools simultaneously.
+ Possibility of adding a larger extra tank.

Please find the different technical specification of Membrano EC Tank on the next page.

DESCRIPTION	REF.	PRICE € EXCL. VAT
Membrano EC 16 DIRECT	**0531-002-00**	**8 398.32**
Membrano EC 16 TANK	**0531-001-00**	**7 315.13**
Membrano EC 26 DIRECT	**0531-004-00**	**8 650.00**
Membrano EC 26 TANK	**0531-003-00**	**8 073.11**
Membrano EC 40 DIRECT	**0531-012-00**	**10 950.34**
Membrano EC 40 TANK	**0531-011-00**	**9 540.34**
Membrano EC 80 DIRECT	**0531-014-00**	**16 500.00**
Membrano EC 80 TANK	**0531-013-00**	**13 500.00**

GENERAL SPECIFICATION EC-TANK AND EC-DIRECT				
SYSTEM SPECIFIC CONNECTIONS	**EC 16**	**EC 26**	**EC 40**	**EC 80**
Approx. power consumption (W)	100	150	180	330
Supply voltage (V/Hz)	230/50			
PROCESS TECHNOLOGY				
Max. production output (g active chlorine/h)*	16	26	38	76
Approx. max. daily output (g/d)	384	624	912	1824
Space requirement for wall mounting plate (mm) (H x W x D), approx.	1 030 x 900 x 250			
Space required for installation (mm)	500 x 1 300			
Softening system	Reverse osmosis (integrated on mounting plate)			
Power section	Integrated on mounting plate			
Cover plate	Yes			
TECHNICAL SPECIFICATION MEMBRANO EC-DIRECT				
PROCESS TECHNOLOGY				
Approx. product concentration (g Cl_2/h) depending on flow rate	According to demand requirement			
Approx. product pH value (pH)	7 - 7.5			
System performance	20 - 100% (regulated)			
Approx. max. salt consumption (g NaCl/h), at 100% system capacity	59	96	140	280
Salt carry over into the product	none			
Operation of 2 pools	no		yes (expansion set)	
Transport weight (kg), approx.	55		52 (excl. pumps)	
Product storage (L)	Production according to demand			
TECHNICAL SPECIFICATION MEMBRANO EC TANK				
PROCESS TECHNOLOGY				
Approx. product concentration (g Cl_2/h) depending on flow rate	6.5	10	9	9
Approx. product pH value (pH)	10,5			
System performance	100% constant		50 - 100% (regulated)	
Approx. max. salt consumption (g NaCl/h), at 100% system capacity	37	60	88	177
Salt carry over into the product	negligible			
Operation of 2 pools	yes			
Transport weight (kg), approx.	45		47	
Product storage (L)	1 L (integrated on wall mounting plate. Optionally expendable)		40 L (separate tank)	75 L (separate tank)

** Depending on local operating conditions.*

OPTION

DESCRIPTION	REF.	PRICE € EXCL. VAT
Expansion set for Membrano EC 40 / 80 DIRECT for dosing into a second cycle. Contains: - Dosing pump dinodos DDE 15-4 P-PVC - Injection valve with immersion tube - Connection cable - Dosing pipe - Installation accessories. Order: - Variant A for standard Membrano EC. or - Variant B for dosing into a second cycle.	**0531-015-00**	**1 145.38**

ELECTROLYSIS SYSTEMS

PREMIUM

The all-in-one salt chlorinator for a perfect control of your consumption

dinotec Water & Pool Technology

PRODUCT BONUS

+ pH level and chlorine production control module by an integrated pH/ Redox probe.
+ Increased cell life and reduced corrosion and scaling due to timed polarity reversal.
+ Intelligent self-test function with event history.



Probes

Cell

- All-in-one electrolysis system with proportional pH value control and fully automatic chlorine production via Redox probe.
- Temporary polarity reversal, adjustable in steps from 2 to 16 hours according to the water hardness.
- "Boost" operating mode for times of intensive pool use.
- Automatic cover (including plug connector): automatic adjustment of production when pool cover is closed.
- Automatic changeover to wintering mode for better protection of the electrolysis cell (water temperature below 15 °C).
- Intelligent self-test function and event history.
- Safety functions for water deficiency, salt deficiency, cell malfunction, setpoints that are exceeded and overdosing of pH.
- Recommended salt content: between 4 and 5 g/L.
- Removable titanium plate support for easier maintenance.
- Delivered with a 6-metre reinforced blue tubing which is formulated to be more resistant when used with multi-acid pH solutions containing hydrochloric acid.

DESCRIPTION	CHLORINE PRODUCTION (G/H)	VOLUME OF THE POOL (M³)	REF.	PRICE € EXCL. VAT
PREMIUM 60 m³	12	60	**DINPREM60**	**2 095.00**
PREMIUM 100 m³	20	100	**DINPREM100**	**2 295.00**
PREMIUM 140 m³	28	140	**DINPREM140**	**2 595.00**

Cells and Probes: please see p. 264.

DINDUO

Salt chlorinator with real-time pH control performance for an accurate water treatment

dinotec Water & Pool Technology

PRODUCT BONUS

+ Proportional pH regulation.
+ Easy and user-friendly interface.



Transparent cell

Probe



Connections without opening the electrical box: "plug & play"

- Delivered with a 6-metre reinforced blue tubing which is formulated to be more resistant when used with multi-acid pH solutions containing hydrochloric acid.

DESCRIPTION	CHLORINE PRODUCTION (G/H)	VOLUME OF THE POOL (M³)	REF.	PRICE € EXCL. VAT
DINDUO 50 m³	10	50	**DINDUO50**	**1 215.00**
DINDUO 90 m³	18	90	**DINDUO90**	**1 305.00**
DINDUO 120 m³	24	120	**DINDUO120**	**1 520.00**

Probes: please see p. 264.

ELECTROLYSIS SYSTEMS

DINUNO
DINUNO LOW SALT

MADE IN GERMANY | CF TRUST PRODUCT | 2 years WARRANTY DEVICE | 4 years WARRANTY CELL

Simplicity for the benefit of the water care treatment

dinotec Water & Pool Technology

PRODUCT BONUS

+ High quality, long-life titanium electrodes.
+ Slowing of cell ageing and reduction of corrosion and scale formation due to reverse polarity.
+ Easy maintenance: removable titanium plate holder.



Transparent cell



Connections without opening the electrical box: "plug & play".

Standard functions:

- Connections without opening the electrical box : "plug & play".
- Recommended salt concentration level: between 4 and 5 g/L.
- Must be interlocked with filter control.
- Supply voltage: 230V.

DESCRIPTION	CHLORINE PRODUCTION (G/H)	VOLUME OF THE POOL (M^3)	REF.	PRICE € EXCL. VAT
DINUNO 50 m^3	10	50	**DINUNO50**	**795.00**
DINUNO 90 m^3	18	90	**DINUNO90**	**895.00**
DINUNO 120 m^3	24	120	**DINUNO120**	**1 195.00**
DINUNO LOW SALT 90 m^3. Low salt: works with min. salt content 1.5 g/L	18	90	**DINUNOLS90**	**1 445.00**

Cells: please see p. 264.

INLINE ACCESS NEW VERSION

Easy and reliable salt chlorinator for automatic pool water treatment

MADE IN GERMANY | CF TRUST PRODUCT | 2 years WARRANTY DEVICE AND CELL

dinotec Water & Pool Technology

PRODUCT BONUS

+ High-quality, long-lasting titanium electrodes.
+ Self-cleaning cell with polarity reversal.
+ Easy to install.





Cell

- Auto cover mode (connector included): automatically adjusts production when the cover is closed.
- Production level display.
- Adjustable production from 0 to 10.
- Boost mode for intensive use.
- Safety features: low water level, low salt level, cell fault.
- Recommended salt level: between 4 and 5 g/L.
- Easy maintenance: removable cell electrodes for easy service.

DESCRIPTION	CHLORINE PRODUCTION (G/H)	VOLUME OF THE POOL (M^3)	REF.	PRICE € EXCL. VAT
INLINE ACCESS 30 m^3	6	30	**DINACC30**	**595.00**
INLINE ACCESS 50 m^3	10	50	**DINACC50**	**695.00**

Cells: please see p. 264.



EN 17645 STANDARD*

POOL MANAGEMENT AND MEASUREMENT SYSTEM

The water treatment system is essential to ensuring good sanitary quality of bathing water, and its environmental efficiency is based on a rating system that considers two main criteria:

- The ability to maintain a disinfectant concentration as constant as possible.
- The capacity to dispense the most appropriate amount of disinfectant agents according to the need.

The classification of each treatment device depends on its score, determined using the method described in the EN 17645 standard.

Final classification of the water treatment system	Corresponding class
≥ 80	**A**
Between 60 and 75	**B**
Between 40 and 55	**C**
Between 25 and 35	**D**
Between 15 and 20	**E**
Between 5 and 10	**F**

EN 17645 Method

Primary Classification: Is the treatment:

- Manual (5 points).
- Unregulated, linked to the filtration system (15 points).
- Regulated (40 points).

+

Bonus Addition based on equipment features:

- Consideration of external parameters to adjust treatment power (+5 points).
- Ability to communicate information remotely to the user (+5 points).
- Automatic pH regulation (+15 points).

+

Additional Equipment Presence also contributing to better adherence to the two main criteria mentioned above:

- Non-residual additional treatment (+10 points).
- Cover (+10 points).
- Cleaning jet installed at the bottom of the pool (+5 points).

Absorbed power

Power in active mode

Power in stand-by mode

Power in stand-by mode

EXAMPLES OF LABELS FOR OUR PRODUCTS

- PC Dynamics - Ref. 0133-545-93



- CF Control 100 - Ref. CFCONTROL100



** The NF EN 17645 standard evaluates the effectiveness of the environmental performance of domestic swimming pools and their equipment. The standard applies to permanently installed outdoor domestic swimming pools.*

FIND OUT MORE + *Technical leaflet p. 452 to 455*

MEASURING, CONTROL AND DOSING EQUIPMENT

PC DYNAMICS

Connective system for remote measuring, controlling and dosing for all pool sizes

dinotec Water & Pool Technology

PRODUCT BONUS

+ Automatic measurement and control of water treatment and pH.
+ Integrated filter/heating control and dosing technology, optional with flocculant dosing or pH raise.
+ Easy maintenance: automatic cleaning of disinfection electrode.





- pH measurement with temperature compensation.
- Disinfectant measurement adapted to flow rate.
- Possibility to program filtration time.
- The pump is peristaltic and adjustable.
- Option to add flocculant injection and a temperature probe.
- Possibility to connect a smartphone via Bluetooth, RS 485 bus, or WiFi.
- Delayed start (factory setting: 5 minutes, adjustable).
- Version with active oxygen: measured and regulated.
- Delivered on a fully assembled easy-install panel.
- Empty canister alarm – overdose safety.

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
CHLORINE/PH VERSION			
PC Dynamics pH CL + Dinodos Easy Dosing Pump 4.5 L/h: up to 150 m^3 outdoor	0133-545-93	**PCDYN45**	**4 279.83**
PC Dynamics pH CL + Dinodos Start Dosing Pump 11 L/h: up to 300 m^3 outdoor	0133-550-93	**PCDYN11**	**5 610.92**
REDOX/PH VERSION			
PC Dynamics pH RX + Dinodos Easy Dosing Pump 4.5 L/h: up to 150 m^3 outdoor	0133-510-93	**PCDYN45RX**	**2 498.32**
ACTIVE OXYGEN/PH VERSION			
PC Dynamics pH H_2O_2 + Dinodos Easy Dosing Pump 4.5 L/h: up to 80 m^3 outdoor	0133-540-92	**PCDYN45OXY**	**4 482.35**
PC Dynamics pH H_2O_2 + Dinodos Start Dosing Pump 11 L/h: up to 200 m^3 outdoor	0133-560-92	**PCDYN11OXY**	**5 570.59**

OPTIONS

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Water temperature probe + stainless steel thermowell with male ½" connector (for polycarbonate analysis chamber)	0110-011-90	**SONDETDINO**	**82.35**
Temperature probe (for Universal FM analysis chamber)	0181-120-00	**SONDETDINOFM**	**56.22**

WATER TREATMENT

CF CONTROL

Remote control system for measurement and dosing.

dinotec
Water & Pool Technology

PRODUCT BONUS

+ Long-lasting glass Redox probe.
+ Control box, dosing pumps, and analysis chamber pre-mounted on a panel.
+ Possibility to monitor pool parameters remotely.
+ Includes a plexiglass flow measurement cell and sampling water control.



pH RX Control Unit 3 L/h
pH/Bromine Control Unit 3 L/h
pH/H_2O_2 Control Unit 3 L/h



pH/Salt Control Unit 3 L/h



- Measurement and regulation for Chlorine/pH, Bromine/pH, Active Oxygen/pH, or Salt/pH.
- Adjustable peristaltic pumps: Maximum 3 L/h with a maximum counterpressure of 1.5 bar.
- Panel dimensions: 600 x 350 x 115 mm.
- Protection type: IP65.
- Digital display: Two 3-line displays with 6 indicator LEDs.
- Remote monitoring via a dedicated app (WiFi-enabled).
- Redox control: Continuous dosing monitoring for 60 minutes (programmable); preset setpoint: 600 mV (adjustable from 300 mV to 900 mV). Injection interval adjustable from 10 to 100 seconds.
- pH control:
- Measurement range: 2 to 9.99.
- Resolution: pH 0.01.
- Preset setpoint: 7.2 pH.
- Regulation range: 5 - 9.
- Calibration: Manual using pH 7.0 and pH 4.0 solutions.
- H2O2 control: Active oxygen dosing based on treated volume, water temperature, and filtration time.
- Electrolysis control: Regulates electrolyzer production according to the Redox potential setpoint.
- Bromine control: Supplied with a dosing pump for pH and a solenoid valve to manage water flow through the brominator (not included).
- Alarms: Activated for measurement water shortage or dosing alarm.
- Available versions: pH Redox, Bromine Redox, pH H_2O_2, or pH Salt (with one dosing pump).

DESCRIPTION	REF. MANUFACTURER	REF.	PRICE € EXCL. VAT
Control unit pH RX 3 L/h	0110-657-91	**CFCONTROL100**	**1 417.65**
Control unit pH/H_2O_2 3 L/h	0110-649-90	**CFCONTROLOXY**	**1 352.94**

DON'T FORGET!

To simplify the installation of the CF Control::
1514RED: Short male reducer ½" x female ¼".
PEC5015: Saddle clamp 50 x ½" ;
or **PEC6315:** Saddle clamp 63 x ½".

Use Electrode Cleaner (p. 274)
for probe maintenance.



PRO HINT

A grounding pool is recommended for all installations that include a salt chlorinator or pH/Redox regulation system. Refer to the manufacturer's instructions for installation.

ELECTROLYSIS SYSTEMS

CELLS

MADE IN GERMANY

dinotec Water & Pool Technology

EQUIPMENT CONCERNED	DESIGNATION	CELL REF.	PRICE € EXCL. VAT
Inline Access ref. DINACC30	CELL 4P DINACC30 (2 YEARS WARRANTY)	**ZNDA014**	**260.00**
Inline Access ref. DINACC50	CELL 6P DINACC50 (2 YEARS WARRANTY)	**ZNDA015**	**350.00**
dinUno ref.DINUNO50	ONLINE CELL 3P DINUNO50 DINDUO50 (2 YEARS WARRANTY)	**ZNCE013**	**495.00**
dinUno ref.DINUNO90	ONLINE CELL 4P DINUNO90 DINDUO90 (2 YEARS WARRANTY)	**ZNCE010**	**530.00**
dinUno ref.DINUNO120	ONLINE CELL 5P DINUNO120 DINDUO120 (2 YEARS WARRANTY)	**ZNCE011**	**615.00**
dinUno Low Salt ref.DINUNOLS90	ONLINE CELL 9P DINUNO90LS (2 YEARS WARRANTY)	**ZNLY015**	**1 050.00**
Premium ref. DINPREM60	5-PLATE ELECTRODE MX1 PREMIUM 60 (2 YEARS WARRANTY)	**ZNDP010**	**490.00**
Premium ref. DINPREM100	7-PLATE MX1 PREMIUM 100 ELECTRODE (2 YEARS WARRANTY)	**ZNDP011**	**690.00**
Premium ref. DINPREM140	9-PLATE MX1 PREMIUM 140 ELECTRODE (2 YEARS WARRANTY)	**ZNDP012**	**890.00**

PROBES

dinotec Water & Pool Technology

EQUIPMENT CONCERNED	DESIGNATION	PROBE REF.	PRICE € EXCL. VAT
DINPH / DINDUO	PH PROBE + CABLE (6 MONTHS WARRANTY)	**PDEPH**	**59.00**
Premium ref. DINPREM60, DINPREM100, DINPREM140	DINOTEC PREMIUM BLUE PH PROBE (2 YEARS WARRANTY)	**ZNCE100**	**195.00**
DINRX	ORP PROBE + CABLE (1 YEAR WARRANTY)	**PDERX**	**92.10**
Premium ref. DINPREM60, DINPREM100, DINPREM140 / DINRX	DINOTEC PREMIUM GOLD ORP PROBE (1 YEAR WARRANTY)	**ZNCE101**	**265.00**

	DESIGNATION	REF.	PRICE € EXCL. VAT
pH ELECTRODE			
	Suitable for all dinotec devices and third-party systems (2 years warranty)		
	pH combination electrode	**0161-101-01**	**Contact us**
	With integrated KCL reserve, refillable	**0161-010-01**	**Contact us**
REDOX ELECTRODE WITH REFERENCE SYSTEM			
	Extremely durable (2 years warranty)		
	**For:** • Poolcontrol 1000/S/AVANT/LOGO VISUAL • DSC series • PC Dynamics • dinotecNET+ systems • AquaTouch+ systems • CF Control 100 • WG Control 100	**0111-103-00**	**Contact us**
REDOX ELECTRODE WITH REFERENCE SYSTEM			
	Also suitable for use in third-party systems (2 years warranty)		
	**For:** • Poolcontrol 1500 • Rx 1000 • DSC Eco Redox	**0111-102-01**	**Contact us**
CHLORINE/OZONE/CHLORINE DIOXIDE AND ACTIVE OXYGEN ELECTRODE			
	Potentiostatic, for active oxygen systems (2 years warranty)		
	As active oxygen electrode: ONLY for PC DYNAMICS from 2013 and PMM7	**0121-104-05**	**Contact us**
ACTIVE OXYGEN ELECTRODE			
	Potentiostatic, for active oxygen systems (2 years warranty)		
	As active oxygen electrode: NOT for PC DYNAMICS from 2013 and PMM7	**0131-105-01**	**Contact us**

WATER TREATMENT

RX-CONNECT/pH-CONNECT

CF TRUST PRODUCT

LivePool

Available on the App Store

GET IT ON Google Play

2 years WARRANTY

Connected pH and Redox dosing pumps for precise control of water treatment

dinotec Water & Pool Technology

PRODUCT BONUS

+ Modular and scalable.
+ Easy to install and use.
+ Visualization and control.
+ Local, private, and secure wireless network.



RX-Connect



pH-Connect

RX-Connect and pH-Connect:

- Connected pH and Redox feed pumps.
- Automatic pairing of the swimming pool's other LivePool devices.
- No electrical coupling required between the LivePool devices.
- Possibility of electrically controlling pH-Connect and RX-Connect feed pumps from an electrical box managing non-LivePool filtration.
- Easy and intuitive calibration in the LivePool application (choice of buffer solution, explanatory photos, timer, etc.).
- Proportional regulation adjustable according to pool volume and concentration of injected liquid.
- pH- or pH+ modes for the pH-Connect feed pump.
- Sensor detecting low or empty level in the liquid tank in the LivePool application (option).
- Water temperature displayed in the LivePool application (option).
- Digital water temperature sensor with stainless steel head and 5-metre cable (to fit onto a pipe saddle: not supplied).
- Accessories supplied: sensors, 2 pipe saddles 50 mm in diameter, distributing tube, suction strainer, tubing.
- Silent peristaltic injection pump.
- 120 m^3 max. in pH and 60 m^3 max. in Redox.
- Flow rate: 1.8 L/h.
- Pressure: max. 1.5 bar.

DESCRIPTION	REF.	PRICE € EXCL. VAT
pH-Connect: connected pH feed pump	**PHCONNECT**	**500.00**
RX-Connect: connected Redox feed pump	**RXCONNECT**	**500.00**
Empty tank alert sensor	**CAPBID**	**150.00**
Water T° sensor	**WATTEMPC**	**90.00**

DOSECO

Easy pH minus regulation

2 years WARRANTY
EXCL. SENSORS

PRODUCT BONUS

+ Ergonomic: set point adjustment by push button on a suitable range (7.2 to 7.4).
+ Real time pH adjustment.
+ Easy to install.





Fixing to be inserted on a bracket

Supplied with:
- 2 m of intake tube.
- 2 m of discharge tube.
- Strainer + injector + probe.
- Support clamp (not included).

MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
103453	**DOSPHMINUS**	**270.00**

WATER TREATMENT

DINpH

pH dosing pump

CF TRUST PRODUCT

2 ans WARRANTY

EXCL. WEARING PARTS

dinotec Water & Pool Technology

PRODUCT BONUS

+ Quiet operation: dosing pump motor powered by 230 V AC.
+ Regulation proportional to the volume of the pool and measured pH value.
+ Alarm for out-of-range and overdose measurements.



Probe

- Proportional pH dosing pump pH 1.8 L/h - 150 m³.
- 4 setting keys.
- pH display.
- Operating status using indicators.
- Supplied with a wall mount.
- Set point adjustment by push button in an extended rang (6.8 to 7.6 in pH).
- Delivered with a 6-metre reinforced blue tubing which is formulated to be more resistant when used with multi-acid pH solutions containing hydrochloric acid.

2-year guarantee excluding WEARING PARTS (tubes and probe).

REF.	PRICE € EXCL. VAT
DINPH	**390.00**

Probes: please see p. 264.

DINRX

Redox dosing pump

CF TRUST PRODUCT

2 years WARRANTY

dinotec Water & Pool Technology

PRODUCT BONUS

+ Regulation proportional to the volume of the pool and the concentration level of chlorine liquid.
+ Alarm in case of overdose.
+ Ergonomic: operation indicator lights.



Probe

- Proportional Redox peristaltic dosing pump 1.8 L/h - 120 m³.
- 4 setting keys.
- Redox display.
- Operating status using LED indicators.
- Supplied with: wall mount, support clamps, Redox probe, 5 m tube, strainers, probe holder with cap for calibration.
- Can be manually triggered with parametrable injection time: perfect at the beginning of the season.
- Gold ORP Probe insuring accurate measurement and extended durability.

REF.	PRICE € EXCL. VAT
DINRX	**450.00**

Probes: please see p. 264.

WATER TREATMENT

DOSING PUMP ACCESSORIES

1



2



3



4



N°	DESIGNATION	REF. MANUFACTURER	REF.	PRICE € EXCL. VAT
1	**Dosing containers**			
	White dosing container 120L graduated 51 x 51 x 72 cm	AQUBD120	**BACDOS120**	**128.20**
	White dosing container 50L graduated 40 x 40 x 53 cm	AQUBD50	**BACDOS50**	**121.40**
2	**Calibration solutions**			
	pH10 solution 20 mL bag	HI70010P	**ETALPH10**	**5.40**
	pH4 solution 20 mL bag	HI700044P	**ETALPH4**	**5.40**
	pH7 solution 20 mL bag	HI700074P	**ETALPH7**	**5.40**
	Salt solution 6.44g/L ppt 20 mL bag	HI700384P	**ETALRX6**	**5.40**
	RX 470 mV solution 30 mL bottle	106154	**ETALRX470**	**37.30**
3	**Probe**			
	pH probe + cable 1.5 m	PDEPH	**PDEPH**	**59.00**
	Redox probe + cable 1.5 m	PDERX	**PDERX***	**92.10**
	pH probe + cable 6 m	9900105105	**ZNPH01**	**138.00**
4	**Support clamp**			
	Support clamp 50 x 1/2"	PEC5015	**PEC5015**	**8.20**
	Support clamp 63 x 1/2"	PEC6315	**PEC6315**	**12.00**
	Support clamp 50 x 3/4"	PEC5020	**PEC5020**	**8.40**
	Support clamp 63 x 3/4"	PEC6320	**PEC6320**	**12.30**
	Dosing Line			
	Dosing line PE6 mm (price per m)	CDP06	**CDP06**	**7.90**
	Dosing line PE 8 mm (price per m)	PRT0372151	**ZNDI071**	**14.00**
	Retention tank			
	25 kg retention tank	RETEN25	**RETEN25**	**47.60**

WATER CARE

WATER BALANCE





- An optimum water maintenance in pools is not possible without a proper adjustment of the pH level.
- The ideal level is between 7.0 (neutral point) and 7.4.
- Maintaining these values ensures your well-being, and conserves the long-term value of your pool.
- You should check the pH level in your pool water at least once a week.

Please refer to pages 284 to 286 regarding CLP labels (regulation on classification, labeling, and packaging of chemical products).

BE CAREFUL WITH CHEMICAL PRODUCT STORAGE.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF. MANUFACTURER	REF.	PRICE € EXCL. VAT
CORRECTION OF TAC AND TH – PARTICULARLY SUITED FOR VERY SOFT AND DEMINERALIZED WATER							
TAC Plus	Alkalinity Booster. Balances and buffers demineralized water. Sodium bicarbonate 100%, food-grade quality, compliant with EN NF 15075.	170 g/10 m³	Box of 1 kg	6	0805001CFR	**TAC1**	**11.00**
			Bucket of 5 kg	4	0805005CFR	**TAC5**	**19.00**
			Bucket of 25 kg	1	0805025CFR	**TAC25**	**93.00**
TH+	Increases mineral content in water. Recommended for soft water.	150 g/10 m³	Bucket of 3 kg	4	0860003CFR	**THPLUS3**	**19.00**
CORRECTION DU PH							
pH Correction pH Minus (Dosage to decrease by 0.1 pH unit)							
pH Minus Granulat	pH reducer. Sodium bisulfate 100%, compliant with EN NF 16038.	75 g/10 m³	Box of 1,5 kg	6	0811001CFR	**MIN1**	**7.80**
			Bucket of 5 kg	4	0811005CFR	**MIN5**	**15.00**
			Bucket of 25 kg	1	0811026CFR	**MINGR25**	**49.50**
pH Minus Concentrated Liquid	**For professional use only. Sale to individuals is prohibited.** pH reducer. Sulfuric acid 50%, compliant with EN NF 15078.	0.05 L/10 m³	Container of 12 kg	1	0816012CFR	**MIN12**	**35.00**
			Container of 25 kg	1	0816025CFR	**MIN25S**	**54.00**
			Full pallet (24 containers)	24	0816025CFR	**MIN25S**	**51.30**
pH Minus Liquid	**For professional use only. Sale to individuals is prohibited.** Sulfuric acid 40%, compliant with EN NF 15078.	0.08 L/10 m³	Container of 25 kg	1	0808025CFR	**MIN25**	**32.00**
			Full pallet (30 bidons)	30	0808025CFR	**MIN25**	**30.40**
pH Minus Liquid 15%	**Special for sale to individuals.** pH reducer. Sulfuric acid 14.90%, compliant with EN NF 15078.	0.1 à 0.2 L/10 m³	Container of 12 kg	1	0810010CFR	**MIN10P**	**21.00**
			Container of 22 kg	1	0810020CFR	**MIN20P**	**28.00**
			Full pallet (30 containers)	30	0810020CFR	**MIN20P**	**26.60**
pH Plus (Dosage to increase by 0.1 pH unit).							
pH Plus Granulat	pH increaser. Sodium carbonate 100%, compliant with EN NF 15362.	75 g/10 m³	Box of 1 kg	6	0802001CFR	**PLUS1**	**7.80**
			Bucket of 5 kg	4	0802005CFR	**PLUS5**	**17.00**
pH Plus Concentrated Liquid	pH increaser. Sodium hydroxide 50%, compliant with EN NF 15076	0.05 L/10 m³	Container of 12 kg	1	0801012CFR	**PLUS12**	**75.00**
pH Plus Liquid	pH increaser. Sodium hydroxide 35%, compliant with EN NF 15076.	0.08 L/10 m³	Container of 25 kg	1	0806025CFR	**PLUS25**	**120.00**
ANTI-SCALE AND ANTI-METALS							
Calzestab F+	Anti-scale + anti-metals. Prevents scale buildup on surfaces and water discoloration.	0.2 L/10 m³	Container of 1 L	6	1110001CFR	**TICAL1**	**7.50**
			Container of 5 L	2	1110005CFR	**TICAL5**	**18.00**
Metal Ex	Highly concentrated anti-metals + anti-scale. Ultra-concentrated clarifier. Removes discoloration in the water and stains on PVC caused by metallic salts (rust, manganese, etc.).	0.3 L/10 m³	Container of 1 L	6	1091001CFR	**METALEX**	**25.60**

WATER CARE
DISINFECTION





USE BIOCIDES SAFELY.
ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF. MANUFACTURER	REF.	UNIT PRICE EXCL. VAT OF THE CONTAINER.
CHLORINE							
STABILIZED SHOCK CHLORINE							
T-Tablets Choc 20 g	Stabilized shock chlorine in 20 g tablets. 50% active chlorine.	5 tablets/ 10 m^3	Box of 1 kg	6	0504101CFR	**CMP1**	**10.00**
			Bucket of 5 kg	4	0504105CFR	**CMP5**	**35.50**
T-Granulat 65	Stabilized shock chlorine in granules. Ultra-fast disinfection. 56% active chlorine. Sodium dichloroisocyanurate 100%, compliant with EN NF 15073.	80 g/10 m^3	Box of 1 kg	6	0501001CFR	**GRA1**	**12.00**
			Bucket of 5 kg	4	0501005CFR	**GRA5**	**37.00**
			Bucket of 25 kg	1	0501025CFR	**GRA25**	**170.00**
T-Granulat 100	Stabilized chlorine + long-lasting anti-algae granules. Ultra-fast disinfection. 90% active chlorine. Trichloroisocyanuric acid 100%, compliant with EN NF 15032.	30 g/m^2 of surface to treat*	Bucket of 10 kg	1	0502010CFR	**GRAXL10**	**104.00**
NON-COMBUSTIBLE STABILIZED SLOW-RELEASE CHLORINE WITHOUT BORIC ACID							
T-Tablets Chlore lent 20 g	Stabilized slow-release chlorine tablets 90/20 g, non-combustible. Long-lasting disinfection. 83% active chlorine. 92% trichloroisocyanuric acid	4 tablets/ 10 m^3 every week	Box of 1 kg	6	5503701CFR	**CMPL1**	**15.90**
T-Grosstablettes 90/250 g	Slow-dissolving stabilized chlorine tablets, 90/250 g, non-combustible. Long-lasting disinfection. Active chlorine: 83%. Trichloroisocyanuric acid: 92%	1 puck/30 m^3 every week	Box of 1 kg	6	5509701CFR	**GAL1**	**15.20**
			Bucket of 5 kg	4	5509705CFR	**GAL5**	**50.00**
			Bucket of 10 kg	1	5509710CFR	**GAL10**	**95.00**
			Bucket of 25 kg	1	5509725CFR	**GAL25**	**235.00**
T-Grosstablettes 90/500 g	Slow-dissolving stabilized chlorine blocks, 90/500 g, non-combustible. Long-lasting disinfection. Active chlorine: 83%. Trichloroisocyanuric acid: 92%.	1 block/30 m^3 every 2 weeks	Bucket of 5 kg	4	5512705CFR	**GALXL5**	**55.00**
			Bucket of 10 kg	1	5512710CFR	**GALXL10**	**110.00**

INFOS

Please refer to pages 284 to 286 for CLP labels (regulation on classification, labeling, and packaging of chemical products).

WATER CARE

DISINFECTION

CHEMOFORM



- Pool water is constantly exposed to environmental factors such as bacteria and germs, which can be harmful and are therefore undesirable. They can also contribute to algae growth, leading to more algae and slime in the pool water.
- Our wide range of disinfectants includes products with or without chlorine. They ensure a high level of hygiene and optimal pool water quality.

Please refer to pages 284 to 286 regarding the CLP labels (classification, labeling, and packaging regulation for chemical products).

USE BIOCIDES WITH CAUTION. BEFORE USE, BE SURE TO READ THE LABEL AND THE PRODUCT INFORMATION.
BE CAREFUL WITH THE STORAGE OF CHEMICAL PRODUCTS.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF. MANUFACTURER	REF.	UNIT PRICE EXCL. VAT OF THE CONTAINER
MULTI-FUNCTIONAL: SLOW CHLORINE, ALGAECIDE, AND FLOCCULANT							
T-Multifunction Tablet 20 g	Slow-release multi-functional chlorine tablets, non-combustible. 20 g tablets. Four-in-one action (disinfection, stabilization, algaecide, and flocculation), specially designed for above-ground pools or small pools. 83% active chlorine. 92% trichloroisocyanuric acid.	4 tablets/ 10 m³ each week	Box of 1 kg	6	5508701CFR	**MINI1**	**16.00**
T-Copper-Free Multifunction 200 g	Multi-functional slow-release chlorine, **without copper sulfate**, non-combustible: 200 g tablets. Disinfectant, stabilizer, clarifier, flocculant, algaecide, anti-limescale, pH adjuster. Active chlorine: 83%. Trichloroisocyanuric acid: 92%.	1 puck/25 m³ each week	Bucket of 5 kg	4	5541705CFR	**MAXI5SC**	**53.00**
T-Multifunctions 200 g	Multi-functional chlorine, non-combustible: 200 g tablets. Disinfectant, stabilizer, clarifier, flocculant, algaecide.	1 puck/25 m³ each week	Bucket of 5 kg	4	5507705CFR	**MAXI5**	**52.00**
			Bucket of 10 kg	1	5507710CFR	**MAXI10**	**98.00**
			Bucket of 25 kg	1	5507725CFR	**MAXI25N**	**235.00**
ChlorTab2 250 g	Bi-layer 250 g: multi-functional + shock, non-combustible. Multi-functional (disinfection, stabilization, algaecide, anti-calcareous, and flocculation). Shock treatment and long-lasting effect.	1 puck/15 m³ all the 8 to 10 days	Bucket of 5 kg	4	5519705CFR	**DUOCHLOR5**	**56.00**
Multifunction Block 600 g	Slow-Release Multifunctional Chlorine, Non-Combustible. Extra-Long-Lasting 600 g Block. Disinfectant, Stabilizer, Clarifier, Flocculant, Anti-Algae, Anti-Scale, pH Adjustment Particularly suitable for treatment during extended absences or dynamic winterization Contains 92% Trichloroisocyanuric Acid.	1 block/30 m³ all the 3 weeks	Bucket of 4.8 kg	4	5506705CFR	**MAXIXL5**	**58.00**
UNSTABILIZED CHLORINE, PARTICULARLY SUITED FOR SOFT WATERS							
Chemoclor 9.6	Liquid chlorine for retail sale.Liquid disinfectant with anti-scale properties. Used with a dosing pump. 9.6% active chlorine. Complies with EN NF 15077	0.1 L/10 m³	Container of 20 L	1	0588020CFR	**CHLOR24P**	**31.00**
Chemoclor Liquid	**For professional use only. Not for sale to the public. Liquid chlorine.** Liquid disinfectant with scale sequestrant, prevents limescale deposits. Used with a dosing pump. 12-15% active chlorine. Complies with EN NF 15077.	0.1 L/10 m³	Container of 24 kg	1	0587025CFR	**CHLOR25***	**37.00**
			Full pallet (24 bidons)	24	0587025CFR	**CHLOR25***	**35.15**
Kalk Stabilisator	Unstabilized chlorine granules. Prevents over-stabilization. 70% active chlorine. Calcium hypochlorite 100%, complies with EN NF 15796.	700 mL/ 20 L Liquid Chlorine	Container of 1 L	6	1106001D01	**TICALSQ1**	**Contact us**
Chemoclor Granules	Unstabilized chlorine granules. Prevents over-stabilization. 70% active chlorine. Calcium hypochlorite 100%, complies with EN NF 15796.	70 g/10 m³	Bucket of 1 kg	6	0401001CFR	**HYPO1**	**16.00**
			Bucket of 5 kg	4	0401005CFR	**HYPO5**	**52.00**
			Bucket of 25 kg	1	0401025CFR	**HYPO25**	**225.00**
Calcium Hypochlorite Tablet 7 g Quasar	Unstabilized chlorine in 7 g tablets, containing a calcium sequestrant. Special for dosing stations. Calcium hypochlorite containing 70% active chlorine. Complies with EN NF 15796.	-	Bucket of 25 kg	1	0410025	**HYPOAC25**	**280.00**
Calcium Hypochlorite stick 300 g Quasar	Unstabilized chlorine in 300 g sticks, containing a calcium sequestrant. Calcium hypochlorite containing 70% active chlorine. Complies with EN NF 15796.	1 stick 300 g/25 m³	Bucket of 4.5 kg	1	0408005	**TAB5**	**72.00**
CHLORINE STABILIZER							
Stabilisator Granules	Chlorine stabilizer granules. Reduces chlorine degradation from UV rays. 100% isocyanuric acid.	250 g/10 m³	Box of 1 kg	6	0520001CFR	**STAB1**	**13.00**
			Bucket of 5 kg	4	0520005CFR	**STAB5**	**45.00**
			Bucket of 25 kg	1	0520025CFR	**STAB25**	**202.00**

WATER CARE
DISINFECTION





USE BIOCIDES SAFELY.
ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF. MANUFACTURER	REF.	UNIT PRICE EXCL. VAT OF THE CONTAINER
BROMINE: LOW ODOR, LESS SENSITIVE TO HIGH TEMPERATURES, IDEAL FOR INDOOR POOLS AND SPAS							
LONG-LASTING TREATMENT							
Chemobrome 20 g	Slow-release Bromine Tablet 20 g. Slow-diffusion disinfectant. BCDMH 100%	1 to 2 tablets/m³	Box of 1 kg	6	0580001CFR	**BROM1**	**28.00**
			Bucket of 5 kg	1	0580005CFR	**BROM5**	**100.00**
SHOCK TREATMENT							
Chemobrome Régénérator	Shock Bromine Granules. Bromine activator, also compatible with chlorine. Regenerates residues into active bromine. Potassium Monopersulfate 100%, compliant with EN NF 16380.	200 g/10 m³	Box of 1 kg	6	0581001CFR	**SHOC1**	**23.00**
			Bucket of 5 kg	4	0581005CFR	**SHOC5**	**96.00**
CHLORING AND BROMINE NEUTRALIZER							
Chlorkill Granules: Chlorine Neutralizer	Chlorine and Bromine Neutralizer Granules. Reduces or eliminates chlorine as well as active bromine, suitable in case of accidental overdose. Sodium Thiosulfate 100%, compliant with EN NF 16399.	10 g/10 m³ per mg/L of active chlorine	Box of 1 kg	6	0585001CFR	**NEUTRAL**	**12.50**
ODORLESS AND RESIDUE-FREE ACTIVE OXYGEN							
LONG-TERM TREATMENT							
Combi Liquid O2: All-in-One Liquid Active Oxygen	**For retail sale.** Active oxygen and non-foaming algaecide liquid. Disinfectant and algaecidal action, particularly suitable for the treatment of covered pools. Contains Hydrogen Peroxide 11.90%, compliant with EN NF 16400.	1 L/10 m³ each week	Container of 22 kg	1	0593120CFR	**COMBIO2P**	**60.00**
TRAITEMENT CHOC							
Chemotop O2: Shock Active Oxygen	**For professional use only. Not for retail sale.** Shock Active Oxygen Liquid. Ultra-fast disinfectant. Hydrogen Peroxide 35%, compliant with EN NF 16400	1 L/10 m³	Container of 5 L	4	0596005CFR	**OXYCHOC***	**25.00**
Chemotop O2: Shock Active Oxygen	**For retail sale.** Shock Active Oxygen Liquid for retail sale. Ultra-fast disinfectant. Hydrogen Peroxide 11.90%, compliant with EN NF 16400.	1 to 2 L/10 m³	Container of 5 L	4	0596105CFR	**OXYCHOCP5**	**16.00**

INFOS

Please refer to pages 284 to 286 for CLP labels (regulation on classification, labeling, and packaging of chemical products).

WATER CARE

ALGAE CONTROL





USE BIOCIDES SAFELY.
ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF. MANUFACTURER	REF.	UNIT PRICE EXCL. VAT OF THE CONTAINER
STANDARD TREATMENT							
Algen Ex	Standard Algaecide.	0.1 L/10 m³ every 2 weeks	Container of 1 L	6	0604001CFR	**ALGEX1**	**6.00**
			Container of 5 L	2	0604005CFR	**ALGEX5**	**20.00**
			Container of 20 kg	1	0604020CFR	**ALGEX20**	**65.00**
HIGH PERFORMANCE TREATMENT							
Alba Super K	Algaecide, preventive and curative, non-foaming with clarifying effect, broad spectrum of activity. Suitable for counter-current swimming systems and spas.	0.1 L/10 m³ every 2 weeks	Container of 1 L	6	0610001CFR	**ALG1**	**7.80**
			Container of 5 L	2	0610005CFR	**ALG5**	**21.50**
SPECIFIC TREATMENT FOR STUBBORN ALGAE							
Chloroxygen Shock Granules	Flash Recovery Algaecide for Pink, Brown, and Mustard Algae. High-efficiency shock treatment: chlorine + active oxygen.	150 g/10 m³	Box of 1 kg	6	0513701CFR	**ALGCHOC1**	**15.00**
			Bucket of 3 kg	4	0513703CFR	**ALGCHOC3**	**35.00**
WINTERIZING TREATMENT							
WinterFit	Complete Winterizing. Prevents algae growth, even the most resistant types. Prevents crystallization and lime deposits during the winter. Anti-metals.	0.3 L/10 m³	Container of 1 L	6	0702001CFR	**PUR1**	**9.10**
			Container of 5 L	2	0702005CFR	**PUR5**	**33.00**
			Container of 20 kg	1	0702020CFR	**PUR20**	**118.00**

PRO HINT

Mustard algae are becoming increasingly common and difficult to remove.
The use of Chloroxygen Shock Granules, after a filter descaling, will destroy them permanently and prevent their reappearance.

WATER CARE
FLOCCULATION

MADE IN GERMANY

LivePool FEATURE





- There is a constant formation of fine turbidity in swimming pools that does not settle on the pool floor, but floats in the water.
- Flocculants enclose these particles so that they can be filtered out; i.e. the particles/flakes are collected in the filter and can then be removed during backwashing.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF. MANUFACTURER	REF.	PRICE € EXCL. VAT
FLOCCULATION							
FlockFix Liquid	Universal Flocculant. Traps suspended particles. Forms large flakes very quickly, retained by the filter medium. Compliant with EN NF 15031.	0.1 L/10 m³	Container of 1 L	6	0901001CFR	**FLOCUL1**	**6.00**
			Container of 5 L	2	0901005CFR	**FLOCUL5**	**16.40**
			Container of 20 L	1	0901020CFR	**FLOCLIQ20**	**55.80**
FlockFix	Long-lasting Flocculant in 125 g cartridges. Traps suspended particles. Forms large flakes very quickly, retained by the filter medium. Slow diffusion. Compliant with EN NF 15031.	1 cartridges/ 40 m³	Boxes of 8 cartridges of 125 g	12	0908001CFR	**FLOC**	**8.10**
FlockFix LowPhos	Reduces phosphate levels (a nutrient for algae) by removing them through aggregation on filters (sand and cartridges). Keeps the water clear.	0.05 L/10 m³	Container of 1 L	6	0918001CFR	**FLOCLOW1**	**16.00**

INFO

Please refer to pages 284 to 286 regarding CLP labels (regulation on classification, labeling, and packaging of chemical products)

PRO HINT

The phosphates present in the water are linked to external pollution (agricultural fertilizers, decomposition of plant matter in the water...) and become a nutrient for algae and bacteria. It is essential to measure and eliminate them (Flockfix LowPhos) in order to limit algae growth during the season.

WATER CARE

CLEANING/MAINTENANCE





- Swimming pools are always exposed to environmental influences and different types of contamination.
- To assist you in maintaining your pool and conserving its value, we offer products that have proven in the public sector for decades.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF. MANUFACTURER	REF.	UNIT PRICE EXCL. VAT OF THE CONTAINER
MAINTENANCE							
Pierre Clin	Cleaner for pavings, wood, fences... Preventive and curative action against algae, moss, and lichens, concentrated product to be diluted at 10%.	1 L/10 L (10%)	Container of 5 L	2	1606005CFR	**RAVIV5**	**37.00**
Polyester Descaler	Polyester descaler, cleans and descalers hulls, shutters, coatings, covers, and PVC tarps.	Pure or 3 L/10 L(30%)	Container of 1 L	6	1094001CFR	**DIS1**	**8.00**
Shutter Cleaner	Shutter descaling cleaner.	Pure	Container of 5 L	2	1096005CFR	**DIS5**	**36.00**
CLEANING							
Randklar Gel S	Thick waterline cleaning gel, degreases and descalers.	Pure	Container of 1 L	6	1103101CFR	**GELS**	**15.00**
Compactal Gel	Thick acid cleaning gel. Degreases and descalers	Pure	Container of 10 kg	1	1103110CFR	**GELS10**	**115.00**
Electrode Cleaner	Electrode descaling cleaner, ready to use.	Pure	Container of 1 L	6	1335001CFR	**CELLNET**	**13.20**
Filter Net Liquid	Cleaner and descaler for all types of filters, including cartridge and diatomaceous filters.	0.2 L/10 m^3 or 10% (diatomaceous cartridges)	Container of 1 L	6	1093001CFR	**CLEAN1**	**19.00**
			Container of 10 kg	1	1093010CFR	**FILTERNET**	**105.00**
Flisan	Concentrated degreasing cleaner for all surfaces.	0.1 L/10 L (1%)	Container of 10 kg	1	1109010CFR	**FLISAN10**	**60.00**
Banisol G	Concentrated Descaling Cleaner: intensive descaler for removing stubborn deposits of lime, scale, rust, and algae, without damaging surfaces.	Regular use : 0.5 L/10 L (5%)	Container of 10 kg	1	1333010CFR	**BANISOLG**	**65.00**
Banisol S	Liquid Acid Detergent Cleaner, for the removal of dirt and mineral deposits, scale, and rust.	Pure or 1 L/10 L (10%)	10 kg	1	1330010CFR	**BANISOLS**	**55.00**
Multisan	Liquid Acid Detergent Cleaner, multifunctional for the removal of dirt and limestone and mineral deposits.	0.1 L/10 L (1%)	10 kg	1	1021010CFR	**DISC10**	**70.00**

INFO

Some of those products need specific local registrations. For further information, please contact CF group Deutschland to obtain the list and references of the available products which can be sold in your country.

WATER CARE

SPECIALITY PRODUCTS

MADE IN GERMANY





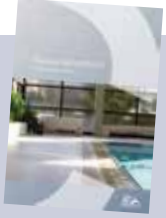
- Swimming pools and water treatment can pose special challenges time and again.
- We have developed products for common problems that provide a fast and lasting solution in these special cases.

PRODUCT	DESCRIPTION	TREATMENT DOSE	UNIT	PACK. UNITS	REF. MANUFACTURER	REF.	PRICE € EXCL. VAT
Anti-Foam	Too much cleaning agent in the pool? Or did you use a high foaming algaecide? No problem!	2 to 3 lids/m^3	1 L	6	**3804001C**	**AMOUSSE**	**10.90**

INFOS

REQUEST OUR CLEANING MANUAL
Swimming pool water is exposed to constant change and should be checked regularly once or twice a week.

CLP CLASSIFICATION AND LABELLING
Please observe the hazard categories and classes and the hazard characteristics of the products shown on p. 284 to 286.



WATER CARE

PRODUCT RANGE FOR SPAS, SAUNAS, AND HAMMAMS

A complete line for the maintenance of spas, saunas, and hammams

MADE IN GERMANY

CF TRUST PRODUCT

CHEMOFORM

INFOS

Please refer to pages 284 to 286 regarding CLP labels (regulation on classification, labeling, and packaging of chemical products)

USE BIOCIDES SAFELY.
ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

PRODUCT	FUNCTION	USAGE DOSE	CONTAINER SIZE	ONLY BY BATCH	REF.	PRICE € EXCL. TAX
SPAS PRODUCTS						
WATER BALANCE						
TAC Plus	Alkalinity Increaser.	17 g/m³	Box of 1 kg	6	**TAC1**	**11.00**
pH Minus Granulat	pH Decrease Corrector. Sodium Bisulfate 100%, compliant with EN NF 16038.	7.5 g/m³	Box of 1.5 kg	6	**MIN1**	**7.80**
pH Plus Granulat	pH Increase Corrector. Soda Ash 100%, compliant with EN NF 15362.	7.5 g/m³	Box of 1 kg	6	**PLUS1**	**7.80**
DISINFECTANTS						
T-tablet Choc 20 g	Stabilized Chlorine Shock Tablets 20 g. 50% active chlorine.	1/2 m³	Box of 1 kg	6	**CMP1**	**10.00**
T-Granulat 65	Stabilized Chlorine Shock Granules. Ultra-fast disinfection. 56% active chlorine. Sodium Dichloroisocyanurate 100%, compliant with EN NF 15073.	10 g/m³	Box of 1 kg	6	**GRA1**	**12.00**
T-Tablet Multifunction 20 g	Slow-release Multi-function Chlorine Tablets. 20 g tablets. Quadruple action (disinfection, stabilization, algaecide, and flocculation), specially designed for above-ground pools or small pools. 83% active chlorine. 92% Trichloroisocyanuric acid.	1 tablet/2 m³ every week.	Box of 1 kg	6	**MINI1**	**16.00**
T-Slow-Release Tablet 20 g	Stabilized Slow-Release Chlorine Tablets 90/20 g. Long-lasting disinfection. 83% active chlorine. 92% Trichloroisocyanuric acid.	1 tablet/2 m³ every week.	Box of 1 kg	6	**CMPL1**	**15.90**
Chemobrome 20 g	Slow-release Bromine Tablets 20 g. Slow-diffusion disinfectant. BCDMH 100%.	1 to 2 tablets/m³	Box of 1 kg	6	**BROM1**	**28.00**
Activator Aquablanc	Active Oxygen Activator and Non-Foaming Algaecide. Enhances the effectiveness of active oxygen disinfection and prevents algae growth.	20 mL/m³	Container of 1 L	6	**ACTIVOXY**	**13.60**
Aquablanc Tablet	20 g Tablets of Rapid-Dissolving Active Oxygen.	1 tablet/m³ every week.	Box of 1 kg	6	**OXYSPA**	**23.00**
ALL TYPES OF FILTER CLEANER						
Filter Net Liquid	Cleaner and Descaler for All Types of Filters, including Cartridge and Diatomaceous Filters.	20 mL/m³ ou 10% (cartouche. diatomées)	Container of 1 L	6	**CLEAN1**	**19.00**
SAUNA AND HAMMAM CLEANERS						
Cleaner Hammam	Mild degreasing cleaner. concentrated, to be diluted.	0.3 L/10 L (3%)	Container of 1 L	1	**HAMMAM**	**9.20**
Cleaner Sauna	Liquid cleaner for all sauna cabins.	0.5 L/10 L (5%)	Container of 1 L	1	**SAUNA**	**7.05**
NETTOYANTS SAUNA HAMMAM						
Anti-Foam	Eliminates excess foam and froth.	2 to 3 caps/m³ or pure when spraying on formed foam	Container of 1 L	6	**AMOUSSE**	**10.90**
Calzestab F+	Anti-scale and anti-metal. Prevents precipitation and deposits of lime and metal salts (iron, manganese, copper, etc.).	20 mL/m³	Container of 1 L	6	**TICAL1**	**7.50**
Pipe Cleaner	Cleaner for spa and whirlpool bath piping. Removes greasy deposits, bacteria, and germs, known as 'biofilm,' embedded throughout the entire piping system of whirlpool tubs.	0.5 L/m³	Container of 1 L	6	**TUYO**	**20.00**

WATER CARE

WATER BALANCE

MADE IN GERMANY





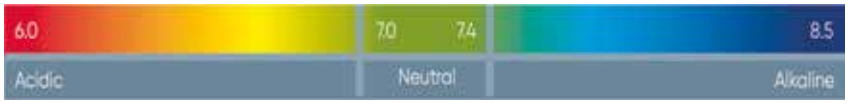
- An optimum water maintenance in pools is not possible without a proper adjustment of the pH level.
- The ideal level is between 7.0 (neutral point) and 7.4. Maintaining these values ensures your well-being, and conserves the long-term value of your pool.
- You should check the pH level in your pool water at least once a week.

PRODUCT	DESCRIPTION	TREATMENT DOSE	UNIT	PACK. UNITS	REF.	PRICE € EXCL. VAT
Delphin® pH-Minus Granulat	Fast dissolving granules to lower the pH value. EN 16038 complian.t	75 g/10 m^3 to decrease the pH by 0.1 unit	1,5 kg	6	**0811001D**	**Contact us**
			5 kg	4	**0811005D**	**Contact us**
			15 kg	1	**0811015D**	**Contact us**
Delphin® pH-Minus Flüssig	Acid concentrate 15%, free of hydrochloric acid, to lower the pH level, preferably added via a dosing system. EN 15078 compliant.	0.1 to 0.2 L/10 m^3 to decrease the pH by 0.1 unit	20 kg	1	**0810028D**	**Contact us**
Delphin® pH-Minus Flüssig	Acid concentrate 50%, free of hydrochloric acid, to lower the pH level, preferably added via a dosing system. EN 15078 Compliant	0.1 L/10 m^3 to decrease the pH by 0.1 unit	25 kg	1	**0816025D**	**Contact us**
Delphin® pH-Plus Granulat	Fast dissolving granules to raise the pH value. EN 15362 compliant.	100 g/10 m^3 to increase the pH by 0.2 unit	1 kg	6	**0802001D**	**Contact us**
			5 kg	2	**0802005D**	**Contact us**

INFOS

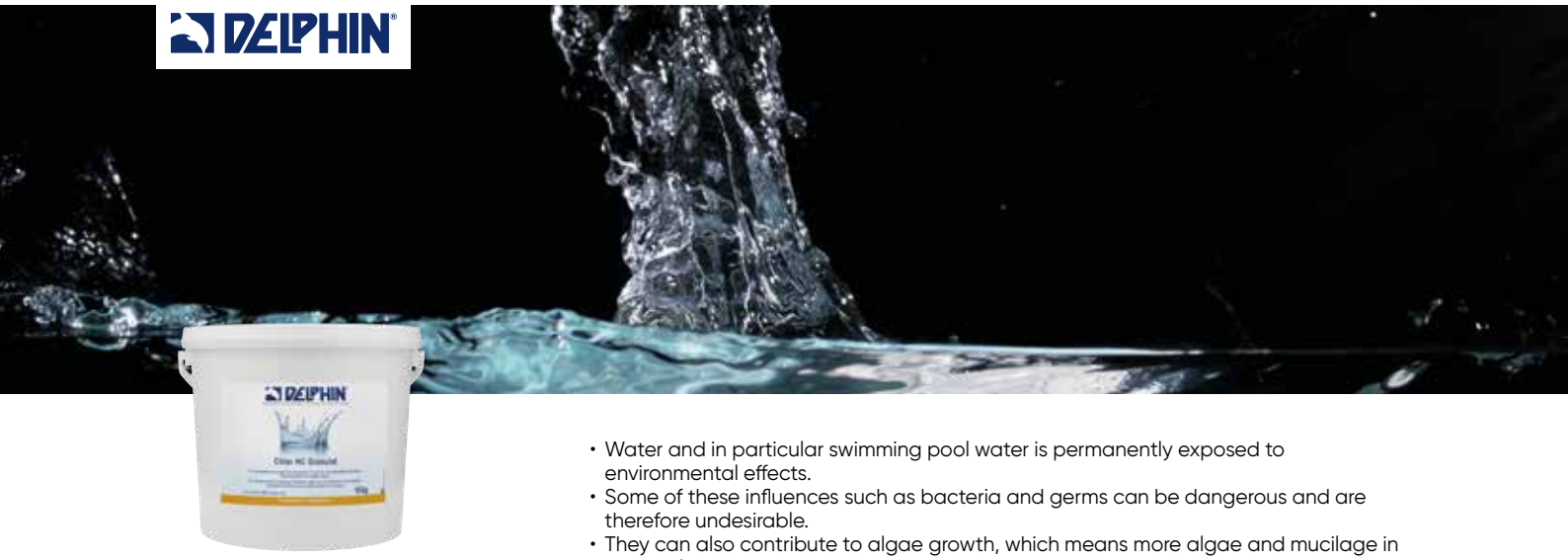
CLP CLASSIFICATION AND LABELLING
Please observe the hazard categories and classes and the hazard characteristics of the products shown p. 284 to 286.

Those products need specific local registrations. For further information, please contact CF group Deutschland to obtain the list and references of the available products which can be sold in your country.



WATER CARE

DISINFECTION



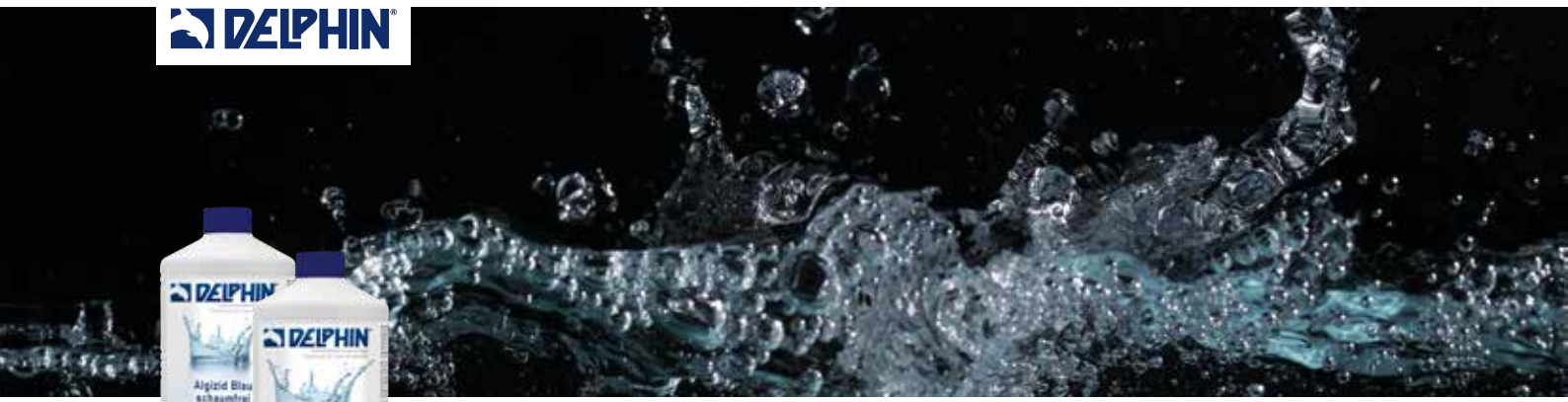
- Water and in particular swimming pool water is permanently exposed to environmental effects.
- Some of these influences such as bacteria and germs can be dangerous and are therefore undesirable.
- They can also contribute to algae growth, which means more algae and mucilage in the pool water.
- Our wide range of disinfectants includes products with or without chlorine.
- They guarantee a high level of hygiene and a top quality of your pool water.

USE BIOCIDES SAFELY. ALWAYS READ THE LABEL AND PRODUCT INFORMATION BEFORE USE.

INFO

WATER ANALYSIS
Swimming pool water is exposed to constant change and should be checked regularly once or twice a week.

ALGAE PREVENTION



- Algae are microorganisms that can provide a growth medium for all kinds of germs and bacteria.
- With the correct dosing, Delphin® anti-algae chemicals prevent this in advance, and ensure an unclouded bathing pleasure.

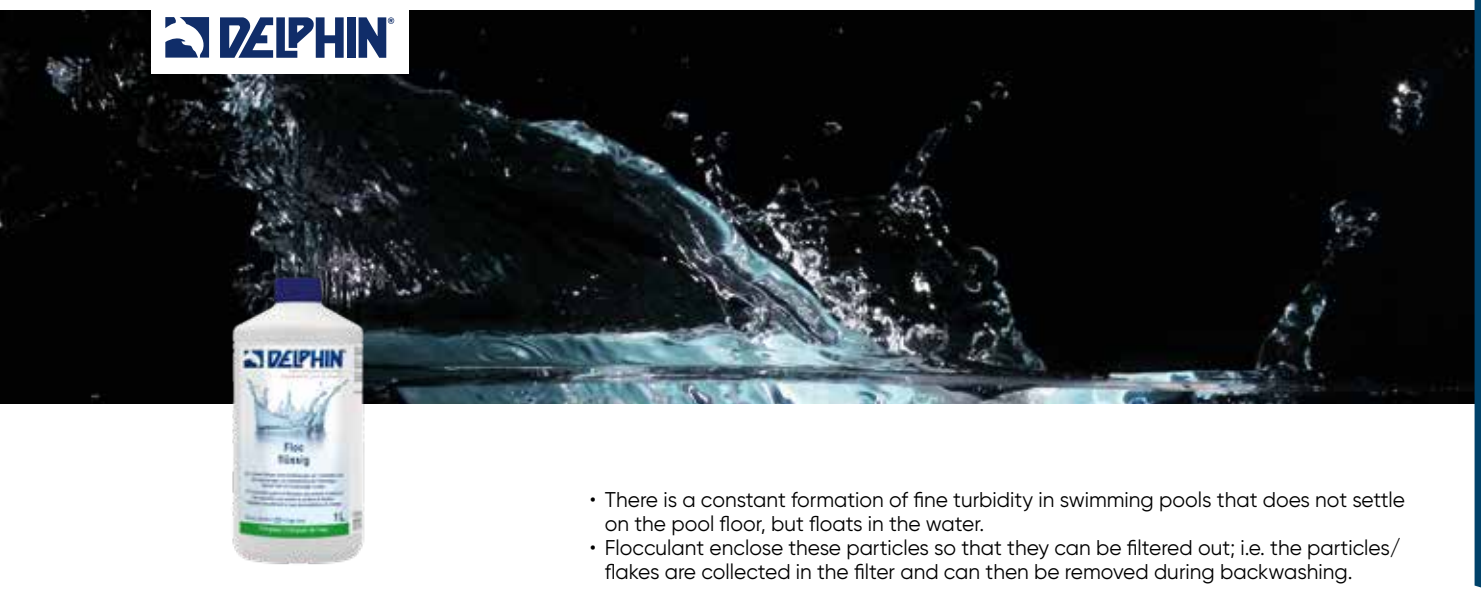
INFO

Those products need specific local registrations. For further information, please contact CF group Deutschland to obtain the list and references of the available products which can be sold in your country.

WATER CARE

FLOCCULATION

MADE IN GERMANY



- There is a constant formation of fine turbidity in swimming pools that does not settle on the pool floor, but floats in the water.
- Flocculant enclose these particles so that they can be filtered out; i.e. the particles/ flakes are collected in the filter and can then be removed during backwashing.

PRODUCT	DESCRIPTION	TREATMENT DOSE	UNIT	PACK. UNITS	REF.	PRICE € EXCL. VAT
Delphin® Flock Flüssig	For continuous flocculation via dosing equipment or manual addition directly into the pool water. EN 15031 compliant.	0,1 L/10 m^3	1 L	6	**0901001D**	**Contact us**
			20 kg	1	**0901020D**	**Contact us**
Delphin® Superflock Cartridges 8 x 125 g	For continuous flocculation in swimming pools with sand filter system. EN 15031 compliant.	1 cartridge/50 m^3	1 kg	12	**0908001D**	**Contact us**
Delphin® Multiflock Bio - free of aluminium	Biodegradable flocculant. Forms particularly large and absorptive "flakes", so that oily films from sunscreens or metal salts can be removed from the water.	0,1 L/10 m^3 every 2 weeks	1 L	6	**0913001D**	**Contact us**
Delphin® Flockfix LowPhos - free of aluminum	Binds phosphates and and makes it easy to remove them by filtration. By depriving algae of nutrients, the cycle is interrupted.	50 mL/ 10 m^3	1 L	6	**0918001D**	**Contact us**
			3 L	3	**0918003D**	**Contact us**

INFOS

CLP CLASSIFICATION AND LABELLING
Please observe the hazard categories and classes and the hazard characteristics of the products shown on p. 284 to 286.

DELPHIN® FLOCCULANT
Delphin® Multiflock Bio has been specifically developed to meet today's requirements for sustainability and environmental compatibility, and is not based on aluminum salts.

WATER CARE

CLEANING/MAINTENANCE



- Swimming pools are always exposed to environmental influences and different types of contamination.
- To assist you in maintaining your pool and conserving its value, we offer products that have proven in the public sector for decades.

PRODUCT	DESCRIPTION	TREATMENT DOSE	UNIT	PACK. UNITS	REF.	PRICE € EXCL. VAT
CLEANING OF POOL EDGES						
Delphin® Cleaner A Special	Highly concentrated alkaline cleaner to remove fatty deposits.	0,1 L/10 L (10%)	1 L	6	**1109001D**	**Contact us**
Delphin® Cleaner A Gel	Viscous alkaline cleaner to remove fatty deposits.	Pure	1 L	6	**1108101D**	**Contact us**
BASIC CLEANING/REMOVAL OF LIMESCALE						
Delphin® Cleaner S Special	Highly concentrated acid cleaner. For removal of limescale.	0,1 L/10 L (10%)	1 L	6	**1001001D**	**Contact us**
			3 L	4	**1001003D**	**Contact us**
Delphin® Liner Cleaner	Alkaline basic and maintenance cleaner for plastics and furniture (except wood).	From 0,3 L/10 L (3%) to 3 L/10 L (30%)	1 L	6	**1100001D**	**Contact us**
STABILISATION OF HARDNESS						
Delphin® Hardness Stabilizer	Liquid, prevents scale and precipitatio of hardness in swimming pools.	0,.2 L / 10 m^3	1 L	6	**1106001D**	**Contact us**

INFO

Some of those products need specific local registrations. For further information, please contact CF group Deutschland to obtain the list and references of the available products which can be sold in your country.

WATER CARE

SPECIALITY PRODUCTS

MADE IN GERMANY



- Swimming pools and water treatment can pose special challenges time and again.
- We have developed products for common problems that provide a fast and lasting solution in these special cases.

PRODUCT	DESCRIPTION	TREATMENT DOSE	UNIT	PACK. UNITS	REF.	PRICE € EXCL. VAT
Delphin® Metal Ex	For removal and binding of metal ions in water, e.g. when using well water.	0.3 L/10 m^3	1 L	6	**1091001D**	**Contact us**
			3 L	4	**1091003D**	**Contact us**
Delphin® pH-Stabil Granulat	To increase the acid capacity (alkalinity).	160 g/10 m^3 to increase by 10 ppm	1 kg	6	**0803001D**	**Contact us**
			3 kg	4	**0803003D**	**Contact us**
Delphin® Filterreiniger (Filter Cleaner) Flüssig	Removes organic deposits and other impurities from filters.	0.3 L/10 m^3 or 10% (1 L/10 L) for cartridge	1 L	4	**1093001D**	**Contact us**
Delphin® Rollladenreiniger Flüssig (cover cleaner)	Easy removal of limescale from pool covers and other surfaces.	Pure; 1 L treats 10 m^2	1 L	4	**1092001D**	**Contact us**
			5 L	2	**1092005D**	**Contact us**

INFOS

CLP CLASSIFICATION AND LABELLING
Please observe the hazard categories and classes and the hazard characteristics of the products shown on p. 284 to 286.

Some of those products need specific local registrations. For further information, please contact CF group Deutschland to obtain the list and references of the available products which can be sold in your country.

WATER CARE

SPA AND SPA TUB CARE

MADE IN GERMANY



- The Delphin® Spa water care program has been specifically developed for the special requirements in spa and spa tubs.
- In addition to water treatment products, the range includes cleaning agents, spa fragrances and accessories.
- There are practical pre-portioned sachets available as well for 800 L to 2 400 L pools.

PRODUCT	DESCRIPTION	TREATMENT DOSE	UNIT	PACK. UNITS	REF.	PRICE € EXCL. VAT
FOR MANUAL DOSING						
Delphin® Spa Hardness and Metal Stabilizer	-	30 mL/m³	1 L	6	**4532001DSPA**	**Contact us**
Delphin® Spa pH-Minus Granulat	-	7,5 g/m³ to decrease the pH by 0.1 unit	1,5 kg	6	**4581001DSPA**	**Contact us**
Delphin® Spa pH-Plus Granulat	-	10 g/m³ to increase the pH by 0.2 unit	1 kg	6	**4584001DSPA**	**Contact us**
Delphin® Spa Antifoaming Agent	-	2 to 3 lids/m³	1 L	6	**4531001DSPA**	**Contact us**
Delphin® Spa Gel Cleaner - Fat Dissolving	-	Pure	1 L	6	**1108101DSPA**	**Contact us**
Delphin® Spa Gel Cleaner - Scale Dissolving	-	Pure	1 L	6	**4543001DSPA**	**Contact us**
Delphin® Spa Whirlpool Tub Pipe Cleaner	-	Pure	1 L	6	**4550001DSPA**	**Contact us**
SPA FRAGRANCES						
Delphin® Spa Whirlpool Fragrance	Coco/Vanilla		0,25 L	1	**1423002DSPA**	**Contact us**
Delphin® Spa Whirlpool Fragrance	Wild strawberries		0,25 L	1	**1424002DSPA**	**Contact us**
Delphin® Spa Whirlpool Fragrance	Citronella		0,25 L	1	**1425002DSPA**	**Contact us**
Delphin® Spa Whirlpool Fragrance	Pine		0,25 L	1	**1422002DSPA**	**Contact us**
Delphin® Spa Whirlpool Fragrance	Eucalyptus		0,25 L	1	**1435002DSPA**	**Contact us**
Delphin® Spa Whirlpool Fragrance	Lemon Garden		0,25 L	1	**4513002DSPA**	**Contact us**
Delphin® Spa Whirlpool Fragrance	Rose		0,25 L	1	**1657002DSPA**	**Contact us**
Delphin® Spa Whirlpool Fragrance	Lavender		0,25 L	1	**1660002DSPA**	**Contact us**
SPA ACCESSORIES						
Delphin® Spa scoop	Scoop		-	1	**2800100HC**	**Contact us**
Delphin® Spa brush	Cleaning brush		-	1	**2800101HC**	**Contact us**
Delphin® Spa waterwand	Cleaning aid for filter cartridges with connection to garden hose		-	1	**2800102HC**	**Contact us**
Delphin® Spa disc	Collects fats and oils from the water surface		-	1	**2800103HC**	**Contact us**

INFOS

CLP CLASSIFICATION AND LABELLING
Please observe the hazard categories and classes and the hazard characteristics of the products shown on p. 284 to 286.

Some of those products need specific local registrations. For further information, please contact CF group Deutschland to obtain the list and references of the available products which can be sold in your country.

CHEMICAL PRODUCTS

WORDING OF THE H-PHRASES

H-/EUH-PHRASES	WORDING
H226	Flammable liquid and vapour
H290	May be corrosive to metals
H302	Harmful if swallowed
H314	Causes severe skin burns and eye damage
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H318	Causes serious eye damage
H319	Causes serious eye irritation
H335	May cause respiratory irritation
H400	Very toxic to aquatic life
H411	Toxic to aquatic life with long lasting effects
*	This product is not a hazardous substance/mixture according to EU Regulation 1272/2008 (CLP). Nevertheless, we recommend to take the usual safety precautions when handling chemicals - protect eyes and skin.

CHEMICAL PRODUCTS

CLP CLASSIFICATION AND LABELING

REFERENCE	PRODUCT NAME	H-PHRASES	HAZARD CLASSES AND CATEGORIES	SIGNALWORD	PICTOGRAM
0801025C	pH-plus Flüssig 25 kg	H290 H314		DANGER	
0802001C	pH-Plus Granulat 1 kg	H319	Eye Irrit. 2	WARNING	
0802003C	pH-Plus Granulat 3 kg				
0802005C	pH-Plus Granulat 5 kg				
0802001D	Delphin® pH-Plus Granulat 1 kg				
0802005D	Delphin® pH-Plus Granulat 5 kg				
0803001D	Delphin® pH-Stabil Granulat 1 kg	•			
0803003D	Delphin® pH-Stabil Granulat 3kg				
0805001C	Tac Plus 1 kg	•			
0805005C	Tac Plus 5 kg				
0816025C	pH-Minus Flüssig 25 kg	H290 H314	Skin Corr. 1A Eye Dam. 1 Met.Corr. 1	DANGER	
0816035C	pH-Minus Flüssig 35kg				
0816025D	Delphin® pH-Minus Flüssig 25 kg				
0810020D	Delphin® pH-Minus Flüssig 20 kg	H290 H315 H319	Met. Corr. 1 Skin Irrit. 1 Eye Irrit. 2	WARNING	
0811001C	pH-Minus Granulat 1.5 kg	H318	Eye Dam. 1	DANGER	
0811005C	pH-Minus Granulat 5 kg				
0811015C	pH-Minus Granulat 15 kg				
0811025C	pH-Minus Granulat 25 kg				
0811001D	Delphin® pH-Minus Granulat 1.5 kg				
0811005D	Delphin® pH-Minus Granulat 5 kg				
0811015D	Delphin® pH-Minus Granulat 15 kg				
0860003C	TH+ 3 kg	H317	Eye Irrit. 2	WARNING	
0901001C	Flockfix Fflüssig 1 L	•			
0901020C	Flockfix Fflüssig 20 kg				
0901001D	Delphin® Flock Flüssig 1 L				
0901020D	Delphin® Flock Flüssig 20 kg				
0907001C	Flockfix Granulat 1 kg	H318	Eye Dam. 1	DANGER	
0908001C	Flockfix Cartridges 8 x 125 g = 1 kg	H318	Eye Dam. 1	DANGER	
0908001D	Delphin® Superflock Cartridges 8 x 125 g = 1 kg				
0918001D	Delphin® Flockfix LowPhos 1 L	H315 H319		WARNING	
0918003D	Delphin® Flockfix LowPhos 3 L				
0913001C	Flockfix Bio 1 L	•			
0913001D	Delphin® Multiflock Bio 1 L				

CHEMICAL PRODUCTS

CLP CLASSIFICATION AND LABELING

REFERENCE	PRODUCT NAME	H-PHRASES	HAZARD CLASSES AND CATEGORIES	SIGNALWORD	PICTOGRAM
1109001C	Flisan 1 L	H314 H290		DANGER	
1109001D	Delphin® Cleaner A Special 1 L				
1108101C	Cleaner A Gel 1 L	H314		DANGER	
1108101D	Delphin® Cleaner A Gel 1 L				
1001001C	Compactal 1 L	H290 H314 H335		DANGER	
1001003C	Compactal 3 L				
1001001D	Delphin® Cleaner S Special 1 L				
1001003D	Delphin® Cleaner S Special 3 L				
1100001C	Potz 000 1 L	H226 H315 H318		DANGER	
1100001D	Delphin® Liner Cleaner 1 L				
1106001D	Delphin® Hardness Stabilizer 1 L	*			
1091001C	Metal Ex 1 L	H290 H314		DANGER	
1091003C	Metal Ex 3 L				
1091001D	Delphin® Metal Ex 1 L				
1091003D	Delphin® Metal Ex 3 L				
1330010C	Banisol S 10 kg	H314		DANGER	
0585001C	Chlor-Stopp 1 kg	*			
1023001C	Stainless Steel Cleaner 1 L	H226 H314		DANGER	
1093001C	Filter Cleaners 1 L	H314		DANGER	
1093001D	Delphin® Filterreiniger (Ffilter Ceaner) Flüssig 1 L				
1092001C	Rollladenreiniger (Cover Cleaner) 1 L	H302 H314		DANGER	
1092005C	Rollladenreiniger (Cover Cleaner) 5 L				
1092001D	Delphin® Rollladenreiniger Flüssig (Cover Cleaner) 1 L				
1092005D	Delphin® Rollladenreiniger Flüssig (Cover Cleaner) 5 L				
1105001C	Calzestab Eisenex 1 L	*			
1105003C	Calzestab-Eisenex 3 L				
3804001C	Anti-Schaum (Anti-Foam) 1 L	*			
4532001DSPA	Delphin® Spa Hardness and Metal Stabilizer 1 L	*			
4581001DSPA	Delphin® Spa pH-Minus Granulat 1.5 kg	H318	Eye Dam. 1	DANGER	
4584001DSPA	Delphin® Spa pH-Plus Granulat 1 kg	H319	Eye Irrit. 2	WARNING	
4531001DSPA	Delphin® Spa Antifoaming Agent 1 L	*			

CHEMICAL PRODUCTS
CLP CLASSIFICATION AND LABELING

REFERENCE	PRODUCT NAME	H-PHRASES	HAZARD CLASSES AND CATEGORIES	SIGNALWORD	PICTOGRAM
1108101DSPA	Delphin® Spa Gel Cleaner - Fat Dissolving 1 L	H226 H314		DANGER	
4543001DSPA	Delphin® Spa Gel Cleaner - Scale Dissolving 1 L	H290 H314 H335 H400 H411		DANGER	
4550001DSPA	Delphin® Spa Whirlpool Tub Pipe Cleaner 1 L	H314 H400 H411		DANGER	
1423002DSPA	Delphin® Spa Whirlpool Fragrance Coco/ Vanilla 0.25 L	*			
1424002DSPA	Delphin® Spa Whirlpool Fragrance Wild Strawberries 0.25 L	*			
1425002DSPA	Delphin® Spa Whirlpool Fragrance Citronella 0.25 L	H318 H317 H411		DANGER	
1422002DSPA	Delphin® Spa Whirlpool Fragrance Pine 0.25 L	H317 H411		WARNING	
1435002DSPA	Delphin® Spa Whirlpool Fragrance Eucalyptus 0.25 L	H317		WARNING	
4513002DSPA	Delphin® Spa Whirlpool Fragrance Lemon Garden 0.25 L	H317 H411		WARNING	
1657002DSPA	Delphin® Spa Whirlpool Fragrance Rose 0.25 L	*			
1660002DSPA	Delphin® Spa Whirlpool Fragrance Lavender 0.25 L	H317		WARNING	

WATER CARE

ANALYSERS DELPHIN®

CF TRUST PRODUCT



PRODUCT	DESCRIPTION	PACK. UNITS	REF.	PRICE € EXCL. VAT
DELPHIN® WATER TESTS				
Delphin® Water Test Strips	(50 pcs.) pH/chlorine/bromine/alkalinity	12	**502010803DP**	**Contact us**
Delphin® pH/Chlorine Replacement Tablets	30 tablets each	12	**2306600DP**	**Contact us**
Delphin® pH/Oxygen Replacement Tablets	30 tablets each	12	**2306601DP**	**Contact us**
Delphin® pH/Chlorine Test Kit	20 tablets each	12	**2306756DP**	**Contact us**
Delphin® pH/Oxygen Test Kit	20 tablets each	12	**2306757DP**	**Contact us**
TOTAL HARDNESS AND CARBONATE HARDNESS				
Delphin® Measuring Kit for Total Hardness and Carbonate Hardness	-	1	**31500200**	**Contact us**
Delphin® Measuring Kit for Total Hardness	-	1	**31500400**	**Contact us**
POOLTESTERS				
Delphin® Pooltester Chlorine/pH Value	pH 6.8-8.2/Cl_2 0.1-3.0 mg/L	6	**42300756**	**Contact us**
Delphin® Refill Pack with DPD 1 and Phenol Red	30 tablets each	12	**42300600**	**Contact us**
Delphin® Pooltester Active Oxygen (O_2)/pH Value	pH 6.8-8.2/O_2 0-10 mg/L	6	**31501000**	**Contact us**
Delphin® Refill pack with DPD 4 and Phenol Red	30 tablets each	12	**31501200**	**Contact us**
Delphin® Pooltester Hydrogen Peroxide PHMB/pH Value	pH 6.8-8.2/H_2O_2 5-50 mg/L PHMB 10-100 mg/L	6	**2306758**	**Contact us**
Delphin® Refill Pack with Phenol Red, PHMB and H_2O_2	20 tablets each	1	**31501350**	**Contact us**
Delphin® Pooltester Bromine/pH Value	pH 6.8-8.2/Br_2 1.0-8.0 mg/L	6	**31500800**	**Contact us**
Delphin® Refill Pack with DPD 1 and Phenol Red	30 tablets each	12	**42300600**	**Contact us**
REAGENT TABLETS RAPID				
Delphin® Reagent Tablets phenol red - rapid	500 tablets	1	**31500102**	**Contact us**
Delphin® Reagent Tablets DPD 1 - rapid	500 tablets	1	**31500101**	**Contact us**
Delphin® Reagent Tablets DPD 3 - rapid	500 tablets	1	**31500103**	**Contact us**
Delphin® Reagent Tablets DPD 4 - rapid	500 tablets	1	**31500104**	**Contact us**
REAGENT TABLETS FOR PHOTOMETERS				
Delphin® Reagent Tablets Phenol Red (pH) - photometers	500 tablets	1	**31500112**	**Contact us**
Delphin® Reagent Tablets DPD 1 - photometers	500 tablets	1	**31500111**	**Contact us**
Delphin® Reagent Tablets DPD 3 - photometers	500 tablets	1	**31500113**	**Contact us**
Delphin® Reagent Tablets DPD 4 - photometers	500 tablets	1	**31500114**	**Contact us**
TEST STRIPS				
Delphin® 3-in-1 Test Strips, ph, free Cl/Br, Alkalinity	50 strips, pH 6.8-8.2/Cl 0-5/Alky 0-240	12	**31504600**	**Contact us**
Delphin® 3-in-1 Test Strips for Measurement of pH, Active Oxygen and Alkalinity	50 strips, pH 6.8-8.2/O_2 0-15/Alky 0-240	12	**31504602**	**Contact us**
Delphin® Test Strips for Salt 0-7000 NaCl	20 test strips	12	**31504604**	**Contact us**
Delphin® Multi-Pooltester 5-in-1 for Chlorine, pH, Cyanuric Acid, Alkalinity, Calcium Hardness	For 20 analysis each	1	**151900**	**Contact us**
Delphin® Refill Pack for Multitester 5-in-1	For 20 analysis each	1	**515985**	**Contact us**
Delphin® Test Kit Phosphate HR, 0-80 mg/L	For 30 analysis	1	**147250**	**Contact us**
Delphin® Refill Pack for Test Kit Phosphate	For 30 analysis	1	**147750**	**Contact us**

WATER CARE
ANALYSIS

WaterLink SpinTouch

LivePool FEATURE

2 years WARRANTY

► PHOTOMETER SPINTOUCH™



PRODUCT BONUS

+ Very easy to use.
+ Measures 11 parameters in 2 minutes.
+ Display on the device.
+ Built-in battery.
+ 6 analysis lenses.
+ Supplied with a carrying case.

SpinTouch™ measures 11 key analysis parameters:

- Free chlorine
- Total chlorine
- Bromine
- Total alkalinity
- pH
- Water hardness
- Copper level
- Iron level
- Stabilizer level
- Phosphate
- Salt

DESIGNATION	REF. MANUFACTURER	REF.	PRICE € EXCL. VAT
WaterLink® SpinTouch® with carrying case	3581-EU	**SPINTOUCH**	**2 557.80**
Cl/Br Disc with Phosphate and Salt (11 parameters), New series 203 (per 100 units)	4329-J(203)	**SPINCLBR100**	**554.60**
501 Test discs: 3x3 parameters chlorine, Br, pH (per 50 units)	LMP4334-H	**SPIN3X3CL**	**284.80**
3 mL Plastic syringe (per 3 units)	1189-3	**SERINGUE**	**46.50**
Calibration disc for WaterLink® Spin Touch®	1705-EU	**SPINDISK**	**190.00**
Universal Black disc cover (for WaterLink® SpinTouch®)	1719	**SPINCACHE**	**25.55**

CONSEIL PRO

Before using your photometer, check the alkalinity level (TAC) using a test strip and ensure that the level is at least 80 mg/l, otherwise you risk obtaining inaccurate test results.
SpinTOUCH is self-calibrating; it checks its own calibration with each test.
It also comes with a reusable meter check disc (MCD) that allows you to check the calibration.
We recommend that you check your device once a month.
If your device is faulty, please contact our After-Sales Service:
- If your device is under warranty (2 years from the date of purchase): the repair will be covered.
- If your device is no longer under warranty: your device will be sent for repair and you will be charged a flat fee of €200 excluding tax.

WATER CARE
ANALYSIS

MADE IN GERMANY

2 years WARRANTY

Laviband





PRODUCT BONUS

+ Brighter screen, more ergonomic instrument, more modern design.
+ New optics with increased accuracy and much faster reading (< 1 second, compared to 15-20 seconds on older models).
+ Available in 2 versions: 3-in-1 and 6-in-1.
+ New method for stabilizer (cyanuric acid) requiring no dilution.
+ Ideal for communities.
+ Hayward® Santoprene tube

► PHOTOMETER MD 150

- Professional photometric measuring device available in 2 versions:
  - 3-in-1: chlorine (free and total), pH, cyanuric acid.
  - 6-in-1: chlorine (free and total), pH, cyanuric acid, bromine, TAC, and TH.
- Comes with case, batteries, 3 cuvettes, brush, 1 syringe, mixer, and reagents for all programmed measurements (100 tests).
- Data recording including: method used, date, time, and result.
- Data transmission via NFC and/or USB-C cable.

DESIGNATION	REF.	PRICE € EXCL. VAT
MD150 3 in 1 photometer	**TKPC3**	**915.00**
MD150 6 in 1 photometer	**TKPC6**	**990.00**

PRO HINT

Before using your photometer, check the alkalinity level (TAC) using a test strip and ensure that the level is at least 80 mg/l, otherwise you risk obtaining incorrect analysis results. You can have your device checked at our branches and our after-sales service center. We recommend doing this once a year.

► REAGENTS FOR MD150 PHOTOMETER

DESCRIPTION*	PACKAGING	TKPC3 MD150 3 IN 1	TKPC6 MD150 6 IN 1	PRICE € EXCL. VAT
Stabilizer reagent	Box of 100 pills	**TKPCSTAB**	**TKPCSTAB**	**33.50**
DPD1 reagent	Box of 250 pills	**TKPCDPD1**	**TKPCDPD1**	**39.00**
DPD3 reagent	Box of 250 pills	**TKPCDPD3**	**TKPCDPD3**	**59.00**
pH reagent	Box of 250 pills	**TKPCPH**	**TKPCPH**	**35.00**
TAC reagent	Box of 100 pills		**TKPCTAC**	**88.30**
TH reagent	Box of 100 pills		**TKPCTH**	**90.00**

** The reagents for the MD200 are the same, except for the STABPIL stabilizer, available by special order.*

ACCESSORIES

DESIGNATION	REF.	MANUFACTURER REF.	PRICE € EXCL. VAT
Control kit TKPC3 TKPC6 MD150 / MD50	**KITCONTKPC36**	**215700**	**290.00**
Control kit TKPC2 MD100 / MD200	**KITCONTKPC5**	**215670**	**290.00**
Test tube with light shield for TKPC3 / TKPC6 / TKPC5	**EPROUV**	**197620**	**20.80**





WATER CARE
ACCESSORIES

CF TRUST PRODUCT

SKIMMERS

► SURFACE



- With squeegee.
- Sold individually or in a box of 12.

REF.	UNIT PRICE € PER BOX OF 12	PRICE € EXCL. VAT
ACSEPS	12.65	**13.75**

► BOTTOM



- With squeegee.
- Sold individually or in a box of 12.

REF.	UNIT PRICE € PER BOX OF 12	PRICE € EXCL. VAT
ACSEPF	11.75	**13.20**

BRUSH



- Sold individually or in a box of 12.

DESIGNATION	REF.	UNIT PRICE € PER BOX OF 12	PRICE € EXCL. VAT
Bottom and Wall Brush for Liner	**AGD-BALP**	10.95	**12.20**

FLOATING DISPENSER

► HIGH CAPACITY



- Sold individually or in a box of 12.

REF.	UNIT PRICE € PER BOX OF 6	PRICE € EXCL. VAT
200182	10.95	**11.95**

WATERLINE MAINTENANCE

► SPECIAL LINER SPONGE



- Sold individually or in a box of 12.

REF.	UNIT PRICE € PER BOX OF 12	PRICE € EXCL. VAT
200164	2.60	**2.90**

THERMOMETERS

► PLAT SUBMERSIBLE



- Sold individually or in a box of 12.

REF.	UNIT PRICE € PER BOX OF 24	PRICE € EXCL. VAT
200178	3.05	**3.25**

► FLOATING WITH BLACK BUOY



- Sold individually or in a box of 6.

REF.	UNIT PRICE € PER BOX OF 6	PRICE € EXCL. VAT
7000007ES	19.90	**22.25**

VACUUM CLEANER HEAD

► FOR LINER



- Sold individually or in a box of 8.

REF.	UNIT PRICE € PER BOX OF 6	PRICE € EXCL. VAT
200158	24.90	**27.60**

TELESCOPIC POLES



- Sold individually or in a box of 12.

NUMBER OF ITEMS	SIZE (M)	REF.	UNIT PRICE € EXCL. TAX PER BOX OF 12	PRICE € EXCL. TAX
3	1.20/3.60	**200171**	26.45	**29.35**
2	2.40/4.80	**200172**	28.25	**31.40**

WATER CARE
CF RANGE NEW

CF TRUST PRODUCT

SKIMMERS

► SURFACE



- With Squeegee
- Sold individually or in boxes of 12

REF.	UNIT PRICE PER CARTON OF 12	PRICE € EXCL. VAT
2502021CF	12.42	**13.50**

► BOTTOM





- With Squeegee
- Sold individually or in boxes of 12

- With integrated 1.2 m handle
- Sold individually or in carton of 24

DESIGNATION	REF.	PACKAGING BY CARTON	UNIT PRICE PER CARTON	PRICE € EXCL. VAT
Bottom skimmer	**2502020CF**	12	15.31	**15.31**
Skimmer with handle	**2502022CF**	24	13.25	**14.40**

BRUSHES





- Curved scrubbing 45 cm brush
- Sold individually or in carton of 12

- 2 in 1 brush for waterline and corners
- Adaptable to a telescopic handle
- Sold indidually or in carton of 24

DESIGNATION	REF.	PACKAGING BY CARTON	UNIT PRICE PER CARTON	PRICE € EXCL. VAT
45 cm	**2502030CF**	12	15.75	**17.12**
Brush 2 in 1	**2502031CF**	6	10.75	**11.68**

THERMOMETERS

► FLOATING



- Sold individually or in carton of 6

REF.	UNIT PRICE PER CARTON OF 6	PRICE € EXCL. VAT
2502060CF	4.92	**5.34**

VACCUUM CLEANER HEAD

► FOR LINE



- Sold individually or in carton of 12

DESIGNATION	REF.	PRIX € HT UNITAIRE PAR CARTON DE 12	PRICE € EXCL. VAT
Triangular head	**2502040CF**	19.08	**20.74**
Rectangular head	**2502041CF**	19.08	**20.74**

FLOATING MEASURING CUP

► LARGE CAPACITY



- Sold individually or in carton of 24
- Extendable dispenser for 200/250 gr tablets
- 2 in 1 gripper included: contactless use of the tablet and visual indication of the dispenser's capacity (visible gripper = dispenser full)

REF.	PRIX € HT UNITAIRE PAR CARTON DE 24	PRICE € EXCL. VAT
2502050CF	10.95	**11.68**

TELESCOPIC POLES



- Adjustable aluminium handle with a clamping system
- Sold individually or in carton of 6

NUMBER OF ELEMENTS	SIZE (M)	REF.	UNIT PRICE PER CARTON OF 6	PRICE € EXCL. VAT
2	1.20/2.40	**2502080CF**	14.08	**15.31**
3	1.20/3.60	**2502081CF**	18.25	**19.84**
2	2.40/4.80	**2502082CF**	29.08	**27.08**

WATER CARE

CF PREMIUM RANGE

NEW

CF TRUST PRODUCT

VACUUM CLEANER HEAD

► LINER



- Triangular weighted manual vaccum cleaner head
- Sold individually or in cartons of 6

REF.	UNIT PRICE PER CARTON OF 6	PRICE € EXCL. VAT
2503041CF	27.42	**29.80**

► CONCRETE AND TILES



- Rectangular weighted brush head
- 8-wheel manuel vacuum cleaner
- Sold individually or in carton of 6

REF.	UNIT PRICE PER CARTON OF 6	PRICE € EXCL. VAT
2503040CF	31.61	**29.08**

SKIMMERS

► BOTTOM



- Robustness thanks to aluminium reinforcement
- Sold individually or in carton of 6

REF.	UNIT PRICE PER CARTON OF 6	PRICE € EXCL. VAT
2503020CF	19.92	**21.65**

► SURFACE



- Robustness thanks to aluminium reinforcement
- Sold individually or in carton of 12

REF.	UNIT PRICE PER CARTON OF 12	PRICE € EXCL. VAT
2503021CF	18.25	**19.84**

BRUSHES

► FLOOR AND WALLS



- Aluminium scrubbing brush with side bristles, 45 cm
- For all types of flooring
- Sold individually or in box of 12

REF.	PRIX € HT UNITAIRE PAR CARTON DE 12	PRICE € EXCL. VAT
2503030CF	20.75	**22.55**

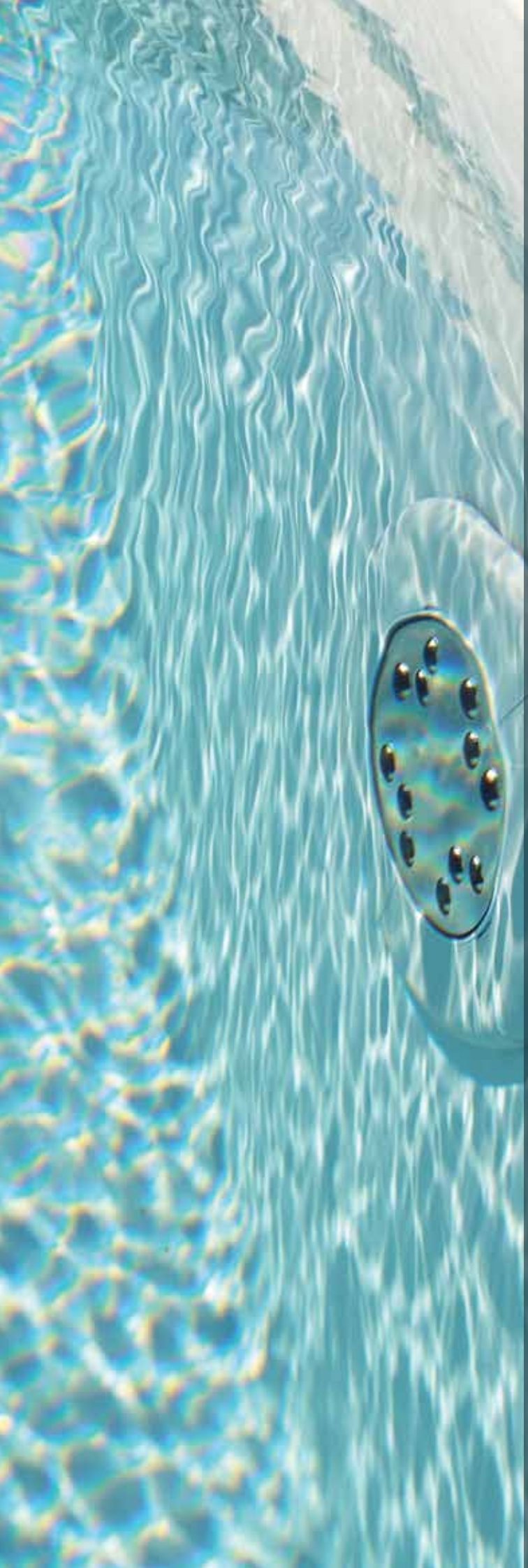
TELESCOPIC POLES

► ALUMINIUM POLES



- Adjustable with a click system
- Sold individually or in box of 12

NUMBER OF ELEMENTS	SIZE	REF.	UNIT PRICE PER CARTON OF 6	PRICE € EXCL. VAT
2	1.80/3.60 m	**2503081CF**	24.08	**26.18**
2	2.40/4.80 m	**2503082CF**	29.08	**31.61**



CONTENTS

WHITE GOODS

WHITE GOODS

p. 294 **CF Premium range**
p. 296 **CF Comfort range**
p. 301 **CF range**

LIGHTING

p. 303 **CF Premium range**

WHITE GOODS

CF PREMIUM RANGE

Range of white goods with brass inserts for easy assembly and disassembly

CF



SKLINSBL



PRODUCT BONUS

+ Range of CF Premium white goods with brass inserts compatible with all types of swimming pool.
+ No deterioration of the screw well when dismantling (changing the liner).
+ Our inserts are removable: they can be replaced if the thread is damaged. Easy to separate from the ABS body for best waste sorting.
+ ABS with anti-UV treatment.

► SKIMMER WITH WIDE RECTANGULAR MOUTH

- Brass inserts for a complete range of white goods.
- M5 metric attachment screws in A4 stainless steel.
- Polypropylene baskets: highly resistant to chlorine, chemicals and impact, they last a long time.
- "Mirror" effect: raised mouth for a water level near the coping.
- 32 mm overflow to be glued.
- 50 mm connection to be glued or 63 mm membrane seal to be glued.
- Max. flow: 10 m^3/h.



Noise protection flap



Brass inserts

COLOUR	REF.*	PRICE € EXCL. VAT
White	**SKLINSBL**	**161.05**
Sand	**SKLINSSA**	**194.65**
Grey	**SKLINSGR**	**194.65**

** Until stock depletion.*

DON'T FORGET!

Colour version

► MAIN DRAIN

- To be glued, diameter 50 or 63 mm.
- Max. flow: 12 m^3/h.
- Supplied with a 50/63 reduction for gluing.



BDFINSBL





COLOUR	REF.*	PRICE € EXCL. VAT
White	**BDFINSBL**	**59.65**
Sand	**BDFINSSA**	**69.25**
Grey	**BDFINSGR**	**69.25**

** Until stock depletion.*

INFO

Paragraph 4.4.1 of standard EN 16713-2 requires (if flattening prevention grid is absent) at least 2 bottom drains one metre apart (edge to edge) able to handle 100 % of the flow rate if one of them is blocked (on the same drain system).

DON'T FORGET!

Colour version

PRO HINT

Main drains are designed so that a vacuum pump can fit inside and empty the pool completely.

CF TRUST PRODUCT

5 years WARRANTY WHITE GOODS

2 years WARRANTY LED BULB

► RETURN INLET

PRODUCT BONUS

+ Very thin, ideal for passing the slats of our automatic slatted cover Rollinside.



REFINSBL REFINSSA REFINSGR

- Brass inserts for a complete range of white goods.
- M5 metric attachment screws in A4 stainless steel.
- Max. flow: 5 m^3/h.

COLOUR	REF.*	PRICE € EXCL. VAT
White	**REFINSBL**	**21.95**
Sand	**REFINSSA**	**27.20**
Light grey	**REFINSGR**	**27.20**

** Until stock depletion.*

INFO

In order to meet the requirements of paragraph 4.5.2 of standard NF EN 16582-1, the lowest point of the return inlet must be placed no more than 50 cm under the surface of the water.

► SUCTION INLET

- Connection: diameter 50 mm to be glued or threaded 2".
- Not compatible with screw-in projectors.



PBINSBL PBINSSA PBINSGR

COLOUR	REF.*	PRICE € EXCL. VAT
White	**PBINSBL**	**22.60**
Sand	**PBINSSA**	**26.80**
Light grey	**PBINSGR**	**26.80**

** Until stock depletion.*

► PROJECTOR

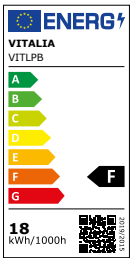
- Compatible for panel swimming pool.



PJBLLEDINSBL PJBLLEDINSSA PJBLLEDINSGR PJRGBLEDINSGA



PJBLLEDINS





LED COLOUR	PROJECTOR COLOUR	REF.*	PRICE € EXCL. VAT
White	White	**PJBLLEDINSBL**	**357.30**
White	Sand	**PJBLLEDINSSA**	**387.80**
White	Grey	**PJBLLEDINSGR**	**387.80**
RGB	White	**PJRGBLEDINSBL**	**386.00**
RGB	Sand	**PJRGBLEDINSSA**	**417.78**
RGB	Grey	**PJRGBLEDINSGR**	**417.78**
RGB	Anthracite grey	**PJRGBLEDINSGA**	**417.78**

** Until stock depletion.*

DON'T FORGET!

Our range of CF Premium projectors comes standard with CF Premium bulbs. See their features on p. 11.

WHITE GOODS

CF COMFORT RANGE

Range of ABS white goods with anti-UV treatment

CF

PRODUCT BONUS

+ High resistance thanks to anti-UV treatment.
+ 4 colours available to adapt to all environments.
+ Complete kits with all the parts to adapt to different pool sizes.
+ Extra-flat white goods.

► SKIMMER WITH WIDE RECTANGULAR MOUTH

- 32 mm overflow to be glued.
- 50 mm connection to be glued or 63 mm membrane seal to be glued.
- Easy to fit.
- "Mirror" effect: raised mouth for a water level near the coping.
- The basket can be taken out from the front (by removing the noise protection flap).
- Reinforced flange.
- Max. flow: 10 m³/h.



SKCFLREC



SKCFLRECGR



Noise protection flap

COATING	COLOUR	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
Concrete	White	SKVIBREC	**SKCFBREC**	**107.90**
Liner	White	SKVILREC	**SKCFLREC**	**117.60**
Liner	Grey	SKVILRECGR	**SKCFLRECGR**	**154.10**
Liner	Sand	SKVILRECSA	**SKCFLRECSA**	**154.10**
Liner	Anthracite grey	SKVILRECGA	**SKCFLRECGA**	**154.10**

** Until Vitalia stock depletion.*

INFO

Grooved mouth for better resistance.



► WATER LEVEL CONTROLLER (SKIMMER NOT SUPPLIED)



NIVCF



NIVCF underside

DON'T FORGET!

Don't forget the water level controller ref. NIVCF, specially designed to fit the wide mouth skimmer.

EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
NIVVI	**NIVCF**	**117.80**

** Until Vitalia stock depletion.*

► SKIMMER ACCESSORIES



COUVSKCFGR



COUVSKCFSA



CVSKCFGR



CVSKCFSA

DESCRIPTION	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
Screw-on frame + grey cover for skimmer/water level controller	COUVSKVIGR	**COUVSKCFGR**	**78.40**
Screw-on frame + sand cover for skimmer/water level controller	COUVSKVISA	**COUVSKCFSA**	**78.40**
Conversion kit for rectangular concrete to liner skimmer	-	**KITADAPTSKD**	**44.60**
Riser for skimmer	REHVI	**REHCF**	**21.10**
Grey skimmer cover	CVSKVIGR	**CVSKCFGR**	**38.70**
Sand skimmer cover	CVSKVISA	**CVSKCFSA**	**38.70**
Skimmer screws kit for shell (16 screws)	KITVICSK	**KITCFCSK**	**18.30**

** Until Vitalia stock depletion.*

► MAIN DRAIN


BDFCFL


BDFCFLGA


BDFCFLGR


BDFCFLSA

- 50 or 63 mm connection to be glued.
- Edge-free design: no obstacle for the cleaner.
- Locking lugs for reinforcing rod.
- No screws visible.
- Total draining by cellar pump.
- Coloured main drain body.
- Max. flow: 12 m^3/h with a 63 mm diameter pipe.
- Supplied with a 50/63 reduction for gluing.

COATING	COLOUR	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
Concrete	White	BDFVIB	**BDFCFB**	**31.80**
Liner	White	BDFVIL	**BDFCFL**	**40.40**
Liner	Anthracite grey	BDFVILGA	**BDFCFLGA**	**52.20**
Liner	Light grey	BDFVILGR	**BDFCFLGR**	**52.20**
Liner	Sand	BDFVILSA	**BDFCFLSA**	**52.20**

** Until Vitalia stock depletion.*

INFO

Paragraph 4.4.1 of standard EN 16713-2 requires (if flattening prevention grid is absent) at least 2 bottom drains one metre apart (edge to edge) able to handle 100% of the flow rate if one of them is blocked (on the same drain system).

PRO HINT

Main drains are designed so that a vacuum pump can fit inside and empty the pool completely.

► CONNECTION BOX


BDCCF


BDCCFGR


BDCCFSA

- Sealed with O-ring.
- Cables are routed from underneath.
- Supplied with 2 cable glands.
- Output diameter 32 mm to be glued.

COLOUR	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
White	BDCVI	**BDCCF**	**23.80**
Grey	BDCVIGR	**BDCCFGR**	**33.10**
Sand	BDCVISA	**BDCCFSA**	**33.10**

** Until Vitalia stock depletion.*

WHITE GOODS

CF COMFORT RANGE

CF

► RETURN INLET

- Compatible with all wall conduits on the market.
- No screws visible.
- Easier to screw/loosen.
- Connection: diameter 50 mm to be glued or threaded 2''.
- Max. flow: 5 m³/h.



RLCFL



RLCFLGA RLCFLGR RLCFLSA

COATING	COLOUR	EQUIVALENT VITALIA REF	REF.**	PRICE € EXCL. VAT
Concrete	White	RLVIB	**RLCFB**	**9.80**
Shell	White	RLVIC	**RLCFC**	**16.40**
Panel*	White	RLVIPAN	**RLCFPAN**	**16.40**
Liner	White	RLVIL	**RLCFL**	**13.40**
Liner	Anthracite grey	RLVILGA	**RLCFLGA**	**20.50**
Liner	Light grey	RLVILGR	**RLCFLGR**	**20.50**
Liner	Sand	RLVILSA	**RLCFLSA**	**20.50**

** The Panel version is supplied with a 2" lock nut. ** Until Vitalia stock depletion.*

INFO

In order to meet the requirements of paragraph 4.5.2 of standard NF EN 16582-1, the lowest point of the return inlet must be placed no more than 50 cm under the surface of the water.

► WALL CONDUITS



- The wall conduits can be split according to the wall and the sealing method.
- Length: 310 mm.
- Inlet Ø 50 mm to be glued or threaded 2''.

EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
TMVI	**TMCF**	**12.40**

** Until Vitalia stock depletion.*

► SUCTION INLET

- Connection: diameter 50 mm to be glued or threaded 2''.
- Not compatible with screw-in projectors.



PBCFL



PBCFLGA PBCFLGR PBCFLSA

COATING	COLOUR	EQUIVALENT VITALIA REF.	REF.**	PRICE € EXCL. VAT
Concrete	White	PBVIB	**PBCFB**	**9.20**
Shell	White	PBVIC	**PBCFC**	**12.40**
Panel*	White	PBVIPP	**PBCFPP**	**12.40**
Liner	White	PBVIL	**PBCFL**	**10.40**
Liner	Anthracite grey	PBVILGA	**PBCFLGA**	**19.30**
Liner	Light grey	PBVILGR	**PBCFLGR**	**19.30**
Liner	Sand	PBVILSA	**PBCFLSA**	**19.30**

** The Panel version is supplied with a 2" lock nut. ** Until Vitalia stock depletion.*

CF TRUST PRODUCT

5 years WARRANTY WHITE GOODS

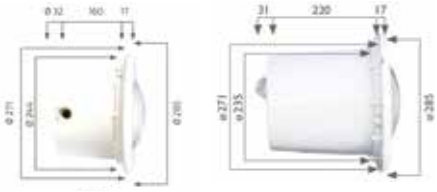
2 years WARRANTY LED BULB

► WHITE LED PROJECTOR



PJCFLEDBL PJCFLEDLGA PJCFLEDGR PJCFLEDLSA

Short recess Long recess



Pictures not contractually binding
(measurements in mm)





- Link to the connection box by flexible PVC to be glued (1 metre supplied, Ø32 mm).
- Internally sealed with a cable gland.
- Outlet 90° or 45° according to version.
- Available in the short and long recess version to fit the structure.
- The ultra flexible cable is designed to be permanently submerged (class AD8).
- Bulb: 60 leds, PAR 56, 13 W, 1 450 lumens.

DESCRIPTION	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
White liner LED projector - short recess	PJVILEDBL	**PJCFLEDBL**	**341.30**
Anthracite grey liner LED projector - short recess	PJVILEDGA	**PJCFLEDGA**	**366.40**
Light grey liner LED projector - short recess	PJVILEDGR	**PJCFLEDGR**	**366.40**
Sand liner LED projector - short recess	PJVILEDSA	**PJCFLEDSA**	**366.40**
White liner LED projector - long recess	PJVILEDLBL	**PJCFLEDLBL**	**341.30**
Anthracite grey liner LED projector - long recess	PJVILEDLGA	**PJCFLEDLGA**	**366.40**
Light grey liner LED projector - long recess	PJVILEDLGR	**PJCFLEDLGR**	**366.40**
Sand liner LED projector - long recess	PJVILEDLSA	**PJCFLEDLSA**	**366.40**

** Until Vitalia stock depletion.*

► RGB LED PROJECTOR

- Bulb: 90 leds, PAR 56, 16W, 600 lumens + remote control (maximum 3 projectors for 1 remote control).

DESCRIPTION	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
White liner RGB LED projector - short recess + remote control	PJVILEDCL	**PJCFLEDCL**	**525.60**

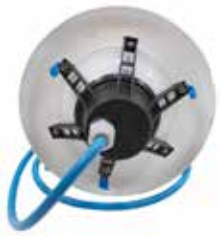
** Until Vitalia stock depletion.*

► UNIVERSAL LED OPTICS

- Malleable attaching lugs covered with PVC, for optimal adherence inside the recess (Ø 215 mm to 250 mm, min. depth 155 mm).
- The ultra flexible cable is designed to be permanently submerged (class AD8).
- White LED: 60 leds, PAR 56, 13W, 1450 lumens.
- RGB LED: 90 leds, PAR 56, 16W, 600 lumens.



OPTCFLEDBL





OPTCFLEDCL

DESCRIPTION	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
White optics	OPTVILEDBL	**OPTCFLEDBL**	**347.70**
RGB optics + remote control	OPTVILEDCL	**OPTCFLEDCL**	**502.10**

** Until Vitalia stock depletion.*





OPTCFLEDBL

PRO HINT

The ideal replacement solution: no nasty surprises (worn seal, distorted plastic parts, broken optics)!

WHITE GOODS PACK

CF COMFORT WHITE GOODS PACK

CF TRUST PRODUCT

5 years WARRANTY WHITE GOODS

2 years WARRANTY LED BULB



Example of kit ref. KITCF73L

White LED projector

D A↑G

ALP01

- In ABS plastic with UV-absorbing treatment.
- Seals in EPDM.
- A4 stainless steel AISI 316 screws.
- Part number engraved on each removable component.
- Skimmer, projector and drain supplied with site protections.

The kits are also compatible with concrete by removing the joints from the parts to be sealed.

► WHITE CONCRETE AND LINER KIT

• 7 x 3 m pool.
- Rectangular skimmer with wide mouth x 1.
- Main drain x 2.
- White LED projector x 1.
- Connection box x 1.
- Return inlet x 2.
- Suction inlet x 1.
- Wall conduits x 3.

EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
KITVIT73L	**KITCF73L**	**664.60**

• 8 x 4 m pool.
- Rectangular skimmer with large suction outlet x 2.
- Main drain x 2.
- White LED projector x 1.
- Connection box x 1.
- Return inlet x 3.
- Suction inlet x 1.
- Wall conduits x 4.

EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
KITVIT84L	**KITCF84L**	**842.00**

• 10 x 5 m pool
- Rectangular skimmer with large suction outlet x 2.
- Main drain x 2.
- White LED projector x 2.
- Connection box x 2.
- Return inlet x 4.
- Suction inlet x 1.
- Wall conduits x 5.

EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
KITVIT105L	**KITCF105L**	**1 240.80**

** Until Vitalia stock depletion.*

INFO

All the kits are delivered in single boxes:
• 7 x 3 kit: a box measuring 80 x 60 x 40 cm.
• 8 x 4 or 10 x 5 kits: a box measuring 80 x 60 x 60 cm.

Paragraph 4.4.1 of standard EN 16713-2 requires (if flattening prevention grid is absent) at least 2 bottom drains one metre apart (edge to edge) able to handle 100% of the flow rate if one of them is blocked (on the same drain system).

In order to meet the requirements of paragraph 4.5.2 of standard NF EN 16582-1, the lowest point of the return inlet must be placed no more than 50 cm under the surface of the water.

FOCUS

A comprehensive and resolutely practical range of white goods. The water level controller connects to the skimmer (NIVCF option).

WHITE GOODS

CF RANGE

Design skimmer in UV-resistant ABS

CF TRUST PRODUCT

5 years WARRANTY

PRODUCT BONUS

+ A white goods range very practical and made of ABS with anti-UV treatment.



Screw-on flange ring fixing orifice



Noise protection flap with underwater limit stop



Overflow opening can be knocked in

► SKIMMER DESIGN



SKCFL



SKCFPAN

- **Ref. SKVIPAN: to be positionned and fixed from the inside of the pool.**
- Easy to fit.
- Noise protection flap.
- "High water level" effect: raised suction outlet for a water level near the coping.
- The basket can be taken out from the front (by removing the noise protection flap).
- Max. flow: 10 m^3/h.

COATING	COLOUR	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
Liner	White	SKVIL	**SKCFL**	**117.60**
Concrete	White	SKVIB	**SKCFB**	**114.00**
Panel	White	SKVIPAN	**SKCFPAN**	**197.40**

** Until Vitalia stock depletion.*

FOCUS

The water level controller connects to the skimmer (NIVCF option).

► SKIMMER DESIGN ACCESSORY

Kit contents:
- 2 sealing joints.
- 1 flange.
- 1 flange cover.
- Stainless steel screws.

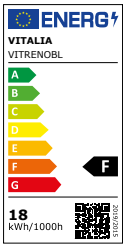
DESCRIPTION	REF.	PRICE € EXCL. VAT
Skimmer Design conversion kit concrete to liner	**KITADAPTSK**	**39.40**



EN 17645 STANDARD*
LIGHTING SYSTEMS

The note refers to electric lighting systems :

- Connected to mains power
- Installed in the pool (underwater or above water level)
- Light up the pool at night and/or produce lighting effects for decorative or signage purposes (submerged stairs, pool edges, etc.).



Pool lighting systems are assessed according to the ηTM energy efficiency class, the calculation of which is taken from Annex II of EU Regulation 2019/2015 on the energy labelling of light sources already in existence since September 2021.

The score given on the EN 17645 label and the score given on the EU2019 / 2015 energy label are therefore exactly the same, but the EN 17645 label also gives the following information:

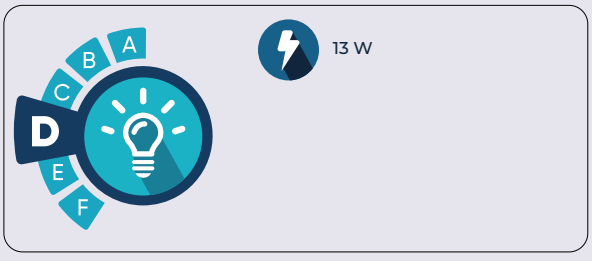
Power supply
Power in active mode

Renewable energy
Pictogram specific to equipment with autonomous and on renewable energy supply

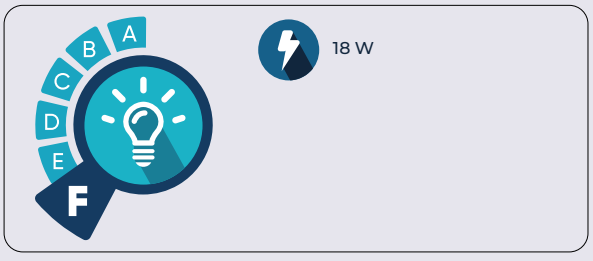
Power supply
Power in stand-by mode

EXAMPLES OF LABELS FOR OUR PRODUCTS

- CF Comfort LED projector - PJCFLEDBL



- CF Premium LED bulb (special renovation) - CFRENOBL



** The EN 17645 standard evaluates the effectiveness of the environmental performance of domestic swimming pools and their equipment. The standard applies to permanently installed outdoor domestic swimming pools.*

LIGHTING

CF PREMIUM RANGE

Ultra-low energy LED lighting

CF

PRODUCT BONUS

+ Marine technology.
+ 3 layers full-resin.
+ Flat (3 cm).
+ Built-in waterproof connection (no cable gland needed for the projector).
+ Built-in cable protection system.
+ Very low-energy: high-efficiency (lm/W ratio).



► SPECIAL CONSTRUCTION LED BULB

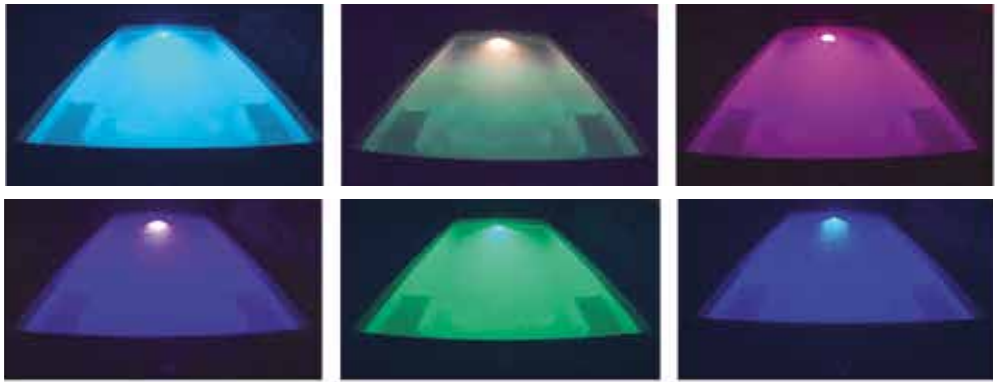
- PA6 polyamide casing for better thermal conductivity.
- Epoxy resin with aluminium powder content for better thermal conductivity.
- IP68.
- Packaging: 18 x 18 x 5 cm.
- White high power LED, 1 800 lumens: 12 power leds; angle 120°; 18 W; 14 900 Kelvin.
- Ultra bright RGB LED, 800 lumens: 12 power leds; angle 120°; 15 W.

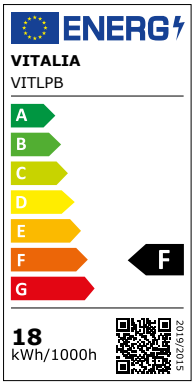
Mood creator, programs for the RGB LED:
- Cable length : 2 m
- Deep blue sea (slow blue animation)
- Party (fast animation with all the colours)
- Sunset (slow red animation)
- Blue sky (green and blue)
- Ocean blue (blue)
- Glass earth (blue and green)
- Ocean green (green)
- Cold white
- Pink lady (red and blue)
- Sunrise (red, green and blue)
- Orange road (red and green)



DESCRIPTION	LED COLOUR	QTY OF LEDS	LUMENS	KELVIN	POWER (W)	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
Flat white LED bulb, 18 W 1800 lm (only the bulb)	Cold white	12	1800	14900	18	VITLPB	**CFLPB**	**99.00**
Flat white RGB bulb, 15 W 800 lm	RGB	12	800	-	15	VITLPC	**CFLPC**	**169.00**
2 RGB LED bulbs kit + remote control						VITLPKT2	**CFLPKT2**	**486.60**

** Until Vitalia stock depletion.*





PRO HINT

Remember to replace the cable gland inside the projector recess.

INFO

For a complete optic, order the bulb alone + the renovation kit on p. 305 in the colour of your choice.

LIGHTING

CF PREMIUM RANGE

Ultra-low energy LED lighting

CF

CFRENOBL · CF TRUST PRODUCT · LivePool COMPATIBLE · 2 years WARRANTY



PRODUCT BONUS

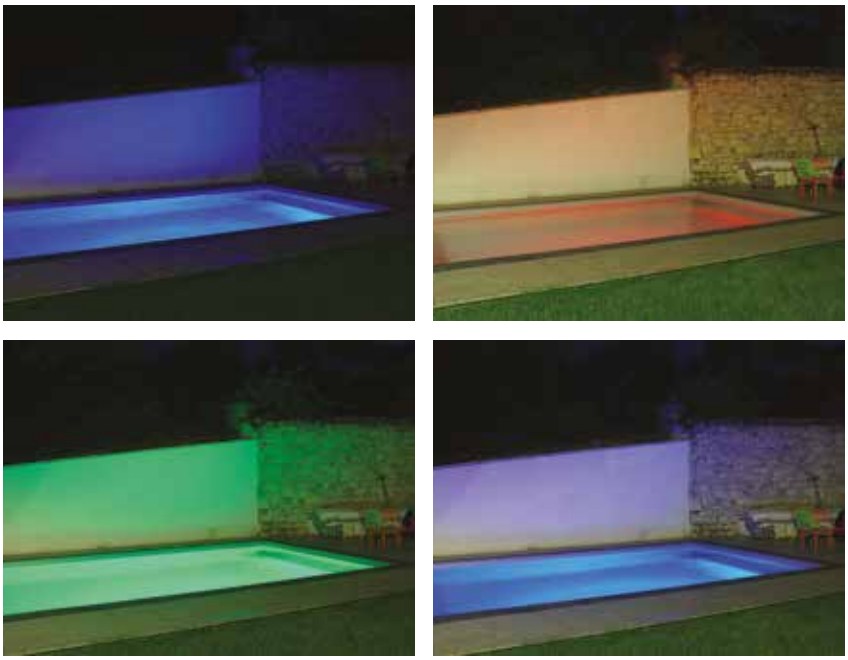
+ Marine technology, withstands high stresses.
+ 100% watertight as its whole diameter is resin-coated.
+ Supplied with a special renovation kit.

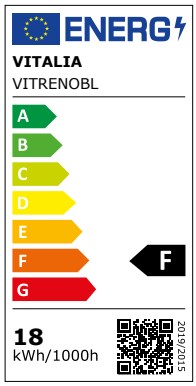
► SPECIAL RENOVATION LED BULB

• Supplied with 3 attaching lug + bolts and screws.
• Supplied with 3 seals for different cable sections (7.1-7.8 mm/8.5-9.5 mm/10.5-11.5 mm).
• Supplied with silicone grease to protect the lugs against oxidation.

DESCRIPTION	LED COLOUR	NUMBER OF LEDS	LUMENS	KELVIN	POWER (W)	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
White special renovation LED bulb	Cold white	108	1 500	8 300	20	VITRENOBL	**CFRENOBL**	**129.00**
RGB special renovation LED bulb	RGB	108	600	-	15	VITRENORGB	**CFRENORGB**	**219.00**
Kit of 2 RGB LED bulbs + remote control						VITLRKT2	**CFLRKT2**	**586.60**

** Until Vitalia stock depletion.*





INFO

For a complete optic, order the bulb alone + the renovation kit on page 305 in the colour of your choice.

CF PREMIUM RANGE

► RENOVATION KIT



RENPJCFBL



RENPJCFGA



RENPJCFGR



RENPJCFSA

- Outer diameter: 28.5 cm.
- For recesses with a maximum diameter of 21.5 to 25 cm.

DESCRIPTION	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
White projector renovation kit flange ring + 3 lugs + screws	RENPJVIBL	**RENPJCFBL**	**51.90**
Anthracite projector renovation kit flange ring + 3 lugs + screws	RENPJVIGA	**RENPJCFGA**	**51.90**
Grey projector renovation kit flange ring + 3 lugs + screws	RENPJVIGR	**RENPJCFGR**	**51.90**
Sand projector renovation kit flange ring + 3 lugs + screws	RENPJVISA	**RENPJCFSA**	**51.90**

** Until Vitalia stock depletion.*

INFO

Compatible with extra-flat and PAR 56 LED.

► REMOTE CONTROL FOR 4 BULBS





- Module and radio remote control that simultaneously operates up to 4 white or RGB LED pool lights.
- 4 remote control functions: On/Off.
- Scroll back and forth through the colour lighting programs.
- Reset/Synchronization of the RGB LED.
- Up to 50 m scope in line of sight.
- Total maximum power output 120 W.
- Ideally suited to VITALIA RGB LED bulbs: synchronization and program selection.
- Compatible with RGB LED bulbs that change colour by On-Off-On cycle.
- Battery not included.

EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
VITLPKT	**CFLPKT**	**148.60**

** Until Vitalia stock depletion.*

EXPERIENCE SUPERIOR POOL CLARITY





CF MULTI-ELEMENTS

The convenient, water-saving multi-cartridges filter

- Water savings: up to 20 x less than sand filter.
- Top water quality: cartridge filtration level 20 µ.
- Easy and spread out maintenance.

10 YEARS WARRANTY
TANK

2 YEARS WARRANTY
ACCESSORIES

CF
TRUST THE POOL EXPERTS



CONTENTS

FILTRATION

FILTERS

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p. 310 **CF cartridge filter**
p. 311 **CF Top / CF Side sand filters**
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FILTRATION PUMPS

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p. 321 **CF Premium VS filtration pump**
p. 324 **CF Comfort filtration pump**
p. 325 **CF Comfort VS filtration pump**
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SOLUTIONS PACK

p. 327 **CF pack**
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FILTRATION

TIPS FOR FILTERS

HOW TO CHOOSE A FILTER?

	CARTRIDGE FILTER	SAND FILTER	DIATOMS FILTER
Filtration finesse	20 µm	With sand and gravel: 50 µm With filter glass: 15 µm	From 2 to 5 µm
Filter cleaning frequency (depending on clogging state)	2 to 3 times per season	Twice a month	Twice a month
Ease of maintenance	Manual cleaning of the cartridges	By counter-cleaning	By counter-cleaning. Manual canvas cleaning once a year.
Water savings		With sand and gravel With filtration glass	
Space required			
Advantages	Large filtration surface, water savings, few space required	Easy to maintain	Fine filtration

SIZING OF THE CARTRIDGE FILTER

Filter flow = pool volume ÷ 4
The filtration surface must be equal to the flow divided by the passage speed.

Example : if the pool volume is 60 m^3, the filter flow must be 15 m^3/h and the filtration surface must be minimum 15 ÷ 0.6 = 25 m^2.

SIZING OF THE SAND FILTER

Filter flow = pool volume ÷ 4.

Example : if the pool volume is 60 m^3,
the filter flow = 60 ÷ 4 = 15 m^3/h.

However the flow of the sand filter must be calibrated above the maximum flow of the pump. **Filter flow > Pump flow.**

Moreover the passage speed for private pools is usually at 50 $m^3/h/m^2$ that is V.50.

Example :
- A filter of 15 m^3/h at V.50 must be associated to a pump of 15 m^3/h maximum at 10hmt.

According to the correspondance tablesheet you shall select a filter of diam. 640 mm.

Ø Filter (mm)	Filter flow (m^3/h)		
	at V.30[1]	at V.40[2]	at V.50[3]
375	3,3	4,4	5,5
480	5,4	7,2	9
500	5,9	7,8	9,8
520	6,4	8,5	10,6
560	7,4	9,9	12,3
600	8,5	11,3	14
610	8,8	11,7	14,6
640	9,6	12,9	16
660	10,2	13,7	17
680	10,9	14,5	18,2
725	12,4	16,5	20,6
760	13,6	18,1	22,7
900	19	25,4	31,8
914	19,7	26,2	32,8

(1) 30 $m^3/h/m^2$ (2) 40 $m^3/h/m^2$ (3) 50 $m^3/h/m^2$

FOR SMALL TECHNICAL ROOMS

Think about filters with top valve without wall conduit. The assembly at the top of the valve requires less space.

MAINTENANCE WITH A CARTRIDGE FILTER

Only use flocculent as it does not clog the cartridge filters.

Also think about using the cartridge brushes.

PROTECTION OF THE STRAINERS

To protect the strainers check that:

- all the strainers are correctly positionned into the filter.
- 1/3 water is filled into the filter BEFORE integrating the filtering media.

TIGHTNESS OF THE 6-WAY VALVE

Think about using sealants as well as liquid teflon for the sealing tightness of the connectors on the 6-way valve.

If you do not have a drain for washing water then opt for a cartridge filter. The cartridge cleaning shall be made manually (and not through the 6-way valve).

MAINTENANCE WITH A DIATOMS FILTER

Quaternary ammonium-based algaecides, PHMB and flocculants are non compatible with diatoms filters (untimely clogging).

Discharge of diatoms may clog sewers, cesspools or spreading drains.

As a consequence it may be necessary in some cases to add a diatoms collecting bin between the diatoms filter and the sewers.

FILTERS

CF MULTI-ELEMENTS FILTER

The convenient, water-saving multi-elements filter

CF TRUST PRODUCT

10 years WARRANTY TANK

2 years WARRANTY ACCESSORIES



CFFME22



CFFME39



4 cartridge elements



Perforated strainer

PRODUCT BONUS

+ Water savings: up to 20 x less than sand filter.
+ Top water quality: 20 µ filtration fineness.
+ Easy and spread out maintenance.

- Four cartridge elements: trap more dirt and extend time between cleanings.
- Optimised hydraulic design :
  - Perforated strainer at the filter inlet for better water distribution
  - Additional stainless steel strainer at the top of the drain pipe.
- Cartridges are easy to remove and rinse.
- Ergonomical top cover: handle can be put upside down for easy maintenance.
- Easy to open with clamp ring.
- Fiberglass-reinforced polypropylene tank.
- Max. working pressure: 3 bar.
- Oil gauge manometer.
- 1.5" drain.

MAXIMUM FLOW RATE (M^3/H) AT V.0.6*	MAXIMUM FLOW RATE (M^3/H) AT V.0.8*	DIAMETER (MM)	COUPLING DIAMETER	FILTRATION AREA (M^2)	REF.	PRICE € EXCL. VAT
13.4	27.3	616	2"/63 mm	22.3	**CFFME22**	**799.00**
23.4	32	616	2"/63 mm	39	**CFFME39**	**999.00**

*$m^3/h/m^2$

FILTERS

CF CARTRIDGE FILTER

The water-saving filtration solution for a perfectly clean pool

CF TRUST PRODUCT

10 years WARRANTY TANK

2 years WARRANTY ACCESSORIES

PRODUCT BONUS

+ 2 possible outlets for the water connection: 90° or 180° (for better adjustment to the equipment room constraints).
+ Oil bath pressure gauge.
+ Compact and lightweight.



CFFC23 CFFC34

- ABS tank.
- Screw bleeder on the cover.
- Maximum service pressure: 2.5 bar.
- Maximum water temperature: 40 °C.
- Cover locked by a screw-down flange ring: easy access to the cartridge.
- CFFC23 and CFFC34 : delivred with three union fittings 2".

MAX. POOL VOLUME (M^3)	MAXIMUM FLOW RATE (M^3/H) AT V.0.6	DIAMETER (MM)	COUPLING DIAMETER	FILTRATION AREA (M^2)	REF.	PRICE € EXCL. VAT
90	22.9	225	2"/63 mm	9.4	**CFFC23**	**399.00**
130	33.4	225	2"/63 mm	13.72	**CFFC34**	**499.00**

FILTERS

CF TOP/SIDE SAND FILTERS

The practical and durable sand filter for a perfectly clean pool

MADE IN EUROPE · CF TRUST PRODUCT · 10 years WARRANTY TANK · 2 years WARRANTY ACCESSORIES

PRODUCT BONUS

+ Stronger: high-density UV-treated polyethylene.
+ More practical: transparent cover (Side version).
+ Smarter: union fitting supplied with a transparent tube on the waste outlet to optimize filter washing (Side version).
+ 10-year guarantee.



1 - TOP



2 - SIDE



Transparent coupling



Transparent cover

- High-density bulk-dyed UV-treated polyethylene tank.
- Transparent cover fixed by a collar with bleeder and pressure gauge (for the Side version).
- Supplied with a 6-position side valve kit and union fittings, including a transparent tube (Side version) for better control of backwashing.
- Supplied with a diffuser cover for filling the filtering load (side version).
- Max. water temperature: 40 °C.
- Maximum service pressure: 2 bar.
- Test pressure: 3 bar.

1 - CF TOP SAND FILTER

FLOW RATE (M^3/H) AT V.50*	Ø (MM)	VALVE COUPLING	SAND (KG)	GRAVEL (KG)	ECOPURE 1 (KG)	ECOPURE 2 (KG)	UNION FITTING	REF.	PRICE € EXCL. VAT
5	365	1"1/2	25	15	20	15	Ref. 5015UNIF	**XEOT05**	**299.00**
10	515	1"1/2	75	25	60	20	Ref. 5015UNIF	**XEOT10**	**339.00**
14	615	1"1/2	100	50	80	40	Ref. 5015UNIF	**XEOT14**	**479.00**

Sand and gravel loads not included.
** 50 $m^3/h/m^2$.*

VALVE KIT FOR CF TOP SAND FILTER

DESCRIPTION	REF.	PRICE € EXCL. VAT
Complete Top valve kit 1"1/2	**KXET15**	**88.60**

2 - CF SIDE SAND FILTER

FLOW RATE (M^3/H) AT V.50*	Ø (MM)	VALVE COUPLING	SAND (KG)	GRAVEL (KG)	ECOPURE 1 (KG)	ECOPURE 2 (KG)	UNION FITTING	REF.	PRICE € EXCL. VAT
10.8	500	1"1/2	75	25	60	20	Supplied	**XEOS11**	**359.00**
15.3	650	1"1/2	100	50	80	40	Supplied	**XEOS15**	**499.00**

Sand and gravel loads not included.
** 50 $m^3/h/m^2$.*

VALVE KIT FOR CF SIDE SAND FILTER

DESCRIPTION	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
Complete side valve kit 1"1/2	KVVITS15	**KVCFS15**	**174.30**

** Until Vitalia stock depletion.*

INFO

Discount applied to valves and valves kit : spare parts.

FILTERS

CF COMFORT SAND FILTER

The robust and practical sand filter

CF TRUST PRODUCT

10 years WARRANTY TANK

2 years WARRANTY ACCESSORIES





Transparent coupling (exclusively for 1"½ valve)

PRODUCT BONUS

+ New clamp ring with four injection points.
+ Tank guaranteed 10 years.
+ Valve supplied with union fittings.
+ Transparent section on waste outlet (EXCLUSIVELY FOR 1"½ valve)
+ Max. pressure: 2.8 bar.
+ Oil bath pressure gauge.

- Laminated matt black polyester tank.
- Large transparent cover lid for a better visual control.
- Easy lid locking thanks ergonomical screwing flange.
- Supplied with a 6 positions valve kit to be mounted.
- Lower purge outlet on the valve for easy access when draining the filter.
- Service pressure: 2.8 bar.
- Test pressure: 4.2 bar.
- ¼ turn screw-on strainers.

FLOW RATE (M^3/H) AT V.50*	Ø (MM)	VALVE COUPLING	SAND (KG)	GRAVEL (KG)	ECOPURE 1 (KG)	ECOPURE 2 (KG)	UNION FITTING	REF.	PRICE € EXCL. VAT
10	526	1"½	60	25	50	20	Supplied	**CFFP500S**	**539.00**
16.5	676	1"½	135	50	110	40	Supplied	**CFFP650S**	**599.00**
16.5	676	2	160	50	130	40	Supplied	**CFFP652S****	**719.00**
22.1	776	2"	190	75	150	60	Supplied	**CFFP750S**	**899.00**
31.8	926	2"	305	100	250	80	Supplied	**CFFP900S**	**1 259.00**

Sand and gravel loads not included.
** 50 $m^3/h/m^2$.*
*** Until Vitalia stock depletion (VITFP652S).*

VALVE KIT FOR CF COMFORT SAND FILTER

DESCRIPTION	REF.*	PRICE € EXCL. VAT
Complete side valve kit 1"1/2	**KVCFS15**	**174.30**
Complete side valve kit 2"	**KVCFS20**	**198.00**

** Until Vitalia stock depletion (KVVITS15, KVVITS20).*

INFO

Discount applied to valves and valves kit : spare parts.

INTEGRATED FILTRATION AND WATER TREATMENT

WATERCOM CF

Full kit for swimming pool water filtration, analysis and treatment

CF TRUST PRODUCT

MADE IN GERMANY

10 years WARRANTY TANK

2 years WARRANTY





Integrated ph and Chlorine dosing pumps



Pre-assembled injection points

PRODUCT BONUS

+ Fast, easy and economical: "plug & play" solution that is ready to fit in 1 hour.
+ Ultra-compact on its 125 x 83 x 100 cm mounting plate.
+ Remote connectivity possible through dedicated App.

• Full kit for swimming pool water filtration, analysis and treatment for swimming pools up to 80 m^3:

COMPOSITION

- CF Comfort laminated polyester sand filter 16.5 m^3/h ref. CFFP652S.
- 6-way control valve
- CF Comfort filtration pump 15 m^3/h Mono ref. COMF15.
- CF VS flow regulator and pH/Redox control system ref CFCONTROL100, set - on compact plate.
- Dinodos peristaltic dosing pumps with flow rate of 6 L/h at 1.5 bar.
- All necessary fittings and 2" tubing, gates premounted.
- 125 x 83 x 100 cm mounting plate.

• All-in-one solution that saves time and money at the installation.
• Reduces maintenance costs.
• Low noise level thanks to adapted pump power consumption.
• Filtering media not included.

DESCRIPTION	EQUIVALENT VITALIA REF.	REF.*	PRICE € EXCL. VAT
Watercom CF : filter, pump and water treatment on compact plate	WATERCOMVIT	**WATERCOMCF**	**4 990.00**

** Until Vitalia stock depletion.*

FILTRATION MEDIA

VITROSPHERE

Filter glass

PRODUCT BONUS

+ Filtration rating up to 15 microns.
+ Lower water usage due to less filter washing.
+ Low usage of chemicals.
+ Virtually unlimited service life.
+ Meets the requirements of standards DIN 19643, DIN EN 71-3.





• Specially designed for filtering with a variable speed pump.
• No porosity of the ball whatsoever, and its perfect symmetry prevents any form of contamination of the filter (through the total lack of any areas of adherence).
• Better dirt retention capacity.
• Limitation of calcareous deposits.
• Prevents the formation of a biofilm inside the filter.
• Filtering load requirements are reduced by 15%.
• 20 kg bag.

To convert your pump in order to benefit from the advantages of a variable speed pump and thus use out VitroSphere filter glass, learn more about our CF VS flow regulator on the Control boxes chapter.

GRADING	REF.	PRICE € EXCL. VAT
0.4 to 1.2 mm	**VITRO1**	**81.40**
1.2 to 2.5 mm	**VITRO2**	**81.40**

Transport quotation upon request.

Only use with a filtration system fitted with a variable speed pump.

INFO

• Consistent and regular run-off in the filter bed.
• No clogging, build-up of detritus or blocking of the filter mediums.



FILTRATION MEDIA

ECO PURE

Filter glass

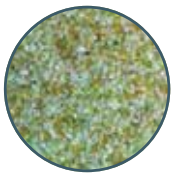
CF TRUST PRODUCT

High purity
Eco Pure filter glass is chemically inert and thus guarantees greater purity. It contains neither free crystalline silica nor heavy metals. Filters up to 15 microns. 25 kg bag.

Recycled material
The raw material is sourced directly from the recycling of household waste and is composed entirely of recycled glass.

Efficient
Glass eliminates 30% more materials and pollutants than sand. You therefore save washing water and waste water, as well as heating and chemical treatment costs.

Rentable
As glass is less dense than sand, 20% less material (in weight) is needed to fill the same filter.


ECOPURE1


ECOPURE2

GRADING	REF.	UNIT PRICE IN € EXCL. VAT (FROM 1 TO 39 BAGS)	UNIT PRICE IN € EXCL. VAT (BY THE PALLET OF 40 BAGS)
0.4 - 1.6 mm	**ECOPURE1**	**37.70**	**37.70**
1.6 - 3 mm	**ECOPURE2**	**37.70**	**37.70**

Transport quotation upon request.

PRO HINT

Wash/backwash when priming.

SAND AND GRAVEL

CF TRUST PRODUCT



- **Grading*:**
- SAND: Filtering layer sand, grading 0.6 to 1.6 mm.
- GRAV24: Gravel for base layer, grading 2 to 4 mm.

** May vary slightly according to batches of supplies.*

Bags can be mixed together (25 kg each bag).


SAND


GRAV24

QUANTITY	REF.	PRICE € EXCL. VAT
1 to 47 bags	**SABLE or GRAV24**	**33.40**
By the pallet of 48 bags*		**9.60**

** Transport quotation upon request.*

FILTERS

CF AUTOMATIC FILTRATION VALVE NEW

CF TRUST PRODUCT

5 years WARRANTY

Reasoned and intuitive filtration management for greater savings and peace of mind

PRODUCT BONUS

+ 2 automatic programming modes: by pressure sensor or timer
+ Built-in battery: self-safety function in the event of a power cut
+ Intuitive touch screen, can be controlled remotely using an app





Intuitive touch screen

- Automatically controls the backwash of the sand filter, in a choice of 2 modes:
  - Automatic triggering by pressure sensor: if the current pressure in the filter is higher than the set value for more than one minute.
  - Automatic triggering by timer: frequency and schedule to be chosen.
- Intelligent: the pump's start-up and shut-down are controlled to enable the valve's position to be changed.
- Safe: the built-in battery automatically activates the valve if there is a power cut during a backwash, to prevent water loss.
- Intuitive touch screen: manual backwash can be carried out easily, if required, using a dedicated button.
- Connected, programmable and controllable remotely by application.
- Easy to use.

- Logic outputs, pilot wires.
- Power cable: 3 meters with plug.
- Power supply: 240 V - 50/60 Hz.
- Protection: IP65.
- Compatible with salt treatment: 3.5 g/L.
- Maximum working pressure: 2.5 bar.
- Water and air working temperature : +5 °C to +50 °C.
- 6-way valve included.

INFO

ADAPTATION
Side sand filters, Ø 450 to 900 mm.

BACKWASH FLOW RATE (M^3/H)	COUPLING DIAMETER	POWER (A)	REF.	PRICE
24	2'' / 63 mm	1.5	**AUTOVACF**	**990.00**

CONNECTION KITS FOR SAND FILTERS

FILTER / FILTER CONNECTION	1.5"		2"	
	RÉF.	PRICE € HT	RÉF.	PRICE € HT
CF COMFORT et CF SIDE	**KITRAC15CFVA**	**21,40**	**KITRAC2CFVA**	**41,70**



EN 17645 STANDARD*
FILTRATION PUMPS

The rating of filtration pumps depends on the pump's efficiency value, calculated as a function of flow rate, manometric head and power consumption. These values are calculated:
- At a given maximum speed for fixed-speed filtration pumps.
- Weighted at maximum, intermediate and low speed for variable-speed filtration pumps.

The other dimensions indicated on the label but not included in the calculation of the score provide the user with information on:

Power supply
Power in active mode

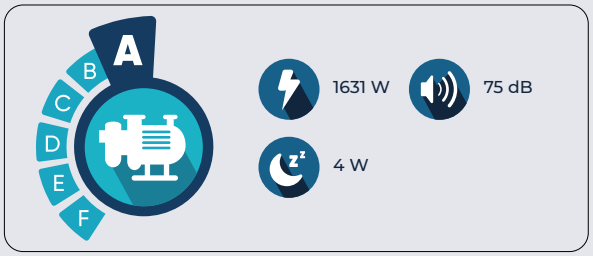
Noise level
This pictogram indicates the noise level of the heat pump (measured in dBA)

Power supply
Power in stand-by mode

Renewable energy
Pictogram specific to equipment with autonomous and on renewable energy supply

EXAMPLES OF LABELS FOR OUR PRODUCTS

- CF Comfort VS filtration pump - COMFVS01



- CF Premium VS filtration pump - PREMIUMVS1



** The EN 17645 standard evaluates the effectiveness of the environmental performance of domestic swimming pools and their equipment. The standard applies to permanently installed outdoor domestic swimming pools.*

FILTRATION

PUMPS ADVICES

HOW TO CHOOSE YOUR FILTRATION PUMP?

The filtration pump must provide sufficient flow to renew the total volume of the pool in 4 hours (with a fixed-speed filter pump). However, ensure that the maximum acceptable flow rate of the filter matches the flow rate of the pump.

ELECTRICAL INSTALLATION

The installation must comply with the regulations in force in the country (NF C 15-100 standard in France) and the installer must have the necessary electrical qualifications to carry out the connections.

Particular attention must be paid to the setting of the thermal magnetic circuit breaker. To do this, it is advisable to refer to the current drawn by the pump motor and set the circuit breaker accordingly.

Failure to comply with this setting may result in damage to the pump motor, which will not be covered by the manufacturer's warranty.



Screw for adjusting the maximum current permitted by the circuit breaker.

HYDRAULIC INSTALLATION

The hydraulic installation must ensure that the velocity in the pipe does not exceed 1.5 m/sec at the suction side and 2 m/sec at the discharge side (see table of recommended pipe diameters below).

Failure to comply with these diameters may cause cavitation at the pump suction (which may destroy the mechanical seal) and water hammer, vibrations or abnormal noise at the discharge.

Please note that this refers to the diameter of the main pipe, after collecting the suction pipes and before the discharge pipe manifold.

Ideally, manufacturers recommend a straight pipe between the suction manifold and the pump itself, with a length equal to 5 times the diameter of the suction pipe.

To avoid other problems related to cavitation, the pre-filter basket must be checked regularly to ensure that the water flow is optimal.

In summary, if the objective is to optimise the efficiency of the filter pump, it is necessary, on the one hand, to ensure that the pipe diameters are adapted to the flow rate and, on the other hand, to minimise pressure losses associated with the fittings used. Large radius elbows are strongly recommended.

Below are the recommendations in accordance with the AFNOR standard (France) for pipe diameters based on flow rates.

FLOW RATE (M^3/H)	SUCTION PIPE DIAMETER IN MILLIMETRES: 1.5 M/SEC	DIAMETER OF THE DISCHARGE PIPE IN MILLIMETRES: 2 M/SEC
7	50	50
10	50	50
13	63	50
16	63	63
20	75	63
25	90	75
31	90	75

Example: a 20 m^3/h pump must be installed on the suction side with a 75 mm diameter manifold and a straight line length of 37.5 cm between the suction manifold and the pump connection.

Failure to comply with these recommendations may void the warranty..

INFO

These calculations are all the more necessary when using a variable speed pump, since its power consumption will be entirely linked to the pressure losses generated by the installation.

OUR RANGE

FILTRATION PUMPS

REFERENCE	FLOW RATE AT TDH 10 MWC M^3/H	POWER P2 IN HP	SINGLE-PHASE	THREE-PHASE	CONNECTION DIAMETER	ADVANTAGES	PAGE
FIXED-SPEED PUMP							
 **CF PREMIUM**	From 7 to 29	From 0.4 to 2	All models	All models	63 mm	• New hydraulic generation: efficient and silent. • Transparent cover with built-in LED lighting. • Manual mounting. All products are electrically and hydraulically tested.	320
 **CF COMFORT**	From 8.5 to 28.5	From ½ to 3	All models	From 1 to 3 HP	50 or 63 mm	• 2'' tapped Inlet/Outlet for better water. • Compact and silent. • EagleBurgmann™ mechanical seal.	324
VARIABLE SPEED PUMPS							
 **CF PREMIUM VS** NEW VERSION	From 19 to 23	From 1 to 1.5	Yes	No	63 mm	• Extremely quiet. • Fully configurable. • Optimized consumption. • Closing lid with integrated LED lighting. • **NEW PREMIUMVS2 version:** controlled via 10-core cable	321
 **CF COMFORT VS**	From 22 to 30	From 1.5 to 3	Yes	No	63 mm	• Four customizable time slots. • Integrated motor protection. • Adjustable priming function. • Economical and sustainable.	325
 **CF VS**	Max. 17	1	Yes	No	63 mm	• EagleBurgmann™ mechanical seal. • 3 programming modes. • Easy to use.	326

FILTRATION PUMPS

CF PREMIUM

The powerful, robust and silent filtration pump

MADE IN GERMANY · LivePool COMPATIBLE · CF TRUST PRODUCT · COMMERCIAL POOLS · NOISELESS · 5 years WARRANTY

PRODUCT BONUS

+ New hydraulic generation: efficient and silent.
+ Transparent cover with built-in LED lighting.
+ Specifications and choice of components based on our technical department's expertise.
+ Manual mounting. All products are electrically and hydraulically tested.
+ Wide range single and three-phase.
+ 5 year extended warranty*.





Pump cover with LED

Bearings and mechanical seals are guaranteed for **3 years.*

- The entire range is supplied with union fittings to be glued diameter 63 mm or a 2'' threaded union fitting.
- The 7 and 10 m^3/h models are supplied with two 63/50 mm reducers.
- Pump basket with foolproof indicator without handle.
- Basket capacity: 3 litres.
- Turbine screwed on (depending on power rating) with brass steel insert.
- No metal parts on waterproof plate to avoid any corrosion.
- Bearing classification: 2 RS6202 or 6204 depending on model.
- Thermal circuit-breaker built into the winding (auto reset based on the motor's real internal temperature).
- P2 condenser.
- Energy efficiency rating for three-phase motor: IE2 (PREMIUM7T, 10T, 13T) and IE3 (PREMIUM17T, 21T, 26T, 29T).
- Salt water compatible up to 5 g/L.
- **The CF Premium fixed-speed filtration pump is compatible with LivePool.**

SINGLE-PHASE

REF.	PREMIUM7	PREMIUM10	PREMIUM13	PREMIUM17	PREMIUM21	PREMIUM26	PREMIUM29
FLOW RATE AT TDH 10 MWC (M^3/H)	7	10	13	17	21	26	29
FLOW RATE AT TDH 12 MWC (M^3/H)	4	7	11	13	16	21	25
P1 (kW)	0.58	0.69	0.97	1.2	1.45	1.7	2
P2 (HP)	0.4	0.6	0.87	1.07	1.33	1.73	2
P2 (kW)	0.3	0.45	0.65	0.8	1	1.3	1.5
POWER (A)	2.6	3.2	4.7	5.3	6.4	7.4	8.8
NOISE LEVEL IN DB(A)	57.7	57.5	59	63.7	63.1	60.2	63.1
PRICE € EXCL. VAT	**629.00**	**649.00**	**689.00**	**729.00**	**819.00**	**899.00**	**989.00**
Environmental performance rating EN 17645			D			C	

P1: Input power, P2: Output power.

THREE-PHASE

REF.	PREMIUM7T	PREMIUM10T	PREMIUM13T	PREMIUM17T	PREMIUM21T	PREMIUM26T	PREMIUM29T
FLOW RATE AT TDH 10 MWC (M^3/H)	7	10	13	17	21	26	29
FLOW RATE AT TDH 12 MWC (M^3/H)	4	7	11	13	16	21	25
P1 (kW)	0.55	0.68	0.95	1.1	1.32	1.65	1.77
P2 (HP)	0.4	0.6	0.87	1.07	1.33	1.73	2
P2 (kW)	0.3	0.45	0.65	0.8	1	1.3	1.5
POWER (A)	1	1.25	1.75	2.1	2.9	3.2	3.3
NOISE LEVEL IN DB(A)	61.2	61.8	61.9	63.8	60.2	63.1	66.7
PRICE € EXCL. VAT	**629.00**	**649.00**	**689.00**	**729.00**	**819.00**	**899.00**	**989.00**
Environmental performance rating EN 17645			D			C	

P1: Input power, P2: Output power.

FILTRATION PUMPS

CF PREMIUM VS

The reference for variable speed pumps

MADE IN GERMANY · CF TRUST PRODUCT · NOISELESS · 5 years WARRANTY

PRODUCT BONUS

+ Extremely quiet.
+ Adjustable priming according to time and/or speed (perfect to adapt to the filter diameter).
+ Adjustable running setting: constant speed or constant power.
+ Displays instantaneous consumption.
+ Closing lid with integrated LED light.
+ Compatible with salt treatment.
+ 5 year extended warranty*.
+ NEW PREMIUMVS2 version: controlled via 10-core cable.

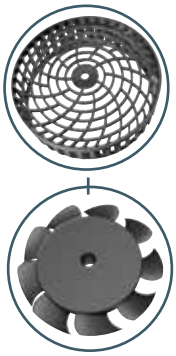
Bearings and mechanical seals are guaranteed for **3 years.*



PREMIUMVS1



PREMIUMVS2



Specific design for fan and dust-cap improves acoustic performance!

PREMIUMVS1:

- Controlled via 5-core cable – dry contacts and/or analogue signals (0-10 V – 4-20 mA).
- Choice of setting type: prioritise speed (t/min display) or power (display %).
- Adjustable priming time from 1 to 10 min. (max. speed).
- Incompatible with Aquarite CF+.

Details of instant consumption depending on engine rotation speed:

ROTATION SPEED (RPM)	DB(A)*	INSTANTANEOUS CONSUMPTION (W)
2 850	66.1	1 125
2 400	63.1	679
2 000	60.8	402
1 500	53.9	182

** Tests conducted on test bench at 1 bar, at 1 meter distance.*

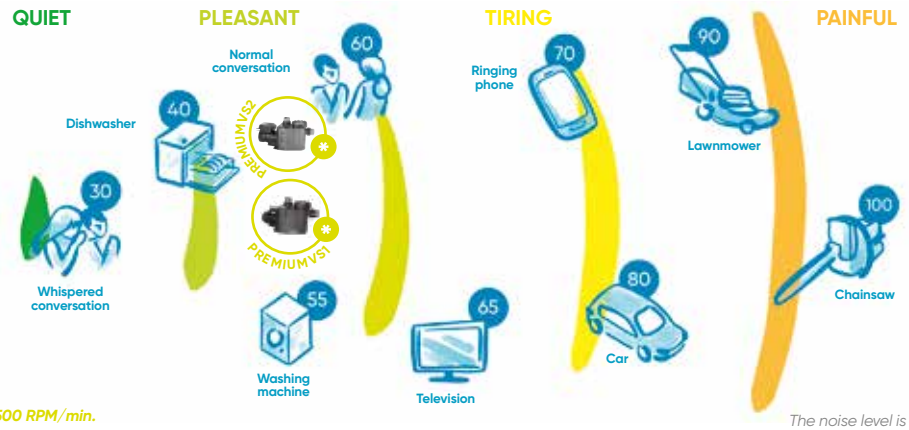
PREMIUMVS2: NEW VERSION

- Extended monitoring and slaving to additional equipment (e.g. cover, water treatment...) thanks to new connection modes:
  - Controlled via **10-core cable** – dry contacts and/or **analogue signals (0-10 V – 4-20 mA).**
  - **Modbus RS485** connection.
- Choice of setting type: prioritise speed (t/min display) or power (display %).
- Adjustable priming time from 1 to 10 min. (max. speed).
- Compatible with Aquarite CF+.

Details of instant consumption depending on engine rotation speed:

ROTATION SPEED (RPM)	DB(A)*	INSTANTANEOUS CONSUMPTION (W)
3 000	64.8	1 260
2 500	60	725
2 000	50.4	390
1 500	43.3	180
1 100	38.3	85
600	35	25

** Tests conducted on test bench at 1 bar, at 1 meter distance.*



** 50% of max. speed = 1 500 RPM/min.*

The noise level is expressed in decibels.

FLOW RATE AT TDH 10 MWC (M³/H)	P1 (KW)	P2 (HP)	P2 (KW)	POWER (A)	REF.	PRICE € EXCL. VAT
19	1.10	1.00	0.75	5	**PREMIUMVS1**	**1 549.00**
23	1.40	1.50	1.10	6.1	**PREMIUMVS2**	**2 099.00**

P1: Input power, P2: Output power.

COMING SOON!

The PREMIUMVS2 pump will be upgraded in 2026 with the integration of a timer, allowing users to programme time slots.

PRO HINT

Control your filter pump via a contact wire using the 2-channel digital clock. This eliminates the need to install a filter box.

THE ESSENTIAL FOR A SPOTLESS POOL





CF VS

The affordable variable-speed pump

- 3 variable speeds.
- Adjustable programming modes according to the swimming pool needs.
- EagleBurgmann™ mechanical seal.
- Easy to use.
- Compatible with salt treatment.

2 YEARS WARRANTY

CF

TRUST THE POOL EXPERTS

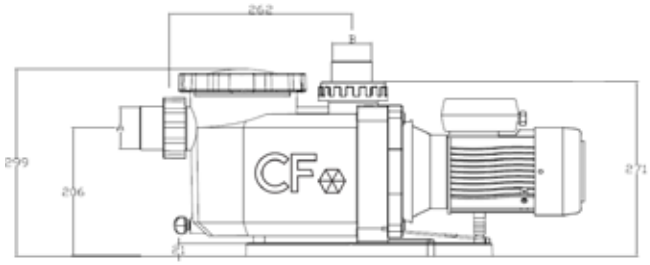
FILTRATION

RENOVATION MADE EASY

Simplify renovation with the CF range of filtration pumps

Whether fixed or variable speed, the pumps in the CF COMFORT and CF VS ranges are designed with the same body and the same suction and discharge center distances. This unique dimension offers the same installation and replacement advantages regardless of the model chosen from these ranges.

The pumps are delivered mounted on a 21 mm wedge (ZDVC73) to achieve a suction height of 206 mm. This wedge can be adjusted or removed to achieve higher or lower suction heights, making it easy to adjust the height to achieve the desired dimension of the pump to be replaced.



WEDGE	SUCTION HEIGHT (mm)
No wedge	185
ZDVC73 (included, factory assembly)	206
ZDVC72 (substitution to ZDVC73)	197
CALE10	+10mm
CALE15	+15mm

CF COMFORT & CF VS PUMPS COMPATIBILITY WITH RETROFIT SOLUTIONS

PUMP TO RENOVATE		CENTRE DISTANCES		CENTRE DISTANCES COMPATIBILITY
BRAND	RANGE	SUCTION (MM)	DISCHARGE (MM)	RETROFIT WEDGE TO USE
ASTRALPOOL®	Senext XP	183	195	Without wedge
PENTAIR	La Sta Rite VS 2	184	229	
SPECK	BADU® Prime	185	230	
BWT Pool Products	Eurostar II, Eurostar III	185	230	
AQUAGEM®	Inverpro	189	288	
HAYWARD®	Max-Flo™ / Max-Flo XL™, Max-Flo XL™ VSTD Super Pump® Pro, Super Pump® VSTD / SuperPool I	193.4 / 194 196.8 / 197	197.1 236.5	ZDVC72 x1 (substitution to ZDVC73)
KRIPSOL®	Ondina	195	180	
ZODIAC®	FloPro™, FloPro™ VS , E30iQ VS	195	240	
PENTAIR	SuperFlo® / Intelliflo 1.5 CV	195 / 196	237 / 270	
BERING	Bering VS II	197	254	
HAYWARD®	SuperPool II & VS / SuperPool II DI / Tristar®, Tristar® VSTD	204 / 207.11 / 206	234	ZDVC73 factory assembly
KRIPSOL®	Delfino KS, AEP, KS black / KS EVO	206 / 206.5	262	
ASTRALPOOL®	Sena	210.5	225.5	
BERING	Bering ONE (0.33 and 0.5 CV)	210	257	
SACI	SACI Winner	216	277	CALE10 x1
BERING	Bering ONE 0.75 to 1 CV / 1.25CV	228 / 225	273	CALE10 x2
ESPA	Noxplus, Silen Plus 2M & 3M, Silen S2 / Silen Plus 1M, Silen S	222 / 225	225	CALE15 x 1
DAB®	Europro / Euroswim (0.5 to 1 CV)	222	257	
SPECK	BADU® Easyfit VS	223	308	
ASTRALPOOL®	VBL (0.5 to 1 CV)	220	280	
BWT Pool Products	I-STAR II	225	262	
PENTAIR	Whisperflow / Whisperpro / Intelliflo 3 CV	232	253 / 252.6 / 288	CALE10 x1 + CALE15 x1
SPECK	BADU® Easyfit	230	308	
DAVEY	Silensor® PRO VS, Premium VS / Silensor® FS	230 / 233	350	
ASTRALPOOL®	New Europa	235	264	CALE15 x2
PENTAIR	Ultraflow	239	276	
ESPA	Pulso	240	280	
ASTRALPOOL®	Victoria Plus Silent VS	246	281	CALE10 x1 + CALE15 x2
ASTRALPOOL®	Niagara	250	282	CALE15 x3
PENTAIR	Challenger	256	254	CALE10 x2 + CALE15x2
BWT Pool Products	Eurostar HF VF / VS	252	275 / 318	
ASTRALPOOL®	Victoria Plus Silent	243	281	CALE10 x2 + CALE15 x1
DAB®	Europro / Euroswim (1.5 to 3 CV)	258	267	CALE10 x2 + CALE15 x2
PENTAIR	Sta Rite P2R / Sta Rite P6R Freshwater and saltwater	273 / 274	245	CALE10 x2 + CALE15x3

These brands are the property of third parties with no connection to CF group.

Compatible pumps for suction and discharge.
Compatible pumps with suction only.

FILTRATION PUMPS

CF COMFORT

Economical performance



PRODUCT BONUS

+ 2'' tapped Inlet/Outlet for better water conditions.
+ Compact and silent.
+ EagleBurgmann™ mechanical seal.
+ Adjustable suction height.
+ 3 years extended warranty*.

Bearings and mechanical seals are guaranteed for **2 years.*

- Transparent pre-filter cover with ¼ turn opening.
- Double drain plugs for easier wintering: pre-filter and pump casing.
- Supplied with 50 mm or 63 mm union fittings depending on the model, and tapped in 2''.
- Basket capacity: 2 litres.
- Spindle in 316 stainless steel.
- Pump casing and cover flange in reinforced polypropylene. 30% fiberglass.
- Adjustable suction height : the pumps are delivered mounted on a 21 mm wedge (ZDVC73) to achieve a suction height of 206 mm. This wedge can be replaced or removed to achieve higher or lower heights (see pro hint below).
- Turbine in reinforced polypropylene. 20% fiberglass.
- IE3 efficiency level class for the triple-phase range compliant with European directive 2019-1781 EU.
- P2 condenser.
- Compatible with salt treatment.

SINGLE-PHASE

POWER SUPPLY	MAX. FLOW RATE AT TDH 10 MWC (M^3/H)	P1 (KW)	P2 (HP)	P2 (KW)	POWER (A)	FITTINGS	REF.	PRICE € EXCL. VAT
Single-phase	8.5	0.68	0.5	0.37	3	50 mm	**COMF9**	**369.00**
Single-phase	13.1	0.95	0.75	0.55	4	50 mm	**COMF13**	**449.00**
Single-phase	15.2	1.15	1	0.75	5.1	63 mm	**COMF15**	**499.00**
Single-phase	17.5	1.7	1.5	1.1	6.9	63 mm	**COMF18**	**539.00**
Single-phase	20.1	2.1	2	1.5	9	63 mm	**COMF21**	**589.00**
Single-phase	27	2.6	3	2.2	12.5	63 mm	**COMF28**	**739.00**

P1: Input power, P2: Output power.

THREE-PHASE

POWER SUPPLY	MAX. FLOW RATE AT TDH 10 MWC (M^3/H)	P1 (KW)	P2 (HP)	P2 (KW)	POWER (A)	FITTINGS	REF.	PRICE € EXCL. VAT
Three-phase	16.1	1.1	1	0.75	1.9/3.3	63 mm	**COMF15T**	**499.00**
Three-phase	18	1.6	1.5	1.1	2.9/5	63 mm	**COMF18T**	**539.00**
Three-phase	21.2	2	2	1.5	3.5/6.1	63 mm	**COMF21T**	**589.00**
Three-phase	28.5	2.6	3	2.2	4.6/8	63 mm	**COMF28T**	**739.00**

P1: Input power, P2: Output power.

DON'T FORGET!

To convert your pump and enjoy the benefits of a variable flow pump, learn more about our CF VS flow regulator in the Control boxes chapter.



PRO HINT

The suction height can be adjusted using different wedges.
CALE10 and CALE15 can be stacked as many times as necessary on the pump, on the wedges ZDVC72 or ZDVC73.



	REF.	SUCTION HEIGHT (mm)	PRICE € EXCL. VAT
	No wedge	185	-
	ZDVC73 (factory assembly)	206	**20.10**
	ZDVC72 (substitution to ZDVC73)	197	**26.00**
NEW	**CALE10**	+10 mm	**20.00**
NEW	**CALE15**	+15 mm	**21.50**

FILTRATION PUMPS

CF COMFORT VS

Accessible performance from variable speed

COMFVS01 COMFVS02

CF TRUST PRODUCT

NOISELESS

3 years WARRANTY

PRODUCT BONUS

+ New software with four user-adjustable time slots.
+ Adjustable priming option (time/speed).
+ Built-in frost protection (pump launches when temperature in service room reaches 4 degrees).
+ Adjustable suction height.
+ 3 years extended warranty*.

*Bearings and mechanical seals are guaranteed for **2 years**.



COMFVS01



Touch screen



COMFVS02

- New software with four user-adjustable time slots, regardless of the days of the week.
- Very stable stand with anti-vibration pads.
- Adjustable suction height : the pumps are delivered mounted on a 21 mm wedge (ZDVC73) to achieve a suction height of 206 mm. This wedge can be replaced or removed to achieve higher or lower heights (see pro hint below).
- Wrench for translucent lid with closing stop.
- Built-in engine protection.
- Compatible with salt and sea water treatment.
- Input/Output: delivered with half-unions diameter 63 mm and tapped in 2''.
- IP55.

COMFVS01:
Details of instant use depending on engine rotation speed:

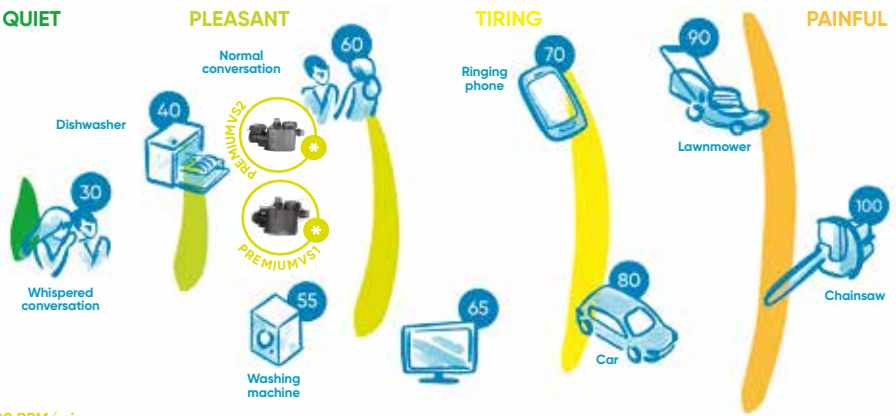
SPEED (RPM)	SPEED	DB(A)	POWER (W)
3 450	100%	68.1	1 470
2 760	80%	64.7	730
1 725	50%	55.3	200
1 200	35%	47.6	83

** Tests conducted on test bench at 1 bar.*

COMFVS02:
Details of instant use depending on engine rotation speed:

SPEED (RPM)	SPEED	DB(A)	POWER (W)
3 450	100%	73.3	2 760
2 760	80%	67.6	1 390
1 725	50%	58.3	510
1 200	35%	53.6	285

** Tests conducted on test bench at 1 bar.*



* *50% of max. speed = 1 500 RPM/min.*

The noise level is expressed in decibels.

MAX. FLOW RATE AT TDH 10 MWC (M^3/H)	P1 (KW)	P2 (HP)	P2 (KW)	POWER (A)	REF.	PRICE € EXCL. VAT
22	1.7	1.5	1.1	6.9	**COMFVS01**	**1 399.00**
30	2.6	3	2.2	12.5	**COMFVS02**	**1 929.00**

P1: Input power, P2: Output power.

PRO HINT

The suction height can be adjusted using different wedges.
CALE10 and CALE15 can be stacked as many times as necessary on the pump, on the wedges ZDVC72 or ZDVC73.



REF.	SUCTION HEIGHT (mm)	PRICE € EXCL. VAT
No wedge	185	-
ZDVC73 (factory assembly)	206	**20.10**
ZDVC72 (substitution to ZDVC73)	197	**26.00**
NEW **CALE10**	+10 mm	**20.00**
NEW **CALE15**	+15 mm	**21.50**

FILTRATION PUMPS

CF VS

The affordable variable-speed filtration pump

CFPVS01

CF TRUST PRODUCT

2 years WARRANTY



PRODUCT BONUS

+ EagleBurgmann™ mechanical seal.
+ 3 programming modes.
+ Easy to use.
+ Adjustable suction height.

- Three programming modes:
  - Manual function with different filtration speed selection.
  - Easy cyclic program function with single timer in 24h.
  - Daily Program function up to 8 timers selection with different filtration speed according to the swimming pool needs.
- Supplied with 63 mm union fitting and tapped in 2''. 50 mm union fitting is also supplied in the packaging with specific manual.
- Adjustable suction height : the pumps are delivered mounted on a 21 mm wedge (ZDVC73) to achieve a suction height of 206 mm. This wedge can be replaced or removed to achieve higher or lower heights (see pro hint below).
- Intelligent protection built-in overvoltage, undervoltage, overload, short circuit.
- Clear menu, easy operation.
- Designed to work with clean water at temperature not exceeding 35 °C.
- Basket size: 1.4 L.
- Delivered with union fittings and 1.5 meter power cable with plug.
- Salt water compatible up to 5 g/L.
- IPX5.
- IE4 motor.

POWER SUPPLY	MAX. FLOW RATE AT TDH 10 MWC (M^3/H)	P1 (KW)	P2 (HP)	P2 (KW)	POWER (A)	REF.	PRICE € EXCL. VAT
Single-phase	17	1.4	1	0.75	8	**CFPVS01**	**789.00**

SPEED (RPM)	SPEED	DB (A)	POWER (W)
3 450	100	70	600 - 1 400
2 850	80	66	400 - 800
1 500	50	63	100 - 200

PRO HINT

The suction height can be adjusted using different wedges.
CALE10 and CALE15 can be stacked as many times as necessary on the pump, on the wedges ZDVC72 or ZDVC73.



REF.	SUCTION HEIGHT (mm)	PRICE € EXCL. VAT
No wedge	185	-
ZDVC73 (factory assembly)	206	**20.10**
ZDVC72 (substitution to ZDVC73)	197	**26.00**
NEW **CALE10**	+10 mm	**20.00**
NEW **CALE15**	+15 mm	**21.50**

FILTRATION SOLUTIONS PACKS

CF PACK

A complete filtration solution for pools from 25 to 70 m³

CF TRUST PRODUCT



Pictures not contractually binding

POOL	6 X 3 M	8 X 4 M	10 X 5 M
CF COMFORT SAND FILTER, FILTER GLASS, FILTRATION PUMP AND CONTROL BOX			
Sand filter CF COMFORT	CFFP500S x 1	CFFP500S x 1	CFFP650S x 1
Filter glass ref. ECOPURE1 (25 kg bag)	ECOPURE1 x 3	ECOPURE 1 x 3	ECOPURE1 x 5
Filter glass ref. ECOPURE2 (25 kg bag)	ECOPURE2 x 1	ECOPURE2 x 1	ECOPURE2 x 2
Filtration pump CF COMFORT	COMF9 x 1	COMF9 x 1	COMF15 x 1
Electrical control box CF COMFORT	BOXCOMFFL100463 x 1	BOXCOMFFL100463 x 1	BOXCOMFFL100463 x 1
FITTINGS FOR THE FILTERBOXES			
Manfold	COLLECTEUR50 x 1	COLLECTEUR50 x 1	COLLECTEUR502 x 1
Valve	VLVA50 x 6	VLVA50 x 8	VLVA50 x 10
Reducing bush	/	/	6350RED x 5
Tee	50T x 1	50T x 3	63T x 5
Elbow	5090COU x 10	5090COU x 10	6390COU x 10
Pool-Tite® glue	PT250 x 1	PT250 x 1	PT500 x 1
Pipeclip	50COL x 10	50COL x 10	50COL x 10
Rigid tub	PN50120 x 5	PN50120 x 5	PN63120 x 4 PN50120 x 2
BY-PASS			
Reducing bush	/	/	6350RED x 2
Tee	50T x 2	50T x 2	63T x 2
Valve	VLVA50 x 3	VLVA50 x 3	VLVA50 x 2 VLVA63 x 1
Elbow	5090COU x 2	5090COU x 2	5090COU x 2
PVC pipe 1.2 m length	PN50120 x 2	PN50120 x 2	PN50120 x 1 PN63120 x 1
Pool-Tite® glue	PT118 x 1	PT118 x 1	PT250 x 1
ELECTRICAL CABLE AND CONDUIT			
Wire	5 m of 3 x 1.5 mm²	5 m of 3 x 1.5 mm²	5 m of 3 x 1.5 mm²
Conduit 1 m length	x 3	x 3	x 3
Clip for protective pipe	x 10	x 10	x 10
REF.	**CFPACK25**	**CFPACK45**	**CFPACK70**
PRICE € EXCL. VAT	**1 707.90**	**1 767.10**	**2 203.10**

FILTERBOXES

EMPTY FILTERBOXES

CF TRUST PRODUCT

2 years WARRANTY EQUIPMENTS

PRODUCT BONUS

+ Sober and elegant design.
+ Thick panels retaining noise.
+ Available in 2 versions : "mounted - ready to install" or "DIY - to be assembled".



Z00497 /Z00496



Z00487

Cylinder mounted lid

Mounted version ready to install:

- Easy and compact, to install quickly any type of filterboxes.
- Qualitative shelter for both aboveground or underground filterboxes.
- Composed of reinforced high density foam panel for a perfect protection of your technical equipment, and an aluminium frame both light and robust.
- Easy access for maintenance, thank to cylinder-mounted lid, removable cross support bar and wide opening door.
- With secured key lock.
- Ref. : Z00497 / Z00496 / Z00487.

DIY version to assemble:

- Premium Plus and Premium filterboxes are also available in a DIY version for self-assembly.
- Colour: silver.
- Requires 2 people to assemble the filterbox.
- Assembly time: 1.5 hour.
- Ref. : Z00499 / Z00466.
- Flat packaging delivery, dimensions:
  Premium Plus: H-35 cm, W-120 cm, L-230 cm
  Premium: H-35 cm, W-120 cm, L-205 cm



Z00499 / Z00466





Filterbox to be assembled

ABOVE-GROUND

DESCRIPTION	EXTERNAL DIMENSIONS	COLOUR	REF.	PRICE € EXCL. VAT
Filterbox Premium Plus	2.12 x 1.00 x 1.16 m	Carbon	**Z00497**	**3 190.00**
Filterbox Premium	1.82 x 1.00 x 1.03 m	Carbon	**Z00496**	**2 990.00**
Filterbox Small	0.99 x 1.00 x 1.03 m	White	**Z00487**	**1 590.00**
NEW Filterbox Premium Plus DIY	2.12 x 1.00 x 1.16 m	Silver	**Z00499**	**2 690.00**
NEW Filterbox Premium DIY	1.82 x 1.00 x 1.03 m	Silver	**Z00466**	**2 390.00**

INFO

Further options available: please contact Pool Partner.

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CONTROL BOXES

MULTIFUNCTION CUSTOM-MADE CABINETS FOR COMMERCIAL SWIMMING POOLS



Presentation example of a custom-made cabinet

- Custom-made cabinets meet the specific requirements of commercial swimming pools, in particular §702.46 of standard NF C 15-100, which imposes an emergency device near the pool that if the need arises instantly stops the "suction" effect of the intake gratings.

Features:
- The components are selected from the offers of the leading electrical equipment manufacturers.
- The cabinets are assembled in France and factory-tested before shipment.
- They are supplied already wired with an expanded wiring diagram and connection instructions.
- The back plates have pre-drilled holes fitted with cable glands for running the connection cables through.

Many add-on functions possible:
- Single or three-phase power supply.
- One or more manually operated filter pumps (selector switch, pneumatic control) and/or timer-controlled running reserve pumps.
- Lighting management.
- The water level control.
- Outlets with or without interlocking for feeding water treatment or heating systems.
- Cleaner protection and control.
- Equipment fault management with visual and/or audible alarms.
- An offset wired control unit.
- Offset and local emergency device (near the pool).

Certain practical functions can also be included, such as:
- Equipment room lighting.
- One or more service power sockets.
- Frost protection of the water circuit.

INFO

Cabinets subject to quotation and made to order (approximately 4 weeks delay). We can realize for a free study for commercial swimming pools. To establish your custom-made cabinet quote, please fill in the information card opposite entitled “Custom-made cabinet” and e-mail it to **support@cf.group**

PRO HINT

Commercial swimming pools and lag facilities need a custom-made electrical cabinet. This is because a made-to-measure cabinet featuring several functions can be installed in place of several control boxes.

MULTIFUNCTION CUSTOM-MADE CABINETS FOR COMMERCIAL SWIMMING POOLS

TO PHOTOCOPY

Questionnaire to fill in and return to support@cf.group for a study for a commercial swimming pool.

CALCULATE A CUSTOM-MADE CABINET

Company: ..... Contact: .....

Telephone number: ..... Reference: .....

PUMP CONTROL

PUMP DETAILS	P1 POWER (IN KW)	SINGLE OR THREE-PHASE
Pump no. 1; Text on label; FILTRATION 1		
Pump no. 2; Text on label; FILTRATION 2		
Pump no. 3; Text on label; _____		
Pump no. 4; Text on label; _____		
Pump no. 5; Text on label; _____		
Pump no. 6; Text on label; _____		
Pump no. 7; Text on label; _____		
Pump no. 8; Text on label; _____		
Pump no. 9; Text on label; _____		
Pump no. 10; Text on label; _____		
PUMP CONTROL OPTIONS:		
Pneumatic control < 6 mL (by contactor)	Qty	
Pneumatic controls > 6mL (by monostat, remote box IP55 102 x 102 x 55 supplied)	Qty	
Coupling (Pump(s) no. ..... on pump no. .....)	Qty	
Piezo contacts pump _____	Qty	
Switch connect clock	Qty	
Digital frost protection control	Qty	
Pump hour meter	Qty	
Progressive start pump no. ..... pump no.		

HEATING OR RELATED CONTROLS

PRE-HEATER OUTPUT ON TERMINALS: PROTECTION BY TETRAPOLAR CIRCUIT-BREAKER CURVE C, NOT COUPLED	
Protection 10 A P + N curve C (max. 2 kW Single-phase)	Qty
Protection 20 A P + N curve C (max. 4 kW Single-phase)	Qty
Protection 32 A P + N curve C (max. 7 kW Single-phase)	Qty
Protection 10 A 3P + N curve C (max. 6 kW Three-phase)	Qty
Protection 20 A 3P + N curve C (max. 13 kW Three-phase)	Qty
Protection 32 A 3P + N curve C (max. 22 kW Three-phase)	Qty
OUTPUT HEAT PUMP/DEHUMIDIFIER/ADDITIONAL CONTROL BOXES: PROTECTION BY CIRCUIT-BREAKER CURVE D, NOT COUPLED	
Protection 10 A P + N curve D (Single-phase)	Qty
Protection 16 A P + N curve D (Single-phase)	Qty
Protection 20 A P +N curve D (Single-phase)	Qty
Protection 32 A P + N curve D (Single-phase)	Qty
Protection 10 A 3P + N curve D (Three-phase)	Qty
Protection 16 A 3P + N curve D (Three-phase)	Qty
Protection 20 A 3P + N curve D (Three-phase)	Qty
Protection 32 A 3P + N curve D (Three-phase)	Qty
Protection 40 A 3P + N curve D (Three-phase)	Qty
Protection 63 A 3P + N curve D (Three-phase)	Qty

OUTGOING WATER TREATMENT LINES

Coupling (on pump(s) no. .....)	Qty
220 V 6 A output	Qty
Coupling supply output 220 V (Pump(s) no. .....)	Qty
Interlocked dry contacts on pump(s) no. .....)	Qty
Coupling powered contacts (on pump(s) no. .....)	Qty
0/1 switch for treatment control	Qty
Control with running reserve clock	Qty

PROJECTOR CONTROLS

UPSTREAM PROTECTION BY CIRCUIT-BREAKER CURVE C, PROTECTION ON SECONDARY BY FUSE, CONTROL OFF/MANU ON THE FRONT PANEL, NO INDICATOR, TO CONNECT DIRECTLY UNDER THE CORRESPONDING FUSE HOLDERS.	
Up to 120W (2 x 60 W) (number of output(s):.....)	Qty
Up to 300W (6 x 50 W/10 x 30 W) (number of output(s):.....)	Qty
Up to 300 W (1 x 300 W)	Qty
Up to 600 W (2 x 300 W)	Qty
Piezo contacts	Qty
Control with running reserve clock	Qty
Pneumatic control < 6 mL (by contactor)	Qty
Pneumatic controls > 6mL (by monostat, remote box IP55 102 x 102 x 55 supplied)	Qty
Remote control kit 1 channel with antenna (max 240W or 6 LEDs)	Qty
Remote control kit 4 channels with antenna (max 4x115W or 4x3 LEDs)	Qty

WATER LEVEL CONTROLS

LEVEL CONTROL (E.V. EV24 SUPPLIED), SENSORS INCLUDED, TO BE WIRED ON SITE, TIME-DELAY + LEVEL RELAY, ON/OFF/AUTO SWITCH ON FRONT PANEL	
Control 2 swimming pool filling sensors	Qty
Control 3 buffer tank level sensors	Qty
Control 5 buffer tank level sensors + pump safety	Qty
Control 7 buffer tank level sensors + pump safety + overflow safety	Qty

FOOTBATH CONTROL

0/1 switch	Qty
Running reserve clock	Qty

CONTROLS FOR COMMERCIAL SWIMMI-NG POOL

CLOGGING ALARM	
1 acknowledgement pushbutton, Buzzer on the front panel	Qty
Indicator(s) (1 per filter)	Qty
Pressure switch(es) (1 per filter)	Qty
EMERGENCY STOP	
Emergency stop and indicator on the front panel of the cabinet. Prewiring of the offset emergency stop	Qty
Offset emergency stop box with pane of glass (without hammer)	Qty

SOCKET ON FRONT PANEL

Socket on front panel 2P+E 16 A	Qty

Max. size of terminal : 35mm² - other sizes upon request

CONTROL BOXES

CUSTOM-MADE CONTROL BOXES FOR PRIVATE SWIMMING POOLS

The over-equipped control box



PRODUCT BONUS

+ For pools with a high level of equipments or particularly complex pools, save time: install only one box!

Description of custom-made control boxes:

BASE
Filter pump control and protection + Two coupled outputs for water treatments

+

FUNCTIONS
LED lighting outputs 2 x 50 W
LED lighting outputs 4 x 25 W
Booster control and protection
40 A - 30 mA residual current circuit-breaker
Power socket on the front panel
Output for cover control box
Output for heat pump
Control for 1/3 sensors
Counter-current swimming pump
Booster pump

Using the basic configuration, tailor the box to your installation by adding the functions you need to a set of 54 IP65 modules:

BASE:
- Control and protection of a filter pump with clock timer and prewiring on forced on/off function terminals.
- Two 230 V – 2 A outputs interlocked with filtration (to power the water treatment devices).

FUNCTIONS:
Options to be chosen from up to 54 modules and with maximum 40 A.

- LED lighting: 2 12 V – 50 W outputs or 4 12 V – 25 W outputs with protections.
- Control and protection of a booster with clock timer and the possibility of connecting a flow controller to protect the booster against running empty, in particular during backwashing.
- 30 mA residual current circuit-breaker for protection against insulation faults.
- 230 V – 10 A power socket on the front panel of the box.
- 230 V – 6 A output for powering a cover.
- 230 V 10, 16 or 20 A curve D output for powering a heat pump.
- Level control 1 or 3 sensors.
- Control and protection of a counter-current swimming pump.
- Control and protection of a booster pump.

INFO

Delivered wtih electric diagram and technical manual. All boxes are factory tested. Count with approximately 4 weeks delay.

PRO HINT

Coupling or coupled outputs enable devices only if the filter pump is powered up. To ensure user safety and avoid damaging the installation, it is essential to connect automatic treatment devices to it (feed pump/electrolyser) and carefully handle the valves on the hydraulic circuit.

CUSTOM-MADE CONTROL BOXES FOR PRIVATE SWIMMING POOLS

TO PHOTOCOPY

Questionnaire to fill in and return to support@cf.group

CONFIGURE YOUR CUSTOM-MADE BOX OBSERVING A MAXIMUM OF 40 A OR 54 MODULES:

Functions	Additional information	Power (A)	Space used calculation (number of modules)	Price € excl. VAT
Base	**Pump:** ☐ Single-phase ☐ Three-phase **DMT rating:** ☐ 1 to 1.6 A ☐ 1.6 to 2.5 A ☐ 2.5 to 4 A ☐ 4 to 6.3 A ☐ 6.3 to 10 A ☐ 10 to 14 A	☐ 5.6 A ☐ 6.5 A ☐ 8 A ☐ 10.3 A ☐ 14 A ☐ 18 A	**Clock:** ☐ Standard ☒ 20	Connected ☐ **223.40** ☒ **413.40**
LED lighting outputs	☐ 2 x 50 W ☐ 4 x 25 W	☐ 0.5 A ☐ 0.5 A	☐ 2 ☐ 4	☐ **173.80** ☐ **185.70**
Booster (for pressure cleaner) control and protection	**Pump:** ☐ Single-phase ☐ Three-phase **DMT rating:** ☐ 1.6 to 2.5 A ☐ 2.5 to 4 A ☐ 4 to 6.3 A	☐ 2.5 A ☐ 4 A ☐ 6.3 A	☐ 12	☐ **215.90**
40 A - 30 mA residual current circuit-breaker	☐ Single-phase ☐ Three-phase	-	☐ 2 ☐ 4	☐ **129.60** ☐ **154.40**
Power socket on the front panel	☐ PC 2P+T 10 A	☐ 10 A	☐ 4	☐ **92.80**
Output for cover control box	☐ Power socket P+N 6A	☐ 6 A	☐ 3	☐ **81.00**
Output for heat pump	**Rating:** ☐ 10 A Single-phase ☐ C ☐ D ☐ 16 A Single-phase ☐ C ☐ D ☐ 20 A Single-phase ☐ C ☐ D ☐ 10 A Three-phase ☐ C ☐ D	☐ 10 A ☐ 16 A ☐ 20 A ☐ 10 A	☐ 2 ☐ 2 ☐ 2 ☐ 4	☐ **117.60** ☐ **117.60** ☐ **117.60** ☐ **141.40**
Control for 1/3 sensors	☐ 1 sensor ☐ 3 sensors	☐ 2 A	☐ 6	☐ **389.60**
Control and protection of counter-current swimming	**Pump:** ☐ Single-phase ☐ Three-phase **DMT rating:** ☐ 1 to 1.6 A ☐ 1.6 to 2.5 A ☐ 2.5 to 4 A ☐ 4 to 6.3 A ☐ 6.3 to 10 A ☐ 10 to 14 A	☐ 1.6 A ☐ 2.5 A ☐ 4 A ☐ 6.3 A ☐ 10 A ☐ 14 A	**Clock:** ☐ Standard ☐ Connected ☐ 10	☐ **185.70**
Booster control and protection	**Pump:** ☐ Single-phase ☐ Three-phase **DMT rating:** ☐ 1 to 1.6 A ☐ 1.6 to 2.5 A ☐ 2.5 to 4 A ☐ 4 to 6.3 A ☐ 6.3 to 10 A ☐ 10 to 14 A	☐ 1.6 A ☐ 2.5 A ☐ 4 A ☐ 6.3 A ☐ 10 A ☐ 14 A	☐ 12	☐ **215.90**
		Total (max. 40 A):	**Total (max. 54):**	**Total:**

Studies of other configurations are possible on request, contact **support@cf.group**

CONTROL BOXES

SWITCH CONNECT

The connected clock for economical and responsible management of your pool

CF TRUST PRODUCT · LivePool COMPATIBLE · HOUSE'S WIFI 2.4 GHz (5 GHz not compatible) · Available on the App Store · GET IT ON Google Play · 2 years WARRANTY

PRODUCT BONUS

+ Bold and uncomplicated touch screen.
+ Timer plugable on every standard control box equipped with a DIN rail: a first step into LivePool environment!





Air T° sensor



Water T° sensor



This timer integrates the LivePool technology for a smart and connected pool.
The LivePool equipments optimise their operation by communicating with each other via the local, private and secure wireless network (Wifi) of the consumer.

FEATURES:

- Switch Connect is a modular connected clock controlling filtration, lighting and a booster or an auxiliary pump (boosting for instance).
- Fitted in standard control boxes (on a DIN rail provided there is sufficient room).
- Automatic pairing of the swimming pool's other LivePool devices.
- No electrical coupling required between the LivePool devices.
- Local or remote connectivity.
- Secure access to the application.
- Dimensions: width 7.2 cm (4 modules), height 9 cm, depth 6.5 cm.

FILTRATION:

- Filter pump contactor winding controlled by dry contact.
- 3 filtration modes: manual, timer and automatic according to water temperature.
- Water and air temperature display (sensors required).
- Digital temperature sensors with stainless steel head and 5-metre cable.
- Pipe saddle for water sensor not supplied. Wall mounting system for air sensor supplied.
- Integrated frost protection function (sensor supplied).
- Maintenance mode activated directly on the box to manually control filtration and inhibit the application (to backwash the filter or for use without the mobile app).
- Diode on the front panel of the box indicating the pump's operating state.

LIGHTING:

- Control of the primary of the lighting transformer by dry contact.
- Management of white and RGB LED bulbs.
- Manual or programmable mode according to 3 time ranges.
- Auto power off mode configurable from the LivePool application.
- Sequential colour changes configurable in the LivePool application for RGB leds.
- Diode on the front panel of the box indicating the lighting's operating state.

BOOSTER OR AUXILIARY PUMP:

- Control of the contactor coil of the booster or auxiliary pump by dry contact.
- 2 operating modes: manual and clock.
- 3 operating ranges in clock mode.
- Option to have the output slaved to the filtration pump (for use with a booster) or not (for use with an auxiliary pump for instance).
- Diode on the front panel of the box indicating the booster's or auxiliary pump's operating state.

DESCRIPTION	REF.	PRICE € EXCL. VAT
Connected timer for filter pump/lighting/booster **without water and air temperature sensors**	**SCONNECT1***	**251.70**
Connected timer for filter pump/lighting/booster **with water and air temperature sensors**	**SCONNECT2***	**398.80**
Air T° sensor	**AIRTEMPC**	**63.30**
Water T° sensor	**WATTEMPC**	**108.40**
Single box 6 modules to integrate a Switch Connect in case of a clock on the front	**CDN6PT**	**37.40**

** Until Vitalia stock depletion.*

INFO

Discover our connected pH and RX Connect dosing pumps in the Watercare chapter.

DON'T FORGET!

Already have a LivePool account? Scan the QR code affixed to the product for easy pairing!

DON'T FORGET!

Use **LIVEPOOL EXTENDER**, a powerline repeater that brings the WiF i connection close to your technical room to improve the operation of your pool equipment.



REF.	PRICE € EXCL. VAT
LPEXT	**69.00**

CF VS FLOW REGULATOR

Your filter pump transformed for more savings and less noise

CF TRUST PRODUCT | HOUSE'S WIFI 2.4 GHz | NOISELESS | 2 years WARRANTY

NEW VERSION





Touch screen



7-pin connector for additional input

PRODUCT BONUS

+ Easy to use.
+ Intuitive touch screen.
+ Connected for an easy programming from your smartphone.
+ Now for pumps up to 2.2 kW.

CONVERT YOUR SET OF FIXED SPEED PUMPS TO VARIABLE SPEED PUMPS!

• Suitable for most single-phase pumps on the market.
• Prolongs the service life of single-phase pumps by varying their speed: you no longer need to buy a variable speed pump!
• Environmentally responsible: slow velocity of flow in your filter improves filtration and cuts greenhouse gas emissions.

- 3 predefined modes: night (1400 rpm) / day (2000 rpm) / backwash (2900 rpm). Each speed can be configured in 50 rpm increments.
- An auxiliary contact with easy 7-pin connector is provided for interlocking purposes e.g. for automated water treatment or for additional wire connection e.g. for frost protection.
- A clock timer function is available for setting 4 timeslots per day.
- Clear real-time display of energy input on a touch screen or from your smartphone thanks the Smart Life App.
- **For new or renovation projects, the return on investment for your customer is less than 36 months.**

Energy savings

ECO MODE up to -52.1 %

SILENCE MODE up to -66.6 %

Sound reduction

ECO MODE up to -21.7 %

SILENCE MODE up to -39.5 %

*data certified by TÜV Rheinland®.

TÜVRheinland®

DESCRIPTION	REF.	PRICE € EXCL. VAT
CF VS flow regulator box for pumps of up to 12 A/2.2 kW	**COFVSN02**	**349.00**

CONTROL BOXES

CF PREMIUM ELECTRICAL BOX

The connected electrical box for secure, economical and responsible management of your pool

CF TRUST PRODUCT | LivePool COMPATIBLE | 3 years WARRANTY

PRODUCT BONUS

+ Manage securely your filtration pump, your pool lights up to 100 W and an additional booster pump.
+ Easy pairing to the connected timer for full remote control.
+ Trigger filtration automatically depending on water temperature.



Filtration + Lighting 100 W + Booster



Switch Connect connected timer integrated to the control box as standard

Our CF Premium electrical boxes are equipped, as standard, with the **connected timer clock Switch Connect**. To discover all the functions of this timer clock, please see page 46. **The appropriate circuit breaker for the pump protection is included** and already mounted in the box.

FUNCTIONS:

• One 230V - 6 A output interlocked with filtration (powering automatic water treatment).
• Direct access to the components.
• Right/left reversible translucent door.
• Protection of the control circuit and primary circuit of the transformer.
• Cable gland input/output.
• Sealed caps on switches.
• Easy handling with front switch and and easy-to-understand pictograms.
• Large enclosure allowing the addition of components.
• Double integrated hinges.
• Removable front panel for easy wall mounting of the box.
• Connector for quick removal of the front panel.
• Box with a minimum of 12 modules.
• IP55 box.

The box is delivered with a single-phase wiring, with instructions for performing the three-phase cabling if needed.

POWER SUPPLY	SINGLE-PHASE			THREE-PHASE	
PUMP POWER (HP)	**¾ HP - 1 HP**	**1.5 HP - 2 HP**	PRICE € EXCL. VAT	**3 HP**	PRICE € EXCL. VAT
FILTRATION + 1 TRANSFORMER 2 X 50 W	**BOXPREMFL100463**	**BOXPREMFL1006310**	**549.00**	**BOXPREMFL100463**	**549.00**
FILTRATION + 1 TRANSFORMER 2 X 50 W + SINGLE-PHASE BOOSTER	**BOXPREMFBL100463**	**BOXPREMFBL1006310**	**699.00**	**BOXPREMFBL100463**	**699.00**

INFO

This control box is supplied WITHOUT water and air temperature probes. See p46 to complete the Switch Connect.

See our components on p. 344.

CF COMFORT ELECTRICAL BOX

The control box for secure, programmable management of your pool's main functions

CF TRUST PRODUCT

3 years WARRANTY

PRODUCT BONUS

+ Manage securely your filtration pump and your pool lights from 100 to 300 W, and an additional booster pump.
+ Easy to install, pre-mounted circuit breaker.
+ Access to the components for easy maintenance.





Our CF Comfort control boxes are equipped, as standard, with an easy to access **front timer clock** and **mounted circuit breaker** according to your pump power.

FUNCTIONS:

- Direct access to the components.
- Protection of the control circuit and primary circuit of the transformer.
- Cable gland input/output.
- Sealed caps on switches.
- Easy handling with front switch and and easy-to-understand pictograms.
- Double integrated hinges.
- Removable front panel for easy wall mounting of the box.
- Connector for quick removal of the front panel.
- Box with a minimum of 9 or 12 modules (with right/ left reversible translucent door).
- IP55 box.

The box is delivered with a single-phase wiring, with instructions for performing the three-phase cabling if needed.

POWER SUPPLY	SINGLE-PHASE			THREE-PHASE	
PUMP POWER (HP)	**¾ HP - 1 HP**	**1.5 HP - 2 HP**	PRICE € EXCL. VAT	**3 HP**	PRICE € EXCL. VAT
FILTRATION + 1 TRANSFORMER 2 X 50 W	**BOXCOMFFL100463**	**BOXCOMFFL1006310**	**279.00**	**BOXCOMFFL100463**	**279.00**
FILTRATION + 1 TRANSFORMER 1 X 300 W	**BOXCOMFFL300463**	**BOXCOMFFL3006310**	**309.00**	**BOXCOMFFL300463**	**309.00**
FILTRATION + 1 TRANSFORMER 2 X 50 W + SINGLE-PHASE BOOSTER	**BOXCOMFFBL100463**	**BOXCOMFFBL1006310**	**429.00**	**BOXCOMFFBL100463**	**429.00**
FILTRATION + 1 TRANSFORMER 1 X 300 W + SINGLE-PHASE BOOSTER	**BOXCOMFFBL300463**	**BOXCOMFFBL3006310**	**459.00**	**BOXCOMFFBL300463**	**459.00**

PRO HINT

Do not forget to slave your water treatment devices via the filtration pump contactor.

INFO

See our components on p. 344.

CONTROL BOXES

CF ELECTRICAL BOX

The control box that combines safety and comfort

CF TRUST PRODUCT

2 years WARRANTY

PRODUCT BONUS

+ The affordable solution to manage smaller pools securely.
+ Program easily your filtration pump and switch on/off your pool lights up to 50 W.
+ Easy to install, pre mounted circuit breaker.



Filtration only



Filtration + Lighting 50W

FUNCTIONS:

• Easy to operate with switch on the front panel and easy-to-understand pictograms.
• Easier handling and connections thanks to the lowered bottom of the box.
• Easier wiring thanks to the hinged front panel and the cable glands positioned opposite the terminal screws.
• A cable stop eliminates any risk of the live power cable being wrenched out.
• Input/Output via cable gland.
• IP20 box.

The box is delivered with a single-phase wiring, with instructions for performing the three-phase cabling if needed.

POWER SUPPLY	SINGLE-PHASE			THREE-PHASE	
PUMP POWER (HP)	**¾ HP - 1 HP**	**1.5 HP - 2 HP**	PRICE € EXCL. VAT	**3 HP**	PRICE € EXCL. VAT
FILTRATION OR BOOSTER	**BOXF463**	**BOXF6310**	**159.00**	**BOXF463**	**159.00**
FILTRATION + 1 TRANSFORMER 1 X 50 W	**BOXFL50463**	**BOXFL506310**	**199.00**	**BOXFL50463**	**199.00**

• Dedicated version for SINGLE-PHASE pumps only, up to 10 A, with buit-in thermal protection against overheating
• Can monitor up to 2 regular LEDs, below 35W



Filtration + Lighting 35W

DESCRIPTION	REF.	PRICE € EXCL. VAT
FILTRATION + 1 TRANSFORMER 1 X 35 W **for single-phase pumps up to 10A only**	**BOXFL3510**	**169.00**

INFO

See our components on p. 344.

PRO HINT

Do not forget to slave your water treatment devices via the filtration pump contactor.

INFINITY

Your overflow pool can finally be secured

CF TRUST PRODUCT · INFINITY POOL · 2 years WARRANTY · NF P NORM 90-308 SAFETY



Picture not contractually binding

PRODUCT BONUS

+ Enables compliance with NF P 90-308 relating to watershed protection*.
+ Fully automated overflow regulation thanks to "Secured Level Control" technology.

* On the condition that the required locker systems are set up manually.

- Hydraulic piloting and control on infinity pool's automatic shutter.
- Thanks to the "Secured Level Control" technology, your shutter closes on an infinity pool at an adjusted level, thus avoiding the risks of accidents related to overflows.
- Filtration start-up depending on whether shutter is open/closed, in accordance with EN16713 "filtration - treatment" standards.
- Warning light for water level compliance.
- Economical and environmentally friendly:
  - Pool's levels are adjusted in a closed circuit with no waste and no need to add water,
  - Can reduce heat loss and use of chemical products.
- Requires addition of a special pump for creating a closed circuit to filter pool water without overflowing.
- The thermal magnetic circuit-breaker is not included in the kit and must be purchased separately according to the chosen pump power.

KIT INCLUDES:
- Piloting unit, single-phase or three-phase connection, IP55.
- 2 check valves.
- 1 automatic valve, 50 or 63 mm fittings.
- 5 stainless steel sensors + adequate crystal pipe for installation.

INFO

Scan this QR Code to discover the hydraulic installation.

DESCRIPTION	REF.*	PRICE € EXCL. VAT
Box for compliance of the cover of a mirror or infinity pool , fittings diam. 50 mm	**INFINITY50**	**1 549.00**
Box for compliance of the cover of a mirror or infinity pool, fittings diam. 63 mm	**INFINITY63**	**1 579.00**

** Until Vitalia stock depletion.*

DON'T FORGET!

To create your branched circuit, see our CF Premium and CF Comfort filtration pumps in the Filtration chapter of this catalogue.

PRO HINT

For pools bigger than > 90 m³, add an additional automatic valve. It is advisable to choose the kit with box Infinity for 63 mm diameter fittings to minimize load losses.

INFO

See our range of thermal magnetic circuit-breakers p. 344.



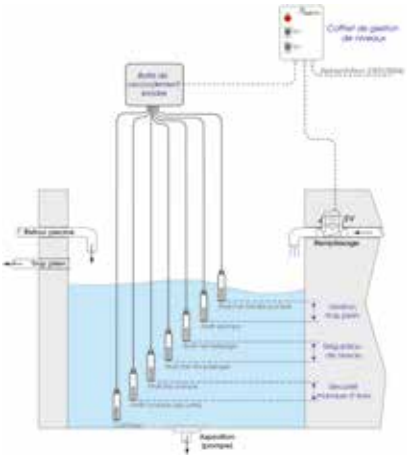
7-SENSOR BOX

Level control box

- Compatible by cabling with all "conventional" boxes.
- Single-phase connection only.
- The control box manages an overflow swimming pool and 3 water levels:
  - safety ensured by stopping the pump before water is lacking,
  - a filling area by activation of a 24-Volt solenoid valve,
  - overflow prevention by restarting the pump if the water level is too high.
- Supplied with a solenoid valve and 7 stainless steel sensors.
- Protection rating: IP20.



REGNIV5SE/REGNIV7SE
Picture not contractually binding.



Wiring diagram for the 7-sensor buffer tank control box

3-SENSOR BOX

Level control box

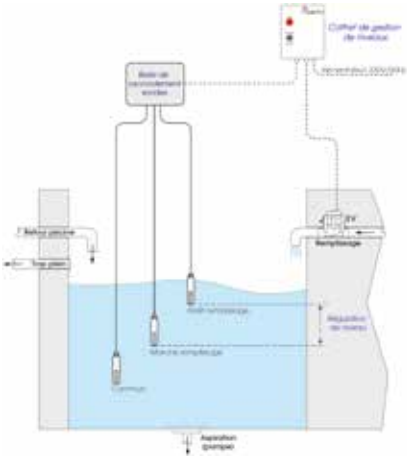
- Automatic filling box.
- Supplied with a solenoid valve and 3 stainless steel sensors.
- Protection rating: IP20.

REGNIV1SE





REGNIV1SE/REGNIV3SE
Picture not contractually binding.



Wiring diagram for 3-sensor level control box

DESCRIPTION	REF.	PRICE € EXCL. VAT
7-sensor pump protection control box + solenoid valve control + pump forcing	**REGNIV7SE**	**812.50**
5-sensor pump protection control box + 24 VAC filling solenoid valve control	**REGNIV5SE**	**662.90**
3-sensor control box + 24 VAC filling solenoid valve control	**REGNIV3SE**	**506.60**
1-sensor control box with double electrode + 24 VAC filling solenoid valve control	**REGNIV1SE**	**484.60**

INFO

All level control boxes are supplied with a solenoid valve.

See our components on p. 344.

LEVEL CONTROL SOLO

Level control box

CF TRUST PRODUCT

2 years WARRANTY

dinotec
Water & Pool Technology



- Level control box for managing an overflow swimming pool via a buffer tank.
- Three levels: pump safety, filling and manual override.
- Levels controlled by programming.
- Controls a 24 V or 230 V solenoid valve (not supplied).
- Protection: IP65.
- Measuring range: 0 to 2.50 m.
- 10-metre pipe supplied.
- Easy to install and very reliable.

DESCRIPTION	REF.	PRICE € EXCL. VAT
Level control solo 3 levels - bubbler	**LEVEL**	**910.90**

PRO HINT

A single sensor in the buffer tank controls three levels thanks to water pressure measurement.
Max. height: 2.50 m.
Supplied with 10 meters of crystal tube.

INFO

Solenoid valves available on p. 344.

See our components on p. 344.

CONTROL BOXES

SWITCH BOX

CF TRUST PRODUCT

2 years WARRANTY

The switch box allows to:
- protect people thanks to its 30 mA residual current protective device,
- power and protect the options: pH control, automatic cover, etc.

- 2-pole 30 mA residual current circuit-breaker.
- Protection rating: IP65.
- **COFDISM:** 3 single-phase 10 A outputs + 2 single-phase 16 A outputs.
- **COFDIST:** 4 single-phase outputs + 1 tree-phase outputs.



POWER SUPPLY	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Single-phase	102688	**COFDISM**	**334.00**
Three-phase	105030	**COFDIST**	**599.00**

INFO

Different sizes of boxes will be supplied according to the chosen options.

See our components on p. 344

HEAT PUMP BOX

Protection box

CF TRUST PRODUCT

2 years WARRANTY

- Protection box for heat pump supplied with 30 mA inter-differential device and curve D circuit-breaker.



POWER SUPPLY	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Single-phase 10 A D	106155	**COFPAC10AMD**	**254.10**
Three-phase 10 A D	106158	**COFPAC10ATD**	**338.80**
Single-phase 16 A D	106156	**COFPAC16AMD**	**261.70**
Single-phase 20 A D	106157	**COFPAC20AMD**	**266.80**

INFO

Different sizes of boxes will be supplied according to the chosen options.

See our components on p. 344.

ADDITIONAL CONTROL BOXES

CF TRUST PRODUCT

2 years WARRANTY

► PROJECTOR BOX

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Transformer box 2 x 50 W 1 projector	106101	**COP100**	**217.40**
Transformer box 1 x 300 W 1 projector	103545	**COP1**	**281.70**
Transformer box 2 x 300 W 2 projectors	103546	**COP2**	**307.20**

► FROST PROTECTION BOX



HGEL



COFGEL

HGEL:

- IP20. Can be installed outdoors: 2-metre cable.
- Temperature range -50 to +150 °C.
- Factory presetting: frost protection 1 °C. Ready to connect.
- Supplied with sensor.

COFGEL:

- Installation in the shade.
- Filtration starts when the temperature is close to 0 °C.
- Temperature range -15 to +40 °C.
- Length of sensor's wire: 1.5 m.

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Frost protection water-tight (IP55) thermostat with digital readout	AQURMHGD	**HGEL**	**167.60**
Frost protection thermostat installed in the shade	AQURMHG	**COFGEL**	**59.00**

► PNEUMATIC CONTROL BOX

- Box for pneumatically controlling up to 10 mL including a 10/16 A DMT rating.
- Protection rating: IP55.

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Pneumatic box 1 function single-phase 10-16 A DMT rating	102681	**COPNE**	**232.70**
Pneumatic box 1 function three-phase 4-6.3 A DMT rating	102682	**COPNET**	**239.60**

► CLOGGING ALARM BOX

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Clogging alarm Elexium box supplied without the pressure switch	102683	**COFALARM**	**540.00**
Pressure switch with 1 threshold adjustable from 0.4 to 3.5 bar ¼''	PRESSOS35	**PRESSOS35**	**362.60**

► CONTROL BOX FOR SOLENOID VALVE



Photo not contractually binding

• Control box for 24V solenoid valve.
See our solenoid valve p. 50.

REF.	PRICE € EXCL. VAT
COFEV24	**211.20**

INFO

See our components on p. 344.

ACCESSORIES/COMPONENTS

► RESIDUAL CURRENT CIRCUIT-BREAKER

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Single-phase 25 A 30 mA AC	AQUIDB2530	**DIFF25A30M**	**96.20**
Single-phase 40 A 30 mA AC	AQUIDB4030	**DIFF40A30M**	**96.20**

► 4-POLE CONTACTOR

MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
MKM8S	**CON4P**	**37.90**

► CLOCK

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Clock to fit into front panel WITHOUT running reserve (72 x 72 mm). Compatible with ELEXIUM box	GRA7272	**HORENSR**	**86.50**
Clock to fit into front panel WITH running reserve (72 x 72 mm). Compatible with ELEXIUM box	GRA7272RM	**HORENAR**	**192.40**
Modular clock WITHOUT running reserve. Compatible with SPACIUM box	GRAV86	**HORMODSR**	**90.60**
Modular clock WITH running reserve. Compatible with SPACIUM box	GRAV86RM	**HORMODAR**	**120.00**
Digital modular clock, 2 outputs	93153	**HORDIG2**	**237.50**

► TOROIDAL TRANSFORMER

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
230 V / 12 V 1 x 50 W	DIFTOR1250	**DIFTOR1250**	**90.10**
230 V / 12 V 2 x 50 W	DIFTOR12120	**DIFTOR12120**	**105.90**
230 V / 12 V 2 x 300 W	DIFTOR12600	**DIFTOR12600**	**185.00**
230 V / 12 V 1 x 300 W	DIFTOR12300	**DIFTOR12300**	**153.10**
230 V / 24 V 1 x 50 W (2 washers)	DIFTOR2450	**DIFTOR2450**	**90.10**

► SOLENOID VALVE

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
24-Volt solenoid valve 1'' for filling	AQUVEP26	**EV24**	**83.00**
Solenoid valve 230 V	2270-048-00	**ZPLE20**	**134.50**

INFO

For all other components: see our Spare parts catalogue.

► THERMAL MAGNETIC CIRCUIT-BREAKER FOR PUMP

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Two-pole motor circuit-breaker 4 to 6.3 A	AQUPK6M	**D4063M**	**45.00**
Two-pole motor circuit-breaker 6.3 to 10 A	AQUPK10M	**D6310M**	**45.00**
Two-pole motor circuit-breaker 10 to 16 A	AQUPK14M	**D1016M**	**45.00**
Three-pole motor circuit-breaker 1 to 1.6 A	AQUPK1	**D116**	**45.00**
Three-pole motor circuit-breaker 1.6 to 2.5 A	AQUPK2	**D1625**	**45.00**
Three-pole motor circuit-breaker 2.5 to 4 A	AQUPK4	**D2540**	**45.00**
Three-pole motor circuit-breaker 4 to 6.3 A	AQUPK6	**D4063**	**45.00**
Three-pole motor circuit-breaker 6.3 to 10 A	AQUPK10	**D6310**	**45.00**
Three-pole motor circuit-breaker 10 to 16 A	AQUPK14	**D1016**	**45.00**
Three-pole motor circuit-breaker 16 to 20 A	AQUPK18	**D1620**	**45.00**

► BRANCH-CIRCUIT BREAKER CURVE D FOR HEAT PUMP

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Circuit-breaker 3 PH+N 10 A curve D	DMT3PN10AD	**DMT3PN10AD**	**129.00**
Circuit-breaker 3 PH+N 20 A curve D	DMT3PN20AD	**DMT3PN20AD**	**129.00**
Circuit-breaker PH+N 6 A curve D	DMTPN06AD	**DMTPN06AD**	**99.90**
Circuit-breaker PH+N 10 A curve D	DMTPN10AD	**DMTPN10AD**	**99.90**
Circuit-breaker PH+N 16 A curve D	DMTPN16AD	**DMTPN16AD**	**99.90**
Circuit-breaker PH+N 20 A curve D	DMTPN20AD	**DMTPN20AD**	**99.90**
Circuit-breaker PH+N 25 A curve D	DMTPN25AD	**DMTPN25AD**	**99.90**

► FUSE HOLDER AND FUSE

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Fuse holder PH+N 8.5 x 23 mm 10 A	CCPN10A	**CCPN10A**	**12.50**
Fuse holder PH+N 10 x 38 mm 32 A	CCPN32A	**CCPN32A**	**13.70**
Fuse 8.5 x 23 mm 4 A	FUS0823B04	**FUS0823B04**	**1.90**
Fuse 10 x 38 mm 25 A	FUS1038GG25	**FUS1038GG25**	**2.70**
Fuse holder 5 x 20 mm A	BORPF0520P	**BORPF0520P**	**8.80**
Fuse 5 x 20 mm 4 A	FUS0520T4	**FUS0520T4**	**2.90**

CONTENTS

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HEAT PUMPS

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FIND OUT MORE

To carry out a heat balance, please see in p. 514.

HEATING

CF PREMIUM VERTICAL R290 NEW VERSION

The powerful heat pump with vertical air flow and lower environmental impact



Touch screen



PRODUCT BONUS

+ New refrigerant gas with low emission.
+ Vertical blowing for high efficiency and low noise.
+ All-season.
+ Connected.

Vertical blowing:

- Larger evaporator surface for greater efficiency.
- Sound emission and cold air flow upwards.
- Simplified implantation: no release constraints nor discomfort for the swimmers due to the blowing.

All-season:

- Runs starting from an air temperature of -25 °C.
- Heating, Cooling or Automatic operation mode.
- Automatic defrost.
- Boost regulation mode: can instantly increase heating capacity to 120% to start the season early.

Silent:

- Double rotary compressor to reduce vibrations.
- Smart or Silence regulation mode can be selected (except in Cooling operation mode) to reduce noise significantly.

Efficient and virtous:

- C.O.P. >16.
- R290 refrigerant gas with GWP = 3

Intuitive control: via touch panel or per smartphone thanks to WiFi connection and Smart Life app.

Casing: aluminium alloy.

Supplied with **wintering cover** and **silent blocks.**



Back side
CFVERTN26



Wintering cover



Silent blocks

INFO

R290 gas is a new refrigerant with an extremely low Global Warming Potential value (GWP = 3). This ensures a minimal impact on global warming effect and helps achieving the goal of going carbon neutral. This gas demonstrates as well excellent thermodynamic characteristics.



Many advantages:

- Very low impact on global warming.
- Does not harm ozon layer.
- Stable operation even at low temperature (until -25 °C).
- Stronger cooling capacity compared to R32 gas.
- Small refrigerant charge (20% less than R32 / 30% less than R410A).

Protective measures (as with other types of gas like R32):

- Storage: ventilation, alarm with leak detection, appropriate information and fire extinguishers.
- Transport: vertically, fire extinguishers and elimination of source of ignition.
- Installation: by a professional, outdoors and away from sources of heat or fire.
- Aftersales: maintenance by qualified profesionnals.



SELECTIVE CRITERIA, A HEAT BALANCE ASSESSMENT IS ESSENTIAL TO DETERMINE THE SUITABLE MODEL.

REFERENCES*	**CFVERTN26**	**CFVERTN26T**	**CFVERTN37T**	**CFVERTN60T**
Water operating range (°C)	+5 °C to +35 °C			
Air operating range (°C)	-25°C to +43°C			
Conditions: **Air 26 °C** / Water 26 °C / **Humidity 80%**				
Heating capacity (kW)	26.3	26.3	37.3	60
C.O.P.	7.2 - 16.1	7.2 - 16.1	7.2 - 16.0	7.0 - 16.0
Conditions: **Air 15 °C** / Water 26 °C / **Humidity 70% (NF-414 norm)**				
Heating capacity (kW)	19.8	19.8	28	43
C.O.P.	5.3 - 8.1	5.3 - 8.1	5.2 - 8.1	5.2 - 8.0
Recommended flow (m^3/h)	13	13	19	30
Rated input power (kW)	0.53 - 6.0	0.53 - 6.0	0.85 - 7.0	2.3 - 15
Rated input current (A)	2.5 - 27	0.9 - 9	1.4 - 12	4 - 25
Power supply	230 V / 1 Ph / 50 Hz	400 V / 3 Ph / 50 Hz		
Gas	**R290**			
Compressor	Rotary DC Inverter			Scroll DC Inverter
Accoustic pressure dB(A) at 10 m	27 - 37	27 - 37	31 - 41	36 - 46
Hydraulic diameter	50 mm	50 mm	50 mm	63 mm
Total product dimensions (mm) (L x l x H)	875 x 810 x 910	875 x 810 x 910	950 x 900 x 1010	1120 x 1065 x 1370
Net / Gross weight (kg)	103 / 140	103 / 140	132 / 164	180 / 218
PRICE € EXCL. VAT	**6 490.00**	**6 490.00**	**7 190.00**	**10 990.00**

** After depletion of equivalent references: CFVERT27, CFVERT27T, CFVERT35T, CFVERT60T. Product description in Core Products Catalogue 2025.*

PRO HINT

HEAT BALANCE
A heat balance (p. 514) is essential to determine the best suited model to the configurations of the swimming pool.

HEATING

CF PREMIUM SILENT FLOW

The connected, ultra-quiet and elegant back-air discharge heat pump



PRODUCT BONUS

+ Back-air discharge.
+ Hight performance.
+ Ultra silent.
+ Esthetic and design.

Back-air discharge:

• Larger evaporator surface for greater efficiency.
• Sound emission and cold air flow backwards.
• Simplified implantation: no release constraints nor discomfort for the swimmers due to blowing.

All-season: runs starting from an air temperature of -12 °C and reversible heating/cooling function.

Ultra-silent:

• Adjustable fan motor step by step.
• Double rotary compressor to reduce vibrations.
• Booster/Silence mode selection.

Energy saving: C.O.P. up to 15.6 under conditions Air 26 °C / Water 26 °C / Humidity 80%.

Connected: WiFi from dedicated app.

Virtuous: R32 refrigerant gas for three times less pollutant.

Touch controller: intelligent touch controller.

Casing: aluminium alloy.

Supplied with wintering cover and anti-vibrations legs.

Automatic defrost.

IPX4.



Side air suction



Touch screen



Anti-vibrations legs



Winter cover



SELECTIVE CRITERIA, A HEAT BALANCE ASSESSMENT IS ESSENTIAL TO DETERMINE THE SUITABLE MODEL.

REFERENCES*	**CFSIL09**	**CFSIL13**	**CFSIL17**	**CFSIL21**
MANUFACTURER REFERENCES	108026	108027	108028	108029
Water operating range (°C)	+5 °C to +35 °C			
Air operating range (°C)	-12 °C to +43 °C			
Conditions: **Air 26 °C** / Water 26 °C / **Humidity 80%**				
Heating capacity (kW)	9	13	17,5	21
C.O.P.	14.0 - 7.2	14.5 - 7.0	15.6 - 7.0	14.8 - 7.1
Conditions: **Air 15 °C** / Water 26 °C / **Humidity 70% (NF-414 norm)**				
Heating capacity (kW)	6.6	9	12.5	14.5
C.O.P.	7.5 - 4.8	7.5 - 5.0	7.7 - 5.0	7.1 - 5.0
Recommended flow (m^3/h)	2 - 4	4 - 6	6 - 8	8 - 10
Rated input power (kW)	0.33 - 3.08	0.42 - 3.67	0.46 - 4.4	0.46 - 4.4
Rated input current (A)	0.83 - 5.98	1.13 - 7.83	1.44 - 10.90	1.66 - 12.7
Power supply	230V - 1 Ph /50 Hz			
Gas	R32			
Compressor	Twin-rotary Mitsubishi DC Compressor			
Accoustic pressure dB(A) at 10 m	16.8 - 26.1	20.1 - 28.7	21.1 - 31.8	18.9 - 32.2
Hydraulic diameter	50 mm			
Total product dimensions (mm) (LxlxH)	890 x 430 x 657		1 060 x 430 x 657	
Net weight (kg)	53	57	66	72
PRICE € EXCL. VAT	**1 999.00**	**2 799.00**	**3 579.00**	**4 299.00**

** After depletion of VITALIA equivalent references: VITSIL09, VITSIL13.*

PRO HINT

HEAT BALANCE
A heat balance (p. 514) is essential to determine the best suited model to the configurations of the swimming pool.

HEATING

CF COMFORT INVERTER R290 / R32

The heat pump with high energy efficiency and low environmental impact



PRODUCT BONUS

+ New refrigerant gas with low emission*.
+ Works from -25 °C on*.
+ Connected.

Combines the best of Full Inverter technology and R290 qualities*, the new natural and virtuous refrigerant gas.

Efficient:
• Corrosion resistant titan exchanger.
• Variable speed inverter compressor and fan motor.

3 operating modes: Boost/Smart/Eco Silence.

C.O.P. up to 11.2 under Air 26 °C / Water 26 °C / Humidity 80% conditions.

New R290 natural gas, with low impact on global warming*.

All seasons:
• Works from -25 °C on*.
• Reversible heating/cooling.
• Automatic defrost.

Silent: insulated casing and variable speed operation minimizes noise pollution.

Intuitive: easy app monitoring or via soft touch screen.

Fan at the front covered by a **unique and sleek design.**

Supplied with feet, cover and condensate drain kit.

IPX4.

** Except ref. CFHPINV28 & CFHPINV36T operating with R32 gas.*



Touch screen



Accessories included

INFO

R290 gas is a new refrigerant with an extremely low Global Warming Potential value (GWP = 3). This ensures a minimal impact on global warming effect and helps achieving the goal of going carbon neutral. This gas demonstrates as well excellent thermodynamic characteristics.

Many advantages:
• Very low impact on global warming.
• Does not harm ozon layer.
• Stable operation even at low temperature (until -25 °C).
• Stronger cooling capacity compared to R32 gas.
• Small refrigerant charge (20% less than R32 / 30% less than R410A).

Protective measures (as with other types of gas like R32):
• Storage: ventilation, alarm with leak detection, appropriate information and fire extinguishers.
• Transport: vertically, fire extinguishers and elimination of source of ignition.
• Installation: by a professional, outdoors and away from sources of heat or fire.
• Aftersales: maintenance by qualified profesionnals.



SELECTIVE CRITERIA, A HEAT BALANCE ASSESSMENT IS ESSENTIAL TO DETERMINE THE SUITABLE MODEL.

REFERENCES	CFHPINR10	CFHPINR13	CFHPINR20	CFHPINV28	CFHPINV36T
Water operating range (°C)	From +8 °C to +32 °C			+8 °C to +32 °C	
Air operating range (°C)	From -25 °C to +43 °C			**-15 °C** to +43 °C	
Conditions: **Air: 26 °C** / Water: 26 °C / **Humidity: 80%**					
Heating capacity in Booster mode (kW)	10.4	13.1	20.3	28.2	35.6
C.O.P. Booster mode	6.9	6.9	5.9	5.6	5.6
Heating capacity in Smart mode (kW)	10.4 ~ 6.22	13.1 ~ 8.78	20.3 ~ 12.01	28.2 ~ 15.3	35.6 ~ 12.8
C.O.P. Smart mode	10.4 ~ 6.9	11.2 ~ 6.9	9.9 ~ 5.9	10.1 ~ 5.6	13 ~ 5.6
Heating capacity in Eco Silence mode (kW)	6.2	8.8	12.0	15.3	25.6
C.O.P. Eco Silence	10.4	11.2	9.9	10.1	13
Conditions: **Air: 15 °C** / Water: 26 °C / **Humidity: 70% (NF-414 norm)**					
Heating capacity in Booster mode (kW)	7.9	10.2	14.8	22.9	28
C.O.P. Booster mode	5.3	5.2	5.2	4.7	4.7
Heating capacity in Smart mode (kW)	7.9 ~ 4.8	10.2 ~ 6.24	14.8 ~ 9.76	22.9 ~ 12.2	28 ~ 9.6
C.O.P. Smart mode	7.3 ~ 5.3	7.8 ~ 5.2	6.7 ~ 5.2	6.8 ~ 4.7	6.7 ~ 4.7
Heating capacity in Eco Silence mode (kW)	4.8	6.2	9.8	12.2	19.4
C.O.P. Eco Silence	7.3	7.8	6.7	6.8	6.7
Conditions: **Air: -15 °C** / **Water: 26 °C** / **Humidity: 0%**					
Heating capacity in Booster mode (kW)	3.2	3.9	5.9	9.8	12.1
C.O.P. Booster mode	2.7	2.2	2.3	2.5	2.5
Recommended flow (m^3/h)	3	4	6	10	12
Power rating (kW)	2.3	3	3.9	6	6.9
Rated input current (A)	10	13	17	31.5 - 35	10 - 16
Circuit breaker (A)	16	16	20	40	20
Power supply	230 V/1 PH+N/50 Hz			230 V / 1 Ph+N / 50 Hz	400 V - 3 Ph / 50 Hz
Gas	R290			**R32**	
Compressor	Toshiba, Inverter step by step			Toshiba, Inverter step by step	
Acoustic pressure at 10 m dB(A) According to EN ISO 3744 :2010	22 - 25	25 - 28	26 - 29	26 - 32	32 - 38
Hydraulic diameter	1.5"/50 mm			1.5"/50 mm	
Dimension (mm) (L x l x H)	1 150 x 450 x 750			1 180 x 492 x 861	1 166 x 521 x 1 171
Net/Gross weight (kg)	65 / 76	70 / 82	91 / 102	105 / 121	128 / 148
PRICE € EXCL. VAT	**2 190.00**	**2 590.00**	**3 490.00**	**4 690.00**	**5 690.00**

PRO HINT

HEAT BALANCE
A heat balance (p. 514) is essential to determine the best suited model to the configurations of the swimming pool.

HEATING

VITALIA COMFORT INVERTER

The ultra-quiet heat pump

CF TRUST PRODUCT

3 years WARRANTY HEAT PUMP

LIFETIME WARRANTY AGAINST CORROSION

8 years WARRANTY HEAT EXCHANGER

VITALIA

PRODUCT BONUS

+ R32 refrigerant: 60% less greenhouse gas and zero impact on the ozone layer.
+ Works above an air temperature of -5 °C.
+ Full Inverter compressor, frequency variable in 1 Hz increments.
+ Acoustic pressure at 10 m of up to 20 dB(A).
+ Integrated soft start.





Control monitor



Rear panel - «Bluefin»-treated corrosion-resistant blades

- Complete range for pools of up to 115 m³.
- C.O.P. of up to 10.6 in Air 26 °C / Water 26 °C /Humidity 80% conditions.
- Acoustic pressure at 10 m of up to 20 dB(A) (VESIN08NR model).
- Integrated soft start to avoid overloading electrical installations when starting up machines.
- The water can be heated (warm mode) or cooled (cool mode).
- 2 run modes: "Smart" for standard use and "Silence" (or night mode) for 80% of maximum performance and a 3 dB(A) reduction compared with the Smart mode.
- Defrosting by hot gas by automatic cycle inversion.
- Gas used: R32.
- EEV HP Booster electronic expansion/ Saginomiya 4-way valve
- Hydraulic diameter (mm): 50
- Water temperature setting from +12 °C to +35 °C.
- WiFi box to enable heat pump remote management through dedicated app and anti-vibration pads included!



Integrated external WiFi box



Anti-vibration pads

SELECTIVE CRITERIA, A HEAT BALANCE ASSESSMENT IS ESSENTIAL TO DETERMINE THE SUITABLE MODEL.

REFERENCE*	**VESIN10NR**
Water operating range (°C)	+5 °C to +35 °C
Air operating range (°C)	-5 °C to +43 °C
Heating capacity (kW) - Air 26 °C / Water 26 °C / Humidity 80%	9.5(2)
C.O.P. - Air 26 °C / Water 26 °C / Humidity 80%	5.7(2) - 9.5(3)
Heating capacity (kW) - **Air 15 °C** / **Water 26 °C** / **Humidity 70% (NF-414 norm)**	7(2)
C.O.P. - **Air 15 °C** / **Water 26 °C** / **Humidity 70% (NF-414 norm)**	4.3(2) - 6.1(3)
Coolingt capacity (kW) - Air 35 °C / Water 28 °C / Humidity 80%	3.8
Recommended flow rate (m³/h)	3 - 4
Power rating (kW) at 15/26/70%	1.6(2) - 0.35(3)
Power supply	220/240 V - 1 Ph/50 Hz
Nominal current (A)	7.0(2) - 1.52(3)
Acoustic pressure dB(A) at 10 m	20.6(3) - 32.5(2)
Overall dimensions of package (mm)	872 x 349 x 654
Net weight (kg)	47
PRICE € EXCL. VAT	**1 589.00**

** Until stock depletion*
(2) At full capacity.
(3) At low capacity.

See options on page 355.

HEATING

VITALIA ON/OFF

The reversible heat pump that adapts to the weather's changing conditions

CF TRUST PRODUCT

3 years WARRANTY
HEAT PUMP

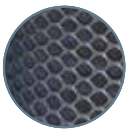
LIFETIME WARRANTY AGAINST CORROSION

VITALIA





Control monitor

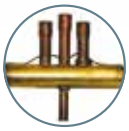


"Bluefin"-treated corrosion-resistant blades

PRODUCT BONUS

+ Reversible.
+ During heat waves, the cold mode:
  - maintains the temperature for greater bather comfort,
  - limits fading of the coatings,
  - limits the proliferation of algae.

- Gas/Load: R32.
- Compressor: Rotary.
- Expansion: Capillary.
- Hydraulic diameter (mm): 50.



Operation in "cold" mode and defrosting thanks Saginomiya 4-way valve, for optimal and extended operating range.



Anti-corrosion ABS cowling mounted on a metal frame

SELECTIVE CRITERIA, A HEAT BALANCE ASSESSMENT IS ESSENTIAL TO DETERMINE THE SUITABLE MODEL.

REFERENCES*	VES06R	VES08R	VES10R	VES12R
Water operating range (°C)		+5 °C to +35 °C		
Air operating range (°C)		0 °C to +43 °C		
Heating capacity (kW) Air 26 °C / Water 26 °C / Humidity 80%	6	7.5	9.6	12
C.O.P. (air 26 °C, water 26 °C, humidity 80%)	5.5	5.3	5.7	5.6
Heating capacity (kW) **(NF-414 norm: Air 15 °C / Water 26 °C / Humidity 70%)**	3.9	5	6.5	8.6
C.O.P. (NF-414: Air 15 °C / Water 26 °C / humidity 70%)	4.2	4	4.3	4.3
Cooling capacity (kW) - Air 35 °C / Water 28 °C / Humidity 80%	2.8	4.1	5.4	6.8
Recommended flow rate (m^3/h)	2-3	3-4	4-6	4.5-6.5
Power rating (kW) at 15/26/70%	0.8	1.3	1.5	1.9
Power supply		220-240 V / 1Ph 50 Hz		
Nominal current (A)	3.5	5.2	6.5	8
Acoustic pressure dB(A) at 10 m	28.5	28.6	28.8	29.5
Overall dimensions of package (mm)	800 x 312 x 558	800 x 312 x 558	961 x 312 x 658	961 x 312 x 658
Dimensions of box (mm)	880 x 365 x 600	880 x 365 x 600	1 040 x 365 x 700	1 040 x 365 x 700
Net weight/gross weight (kg)	38/45	42/49	55/63	60/68
PRICE € EXCL. VAT	**789.00**	**989.00**	**1 229.00**	**1 599.00**

** Until stock depletion*

OPTIONS

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Monitor offset kit	106361	**KITECINV**	**341.50**
Monitor offset kit	106360	**KITECVES**	**199.00**
4 self-supporting anti-vibration legs (for installation WITHOUT a concrete slab)	105463	**PIEDINVTT**	**46.80**
Bags of 4 anti-vibration support legs (for installation ON a concrete slab)	105678	**PIEDINVB**	**176.30**
Bypass 50 kit (to be mounted)	BP50	**BP50**	**91.80**
Wintering cover for VES06R, & VES08R - 820 x 336 x 535 mm	VESCOUV1	**VESCOUV1**	**66.10**
Wintering cover for VESIN08NR, VESIN10NR & VESIN13NR - 885 x 336 x 635 mm	VESCOUV2	**VESCOUV2**	**66.10**
Wintering cover for VESIN17NR - 981 x 336 x 635 mm	VESCOUV3	**VESCOUV3**	**66.10**
Wintering cover for VESIN21NR - 981 x 417 x 748 mm	VESCOUV4	**VESCOUV4**	**77.20**
Wintering cover for VESIN25NR - 1 120 x 417 x 948 mm	VESCOUV5	**VESCOUV5**	**77.20**
Wintering cover for VESIN36TR - 1 181 x 525 x 935 mm	VESCOUV6	**VESCOUV6**	**77.20**



EN 17645 STANDARD*

HEATING SYSTEMS

The score for heating systems is calculated on the basis of the SCOP (seasonal energy performance coefficient). This is the average weighted value of three C.O.P.s measured at cold, medium and hot temperatures.

The C.O.P. measures the efficiency of a heat pump, i.e. the ratio between the energy used and the heat produced.

The other dimensions indicated on the label but not included in the calculation of the score provide the user with information on:

Energy Reduction Coefficient

This value compares the SCOP of the product with a minimum reference SCOP of 0.8 (in %)

Noise level

This pictogram indicates the noise level of the heat pump (measured in dBA)

Power supply

Power in active mode

Renewable energy

Pictogram specific to equipment with autonomous and on renewable energy supply

Power supply

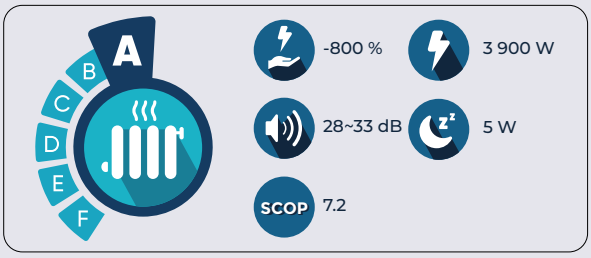
Power in stand-by mode

DON'T FORGET!

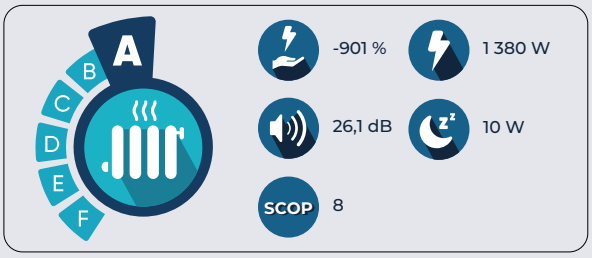
For an overall assessment of a pool, the rating for a heating system can only be calculated if the pool is covered, based on the principle that it is not environmentally efficient to heat an uncovered pool. The heat pump calculation function will therefore be blocked so that it does not appear on the quotation, even though the equipment manufacturer's rating alone can be passed on to the end user.

EXAMPLES OF LABELS FOR OUR PRODUCTS

- CF Comfort Inverter R290 heat pump - CFHPINR20



- CF Premium Silent Flow heat pump - CFSIL09



** The EN 17645 standard evaluates the effectiveness of the environmental performance of domestic swimming pools and their equipment. The standard applies to permanently installed outdoor domestic swimming pools.*



CONTENTS

CLEANERS

ELECTRIC POOL CLEANERS

p. 358 **CF 3000CL PRO**
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p. 363 **CF ZEN 20** NEW

CLEANER FOR BOTTOM OF POOLS AND PONDS

p. 364 **Pro water vaccum cleaner**

OUR RANGE

ELECTRIC POOL CLEANERS

REFERENCE		TYPE OF POOL				CABLE LENGHT	CLEANING				PAGE
		DIM. MAX.	SHAPES	SLOPES	POOL SURFACE		CLEANING ZONE	FILTERING ELEMENT	CLEANING TIME	ADVANTAGES	
	**CF 3000CL PRO**	10 x 5 m	All	Yes	All	Cordless	F only, FWW	Filter basket 100 µ	1h30 or 2h	• Super handy cordless design. • Ultra-efficient cyclonic suction. • Remote controllable. • Convenient charging station.	358
	**CF 2000 PRO**	12 x 6 m	All	Yes	All	18 m	F only, FWW	Double filter basket 60 µ+150 µ	1h30 or 2h30	• Ultra-efficient cyclonic suction. • Dual filtration and active brushing. • Maximum ergonomics: caddy, remote control, anti-twist cable.	359
	**CF 1000 PRO**	9 x 4 m	All	Yes	All	15 m	FWW	Filter basket 100 µ	2h	• Ultra-efficient cyclonic suction. • Versatile and easy to use.	360
	**CF 400CL**	10 x 11 m	All	Yes	All	Cordless	F only, FWW, W only	Basket 180 µ	from 2h40 to 3h20	• Wireless technology with rechargeable Lithium battery. • Filter access from the top. • Remote controllable via its app.	361
	NEW **CF 350CL**	10 x 11 m	All	Yes	All	Cordless	F only, FWW, W only	Basket 180 µ	3h	• Wireless technology with rechargeable Lithium battery. • Double filtration level. • Remote controllable via its app	362
	NEW **CF ZEN 40**	10 x 6 m	All	Yes	Cordless	All	F only, FWW	Basket 180µ	1h, 1h30, 2h or up to 4h	• Efficient suction power. • Battery with ultra enduring lifespan. • High quality materials. • Remote controllable via its app.	363
	NEW **CF ZEN 20**	9 x 5 m	All	Yes	Cordless	All	F only, FWW	Basket 180µ	30 min., 1h, 1h30 or 2h	• Efficient suction power. • Battery with ultra enduring lifespan. • High quality materials. • Compact version.	363

ELECTRIC POOL CLEANERS

CF 3000CL PRO

The cordless, agile and connected cleaner for all pools

CF TRUST PRODUCT · CORDLESS · PROFESSIONALS ONLY · EXCLU EXCLUSIVE DESIGN · 3 years WARRANTY

EXCL. WEARING PARTS




Hook


Charging dock station


Monitoring on the cleaner



PRODUCT BONUS

+ Super handy cordless design.
+ Cyclonic suction ensures a constant and long lasting cleaning performance.
+ Unrivalled agility : smart navigation, 2 traction motors.
+ Exclusive design.



Discover our cleaner in video!

- **Super handy cordless design**: the cleaner moves around freely, with no risk of cable tangling or getting caught in pool ladders or other obstacles. It is light and easy to store on its convenient charging dock station.
- **Long lasting suction:** patented cyclonic suction ensures powerful and longer lifespan of the cleaner. The helix shaped brush, wide suction inlet and 4 L filter collect easily all types of debris, even the largest.
- **Unrivalled agility:** with its smart sensors (accelerometer and gyroscope) et 2 traction motors, CF PRO range offers an excellent coverage of the pool and unlimited agility. The cleaner works in all types and shapes of pools, on all types of surfaces.
- **Connected:** The iAqualink app enables to launch or stop a cleaning cycle, to choose the cleaning mode, to follow up the cycle's progress for an easy daily operation. A notification warns when cycle is over and that the robot waits during 10min. at the waterline. After this time, it will sink down at the bottom of the wall where it can be retrieved with the supplied hook.

NEW • **"Knock & Up"** feature enables to call back the cleaner at the waterline by gently taping the lid with the hook at the end of the cleaning cycle

NEW • **Choose the navigation pattern** of your cleaner between S-shape and standard pattern, according to your pool.

See page 80 for full technical specifications.



ELECTRIC POOL CLEANERS

CF 2000 PRO/CF 1000 PRO

High-performance, agile cleaners for all pools

CF TRUST PRODUCT · PROFESSIONALS ONLY · EXCLU EXCLUSIVE DESIGN · 3 years WARRANTY

EXCL. WEARING PARTS



CF2000PRO



CF1000PRO

PRODUCT BONUS

+ 2 models of electrical corded robotic cleaners to cover all needs.
+ Cyclonic suction ensures a constant and long lasting cleaning performance.
+ Unrivalled agility: smart navigation, 2 traction motors.
+ Daily ergonomy: top access filter.
+ Exclusive design.

FEATURES COMMON TO THE CF 2000 PRO AND CF 1000 PRO:

- **Long lasting suction:** patented cyclonic suction ensures powerful and longer lifespan of the cleaners. The helix shaped brushes, wide suction inlet and 4 L filter collect easily all types of debris, even the largest.
- **Helix shaped brushes** guarantee a continuous flow between the front of the cleaner and the suction inlet placed below the device, to avoid larger debris being pushed forward.
- **Unrivalled agility:** with its smart sensors (accelerometer and gyroscope) et 2 traction motors, CF PRO range offers an excellent coverage of the pool and unlimited agility. The cleaners work in all types and shapes of pools, on all type of surfaces.
- **Ease of use:** the top access filter facilitates every day use. Quick water release enables to retrieve the cleaner from the pool effortless.

CF 2000 PRO ADDITIONAL FUNCTIONNALITIES:

- **Double stage filtration** 1 **:** The model is equipped with 2 nested filter baskets. The largest can hold bigger debris, while the finest filters even minor impurities. Combined together, they offer a larger filtration surface that postpone filter clogging.
- **Connected:** The iAquaLink app enables to launch or stop a cycle, to choose the cleaning mode, to follow the cycle progress for an optimal ease of use. Software optimisations can also be pushed to the cleaner automatically.
- Thanks to the **swivel**, cable tangling during cleaner's movement around the pool is limited. This avoids knots to be formed and facilitates storage as well.
- **Caddy** 2 **:** pratical and sturdy, it enables to transport easily and store your cleaner in a compact and secured way. Its dedicated support keeps the connexion box at man's height for an easy control.



Transparent lid



1 Dual filtration



2 Caddy
46 x 49 x 95 cm

See p. 80 for full technical specifications.



CF 2000 PRO

CF 1000 PRO

Discover these cleaners in video!

ELECTRIC POOL CLEANERS

CF 3000CL PRO / CF 1000 PRO / CF 2000 PRO

TECHNICAL SPECIFICATIONS

	CORDLESS	CORDED	
REF.	**CF3000CLPRO**	**CF1000PRO**	**CF2000PRO**
GENCOD	9317545300993	9317545296524	9317545296548
Maximum pool size	10 x 5 m	9 x 4 m	12 x 6 m
Pool surface	✓ All types	✓ All types	✓ All types
Pool shape	✓ All types	✓ All types	✓ All types
Smart navigation	✓	✓	✓
Cycle	1h30 (floor only), 2h (FWW)	2h	1h30 (floor only), 2h30 (FWW)
Floor cleaning (F)	✓	✓	✓
Wall cleaning (W)	✓	✓	✓
Water line cleaning (W)	✓	✓	✓
Brush type	Front PVC helix brush	Front PVC helix brush	Front & rear PVC helix brushes
Number of drive motor	2	2	2
Number of pump motor	1	1	1
Suction power	12.5 m^3/h	13 m^3/h	13 m^3/h
Drive system	Tracks	Tracks	Tracks
Filter type	Basket	Basket	Baskets
Filter fineness	100 µ	100 µ	150 + 60 µ
Filter access	Top	Top	Top
Transparent lid	✗	✗	✓
Weight	9.5 kg	8 kg	8 kg
Cable lenght	-	15 m	18 m
Swivel	-	✗	✓
Battery type	Lithium-ion/ 6 400 mAh	-	-
Battery autonomy	2h	-	-
Battery charging time	5h max.	-	-
Charging dock	✓	-	-
LED (charging status)	✓	-	-
Retrieval hook	✓ with Knock & Up	-	-
Power consumption	130 W	< 150 W	< 150 W
Caddy	✗ option	✗ option	✓
Control from smartphone via app	✓ iAquaLink	✗	✓ iAquaLink
Warranty	3 years excl. wearing parts	3 years excl. wearing parts	3 years excl. wearing parts
PRICE € EXCL. VAT	**1 059.00**	**739.00**	**1 169.00**

ACCESSORY

DESIGNATION	REF.	PRICE € EXCL. VAT
Caddy	**CADCFPRO**	**155.00**

PRO HINT

Remember to take the cleaner out of the water between cleanings, to clean the filter after each cycle, and to dry well the charging port before charging cordless cleaners to avoid corrosion.

ROBOTIC POOL CLEANERS

CF 45CL/100CL/200CL
CF 350CL/400CL

Cordless pool cleaners for all needs **MULTI-DISTRIBUTED**

CF TRUST PRODUCT · CORDLESS · 2 years WARRANTY EXCL. WEARING PARTS


CF45CL


CF100CL


CF200CL

PRODUCT BONUS

+ Competitive cordless range, covering all needs from smaller above-ground pools to larger inground pools.
+ Increased agility and hassle-free storage.
+ Light weighted products.



NEW CF350CL



CF400CL

Transparent lid

	CORDLESS				
REFERENCES	**CF45CL**	**CF100CL**	**CF200CL**	**CF350CL**	**CF400CL**
GENCOD	**4038755070111**	**4038755070128**	**4038755070135**	**4038755078346**	**4038755070142**
Maximum pool surface	50 m²	100 m²	80 m²	120 m²	120 m²
Pool shape	Flat	Flat, with slope up to 15 °	✓ All types	✓ All types	✓ All types
Smart navigation system	✗	✗	✓	✓	✓
Cycle	50 min.	2h	1h50 max.	3h	FWW: 2h40 - 3h Floor only: 3h - 3h20
Floor cleaning (F)	✓	✓	✓	✓	✓
Wall cleaning (W)	✗	✗	✓	✓	✓
Water line cleaning (W)	✗	✗	✓	✓	✓
Brush type	Bottom scraper	Bottom brush	PVC	PVC	PVC
Number of drive motor	-	-	2	2	2
Number of pump motor	1	1	1	1	1
Suction power	8 m³/h	10 m³/h	10 m³/h	12 m³/h	13 m³/h
Drive system	Jets, wheels	Jets, wheels	Tracks	Tracks	Tracks
Filter type	Tray	Tray	Basket	Basket + Cartridge	Basket
Filter fineness	180 µ	180 µ	180 µ	180 µ + 50 µ	180 µ
Filter access	Body	Body	Top	Top	Top
Weight	3.6 kg	5.7 kg	7.3 kg	8 kg	8.3 kg
Battery type			Lithium-ion		
Battery autonomy	50 min.	2 h	up to 1h50	3h	up to 3h20
Battery charging time	3-4h	5-6h	4-4h30	3-3h30	2-3h
Battery capacity	2 600 mAh	6 600 mAh	9 200 mAh	4 600 mAh	6 400 mAh
Power consumption	30 W	45 W	65 W	65 W	80 W
Control from smartphone via app	✗	✗	✗	✓	✓
Warranty			2 years excl. wearing parts		
PRICE € EXCL. VAT	**129.00**	**269.00**	**429.00**	**629.00**	**719.00**

PRO HINT

Remember to take the cleaner out of the water between cleanings, to clean the filter after each cycle, and to dry well the charging port before charging cordless cleaners to avoid corrosion.

Watch the videos of these robots on the CF group YouTube channel and don't hesitate to share them!

ELECTRIC POOL CLEANERS

CF 350CL NEW

All-terrain cleaning with double filtration

CF TRUST PRODUCT · CORDLESS · 2 years WARRANTY EXCL. WEARING PARTS

PRODUCT BONUS

+ Compact, robust and attractive design.
+ Large choice of cycles combination around floor and wall.
+ Double filtration level.



CF350CL





Double filtration level

- Sonar sensor for a better obstacle detection and improved coverage of the pool.
- 5 cycles : Floor only, Wall only, Full pool (floor and wall), Wall then Floor (default setting, 1x/1x), Eco (light floor only mode).
- Cyclic timer enables the split of battery remaining time into several shorter cycles, recurrent along the week (2, 3 or 4).
- Additional cartridge filter can be inserted after the regular filtration basket to achieve an ultra-fine filtration level.

	CORDLESS
REFERENCE	**CF350CL**
GENCOD	**4038755078346**
Maximum pool surface	120 m^2
Pool surface	✔ All types
Pool shape	✔ All types
Smart navigation system	✔ + ultrasonic sensor
Cycle	3h (F, W, FW, W then F, Eco)
Floor cleaning (F)	✔
Wall cleaning (W)	✔
Water line cleaning (W)	✘
Brush type	PVC
Number of drive motor	2
Number of pump motor	1
Suction power	12 m^3/h
Drive system	Tracks
Filter type	Basket + cartridge
Filter fineness	180 µ + 50 µ
Filter access	Top access
Weight	8 kg
Battery type	Lithium ion
Battery autonomy	3 h
Battery charging time	3-3h30
Battery capacity	4600 mAh
Power consumption	65 W
Control from smartphone via app	✔
Warranty	2 years excl. wearing parts
PRICE € EXCL. VAT	**629.00**

PRO HINT

Remember to take the cleaner out of the water between cleanings.

ELECTRIC POOL CLEANERS

CF ZEN 40/CF ZEN 20

The high performance cleaners with ultra long battery life

CF TRUST PRODUCT

CORDLESS

2 years WARRANTY

EXCL. WEARING PARTS





NEW CFZEN40



NEW CFZEN20



PRODUCT BONUS

+ Qualitative, high enduring material.
+ Long life battery with large autonomy.
+ High performance suction power.

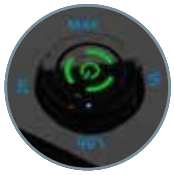
Relax! you don't need to worry about the battery!

- Discover the new meaning for endurance with the new CF ZEN range, pool cleaners with proven longevity.
- Their battery hold the charge all along the cycle and its lifetime. Coupled with its conception and qualitative materials, this ensures a perfect pool cleaning over time.
- Easy programmation button on the cleaner to allow the choice of the cleaning zone (floor only or floor/wall/water line) and the cycle duration.
- The CF ZEN 40 model can be as well easily programmed by smartphone with a dedicated app (choice of cleaning zone and cycle duration).
- Smart navigation algorithm and sensors (gyroscope, infrared on CF ZEN 40) round up these high-technology cleaners, delivering impeccable cleaning efficiency.



Magnetic filtration basket

CFZEN40

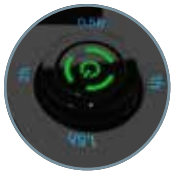


Floor only cycle



Floor/wall/waterline cycle

CFZEN20



Floor only cycle



Floor/wall/waterline cycle

See p. 80 for full technical specifications.

ELECTRIC POOL CLEANERS

CF ZEN 40/ CF ZEN 20

	CORDLESS	
REFERENCE	**CFZEN40**	**CFZEN20**
GENCOD	**3660239910418**	**3660239910401**
Maximum pool surface	10 x 6 m	9 x 5 m
Pool surface	✓ All types	✓ All types
Pool shape	✓ All types	✓ All types
Smart navigation system	✓	✓
Cycle	1h, 1h30, 2h or up to 4h (MAX)	30 min, 1h, 1h30 or 2h
Floor cleaning (F)	✓	✓
Wall cleaning (W)	✓	✓
Water line cleaning (W)	✓	✓
Brush type	Front PVC brush	Front PVC brush
Number of drive motor	2	2
Number of pump motor	1	1
Suction power	10-17 m^3/h	8-15 m^3/h
Drive system	Tracks	Wheels
Filter type	Basket	Basket
Filter fineness	180 µ	180 µ
Filter access	Top access	Top access
Weight	8 kg	7.2 kg
Battery type	Lithium-ion/ 5 000 mAh	Lithium-ion/ 5 000 mAh
Battery autonomy	4h	2h
Battery charging time	3h	2h30
Charging dock	✗	✗
LED (charging status)	✓	✓
Retrieval hook	✓	✓
Power consumption	20-100 W	20-100 W
Caddy	✗	✗
Smartphone app	✓	✗
Warranty	2 years excl. wearing parts	2 years excl. wearing parts
PRICE € EXCL. VAT	**689.00**	**489.00**

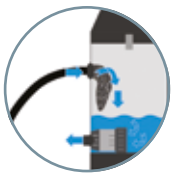
CLEANER FOR BOTTOM OF POOLS AND PONDS

PRO WATER VACUUM CLEANER

CF TRUST PRODUCT

5 years WARRANTY

HEISSNER



Cellar pump incorporated!



Filter bag



PRODUCT BONUS

+ Vacuums water and debris (dust, rubble, leaves...).
+ More powerful cellar pump incorporated.

Ideal for draining/cleaning stagnant water in a swimming pool, a cover groove, a pond or an ornamental pond. Can also be used to suck up dirty water in the event of flooding.

- 50 litres per second.
- Negative pressure: 18 kPa.
- Vacuuming power: 1 400 W.
- Max. vacuuming capacity: 4 000 litres per hour.
- Cellar pump power: 600 W.
- 30 L tank.
- Supplied with:
  - 4 slip-on pipes
  - 3 suction nozzles
  - 1 x 4 m suction hose
  - 1 x 1.5 m drain hosepipe
  - 1 x 4.5 m power cord
  - 1 filter bag.

REF.	NET PRICE € EXCL. VAT
F638P00	**179.00**

INFO

Do not forget to put on the filter bag to avoid damage to the cellar pump.



Easy cleaning and maintenance



Ergonomic handle



Storage racks for accessories



Water outlet



Easy removal of filter bag



Multi-usage: garden/ floods

CONTENTS

OUTDOOR EQUIPMENT

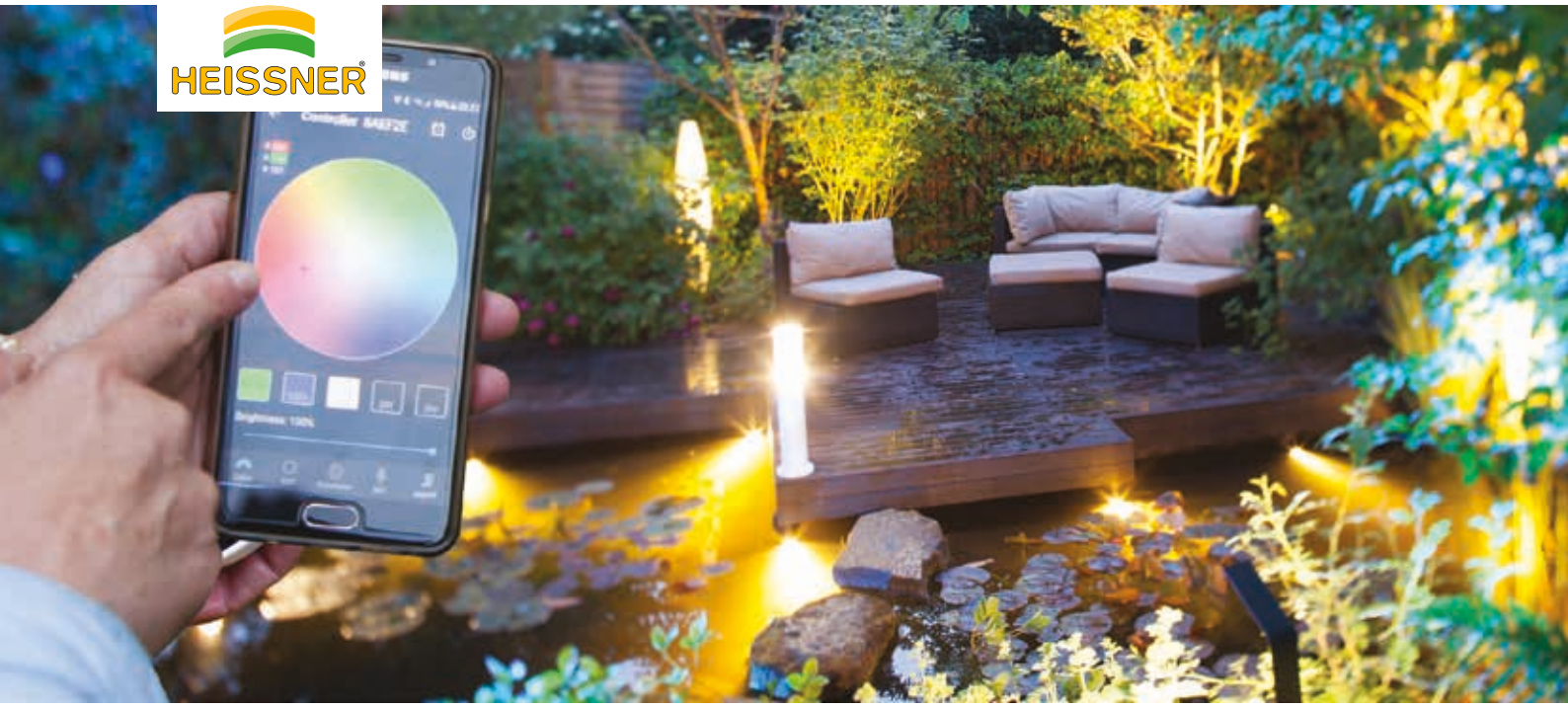
LIGHTING SYSTEM
p. 366 **Smart Light**

SHOWER
p. 368 **Aluminium solar shower**

OUTDOOR EQUIPMENT

SMART LIGHT

Lighting system for swimming pool deck, garden, pond, etc.





SENABL1



SENABL60

IN ALLOY



Recessed model

- In alloy or unbreakable polypropylene, to fit or mount flush, we offer a large selection of LED pool lights for your exterior.
- All pool lights shown here are submersible.
- All connections, transformers and sensors are watertight (certified IP68). Low voltage (12 V).
- The entire Heissner lighting concept can be connected very easily thanks to incorporated 3-metre cables (extensions are possible).
- You can synchronize and remotely control this lighting concept with the free Tuya Smart application. This application lets you adjust colour (for the RGB model), the timer and the different lighting modes, and synchronize all your LEDs with your favourite music playlist!

TO MOUNT FLUSH	VERSION	DIFFUSION ANGLE	OUTPUT	MAX. LUMEN	COLOUR	DIMENSIONS	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
To fit	Polypropylene	45°	1 W	65	Warm white	Ø 30 x 70	L411-00	**SAPPBL1**	**27.50**
To fit	Polypropylene	45°	4 W	320	Warm white	Ø 54 x 120	L414-00	**SAPPBL4**	**45.80**
To fit	Polypropylene	120°	9 W	500	Warm white	Ø 90 x 210	L419-00	**SAPPBL9**	**82.40**
To fit	Alloy	45°	1 W	60	Warm white	Ø 30 x 90	L421-00	**SAPABL1**	**45.80**
To fit	Alloy	45°	4 W	340	Warm white	Ø 49 x 95	L424-00	**SAPABL4**	**73.30**
To fit	Alloy	120°	6 W	400	Warm white	Ø 82 x 140	L426-00	**SAPABL9**	**118.80**
To fit	Alloy	60°	3 W	20 to 85	RGB	Ø 42 x 95	L433-00	**SAPARGB3**	**64.00**
To fit	Alloy	60°	9 W	50 to 210	RGB	Ø 70 x 160	L439-00	**SAPARGB9**	**128.10**
To mount flush	Alloy	60°	3 W	20 to 85	RGB	Ø 80 X 72*	L463-00	**SENARGB3**	**82.40**
To mount flush	Alloy	60°	3 W	150	Warm white	Ø 80 x 92*	L453-00	**SENABL603**	**54.80**
To mount flush	Alloy	60°	1 W	60	Warm white	Ø 45 x 47**	L451-00	**SENABL1**	**18.30**

**: Flush-mounting box H 140 X Ø 72 included; diameter required: 50 mm. **: Diameter required: 38 mm.*

Corresponding energy labels to be found p. 114

CF TRUST PRODUCT

2 years WARRANTY



SAPPBL9



SAPPBL4



SAPPBL1

IN POLYPROPYLENE





SAPARGB9



SAPABL1



SAPABL9

IN ALLOY



Model to fit

ACCESSORIES

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Watertight transformer 2-pole output (IP67) 16 W - 2-metre cable	L512-00	**T162**	**21.10**
Watertight transformer 2-pole output (IP67) 60 W - 2-metre cable	L514-00	**T602**	**31.80**
Watertight transformer 2-pole output (IP67) 105 W - 2-metre cable	L515-00	**T1052**	**59.50**
2-pole connection box - 3 connections - 5 lm	L521-00	**BDR235**	**18.30**
2-pole connection box - 3 connections - 10 lm	L522-00	**BDR2310**	**27.50**
4-pole connection box - 3 connections - 1 lm	L-533-00	**BDR431**	**18.30**
2-pole extension - 5 lm	L523-00	**RAL25**	**13.80**
2-pole extension - 10 lm	L524-00	**RAL210**	**22.80**
4-pole extension - 5 lm	L531-00	**RAL45**	**22.80**
4-pole extension - 10 lm	L532-00	**RAL410**	**36.50**
Twilight sensor 1 lm*	L541-00	**CAPCRE**	**22.80**
RGB dimmer (to control the colour lighting) range: 30 m**	L551-00	**REGRGB30**	**64.00**
RGB WiFi dimmer (to control the colour lighting)***	L552-00	**REGRGBWIFI**	**79.70**

INFO

Use all the 2-pole descriptions for white pool lights.
Use all the 4-pole descriptions if you want to use RGB pool lights.

*: the twilight sensor (ref. CAPCRE) comes on at dusk and goes off at sunrise.

**: the RGB controller (ref. REGRGB30) is essential to use the remote control. It is connected directly to the transformer (2 poles) and features one 4-pole output: it can only control RGB projectors.

***: the WiFi RGB dimmer (ref. REGRGBWIFI) is essential to control your lighting from your phone with the dedicated application. It is connected directly to the transformer (2 poles) and features one 4-pole and one 2-pole output: essential if you want to control both white and RGB projectors.

All the white LEDs are warm white: 2 800 K.

Comparison of luminosity:
- 1 W LED: 65 lumens: the equivalent of a 10 W bulb
- 4 W LED: 320 lumens: the equivalent of a 30 W bulb
- 6 W LED: 400 lumens: the equivalent of a 40 W bulb
- 9 W LED: 500 lumens: the equivalent of a 50 W bulb.



OUTDOOR EQUIPMENT

ALUMINIUM SOLAR SHOWER

CF TRUST PRODUCT

2 years WARRANTY





PRODUCT BONUS

+ Connects to the garden hose via a quick-release coupling.
+ Just 4 screws for easy assembly and disassembly.
+ Black body absorbs 360° of solar energy.
+ 40-litre capacity ensures sufficient autonomy for the whole family.

- Effective shower, easy to install and economical.
- Height 2.14 m.
- Black aluminium.
- Adjustable shower head.
- Capacity: 40 litres of hot water (renewable all day long).
- Shower delivered complete.
- Connection to a basic hosepipe with a quick coupling.

COLOUR	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
Black aluminium	101436	**DS40L**	**285.00**



CONTENTS

WELLNESS

FRAGRANCES

p. 370 **Finesse: scents for saunas and steam baths**
p. 371 **Lacoform: scents for saunas and steam baths**
p. 372 **Lacoform: scents for spas**

FRAGRANCES

SCENTS FOR SAUNAS AND STEAM BATHS



PRODUCT BONUS

+ Easy to dose in smaller cabins.
+ Few deposits on sauna stones.
+ Easy to mix with the infusion water.
+ High compatibility with materials.
+ Can be mixed with each other.

• The sauna has become a philosophy of life for everybody over the years since its health benefits have been recognized many times.
• A good diffusion, without excess, of the finesse fragrances in the cabins is essential.
• From highly concentrated fragrances, we have developed for you new fragrances adapted to saunas and steam baths.

SCENTS FOR SAUNAS AND STEAM BATHS	CAPACITY	REF.	PRICE € EXCL. VAT
Lemongras	250 mL / 1 L	**1408502FI / 1408501FI**	**9.90 / 15.50**
Lavender	250 mL / 1 L	**1430502FI / 1430501FI**	**9.90 / 15.50**
Pepper Mint	250 mL / 1 L	**1431502FI / 1431501FI**	**9.90 / 15.50**
Mountain Pine	250 mL / 1 L	**1432502FI / 1432501FI**	**9.90 / 15.50**
Eucalyptus	250 mL / 1 L	**1434502FI / 1434501FI**	**9.90 / 15.50**
Mountain Herbs	250 mL / 1 L	**1436502FI / 1436501FI**	**9.90 / 15.50**
Intensive Eucalyptus	250 mL / 1 L	**1439502FI / 1439501FI**	**9.90 / 15.50**
Spruce Needle	250 mL / 1 L	**1443502FI / 1443501FI**	**9.90 / 15.50**
Citrus	250 mL / 1 L	**1444502FI / 1444501FI**	**9.90 / 15.50**
Orange Mandarine	250 mL / 1 L	**1445502FI / 1445501FI**	**9.90 / 15.50**
Mango	250 mL / 1 L	**1450502FI / 1450501FI**	**9.90 / 15.50**
Oriental Spice	250 mL / 1 L	**1465502FI / 1465501FI**	**9.90 / 15.50**
Mediterranean Herbs	250 mL / 1 L	**1466502FI / 1466501FI**	**9.90 / 15.50**
Passion Fruits	250 mL / 1 L	**1511502FI / 1511501FI**	**9.90 / 15.50**
Sandalwood	250 mL / 1 L	**1517502FI / 1517501FI**	**9.90 / 15.50**
Wood Fire	250 mL / 1 L	**1623502FI / 1623501FI**	**9.90 / 15.50**
Blood Orange	250 mL / 1 L	**1627502FI / 1627501FI**	**9.90 / 15.50**
Baked Apple	250 mL / 1 L	**1628502FI / 1628501FI**	**9.90 / 15.50**
Citrus-Melisse	250 mL / 1 L	**1629502FI / 1629501FI**	**9.90 / 15.50**
Cherry	250 mL / 1 L	**1638502FI / 1638501FI**	**9.90 / 15.50**
Honey	250 mL / 1 L	**1641502FI / 1641501FI**	**9.90 / 15.50**
Forest Fruits	250 mL / 1 L	**1645502FI / 1645501FI**	**9.90 / 15.50**
Almond Blossom	250 mL / 1 L	**1651502FI / 1651501FI**	**9.90 / 15.50**
Rose	250 mL / 1 L	**1693502FI / 1693501FI**	**9.90 / 15.50**
Sage	250 mL / 1 L	**1696502FI / 1696501FI**	**9.90 / 15.50**
Chamomile Juniper	250 mL / 1 L	**1698502FI / 1698501FI**	**9.90 / 15.50**

PRO HINT

The recommended dose for cabins of 15 m^3 (approximately) is 10 to 20 mL per litre of water poured on the stones.

FRAGRANCES

SCENTS FOR SAUNAS AND STEAM BATHS

CF TRUST PRODUCT

MADE IN GERMANY

lacoform

Our lacoform sauna fragrances offer the following advantages:
- Very economical, as they are highly concentrated
- Less storage space is required
- Little deposits on the sauna stones
- Reduced allergens
- Easily mixable with the infusion water
- Wide range
- High material compatibility, including plastics
- Can be mixed with each other.



Attention: lacoform sauna fragrances are not suitable for private use and are not sold to private individuals.

SCENTS FOR SAUNAS	CAPACITY	REF.	PRICE € EXCL. VAT
Silver Fir - Spruce Needle: green, woody, resinous, fresh	1 L	**1443101**	**17.50**
Red Sandalwood: woody, balsamic	1 L	**1517101**	**17.50**
Healing Chamomile: herbaceous, floral	1 L	**1464101**	**22.50**
Piemont Cherry: sweet fresh cherries with an almond flavour	1 L	**1447101**	**17.50**
Acacia Blossom: balsamic sweet heavy acacia flower scent	1 L	**1522101**	**20.50**
Almond Blossom: floral, sweet, heavy	1 L	**1651101**	**9.90**
Montafone Hay Flower: herbaceous, floral, hay-like	1 L	**1442101**	**16.50**
Tuscany Herb Garden: herbaceous, tart, spicy	1 L	**1466101**	**20.50**
White Jasmine Flower: powdery floral jasmine scent	1 L	**1648101**	**22.50**
Ceylon Mango: overripe juicy mangoes	1 L	**1450101**	**20.50**
Moroccan Nana Mint: mild peppermint from Morocco	1 L	**1655101**	**22.50**
Mauritius Papaya: fruity, tart, dry	1 L	**1446101**	**27.50**
Alpine Herbs: the fragrance of autumn meadows in the Alps	1 L	**1436101**	**18.50**
Tuscany Thyme: herbaceous, spicy	1 L	**1440101**	**21.50**
Bourbon Vanilla: pure vanilla	1 L	**1449101**	**16.50**
Winter Dream: cinnamon flavour, fruity	1 L	**1462101**	**18.50**

SCENTS FOR STEAM BATHS	CAPACITY	REF.	PRICE € EXCL. VAT
Silver Fir - Spruce Needle: green, woody, resinous, fresh	1 L	**1490001**	**21.50**
Cassis Berry: fruity, sweet acidity, slightly astringent	1 L	**1437001**	**26.50**
Sandalwood: woody, balsamic	1 L	**1518001**	**20.50**
Finish Birch: fresh, slightly floral, fresh	1 L	**1489001**	**20.50**
Iced lime: fresh, lime, fruity, slightly sweet	1 L	**1482001**	**23.50**
China Eucalyptus: cool, camphor-like, slightly sweet	1 L	**1485001**	**24.50**
Eucalyptus Menthol: fresh, camphor-like, minty	1 L	**1486001**	**22.50**
Acacia Blossom: floral, fresh, green	1 L	**1523001**	**21.50**
Montafone Hay Flower: herbaceous, floral, hay-like	1 L	**1471001**	**19.50**
Provence Lavender: herbaceous, floral, slightly sweet	1 L	**1474001**	**37.50**
Morocco Maracuja: fruity, sweet, slightly floral	1 L	**1493001**	**20.50**
Orange Mandarin: orange, sweet fresh, mandarine	1 L	**1481001**	**24.50**
Bourbon Vanilla: warm, soft, balsamic, sweet	1 L	**1475001**	**17.50**
Tropical Rain Forest: floral, fresh, green	1 L	**1652001**	**25.50**
Oriental: spicy, floral, orange-flavour, sweet	1 L	**1499001**	**17.50**

FRAGRANCES

SCENTS FOR SPAS



PRODUCT BONUS

+ Very economical, since highly concentrated.
+ As a result, less storage space required.
+ No deposits in sand and cartridge filters.
+ Allergen-reduced.
+ Easily miscible with spa water.
+ Scents are highly diffused with long-lasting effect.
+ High compatibility with materials including plastics.
+ Can be mixed with each other.

A spa combines the pleasure of a hot water bath with a sophisticated massage technique for different parts of the body, which provides a deep state of relaxation. With lacoform spa fragrances you can recharge your batteries deeply and with all senses involved.

SCENTS FOR SPAS	CAPACITY	REF.	PRICE € EXCL. VAT
Wild Strawberry	250 mL	**1424002**	**21.50**
Cocos-Vanilla	250 mL	**1423002**	**21.50**
Lemon Garden	250 mL	**4513002**	**21.50**
Pine	250 mL	**1422002**	**21.50**
Eucalyptus	250 mL	**1435002**	**21.50**
Rose	250 mL	**1657002**	**21.50**









PRO HINT

The recommended dose for spas (approximately) is 5 mL per m^3 of water volume.



CONTENTS

POOL AND SPA SOLUTIONS

BUILDING SOLUTIONS

p. 374 **CF Block L and X polystyrene structures**

p. 378 **Isi-Miroir prefabricated system for mirror-effect pools**

SAFETY POOL BARRIERS

p. 382 **CF safety pool barriers**

WORK-SITE EQUIPMENT

p. 384 **CF Tank**

p. 385 **CF Tank+** NEW

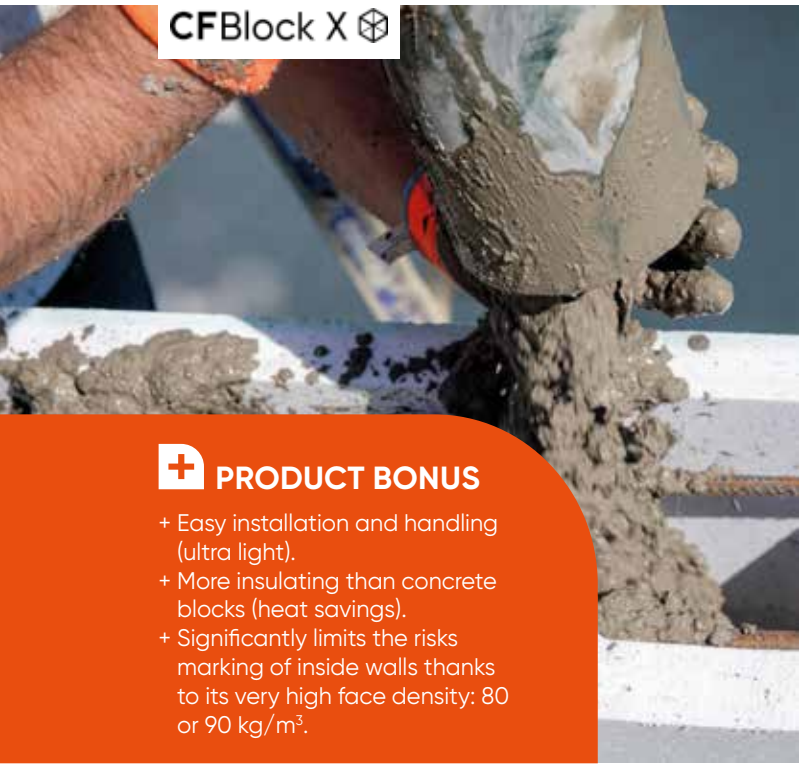
SPAS

p. 387 **Nephea Spa Comfort range**

BUILDING SOLUTIONS

CF BLOCK L / CF BLOCK X

Polystyrene structure





PRODUCT BONUS

+ Easy installation and handling (ultra light).
+ More insulating than concrete blocks (heat savings).
+ Significantly limits the risks marking of inside walls thanks to its very high face density: 80 or 90 kg/m³.

Choose your polystyrene structure between our 3 blocks: CF BLOCK, CF BLOCK L and CF BLOCK X.

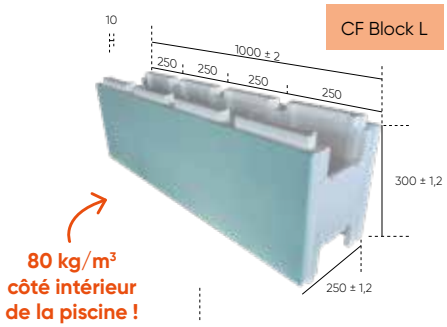
Robust: a 25 cm wall including 15 cm of reinforced concrete.

BENEFITS

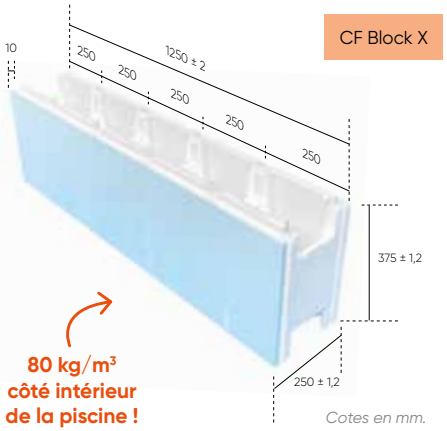
CF Block, CF Block L and CF Block X present a construction system similar to that of masonry blocks, by staggering the blocks.

- Light weight and easy to cut, CF Block, CF Block L and CF Block X allow faster mounting due to its small weight and longer dimensions than concrete block.
- Allied to concrete, polystyrene is perfectly resistant to pressure.
- No plastering is necessary on the interior walls before the felt (or foam) and waterproofing.
- Polystyrene is an excellent thermal insulator which reduces energy losses.
- Easily cutable with a handsaw, sabre saw, or styrofoam-cutter.
- Concrete filling in 3 consecutive fills for a more equal fill.

CF Block L



CF Block X



Cotes en mm.

SCAN THIS QR CODE TO DISCOVER THE INSTALLATION VIDEO:

TECHNICAL CHARACTERISTICS

	CF BLOCK L	CF BLOCK X
Reference	**CFBLOCKL80**	**CFBLOCKX80**
TECHNICAL CHARACTERISTICS OF CF GROUP POLYSTYRENE BLOCKS		
Dimensions (Lenght x width x height)	100 x 25 x 30 cm	125 x 25 x 37.5 cm
Internal face density	80 kg/m^3	80 kg/m^3
Densité face externe	25 kg/m^3	25 kg/m^3
Concrete amount	132 l/m^2	132 l/m^2
Bending resistance	360-460 kPa	360-460 kPa
Thermal conductivity	0.036 W/m.K	0.032-0.034 W/m.K
CHARACTERISTICS OF CONCRETE FILL		
Minimum compressive strength	C20/25	C20/25
Exposure class according to the French standard NF EN 206/CN	XC2	XC2
Consistency class according to the French standard NF EN 206/CN	S4	S4

PRICES

	CF BLOCK L	CF BLOCK X
PRICES OF CF GROUP POLYSTYRENE BLOCKS		
Reference	**CFBLOCKL80**	**CFBLOCKX80**
Unit public price of block (€ excl. VAT)	**16.00**	**27.50**
Packing	per pallet of 40 blocks **only***	by full truckload of 640 blocks **only**
PRICES OF PLUGS FOR POLYSTYRENE BLOCKS		
Reference of the batch of plugs	**BLOCKLBOU**	**BLOCKXBOU**
Price of the batch of plugs (€ excl. VAT)	**1.23**	**0.83**
Packing	1	2
ESTIMATE OF THE NUMBER OF BLOCKS REQUIRED TO BUILD A FLAT-BOTTOMED SWIMMING POOL 1.50 M HIGH		
Number of rows required	5	4
PISCINE 6 X 3 M		
Number of blocks required	99	68
Number of batchs of plugs required	40	16
PISCINE 8 X 4 M		
Number of blocks required	129	84
Number of batchs of plugs required	40	16
PISCINE 10 X 5 M		
Number of blocks required	159	104
Number of batchs of plugs required	40	16

** packaged with UV protection film.*

PRO HINT

It is strongly recommended to order a few extra blocks.

BUILDING SOLUTIONS

CF BLOCK L / CF BLOCK X

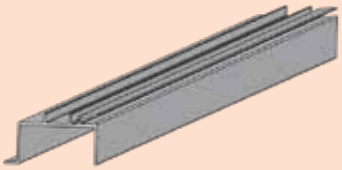
Polystyrene structure



ACCESSORIES

► «U» SHAPED ALUMINIUM LINER-LOCK PROFILE FOR CF BLOCK, CF BLOCK L AND CF BLOCK X

- Setting this «U» shaped block liner-lock profile before filling saves time and helps align the blocks.
- The rigid aluminium is designed for a good concrete seal. The liner-lock works with the liner, and on-site liner, bead and the liner wedge. It has two rigidifiers that also help support the decking while optimising the mortar thickness. When used with the block liner-lock corner, this creates the ideal solution for perfect and easy liner installation around the whole pool.
- Length: 2 m; width: 7 cm.



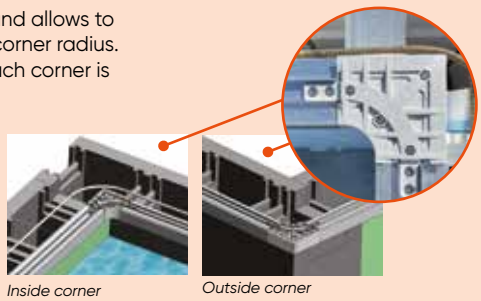
REF.	UNIT PRICE € EXCL. VAT
CFRAIL	**29.20**

► LINER-LOCK CORNER KIT FOR CF BLOCK, CF BLOCK L AND CF BLOCK X

- The exclusive CF group liner-lock corner kit is made from reinforced polypropylene and allows to join lengths and widths with the supplied self-tapping screws making a small 3 cm corner radius. These corners make a continuous track for a perfect liner install. Please note that each corner is reversable and can be used for inside and outside corners for steps.

REF.	PRICE € EXCL. VAT
CFKITANGLE	**8.57**

INFO The liner has to be ordered at sharp angles.



Inside corner *Outside corner*

► BAG OF 25 PLATES AND 50 SELF-DRILLING SCREWS

- Bag of 25 plates and 50 self-drilling screws for fixing rails and angles.

REF.	PRICE € EXCL. VAT
CFFIXRAIL	**26.46**





CFBlock

THE RESPONSIBLE ALTERNATIVE FOR YOUR POOL STRUCTURES











HEATING SAVINGS
CF Block is made of polystyrene, which insulates better than concrete blocks

WORKING COMFORT
CF Block is ultra-light, taking the strain off your teams

PRODUCTIVITY
CF Block is very quick to install

STRONG
Bi-density with an ultra-dense face preventing marking of the inner walls

a brand by **CF group**

BUILDING SOLUTIONS

ISI-MIROIR

Prefabricated system for mirror-effect pools



PRODUCT BONUS

+ Unique on the market.
+ Easy to install.
+ Less expensive than traditional construction.
+ Adaptable for new construction or renovation.

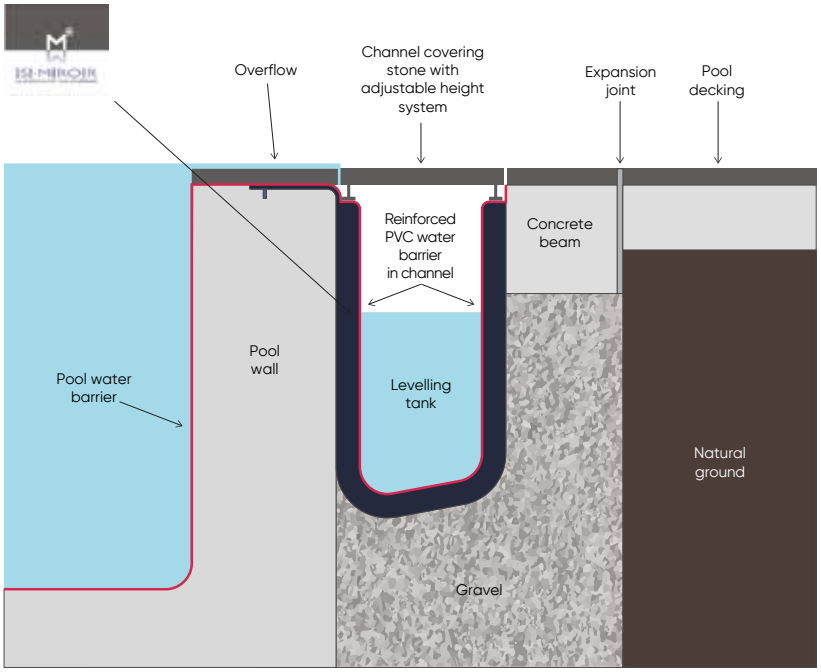
Designed for the comfort of pool professionals, the innovative and patented Isi-Miroir system integrates, in a single complete modular element, a channel, a buffer tank and a levelling device for the finish trim.
Isi-Miroir was developed in partnership with the CSTB and complies with the 2016 European standards.

A VERSATILE SOLUTION

Isi-Miroir adapts to many configurations:
- New construction or renovation
- Wood or stone decking
- Rectangular or square structure
- Masonry construction or polystyrene blocks.

MIROR-EFFECT POOLS WITHOUT ANY INSTALLATION CONSTRAINTS

• The mounting of the channel, which acts as a buffer tank, can be done in one day and requires only one person.
• Its levelling system makes installation quick and easy.



INFO

SEE OUR INSTALLATION VIDEO !

ISI-MIROIR KIT COMPOSITION

	**Ref. G03** **Channel**	Black polypropylene channel - long. 75 cm
	**Ref. G05** **Corner chanel**	Black polypropylene 90° corner channel
	**Ref. K03** **Installation kit**	• Knock-in rivet • Suction kit • Overflow kit • Drainage kit • Wall flange • Closure plate • Concrete anchor kit • Rivet clips for channel assembly
	**Ref. K04** **Support**	H-shaped adjustable support for finishing stone channel

ISI-MIROIR QUOTATION EXAMPLES

Pool dimension	**7 x 3.5 m**	**8 x 4 m**	**9 x 4.5 m**	**10 x 5 m**	**12 x 6 m**
Minimum water flow required	42 m³/h	48 m³/h	54 m³/h	60 m³/h	72 m³/h
NUMBER OF PIECES IN THE KIT					
Channel - long. 75 cm	28	32	36	40	48
90° corner channel	4	4	4	4	4
Installation kits	23	26	29	32	38
H-shaped adjustable support for finishing stone channel	51	56	61	66	76
Packaging	1	1	1	1	1
TOTAL (price € excl. VAT)	**7 109.00**	**7 856.00**	**8 603.00**	**9 350.00**	**10 844.00**
Delivery	**Please ask**				

INFO

EACH PROJECT MUST BE THE SUBJECT OF A PERSONALIZED STUDY
Ask for an estimate by filling out the dedicated document that you will find page 508 of this catalogue. After analysis, we will send you an estimate.

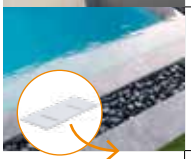
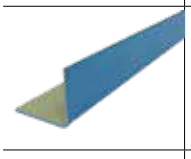
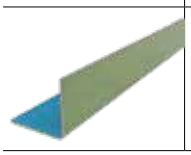
BUILDING SOLUTIONS

ISI-MIROIR

Prefabricated system for mirror-effect pools

SYSTEM PATENTED · MADE IN FRANCE · 2 years WARRANTY

OPTIONS

OPTIONS		PRICE € EXCL. VAT
	**Ref. G010 - Custom-made corner channel** Black polypropylene custom-made corner channel	**383.00**
	**Ref. KI30 - Closing kit** Kit of 2 closing plates on the channel side, necessary for the installation of Isi-Miroir on 1, 2 or 3 sides of the pool	**103.00**
	**Ref. EF11 - HDPE grid*** 1 500 x 265 mm grid for 20/40 pebble - finish on the channel	**83.40**
	**Ref. N01 - Isi-Level** Level system of the pool in case of defective masonry (flatness defect higher than 2 mm)	**109.00**
	**Ref. KE03 - Angle bracket for concrete pool** Made of colaminated sheet metal, for concrete waterproofing - long. 2 m	**23.00**
	**Ref. KE01 - Colaminated sheet metal angle bracket** Replaces neoprene glue for reinforced membrane installation in the channel - long. 2 m	**23.00**

OPTIONS		PRICE € EXCL. VAT
	**Ref. R01** **5-sensor level control box** pre-mounted on a pole with 15 m cable. 3-parameter control: pump safety, solenoid valve management and overflow safety	**998.00**
	**Ref. EP16** **3-pump power supply and programming box** 3 thermal-magnetic circuit breakers 3 on/off switches 300W/12V transformer for lighting 5-sensor level control (see ref. R01)	**1 872.00**
	**Ref. EP17** **2-pump power supply and programming box** 2 thermal-magnetic circuit breakers 2 on/off switches 300W/12V transformer for lighting 5-sensor level control (see ref. R01)	**1 816.00**

** It does not include the supply of pebbles.*

PORCELAIN STONEWARE FOR CLADING CHANNELS (OPTION) Width: 25 cm. Thickness: 2 cm. Non-slip.**

CHANNELS



LIGHT GREY	BEIGE	BLACK	ANTHRACITE	WOOD	WAXED CONCRETE	TRAVERTINE
25 X 60 CM:						
HA60GC	**HA60B**	**HA60N**	**HA60GA**	/	**HA60BC**	**HA60T**
PRICE € EXCL VAT: **26.00**						
25 X 120 CM:						
HA120GC	**HA120B**	**HA120N**	**HA120GA**	**HA120BO**	**HA120BC**	**HA120T**
PRICE € EXCL VAT: **52.00**						

PORCELAIN STONEWARE COPING (OPTION) Made-to-measure width, 29 cm maximum. Thickness: 2 cm. Non-slip.**

COPING



LIGHT GREY	BEIGE	BLACK	ANTHRACITE	WOOD	WAXED CONCRETE	TRAVERTINE
25 X 60 CM:						
MG60GC	**MG60B**	**MG60N**	**MG60GA**	/	**MG60BC**	**MG60T**
PRICE € EXCL VAT: **35.00**						
25 X 120 CM:						
MG120GC	**MG120B**	**MG120N**	**MG120GA**	**MG120BO**	**MG120BC**	**MG120T**
PRICE € EXCL VAT: **70.00**						
MGDEC45	**45° Pool Coping Cutting Package**	PRICE € EXCL VAT: **56.00**				

*** To be filled in the quote request form that you can find p. 508 of this catalogue.*

ISI·MIROIR

PATENTED PRODUCT
MADE IN FRANCE

© DEL SAS







THE ELEGANCE OF A MIRROR POOL **WITHOUT THE INSTALLATION HASSLE**

- Complete channel-buffer tank kit, unique on the market
- Ideal for new construction or renovation
- Quick and easy installation by a single person
- More economical than a conventional installation

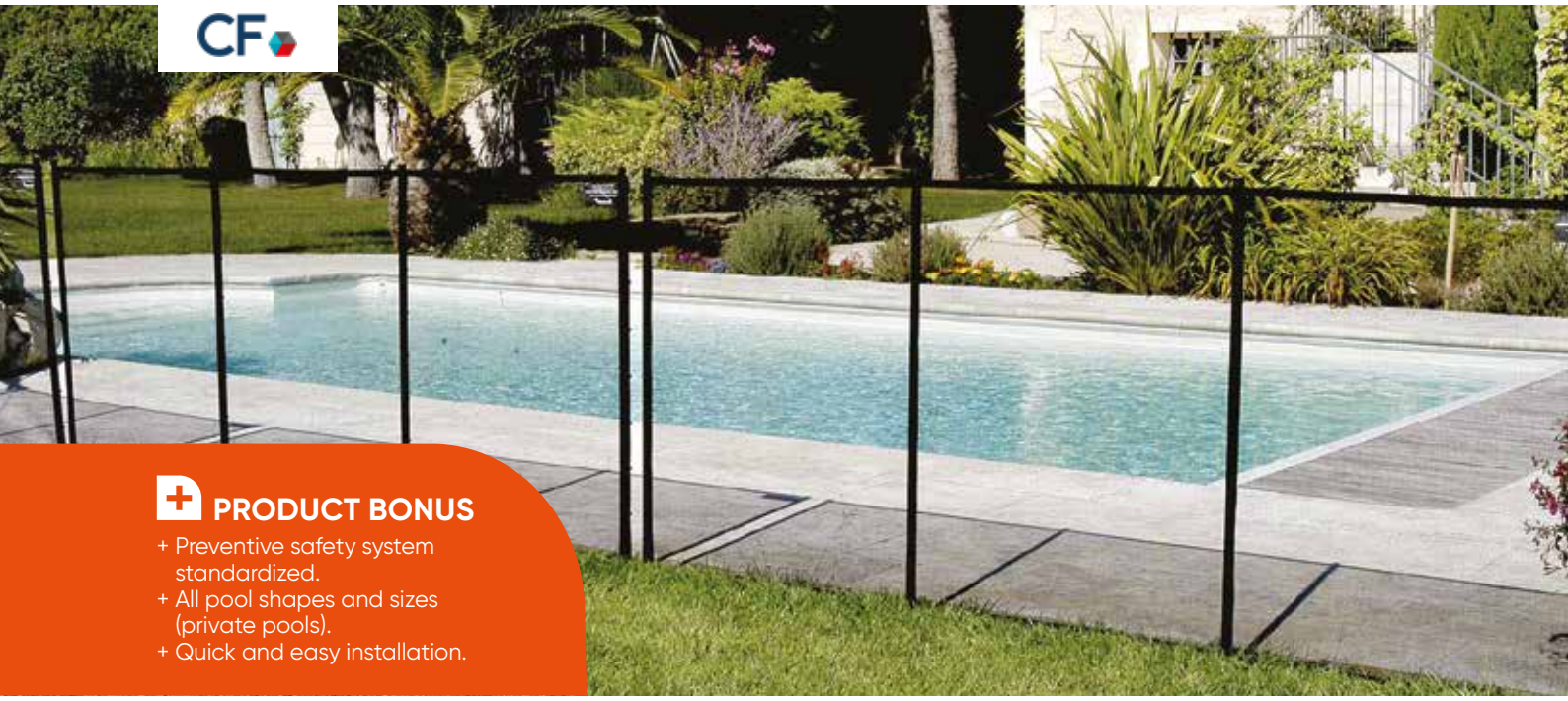
A solution distributed by **CF group**

See pages 378 to 380

SAFETY BARRIERS

CF SAFETY POOL BARRIERS

Flexible safety barrier



PRODUCT BONUS

+ Preventive safety system standardized.
+ All pool shapes and sizes (private pools).
+ Quick and easy installation.

BENEFITS

- The black net with transparent veil effect makes it easier to monitor and allows you to continue enjoying the view from your swimming pool.
- Each link between 2 modules is an access secured by a latch which imposes a double action to be opened.
- The modules are removable, it only takes a few minutes to remove them completely.
- The barrier adapts to all shapes of swimming pool and can even be cut in lenght to adapt to all garden configurations.
- No maintenance required.
- Available in take-out (3.20 m) or custom-made module.

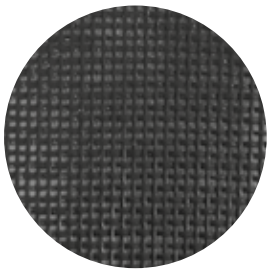


TECHNICAL FEATURES

- Canvas colour: black.
- Material: polyester fabric 4 x 4 mm mesh with veil effect transparent, PVC coated, ultra strong and UV treated.
- Powder coated aluminium posts (Ø 25 ht 1 275 mm) + stainless steel rod (165 mm).
- Max pool size unlimited.
- Designed for all shape of pools.
- Fixings:
  - Male stainless steel rod Ø 12.5 mm / L 95 mm.
  - Plastic anchor sheaths Ø 15.5 mm (concrete drilling Ø 16 mm depth 100 mm).
- Accessories required drill + 16 mm drill bit.
- Double action stainless steel lock opening / closing.
- Height 1.25 m.



Double action stainless steel lock



Canvas colour

PRO HINT

INSTALLATION: the CF safety pool barrier must be mounted on flat, rigid and stabilised ground (concrete slab or blocks).
Each post must be inserted into its sheath anchored into the ground. The barrier must be installed at least 1 m from the pool edge.
Each module must be installed in a straight line, corners are always between two modules.
Installation specification: see technical leaflet.

CF TRUST PRODUCT · 2 years WARRANTY · NF EN NORM 90-306

► TAKE-AWAY SOLUTIONS: 3.20 M MODULE

- Packaging / unit dimensions
  Carton box 12 x 12 x 141 cm (≈ 5.4 kg).
- Multilingual instructions on cardboard packaging (FR / EN / DE).
- Supplied accessories 5 sheaths + 1 additional lock (for hanging wall if necessary).

POOL SIZE	POOL / BARRIER DISTANCE	QTY OF MODULES
8 x 4 m	1 m	11
	1.50 m	12
	2 m	14
10 x 5 m	1 m	13
	1.50 m	14
	2 m	15
12 x 6 m	1 m	14
	1.50 m	15
	2 m	16

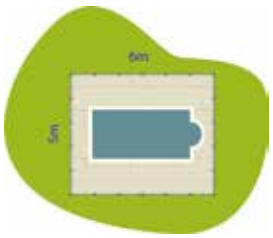


3.20 m module
NORA320

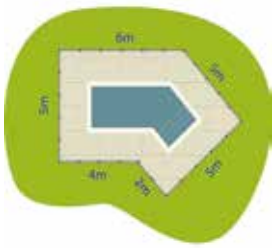
DESCRIPTION	REF.	PRICE € EXCL. VAT
CF flexible safety pool barrier 3.20 m module	**NORA320**	**154.00**

► CUSTOM-MADE SOLUTIONS: MODULE OF 1, 2, 4, 5, 6 M AND BY LINEAR METER ON PLAN

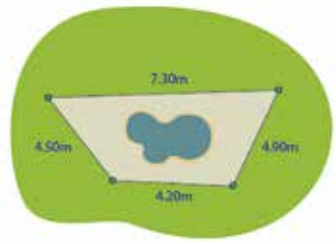
- Limits the possibilities of access.
- More aesthetic because fewer junction posts.



EXAMPLE 1
5 & 6 m module
2 modules of 6 m
+ 2 modules of 5 m



EXAMPLE 2
Module of 3, 4, 5 & 6 m
1 module of 6 m
+ 3 modules of 5 m
+ 1 module of 4 m
+ 1 module of 2 m



EXAMPLE 3
By linear meter
1 module of 4.50 m
+ 1 module of 7.30 m
+ 1 module of 4.90 m
+ 1 module of 6.20 m

DESCRIPTION	MANUFACTURER REF.	REF.	PRICE € EXCL. VAT
CF flexible safety pool barrier 1 m module	105151	**NORA100**	**89.86**
CF flexible safety pool barrier 2 m module	105152	**NORA200**	**154.04**
CF flexible safety pool barrier 4 m module	105154	**NORA400**	**213.09**
CF flexible safety pool barrier 5 m module	105155	**NORA500**	**252.88**
CF flexible safety pool barrier 6 m module	105156	**NORA600**	**287.53**
CUSTOM-MADE NET			
CF flexible safety pool barrier per lm / price per linear meter*	105360	**NORAML**	**89.86**
ACCESSORIES			
 CF flexible safety pool barrrier spare part kit: 4 caps + 4 endcaps + 4 sheaths + 1 hook	104335	**NORAKIT**	**9.50**

** Production time on request*

WORK-SITE EQUIPMENT

CF TANK

Water retention tank

CF TRUST PRODUCT · MADE IN EUROPE · 2 years WARRANTY



PRODUCT BONUS

+ Saves water.
+ Ultra simple to use.
+ Versatile.
+ Time saving.

ADVANTAGES

- Essential tool for water management, an increasingly precious resource, CF Tank is a flexible water retention that's quick to install and easy to use.
- The CF Tank allows you to store pool water during maintenance or requiring total or partial or partial emptying, as well as during pool renovation operations.
- Using a CF Tank when fitting a liner allows you to fill part of the part of the pool. Clamping can then be done immediately, avoiding the need for additional intervention and travel.
- The tank can be installed on a flat and horizontal area above or below the level of the pond to be filled. It can be emptied either by gravity or by means of a transfer pump not supplied.
- The tank can be easily moved from one site to another to serve as a short or longer term water reserve.
- Thanks to closed storage, no evaporation, no oxidation, no external contamination, no insects (mosquitoes).

TECHNICAL FEATURES

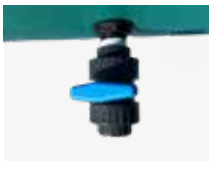
- Colour green RAL 6026.
- 100 % recyclable material: PVC 905 F3 FERRARI brand.
- Weight: 900 g/m^2.
- Breaking strength: CH 400/TR 380 daN 5 cm.
- Temperature resistance: from -30 to +70 °C.
- French design and manufacture tank.
- Quality control: the tightness of 100 % of the tanks is checked.

STANDARD KIT

- A 160 mm diameter welded vent hatch with screw cap for easy access. 1
- A 1'' threaded overflow on the top + threaded elbow fitting.
- A 1'½ tank outlet up to 5 m^3 and 2 '' up to 30 m^3.
- A PVC valve outlet on the side (to be mounted on the 1''½ or 2" outlet): Ø 50 mm (up to 5 m^3) or Ø 63 mm (from 10 m^3). 2
- 4 tank reinforcement corners with stainless steel screws. 3
- A repair kit.









VOLUME (M^3)	LENGTH (M)	WIDTH (M)	HEIGHT (M)	WEIGHT (KG)	REF.	PRICE € EXCL. VAT
1	2.45	1.46	0.50	10	**CITERN1**	**260.00**
2	2.70	2.045	0.60	14	**CITERN2**	**310.00**
5	3.35	2.93	0.80	25	**CITERN5**	**450.00**
10	5.50	2.93	0.90	35	**CITERN10**	**620.00**
20	8.84	3.50	0.92	56	**CITERN20**	**820.00**
30	6.25	5.92	1.20	70	**CITERN30**	**1 120.00**

WORK-SITE EQUIPMENT

CF TANK+ NEW

The Resource-Conserving Water Storage Tank

CF TRUST PRODUCT · MADE IN EUROPE · 2 years WARRANTY

CFTank



PRODUCT BONUS

+ Collects and stores water for later use.
+ Large capacity of 1.35 m³.
+ Easy & quick installation.

The CF TANK+ reliably collects rainwater and stores it for **later use** – for example, for watering the garden. This allows users to save valuable drinking water from the mains and helps preserve the scarce resource of water. Installed above ground, the tank is housed in a modern, weather-resistant box and serves as a practical alternative to traditional underground systems.

FEATURES

- Large water tank with a capacity of 1.35 m³: easily and quickly accessible via the integrated tap.
- Water in the tank is protected from UV radiation and insects (e.g., mosquitoes), resulting in fewer germs and less algae formation.
- Aluminum cladding: weather-resistant, visually appealing, high-quality, and stable.
- Do-it-yourself: The product (box and water tank) is delivered as a self-assembly kit – assembly by 2 people in approximately 3–4 hours.

THE STANDARD KIT INCLUDES

- Tank
- Pump 1
- Hoses and connectors
- Installation materials for connection to the downpipe of the roof gutter. 2


1


2

VOLUME (M³)	LENGTH (M)	WIDTH (M)	HEIGHT (M)	EMPTY WEIGHT (KG)	REF.	PRICE € EXCL. VAT
1.35	2.00	1.08	1.10	approx. 150	**CFTANK+**	**2 899.00**

ACT SUSTAINABLY – WITH CF GROUP PRODUCTS

We have been working for many years to make our products more sustainable and less CO2-intensive... while still offering high-quality and user-friendly solutions. We categorize these products into 3 levels, depending on the degree of resource savings:

- LEVEL 1: Resource Saving – Energy, Electricity & Water
- LEVEL 2: Resource Autonomy – No use of electricity or water from the grid
- LEVEL 3: Resource Generation

The CF Tank+ is a **LEVEL 2** product.

NEPHEA SPA



COMFORT RANGE



The spa designed to optimize energy consumption without compromising your relaxation.

- **ENHANCED THERMAL INSULATION**
  Finnish design.
- **PRE-EQUIPPED FOR SPECIAL SPA HEAT PUMP**
  Heat pump optional.
- **OPTIMIZED MASSAGE POWER**
  High-performance pumps with lower energy consumption.

Our spa range may evolve throughout the year.
We recommend checking model availability before placing your order.

SPAS

COMFORT 315

Comfort range

NEPHEA SPA

CF TRUST PRODUCT

MADE IN EUROPE

5 years WARRANTY STRUCTURE TANK

2 years WARRANTY EQUIPMENT

X1 X5



PRODUCT BONUS

+ 6 massage seats including 1 lounger seat.
+ Optimized thermal and sound insulation.
+ Pre-equipped for heat pump.
+ ABS acrylic shell, urethane-reinforced for greater durability.

- Measurements: 2.10 x 2.10 x 0.96 m.
- Empty weight: 350 kg.
- Volume: 1300 liters.
- Sterling Silver ABS acrylic shell, urethane-reinforced.
- Casing: french birch-look aluminum composite panel.
- Grey insultation cover 12 to 10 cm thick.
- 52 massage jets including 20 ≥ 3".
- Adjustable air injection valve.
- Filtration pump: 200 W.
- 2 massage pumps: 1500 W each.
- Filtration: height ajustable skimmer, 1 cartridge.
- Balboa control box with 3000 W heater.
- Control panel: Balboa TP700.
- 14 LED chromotherapy lights.
- Balboa ozonator sanatizer.
- Thermoformed ABS base with 50 mm XPS insulation panel.
- WPC (Wood-Plastic Composite) frame.
- 30 mm PIR perimeter insulation with 2-sided infrared reflector.
- Easy maintenance and easy accessibility for all inside parts.
- Power supply: 220/240 V.
- Electrical connection: 1 x 16 A.



REF.	PRICE € EXCL. VAT
COMF315	8 325.00

Prices exclude PMCB and WEEE eco-participation. Postage extra: please consult us.

▶ BALBOA BP600 CONTROL SYSTEM



▶ BALBOA TP700 INTUITIVE CONTROL PANEL



OPTION

▶ CLIM8ZONE™ BALBOA HEAT PUMP OPTION



See details on p. 390 of this catalogue.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



INFO

Delivery time: please enquire.

DON'T FORGET!

Ask your Area Manager for our sales literature and POS tools.

Pictures not contractually binding.

SPAS

COMFORT 323

Comfort range

NEPHEA SPA

CF TRUST PRODUCT | MADE IN EUROPE | 5 years WARRANTY STRUCTURE TANK | 2 years WARRANTY EQUIPMENT

X2 X3



PRODUCT BONUS

+ 5 massage seats including 2 longer seats.
+ Optimized thermal and sound insulation.
+ Pre-equipped for heat pump.
+ ABS acrylic shell, urethane-reinforced for greater durability.

- Measurements: 2.10 x 2.10 x 0.96 m.
- Empty weight: 350 kg.
- Volume: 1300 liters.
- Sterling Silver ABS acrylic shell, urethane-reinforced.
- Casing: french birch-look aluminum composite panel.
- Grey insultation cover 12 to 10 cm thick.
- 53 massage jets including 31 ≥ 3".
- Adjustable air injection valve.
- Filtration pump: 200 W.
- 2 massage pumps: 1500 W each.
- Filtration: height ajustable skimmer, 1 cartridge.
- Balboa control box with 3000 W heater.
- Control panel: Balboa TP700.
- 14 LED chromotherapy lights.
- UV lamp.
- Thermoformed ABS base with 50 mm XPS insulation panel.
- WPC (Wood-Plastic Composite) frame.
- 30 mm PIR perimeter insulation with 2-sided infrared reflector.
- Easy maintenance and easy accessibility for all inside parts.
- Power supply: 220/240 V.
- Electrical connection: 1 x 16 A.



REF.	PRICE € EXCL. VAT
COMF323	8 325.00

Prices exclude PMCB and WEEE eco-participation. Postage extra: please consult us.

► BALBOA BP600 CONTROL SYSTEM



► BALBOA TP700 INTUITIVE CONTROL PANEL



OPTION

► CLIM8ZONE™ BALBOA HEAT PUMP OPTION



See details on p. 390 of this catalogue.

INFO

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Pictures not contractually binding.

SPAS

COMFORT 324

Comfort range

NEPHEA SPA

CF TRUST PRODUCT

MADE IN EUROPE

5 years WARRANTY
STRUCTURE TANK

2 years WARRANTY
EQUIPMENT

X2 X4



PRODUCT BONUS

+ 6 massage seats including 2 longer seats.
+ Optimized thermal and sound insulation.
+ Pre-equipped for heat pump.
+ ABS acrylic shell, urethane-reinforced for greater durability.

- Measurements: 2.30 x 2.30 x 1.02 m.
- Empty weight: 380 kg.
- Volume: 1700 liters.
- Sterling Silver ABS acrylic shell, urethane-reinforced.
- Casing: french birch-look aluminum composite panel.
- Grey insultation cover 12 to 10 cm thick.
- 42 massage jets including 28 ≥ 3".
- Adjustable air injection valve.
- Filtration pump: 200 W.
- 3 massage pumps: 1500 W each.
- Filtration: height ajustable skimmers, 2 cartridge.
- Balboa control box with 3000 W heater.
- Control panel: Balboa TP700.
- 14 LED chromotherapy lights.
- UV lamp.
- Thermoformed ABS base with 50 mm XPS insulation panel.
- WPC (Wood-Plastic Composite) frame.
- 30 mm PIR reinforced perimeter insulation with 2-sided infrared reflector.
- Easy maintenance and easy accessibility for all inside parts.
- Power supply: 220/240 V.
- Electrical connection: 1 x 25 A or 3 x 16 A.



REF.	PRICE € EXCL. VAT
COMF324	9 325.00

Prices exclude PMCB and WEEE eco-participation. Postage extra: please consult us.

► BALBOA BP600 CONTROL SYSTEM



► BALBOA TP700 INTUITIVE CONTROL PANEL



OPTION

► CLIM8ZONE™ BALBOA HEAT PUMP OPTION



See details on p. 390 of this catalogue.

DOWNLOAD AND SHARE THE MARKETING MATERIALS!



INFO

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DON'T FORGET!

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Pictures not contractually binding.

SPAS

HEAT PUMP OPTION FOR COMFORT SPAS

2 years WARRANTY

► CLIM8ZONE™ HEAT PUMP



OR

► CLIM8ZONE™ II HEAT PUMP



+ Heats or cools spa water.
+ Consume 5 to 15 times less energy than a conventional electric heater under certain operating conditions.
+ The control of these heat pumps is directly integrated into the TP700 control panel of Comfort range spas.
+ Operate even at low ambient temperatures, down to -20°C/-4°f.

REFERENCES	CLIM8ZONE	CLIM8ZONE2
Max. water volume (m^3)	15~30	5~15
Outside operating temperature	-20~43 °C	-20~43 °C
Measurments (mm)	794.1 w x 430 h x 474 d	498 w x 486 h x 476 d
Conditions: Air 27 °C, Water 26 °C, Humidity 80%		
Heating capacity (kW)	7.5~1.92	4.0~1.0
Power input (kW)	1.15~0.13	0.8~0.11
C.O.P.	6.5~14.8	5.0~9.5
Conditions: Air 15 °C, Water 26 °C, Humidity 70% (NF-414)		
Heating capacity (kW)	5.8~1.42	2.5~0.65
Power input (kW)	1.15~0.2	0.63~0.11
C.O.P.	5.0~7.1	4.0~6.1
Conditions: Air 35 °C, Water 28 °C, Humidity 80%		
Cooling capacity (kW)	4	1.5
Sound pressure at 1 m dB(A)	38~48	45
PRICE € EXCL. VAT	**1 665.00**	**1 250.00**



Heat pumps Clim8Zone™ and Clim8Zone™ II are both directly programmable from the TP700 panel from command spa.

3 TEMPERATURE MANAGEMENT MODES

1



HEATING OR COOLING MODE (DEFAULT)
Heats or cools the spa water to maintain the temperature set by the user.

2



HEATING MODE ONLY
Heats spa water.

3



COOLING MODE ONLY
Cools spa water.
Ideal for cooling off in summer.

3 COMPRESSOR SPEED ADJUSTMENT MODES

1 - Automatic (default)
Compressor speed adjustment based on an algorithm to obtain the best ratio of efficiency to operating cost.

2 - High speed
Compressor operation at the highest frequency for faster results without regard to optimizing consumption.

3 - Slow speed
Compressor operation at the lowest frequency for minimum running costs, regardless of how quickly the temperature rises or falls.

3 HEATING MANAGEMENT MODES

1 - eBoost (default)
The heat pump is preferred, and the electric heater is only used if additional power is required.

2 - Continuous
Electric heating is activated continuously.

3 - Off
The electric heater is deactivated and only the heat pump is used to raise or lower the spa water temperature.



CONTENTS

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COVERS AND REEL SYSTEMS

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LINERS

TAKING MEASUREMENTS

Taking measurements is an essential part in making a perfect liner.

Measurements must be accurate, complete and leave no room for interpretation or deduction. Incorrect measurements will cause unnecessary verification costs, delays, or even worse, an unsuitable liner.

TOLERANCE

± 1 cm for distances greater than 1 m.
± 0.5 cm for distances less than 1 m.
± 0.5 cm for steps.

Here is some useful advice to avoid the most common mistakes:

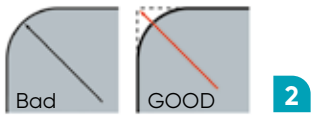
1 LENGTHS AND WIDTHS

- Measure away from rounded corners.
- Measure at the top and bottom of the wall.
- Measure both lengths and widths.



2 DIAGONALS

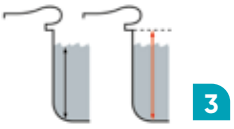
- Measure from length and width intersections, and not from the rounded corners.
- Measure all the diagonals.



Diagonals

3 HEIGHTS

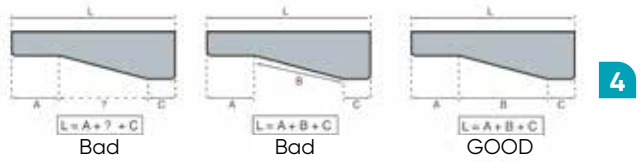
- From the pool edge (fitting profile groove) to the pool bottom away from rounded corners or panel heights for overlap fittings.



Bad GOOD

4 BOTTOM MEASUREMENTS

- Take all the intermediate measurements **horizontally** and check coherency with the total length.

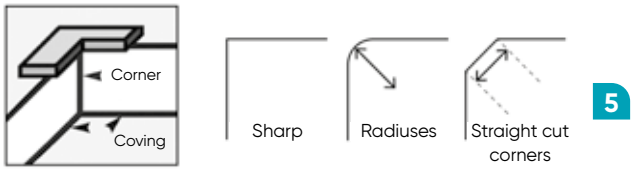


Bad Bad GOOD

5 CORNERS AND COVINGS

- Corner: wall to wall radius. The radius must be constant from top to bottom.
- Coving: wall to floor radius. The radius must be constant all around the pool.

Sharp edges, radius or straight cut corners must be indicated on the order form.



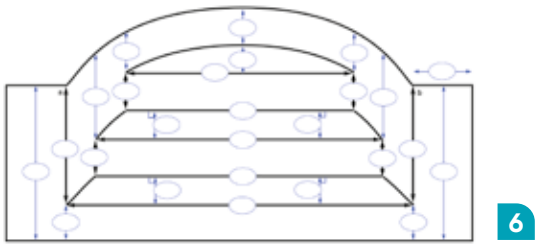
6 STAIRS

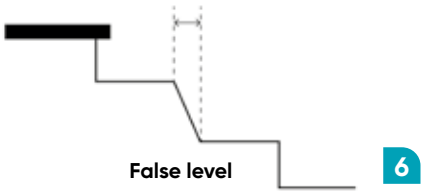
- Step measurements must be taken very carefully.
- For a correct liner, please check the following:

- all the edges are sharp and non-cutting (step noses and risers),
- the step nose and riser measurements are important,
- the water height on the first step must be at least 15 cm.

- When there are masonry defects, a complete and detailed "right side, left side" drawing showing all the measurements is essential. Give the actual masonry measurements.

If the steps are not level or plumb please indicate it on the order form.





7 AUTOMATIC COVER

- Indicate the vertical and horizontal radii for the cover pit. The vertical radius for the separating wall and on either side of the wall must be sharp.

INFO

We strongly recommend felt underlay or foam in the stairs.

LINERS

INSTALLATION ADVICE

NF T54-802 REFERENCE STANDARD

TOOLS AND PRODUCTS REQUIRED FOR INSTALLATION

- Liner-lock wedge.
- Antimicrobial treatment.
- Glue or spray glue.
- Vacuum or QVAC fitted with a 30 mA.
- Broom.
- Screwdriver.
- Cloths.

STORAGE CONDITIONS

Store the liner in its original box at room temperature (no significant temperature variations). We recommend a storage for a maximum of 1 month on your office before installing the liner. Do not stack the box.

INSTALLATION CONDITIONS

- Dry weather.
- Temperature between 15 and 30 °C.

BEFORE INSTALLATION

Make sure that:

- the pool complies with the drawings you sent to produce the liner.
- the surface condition is free of any asperities that could be visible once the liner is installed.
- the support and the filtration system are clean and decontaminated (clean filtering medium).
- the wall units (gaskets, counter-clamps, seals, fasteners, cable glands) and fitting profiles are in good condition.

INFO

In case of renovation, gaskets and seals must be replaced.

- drainage with an outlet from the pool has been made (unless the ground is sufficiently drained).
- the support is compatible with the liner (no bitumen, tar, oils, polystyrene or polyurethane with solvent).
- the pool hydraulics is sufficient to guarantee correct water filtration without leaving any dead zones.
- the support is permeable to absorb condensates, we recommend drilling the structure in the lower corners of the walls.
- the liner lock is watertight thanks to a seal on the top and bottom to prevent water from infiltration due to waves and infiltration under the coping.
- there is no risk of water infiltration due to a rise of ground waters or water flowing from copings (risks increased if there are shelters): relief wells with a permanently connected cellar pump, coping slopes away from the pool.

CLEANING AND DISINFECTING THE SUPPORT

- Cleaning the support is an essential phase in fitting the liner.
- The wall units, seals, screw holes, fitting profiles and UWL cavities must be clean, dust-free and degreased.

BEFORE INSTALLING THE LINER:

- Reinforce the support's permeability by drilling holes in the corners and at the bottom and make sure the plot is sufficiently drained. If this is not the case, create a border drain with a relief well.

In case of renovation, treat the walls and bottom.

- Decontaminate the support using a disinfectant (bleach) then treat it using an antimicrobial fungicide product. Apply the fungicide product using a brush or a roll using 1/4 litre diluted in 10 litres of water. This decontamination must be done only a few hours before the installation as the support gets spoilt very quickly if not covered.

CAUTION

The hydraulic circuit and filtering medium can be a source of water contamination. This is why, when replacing the coating, it is mandatory to make sure the filtration medium is clean. If it is more than 2 years old it must be replaced.

FELT UNDERLAY AND FOAM

At this stage, the pool floor must be perfectly clean, the surrounding area must be clear, and shoes must be removed (wear anti-slip socks) when entering the pool. The underlay or foam must be cut to the exact pool size. There should not be any overlapping. Glue must be applied using a glueing comb or spray.

On the bottom, put glue in various locations, and especially on the corners and edges. The laying of glue on slopes is especially important.

On the walls, the felt underlay must be fully glued. Underlay is especially recommended for blocked surfaces, for steps and half levels, and is optional or to be avoided on steep slopes.

Do not tape the underlay, as this may cause the pigments to migrate.

INSTALLING THE LINER

- The support must be and remain dry.
- Bring the liner box to the centre of the small pool in its original packaging. Do not drag the box as this may damage the liner.
- The liner is folded so that the shallow end is at the top.
- On the liner, there are labels identifying the "deep end" and "shallow end". Remove them when installing.
- Take the liner out and unfold it lengthways.
- Open the liner towards each width.
- Attach the corners (marked by an adhesive tape in each corner of the liner) on the edge or at the centre of the radius of each corner, then at each change of slope. These points must be fixed with pegs or pieces of liner-lock wedge about 15 cm long. The marked points give an indication of the liner adjustment. Identify the corners on the bottom to adjust the liner position.
- Attach the liner along the lengths starting from the middle of each side. Take care to evenly distribute the tension and keep sufficient slack in the corners.
- Finish attaching the liner bead in the liner-lock and check the corner markings remain in place.
- Then place the bottom, shallow end first, and move the excess material towards the walls. Take special care over the corners by pushing them with your feet.
- Then position the step so that the weld between the bottom and the step coincides with the edge of the last riser. Centre the step and lift the material towards the top. The water pressure will always tend to drag the step down.
- For round, oval or free-form pools where there are no corners, it is important to place the liner correctly depending on the different levels of slopes and to spread the wall evenly without making any folds.

OVERLAP LINERS

- Overlap liners are manufactured with excess material on the walls.

The tension is produced by the installer when hanging the liner.

- **For rectangular pools** with thick walls, find the corners using the square of added material to position them correctly.
- **For curved shapes,** position the bottom of the liner carefully to follow the shape while distributing the tension evenly everywhere.
- **For wooden pools,** make sure that the liner tension is correct and that the corners are in the right position before nailing or stapling the liner. For Overlap liners that are hung in a locking rail under the coping, proceed in the same way by adjusting the liner tension in the rail to create the required tension.

LINERS

INSTALLATION ADVICE

NF T54-802 REFERENCE STANDARD

VACUUMING THE LINER

- The use of good suction under the liner **is the absolute condition** for installation without creases.
- Start by sealing off all possible vacuum leaks (the skimmers using cloths, the wall units by shutting the valves, etc.).
- If there is a polyester step, extend the liner-lock at the step level using a removable support. Remember to close off the air passages between the pool and the step to guarantee a correct vacuum.
- Unhook the liner in the shallow end to fit the vacuum tube or Qvac tube at about 15 cm from the bottom. Ideally, there should be two suction points, one in the middle and the other on the level of the stairs. While vacuuming the liner, remove the last folds by pushing the bottom towards the walls and **place the corners in their final position.** The liner must be stretched evenly without being extended. There should be no folds on the bottom when filling the pool. The pool can now be filled. **Filling the pool with water means that you accept the liner like it is.**

FILLING THE POOL

The pool must be filled in on the day the liner is installed using tap water. For boreholes or controlled catchments, the water must be analysed and comply with the maximum recommended by the EN 16 713-3 standard. It is important to check that the water is free from any metal elements and has the correct balance for a use in swimming pools. It is recommended to use a metal remover during the filling operation.

- While the pool is being filled in, the steps, bench or separating wall must be held in place with weights to prevent the liner from sliding. These weights must not be in direct contact with the liner (use spare pieces of liner for example). The filling operation must be supervised by the installer. Raise the vacuum pipe while the pool is being filled.
- The bottom drain must be installed once the liner has stopped moving, i.e. under about 20 cm of water, or when the vacuum is perfect.
- The installation of the wall unit gaskets, lights, outlets and the skimmers is to be done when the water level has arrived at 15 cm under the wall units.
- Locate the screw holes with your finger, drill, fit the seal and then tighten the screws manually in a star pattern.
- Drill the wall units in a cross shape to be able to pull the liner and check that the clamp is sufficiently tight enough. Then cut around it but not too closely, to avoid creating a leak.
- Cut the vacuum only when the filling is complete.
- Analyse the water balance and then treat it.

WATER TREATMENT

Perfect the water balance:

- pH between 7 and 7.6 (acidity level).
- TH between 15 and 25 °f (hardness level).
- TAC between 15 and 25 °f (buffer power against pH variations).

The water temperature must be equal to or below 28 °C but never permanently higher than 28 °C (except for the Protect 33 range - max. 33 °C). The free active chlorine level must be kept at between 0.7 and 1.2 mg/l and if stabiliser is used, the level must be between 1 and 2.5 mg/l - pH between 7 and 7.6. In case of bromine treatments the level should be below 2 mg/l - pH between 7.2 and 7.6. Make sure that the stabiliser level (isocyanuric acid) from the chlorine tablets is lower than 70 mg/l. Finally, only use products dedicated for pool water treatments only! Do not use products containing copper.

If there is an automatic cover and an electrolysis unit, the latter must be fitted with Redox regulation to avoid over-chlorination problems as much as possible. The electrolysis unit coupling contact can only limit this effect if the pool is regularly uncovered. Water parameter checks must be carried out at least twice per week.

Stains or folds on liners always come from water treatment problems or a bad preparation of supports. Be careful. Do not use salt electrolysis treatments if you have a dark liner.

Caution: sun lotions can mark the waterline. Make sure you respect the pre-bathing precautions (shower) and regularly clean the waterline (non abrasive equipment and products suitable for the material).

FILTRATION

The liner lifetime is linked to the pool maintenance. The pump and filter sizing must enable the water volume to be filtered within 4 to 6 hours.

Filtering must operate sufficiently, especially in high temperatures. Apply the formula: filtration time = water temperature / 2 up to 25 °C. Beyond this level, filter 18 hours per day and continuously as soon as the water temperature reaches 28 °C. Filtration time should be more intense during day time because the water gets polluted mainly during the day.

CLEANING

Weekly cleaning during the season:

- Empty the skimmer baskets and the pump pre-filter.
- Clean the waterline using a special non-abrasive and solvent-free waterline product.
- Clean the walls and pool bottom with a brush.
- Backwash the filter during 15 minutes to clean it and prevent it from clogging.
- Every year, renew 1/3 of the pool water volume to prevent an isocyanuric acid saturation. Replace the filtering medium at least every 5 years (or more frequently depending on the water TH).

WINTERING

Pools can be wintered when the water temperature drops below 10°C. It is recommended to winter the pool using a cover or debris type winter cover to prevent dead leaves from accumulating at the bottom of the pool. Otherwise, clean the pool regularly, as impurities can stain the liner. A special wintering water treatment has to be made if the current treatment is not operating continuously during the period the pool is not in use.

Make sure the water is always balanced and check the oxidant level before wintering. Measures must be taken to prevent frost from damaging the pool or the filtration system (gizzmo plus floater, lower the water level, etc.).

In any case, if ice forms, do not interfere. Broken ice may cut the liner.

EMPTYING

Never drain a pool completely. However, if the pools needs a complete drain, this should be carried out under the supervision of a pool professional. The pool should not be emptied for more than 72 hours and the liner must be settled back in compliance with the instructions in this manual: preparing the support and installing the liner. In order to avoid the proliferation of bacteria and fungi, treat the supports which have been exposed to light. **Leaving a liner without water can cause a shrinking of the material.**

STAINS: CAUSES AND SOLUTIONS

	STAIN COLOUR	POSSIBLE CAUSES	WHAT TO DO
	**White**	**1 -** The material is bleached due to contact with a chemical (chlorine).	**1 -** No solution.
	**Pink**	**1 -** Migration of bacteria that has grown under the membrane due to underlying damp.	**1 -** Raise the level of water over the stains, lower the pH and the water temperature, carry out a shock treatment and filter continuously for 48h. As a preventive measure, keep the pH between 7 and 7.4. These stains may be indelible.
	**Orange/brown**	**1 -** Presence of dead algae. **2 -** Water charged with iron, copper, etc. oxide.	**1 -** Brush the pool walls and vacuum the deposits. **2 -** Lower the pH and the water temperature, brush the stains, add a deposit prevention product and then vacuum it.
	**Yellow (waterline)**	**1 -** Chemical reaction between the copper ions present in the pool water and certain anti-UV agents used in sun lotions.	**1 -** No solution.
	**Black**	**1 -** Migration of bacteria that has grown under the membrane due to underlying damp. **2 -** Water charged with heavy metals (iron, silver, etc.).	**1 -** wer the pH and the water temperature, carry out a shock treatment and filter continuously for 48h. As a preventive measure, keep the pH between 6.8 and 7. **2 -** Lower the pH and the water temperature, brush the stains, add a deposit prevention product and then vacuum it.
	Liner sticky or with a greasy deposit	**1 -** Presence of algae. **2 -** Water charged with heavy metals (iron, silver, etc.).	**1 -** Correct the pH, carry out a shock treatment and filter continuously for 48h, clean mechanically. **2 -** Lower the pH and the water temperature, brush the stains, add a deposit prevention product and then vacuum it.
	White/grey	**1 -** Scale deposit.	**1 -** Empty the pool, clean mechanically, re-fill the pool, balance the water and use a scale prevention product.
	Green	**1 -** Presence of algae. **2 -** Accelerated ageing of the waterline due to the sun and oxidising products.	**1 -** Correct the pH, carry out a shock treatment and filter continuously for 48h, clean mechanically. **2 -** Use a de-scaling product and brush the stains, then use a deposit inhibitor and vacuum it.

ON-SITE LINING

REFERENCE STANDARD: NF T54-804

Guarantees on 150/100e on-site lining imply acceptance by the professional customer of the provisions and recommandations set out in the following documents: Standard EN 15836-2 of August 2010 and Standard NF T54-804 of February 2008, updated in June 2019.

ACCEPTANCE OF THE SUBSTRATE ENSURE THAT:

- the pool complies with the drawing provided for the installation of the on-site lining,
- the surface condition does not reveal any roughness that may be visible after the coating has been applied,
- the substrate and filtration system are clean and decontaminated (clean filter media),
- the sealing parts (flanges, counter flanges, gaskets, screws, cable glands) and mounting profiles are in good condition,

INFO

During renovation work, flanges and seals must be replaced to ensure proper sealing and long-term durability.

- Drainage with a pool outlet has been installed (unless the ground is sufficiently well-drained).
- the substrate is compatible with the on-site lining (no bitumen, tar, oils, polystyrene or polyurethane with solvents),
- the pool's hydraulic capacity is sufficient to ensure good water filtration without leaving any dead zones,
- the substrate is permeable to absorb condensation, we recommend drilling holes in the structure at the horizontal corners of the bottom of the walls,
- the fixing profiles have been sealed against the structure's top edge with a mastic joint to prevent water infiltration from waves under the covering,
- There is no risk of water infiltration due to rising groundwater or runoff from decks (increased risk in the case of shelters): decompression well with a sump pump (required) permanently connected, decks sloping outwards.

CLEANING AND DISINFECTION OF THE SUPPORT

- Cleaning the substrate is an essential step in installing the lining.
- The white goods, screw holes, fixing profiles and spotlight recesses must be clean, dust-free and free of grease.

Before installing the on-site lining:

- Improve the permeability of the substrate by drilling holes in the corners and bottom and ensure that the ground has good drainage. If this is not the case, install a perimeter drain and a decompression well.

In case of renovation: descale the surface.

- Decontaminate the surface using a disinfectant (bleach) and then treat it with an antimicrobial fungicide. Apply the fungicide with a brush or roller at a rate of 1/4 litre diluted in 10 litres of water. This decontamination must be carried out no more than a few hours before installation, as the surface will recontaminate very quickly if left uncovered.

CAUTION

The hydraulic circuit and the filter media can be a source of water contamination. This is why, when changing a liner, it is essential to ensure that the filter media is clean. If the media is more than 2 years old, it must be replaced.

FILLING THE POOL

The water used to fill the pool must come from the drinking water supply. For water from boreholes, catchments or wells, it is essential to carry out physical and chemical analyses to detect the possible presence of metals, nitrates and phosphates in accordance with standard EN 16 713-3, in order to apply the necessary treatment.

WATER BALANCE

It is essential to check the water balance (TH/TAC/pH) using a Taylor balance when filling the pool and regularly during its operation.

Key figures:
- TH - between 15 °F and 25°F.
- TAC - between 15 °F and 30 °F.
- pH - between 7 and 7.6.

WATER TEMPERATURE

For PF2000 range: the water temperature in the pool must not exceed 32 °C.

For Aquasense, Aquasense Signature, Aquastone and PF3000 ranges: the water temperature in the pool must not exceed 33 °C.

If this temperature is exceeded, the materials will deteriorate, resulting in creases, discolouration, etc.

WATER TREATMENT

The free active chlorine level must be maintained between 0.7 and 1.2 mg/l and, if there is a stabilizer, the level must be between 1 and 2.5 mg/l - pH between 7 and 7.6. If bromine treatment is used, the level must not exceed 2 mg/l - pH between 7.2 and 7.6. Ensure that the stabiliser (isocyanuric acid) level provided by the chlorine tablets does not exceed 70 mg/l. Always use products that are specifically formulated for swimming pool water treatment.

The water treatment system used for disinfection must not contain copper or silver.

If there is a cover and an electrolyser, the latter must be equipped with a Redox regulator to minimize any problems associated with over-chlorination. The electrolyser's control contact can only limit this effect if the pool is uncovered very regularly. Water parameters must be checked at least twice a week.

The lifespan of the on-site lining is directly linked to pool maintenance. The pump and filter must be sized to filter the volume of water in 4 to 6 hours. The filtration system must run sufficiently, especially in high temperatures. Apply the formula: filtration time= water temperature / 2 up to 25°C. Above this temperature, filter for 18 hours a day and continuously once the water reaches 28°C. Filtration should be carried out during the day rather than at night, as water pollution mainly occurs during the day.

CAUTION

Sunscreen can stain the waterline. To prevent this, shower before entering the pool and clean the waterline regularly using non-abrasive tools and products suitable for the surface.

WINTERISATION

A swimming pool can be winterized when the water temperature is below 10°C. It is recommended to winterize the pool with a winter cover or a mesh to prevent dead leaves from accumulating at the bottom of the pool.

Otherwise, clean the pool regularly as impurities can stain the lining. A special winterizing water treatment must be used if the normal treatment is not maintained throughout the period when the pool is closed. Always ensure that the water is balanced before winterizing and check that the oxidant level does not exceed the recommended limit. Measures must be taken to prevent frost from damaging the pool or the filtration system (gizzmo plus float, lower the water level, etc.).

In any case, if ice forms, do not touch it. Do not try to break it, as this may scratch or cut the on-site lining.

DRAINING

It is not recommended to completely empty a pool. However, if this must be done, it must be carried out under the responsibility of a professional or the project owner. Emptying must not exceed 72 hours and the coating must be replaced in accordance with the instructions in this manual: preparation of the substrate and installation. Exposure of the substrate to light causes the proliferation of bacteria and fungi, against which the substrate must be treated. Exposure of the on-site lining without water causes deformation of the material.

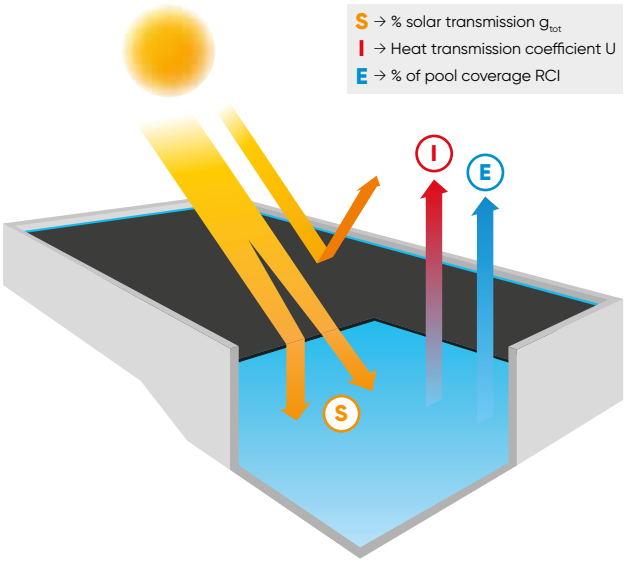
STAINS: CAUSES AND SOLUTIONS

See page 395.

STANDARD EN 17645 - ENVIRONMENTAL EFFICIENCY

AUTOMATIC COVER AND ISOTHERMAL COVERS

In 2024, CF group is introducing standardised information on the environmental efficiency of these products.



SO HOW IS THIS PERFORMANCE CALCULATED?

The 3 indicators (S, I and E) are calculated on the basis of specific physical quantities:

- **S index:** g_{tot} coefficient of transmission of solar radiation from the slats: on a solar energy of 100 how much reaches the water to heat it (for an average European sunshine over a season of 5 months).
- **I index:** Insulation coefficient, based on U (thermal transmission coefficient including surface phenomena): how many Watt are lost per m^2 (when there is a 10°C difference between water and air).
- **E index:** Real Coverage Index (RCI) of the pool: % of the surface area of the plan that is really covered and therefore stops evaporation (considering a daily drop of 6 mm in the water level, or 192 litres/day for an uncovered rectangular 4 x 8 m pool).

Class is determined regarding Natural Thermal Balance value, which is the addition of the 3 indexes mentioned above.

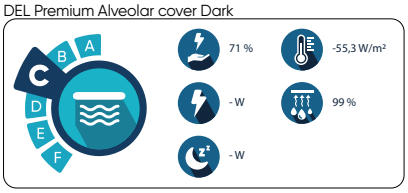
A positive NTB corresponds to a cover that allows the water temperature to rise without conventional heating.
A cover with a negative NTB will need to be accompanied by heating in order to raise the temperature (and stabilise it at the start of the season).
To put into perspective the equivalent of (or a combination with) a conventional heater, the NTB multiplied by the surface area of the pool gives the heating power (W) required to achieve thermal stability in the pool. Operating times should also be taken into account for energy equivalents (W.h).

The standard labelling also includes the electrical power (in active and standby mode) of the cover roller.
This power does not count towards the product's class.

Depending on the expectations, situation and design of the pool, each indicator may be given particular importance on a case-by-case basis.

- The insulation and evaporation indices are essential for pools designed with powerful heating, particularly in cold regions.
- The solar index is predominant for pools not equipped with a traditional heater or with a heater that is undersized in relation to traditional considerations. This index should only be considered for pools that are covered during the day.
- The importance of the insulation index should be put into perspective for pools intended for purely summer use.

DEL Premium Alveolar cover Dark



EXEMPLES

EXAMPLE 1:

Grey opaque PVC 69 slats: NTB = - 33 W/m^2, for a 30 m^2 pool the NTB is - 1000 W, i.e. 24 kW.h/day in terms of lost energy.
To stabilise the water temperature in these conditions, a heat pump delivering 8 kW would have to run for around 3 h/day.

EXAMPLE 2:

Crystal black solar polycarbonate slats: NTB = + 84 W/m^2, on a 30 m^2 pool the NTB is + 2500 W, i.e. 60 kW.h/day in terms of energy gained naturally and "free of charge".
This energy corresponds to what an 8 kW heat pump can supply in around 7.5 h/day.

COMPARISON EXAMPLE 1 VS EXAMPLE 2:

Under these conditions, choosing a crystal black solar polycarbonate shutter instead of 69 grey opaque PVC saves around 10 hours of daily operation of a heat pump, i.e. savings of around €4 per day.

Pool covers provide environmental benefits that go beyond their thermal performance:

- *Protection against dirt from the environment and UV rays (for opaque covers).*
  Limits filtration and treatment times.
  And therefore the electricity consumption of this equipment and that of treatment products.
  Note that the presence of a cover improves the EN 17645 performance of treatment equipment.
- *Blocking evaporation limits losses and therefore water use.*

EN17645:

If a swimming pool is heated, it must be equipped with a cover. If there is no cover on a heated pool, it is not possible to classify the pool in this standard.

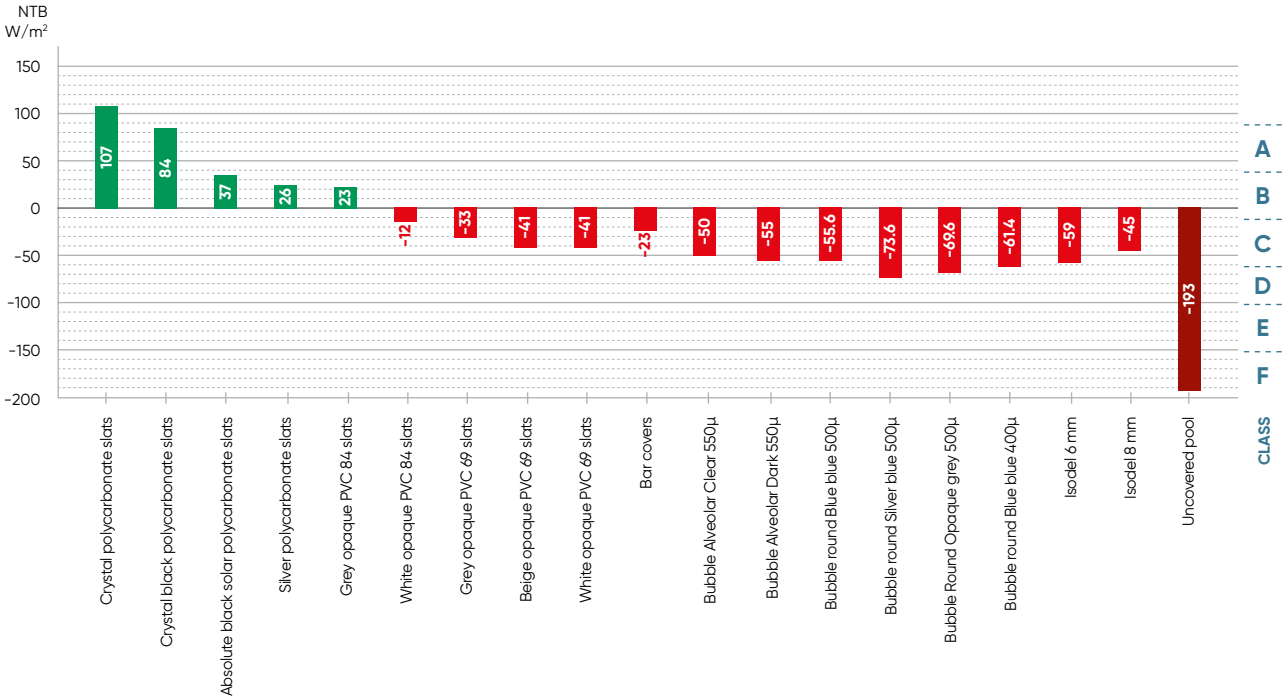
NB: Pools without a heating system are only feasible in warm climates (southern Europe) or temperate regions, if the pool water effectively captures ambient heat and solar radiation at the hottest times of the day, and if the insulation is sufficiently effective to retain the heat captured at other times of the day.

STANDARD EN 17645 - ENVIRONMENTAL EFFICIENCY

AUTOMATIC COVER AND BUBBLE COVERS

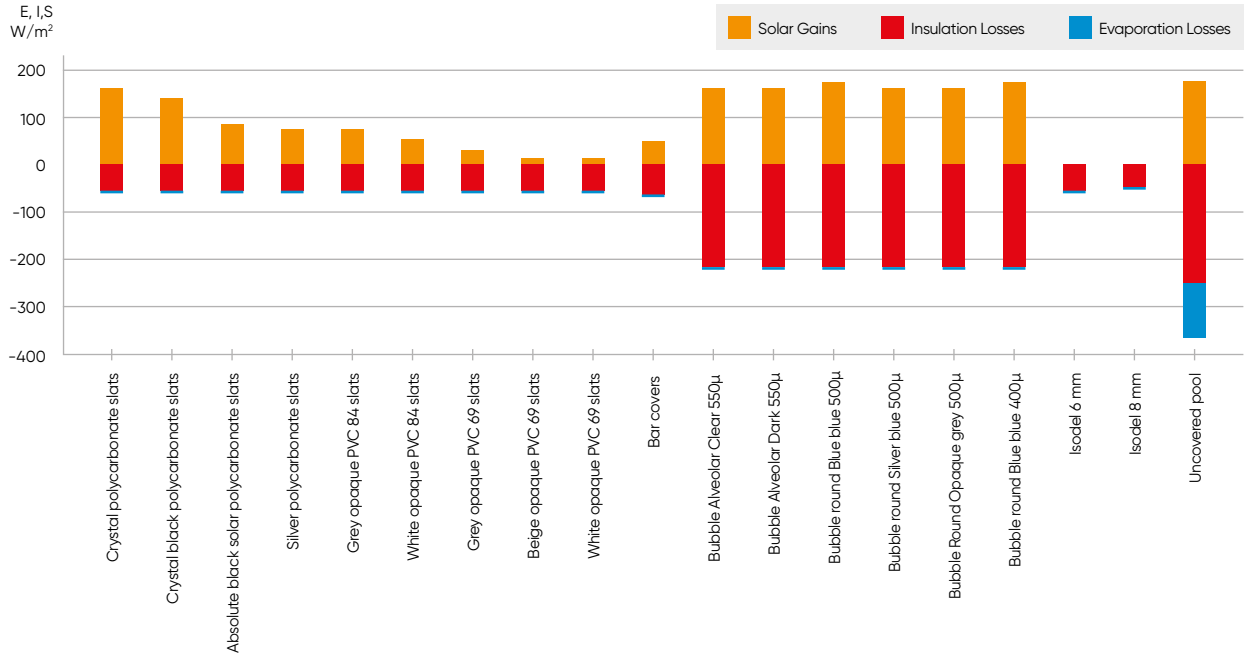
MODEL COVER	SOLAR		INSULATION		EVAPORATION		NTB	CLASS	ERC
	g_{tot}	Scover W/m²	Ucover W/m²	Icover W/m²	RCI	Ecover W/m²	W/m²		
Nordic white opaque polycarbonate slats	Test in progress								
Grey anthracite opaque polycarbonate slats	Test in progress								
Crystal solar polycarbonate slats	80%	**159**	5.12	**51**	99.1%	**1.1**	**+107**	**A**	155%
Crystal black solar polycarbonate slats	68%	**136**	5.12	**51**	99.1%	**1.1**	**+84**	**A**	143%
Absolute black solar polycarbonate slats	45%	**89**	5.12	**51**	99.1%	**1.1**	**+37**	**A**	119%
Silver solar polycarbonate slats	39%	**78**	5.12	**51**	99.1%	**1.1**	**+26**	**A**	113%
Grey opaque PVC 84 slats	38%	**75**	5.09	**51**	99.1%	**1.1**	**+23**	**A**	112%
White opaque PVC 84 slats	20%	**40**	5.09	**51**	99.1%	**1.1**	**-12**	**B**	94%
Grey opaque PVC 69 slats	9%	**19**	5.06	**51**	99.1%	**1.1**	**-33**	**B**	83%
Beige opaque PVC 69 slats	6%	**11**	5.06	**51**	99.1%	**1.1**	**-41**	**B**	79%
White opaque PVC 69 slats	5%	**11**	5.06	**51**	99.1%	**1.1**	**-41**	**B**	79%
Bar covers	17%	**34**	5.58	**56**	99.6%	**0.5**	**- 23**	**B**	88%
Bubble Alveolar Clear 550µ	82%	**163**	21.28	**213**	99.6%	**0.5**	**- 50**	**C**	74%
Bubble Alveolar Dark 550µ	79%	**158**	21.28	**213**	99.6%	**0.5**	**- 55**	**C**	71%
Bubble Alveolar Extra 400µ	Test in progress								
Bubble Alveolar Sundown 400µ	Test in progress								
Bubble Alveolar Midnight 400µ	Test in progress								
Bubble Round Blue blue 500µ	86%	**172**	21.71	**227**	99.6%	**0.5**	**- 55.6**	**C**	71%
Bubble Round Silver blue 500µ	78%	**155**	21.71	**227**	99.6%	**0.5**	**- 73.6**	**C**	62%
Bubble Round Opaque grey 500µ	79%	**158**	21.71	**227**	99.6%	**0.5**	**- 69.6**	**C**	64%
Bubble Round Blue blue 400µ	86%	**172**	23.29	**233**	99.6%	**0.5**	**- 61.4**	**C**	68%
Isodel 6 mm	0%	**0**	5.82	**58**	99.6%	**0.5**	**- 59**	**C**	70%
Isodel 8 mm	0%	**0**	4.50	**45**	99.6%	**0.5**	**- 45**	**B**	77%
Uncovered pool	91%	**182**	25.00	**250**	0.0%	**125**	**-193**	**F**	0%

NTB OF COVERS



STANDARD EN 17645 - ENVIRONMENTAL EFFICIENCY

S, I, E INDEXES FOR EACH COVER



	MOTOR TYPE	MAX ABSORBED ELECTRICAL POWER IN ACTIVE MODE (W)	ABSOBE ELECTRICAL POWER IN STAND BY MODE (W)
Rollinside	120Nm 24V dry pit	300	1,5
	250Nm 24V dry pit	300	1,5
	120Nm 24V tubular	150	2,8
	250Nm 24V tubular	250	4,3
	500Nm 24V tubular and dry pit	500	4,1
	750Nm 24V tubular and dry pit	500	4,1
Rollenergy Evolution	120Nm 24V tubular	150	2,8
	250Nm 24V tubular	250	4,3
Rollin	120Nm 24V dry pit	300	1,5
	250Nm 24V dry pit	300	1,5
	500Nm 24V dry pit	500	4,1
Tixit	70Nm 12V solar	200	0,1
	70Nm 12V electrical	328	1,5
Moon	70Nm 12V solar	200	0,1
	70Nm 12V electrical	200	1,4
Contura	70Nm 12V solar	200	0,1
	120Nm 24V solar	200	0,1
	70Nm 12V electrical	200	1,4
	120Nm 24V electrical	200	0,8
	250Nm 24V electrical	250	4,3
Rolleasy 2	70Nm 12V solar	200	0,0
	120Nm 24V solar	200	0,0
	70Nm 12V electrical	200	1,3
	120Nm 24V electrical	200	1,3
Rollover	70Nm 12V solar	200	0,1
	120Nm 24V solar	200	0,1
	70Nm 12V electrical	200	1,4
	120Nm 24V electrical	200	0,8
Moove'O	70Nm 12V solar	200	0,0

Values for each roller version, when the Wi-Key controller is available with the product it is considered as included.
Optionnal equipments are not included.

IN-GROUND COVERS - WALL UNITS

ROLLINSIDE

FOR IN-GROUND TUBULAR MOTOR - INSERT MOUNT FIXING

The insert mounted version of Rollinside cover is designed to adapt to different types of pool structure:
- Concrete structure, polystyrene blocks fitter with all types of coating (liner, on-site lining, etc.).
- Metal structure, thin panels fitted with a membrane (liner, on-site lining).
- Thin wall structure, polyester shells, solid and cellular panels, stainless steel, glass without PVC coating (liner or on-site lining).
- Polystyrene blocks.

1- CONCRETE STRUCTURE FITTED WITH A LINER OR ON-SITE LINING

Standard installation:

- Traditional concrete.

The wall unit dimensions are linked to the rolling tube diameter and the concrete wall thickness.
The rolling tube diameter will impact the wall unit diameter and the wall thickness will impact its length.



Standard dimension (others on request):
ø 160 mm / len. 200 mm

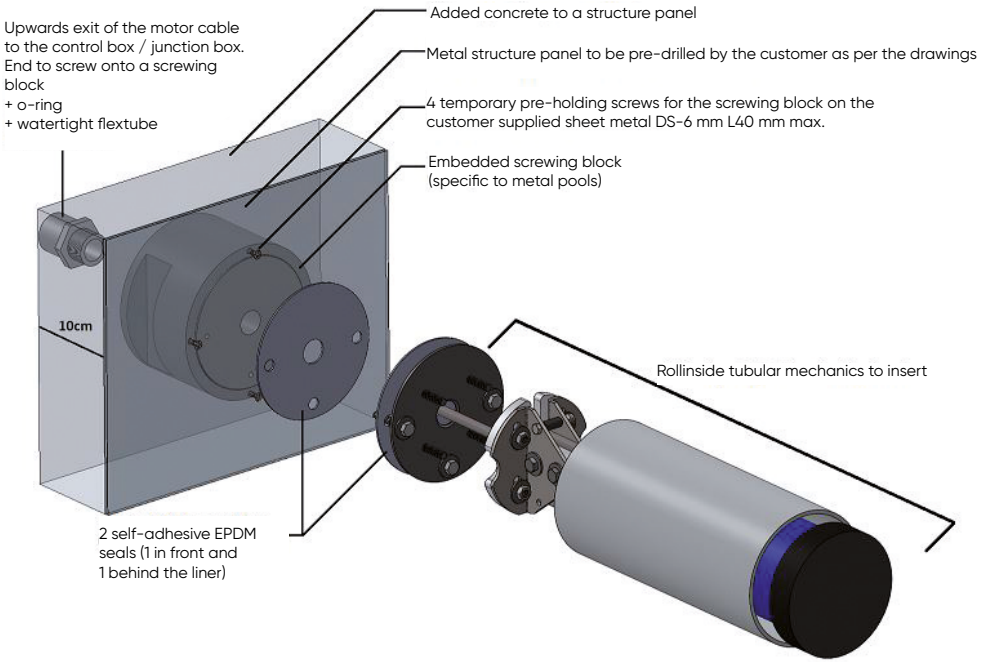
2- METAL, THIN PANEL STRUCTURE FITTED WITH A LINER OR ON-SITE LINING

Compatibility:

Thin panel structures fitted with a waterproof membrane (liner or on-site lining) that can locally include masonry, in particular flat metal panel type structures.

Installation:

On the fixation points of the reel system, the structure is to be pre-drilled and a screwing block is added to the outer face. This block is prefixed to the wall by screwing (screws not included). The screwing block is finally held in place using concrete at the rear of the panel. At the beam fixation points, the structure is to be pre-drilled for anchoring in the added concrete.
DEL classic equipment is then to be conventionally mounted onto prepared panels.



ROLLINSIDE

3- THIN WALL STRUCTURES WITHOUT LINER OR ON-SITE LINING

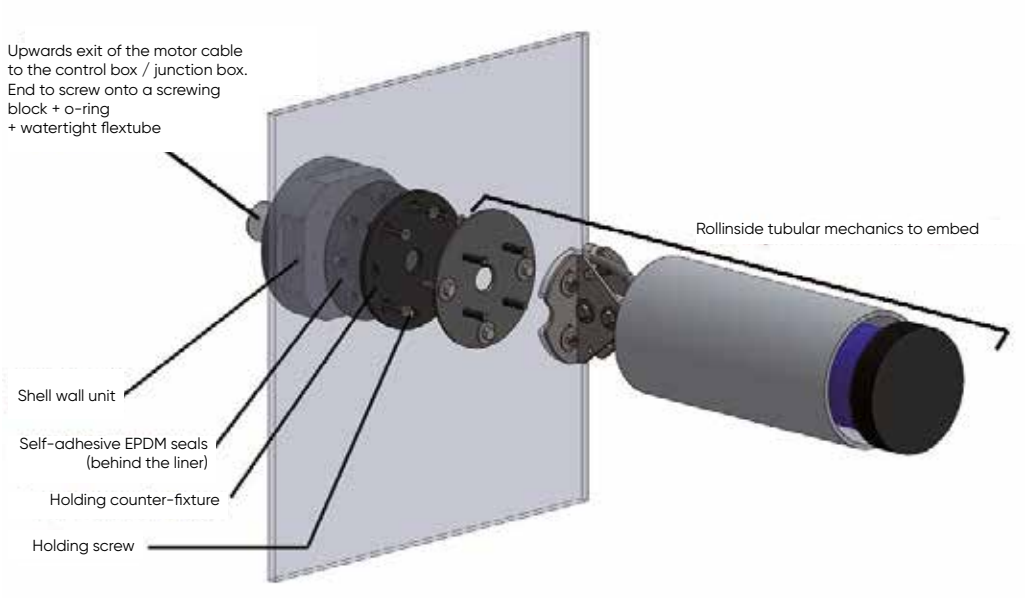
Compatibility:

- Polyester shells.
- Solid and cellular polymer (PP, PMMA) panels (closed cells).
- Stainless steel.
- Glass.

Mention wall thickness when ordering (0-20 mm or 21-40 mm).

Installation:

- Similar solution for beam supports and for the rolling tube.
- The walls are to be pre-drilled at each attachment point. A screwing block is added at the back of the structure. This block is held on the wall by screwing (screws included) a counter fixture and a seal to obtain a watertight assembly while waiting for the complete assembly. The screwing block resistance should eventually be strengthened.
- The classic DEL equipment is then to be conventionally mounted onto this pre-assembly.



INFO

The wall units for in-ground tubular motors are compatible with the Rollinside 1 side and 2 sides.

ROLLINSIDE

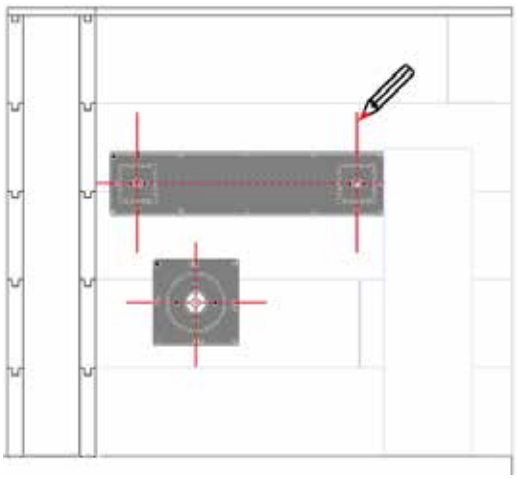
4- POLYSTYRENE BLOCKS WITH LINER OR ON SITE-LINING

Compatibility:

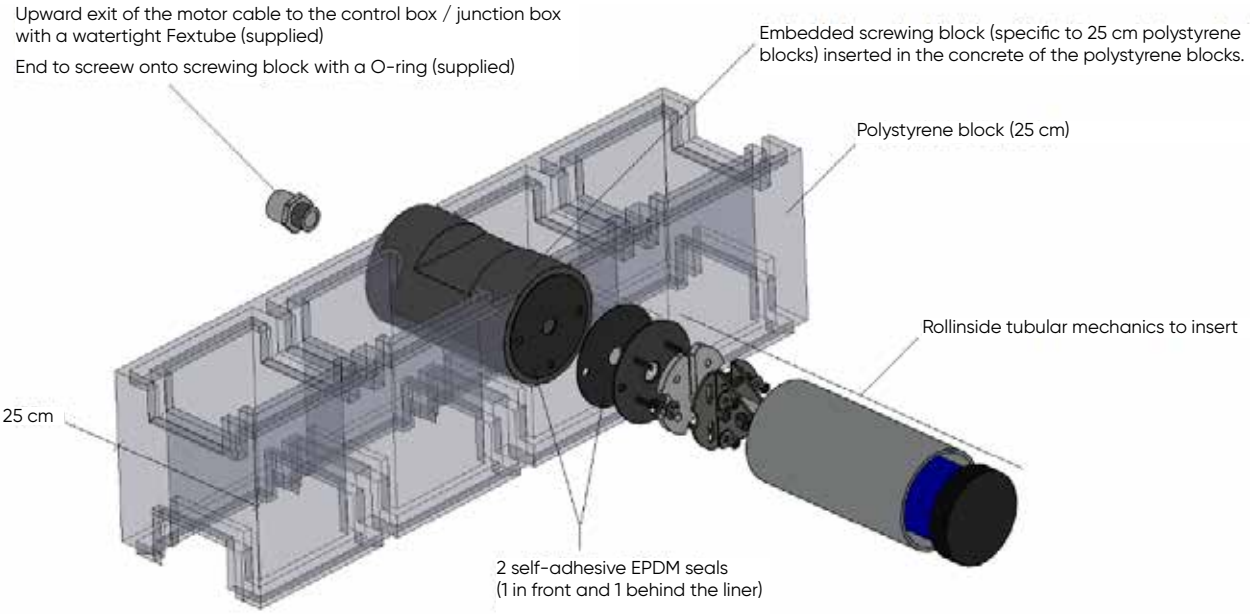
• Polystyrene blocks 25 cm width.

Installation:

• Similar solution for the beam supports and for the Reel tube.
• For optimum finish and precision, templates are provided to outfit the 2 faces (water side and ground side) of each wall.
• The templates provided allow you to precisely and easily position the bolts at the correct location, with a clean result on each internal side of the Pool.



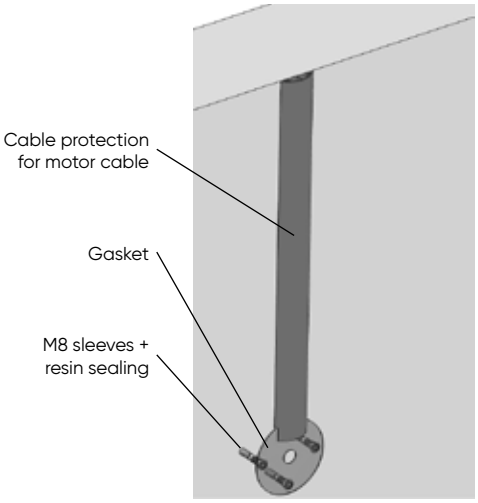
• Draw a large cross on the blocks to mark the final positions.
• Align each template on these crosses and use the holes to draw the polystyrene cut-out to be carried out.
• Cut out the polystyrene.
• Position the screwing weight in each cut-out housing and screw (screws included) the templates on top.
• If needed, adjust the position of the templates with respect to the crosses you initially drew, then screw (screws included) the templates on the blocks.
• Lay the concrete.
• Remove the templates, position the seals on the screwing weights and install the underlay and the liner/membrane.
• The conventional DEL equipment is then to be mounted in the usual way.

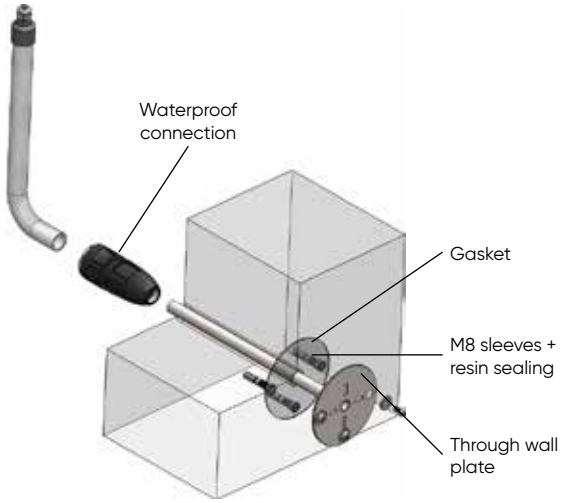


ROLLINSIDE

FOR IN-GROUND TUBULAR MOTOR - SURFACE MOUNT FIXING (EMBEDDING KIT)

In these versions, the Rollinside is compatible with traditional concrete and polystyrene block structures (reveal the polystyrene and provide for concrete in the area).





Maximum wall width: 30 cm

ROLLINSIDE / ROLLIN

FOR DRY PIT MOTOR VERSION

CONCRETE STRUCTURE / POLYSTYRENE BLOCKS FITTED WITH A MEMBRANE (LINER, ON-SITE LINING)

Standard installation:

- Traditional concrete.
- Polystyrene blocks: concrete and wall units placed flush with the polystyrene.

The wall unit dimensions are linked to the tube diameter and the wall thickness.
The tube diameter will impact the wall unit diameter and the wall thickness will impact its length.

TUBE Ø	WALL UNIT SHAFT PASSAGE Ø
Ø 140 mm, Ø 170 mm, Ø 180 mm	Ø 30 mm
Ø 250 mm	Ø 45 mm

WALL THICKNESS	WALL UNIT
17 cm ≤ 26 cm	Standard wall unit (W-KPSC02100)
< 17 cm and > 26 cm (max. 30 cm)	Non-standard wall unit (W-KPSC02105)



SLATTED COVERS

WATER LEVEL

Complying with the recommended minimum and maximum water levels ensures proper operation and compliance with the requirements of standard NF P90-308.

So it is important to pay close attention to fluctuations of the water level and to adjust it when needed. The most suitable method (to ensure both monitoring and the necessary corrections) is to combine an overflow system with automatic filling.

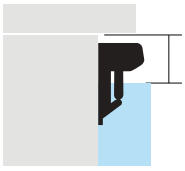
The target water level is specific to each pool and depends on the overall configuration of the cover. It is necessary to combine the recommendations relating to the reel and its possible decking with those relating to safety locks and slats.

The NF P90-308 standard requirements imply compliance with the recommendations throughout the year and therefore an active winterisation without lowering the water level is needed.

For overflow pools these recommendations are applicable to the water level of the pool with a closed cover, and therefore according to safety recommendations with a water level lowered by the means of an Infinity control box.

LOCKING KITS

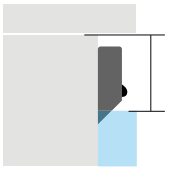
Pushlock automatic



- Surface and insert mount: 7 cm and more (below pool wall edge)
- Hanging mount: 7 to 14 cm (below pool wall edge)

Ideal water level is at half height of the locking part, maximum variation ± 2 cm.

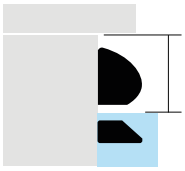
Pushlock



- Surface and insert mount: 6 cm and more (below pool wall edge)
- Hanging mount: 12 cm (below pool wall edge)
- High hanging mount: 7 cm (below pool wall edge)

Ideal water level is at half height of the sloping area at the bottom, maximum variation ± 3 cm.

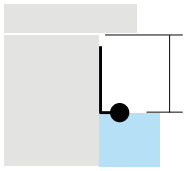
Quicklock



- Surface and insert mount: 11 cm and more (below pool wall edge)
- Hanging mount: 12 cm (below pool wall edge)
- High hanging mount: 7 cm (below pool wall edge)

Ideal water level is in the gap of the Quicklock, maximum variation ± 5 cm.

Passesangle



- Surface and insert mount: 9 cm and more (below pool wall edge)
- Hanging mount: 6 cm (below pool wall edge)

Ideal water level is on the rod of the Strapplock, maximum variation ± 5 cm.

REELS

Above-ground – all models:

Water level must be at less than 25 cm below pool surround level, for lower water level contact us.

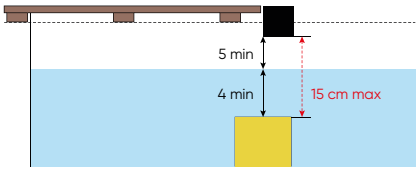
Rollover:

Water level must be at less than 13 cm below pool surround level (normative criteria).

Rollin and Rollenergy evolution:

Water level must be at least 4 cm below the beam (see page 97 - How to choose the beam) and at least 5 cm above the pit wall.

Gap between the beam and the pit wall must be lower than 15 cm (normative criteria).



Rollenergy evolution:

Water level must be at least at 10 cm below the edge of the pool wall.

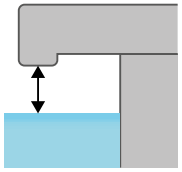
With the supports mounted in its hanging version, water level must be at least at 5 cm below the edge of the pool wall.

Securiwall:

Wall level must be at least at 7 cm below the edge of the pool wall.

Rollinside:

Water level must at least at a slat width below the copying stones, especially if copying overhang above the basin.



AUTOMATIC SLATTED COVERS

ROLLINSIDE

THE CHOICE OF ROLLINSIDE DEPENDS ON

- The pool size (length and width).
- The depth at which the reel system will be installed.

COMPATIBILITY WITH THE POOL STRUCTURE

Rollinside covers are compatible with:

- **Traditional masonry pools** (hollow rendered breeze blocks, solid concrete).
- **Polystyrene filling blocks.**
- For **polyester shell pools.**
- For **wooden pools** (case by case study, please contact us).
- **Panel structures or thin structures** (sheet metal, plastic pouring blocks, etc.) with a local addition of solid concrete on the backfill side:
  - At least at each fitting area level i.e. on both sides of the beams and the rolling axis and ideally over the entire height.
  - Panel from the pool corner up to 20 cm in front of the beam (recommended thickness: 20 cm).

POOL PREPARATION PRIOR TO INSTALLING THE MOTORISATION

The pool will need to be prepared depending on the chosen motorisation type:

The dry pit motor version requires:

- The creation of a dry pit with the usual constraints:
  - The dry pit must be at least 75 x 75 cm in size.
  - The wall units must be insert mounted into the masonry (see instructions).
  - Place the watertightness seal between the membrane and each wall unit (supplied with the wall units).
  - Provide a sheath Ø 40 mm between the control box and the motor box.
  - If there is a step, install an inlet on the first riser to prevent heating the shallow water. It is preferable to avoid skimmers along the pool length.
  - The cover pit walls must be vertical and parallel to each other.

The insert mount tubular motor version requires:

- The wall units must be insert mounted into the masonry (see instructions).
- Place the watertightness seal between the membrane and each wall unit (supplied with the wall units).
- Place a watertight pipe (supplied with the wall units) in the backfill on the motor side to pass the electric cable, from the wall unit axis to the ground surface.

The front-mounted tubular motor version requires:

- <u>With the solution of the cable running up along the wall inside a protective conduit:</u>

In standard installation, possible with the following deckings which are trimmable on site: PVC, PVC to be covered, PVC with factory covering, aluminium to be tiled:

- Install the motor cable under the coping so that it can be easily dismantled and reinstalled (ideally, provide an embedded electrical conduit).
- Bond the supplied cable protection onto the lining, from the axis to the pool edge, and cover it with membrane to preserve the aesthetics of the installation.
- Apply chemical anchoring (supplied in the "parts to embed" kit) at each mechanical fixing point.

A second installation version is possible (and recommended with ceramic stoneware gratings) – see installation manual:

- Bond the cable protection onto the lining, up to the decking to and bring it to the connection box through a wall conduit such as a water inlet fitting.

- <u>With the wall-through solution:</u>

- Fix the wall-through plate onto the wall after drilling through it (see installation manual).
- Place the sealing gasket between the membrane and the plate (supplied with the plate).
- Install the pipe and its watertight connector (supplied with the plate) in the backfill on the motor side for the passage of the electrical cable, from the axis of the wall-through fitting up to the connexion box.

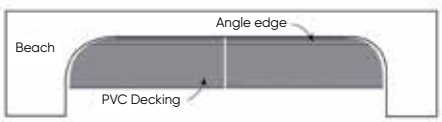
COMPATIBILITY WITH WATERTIGHTNESS

The Rollinside is compatible without any restrictions with all coatings if the vertical cover pit radiuses are ≤ 5 cm.

- For a liner with a radius ≤ 5 cm, 2 extra parts will be supplied by DEL (liner adapter kit) to flatten the liner into the corners and avoid any rubbing of the slats.

These parts are to be placed at the opening between the beam support and the wall.

- **If the pit vertical radiuses are between 5 and 15 cm: angle edge for radiuses between 5 and 15 cm.**



This is a very thick (1.50 cm) PVC plate to surface mount into the pool wall using stainless steel brackets (included). **The pool walls must be strong enough to allow this**. Therefore pools with hollow or prefabricated polystyrene walls are excluded unless specific measures are taken (concrete box holes at the attachment points).

The cutting of the radius, the cutting to size of the angle edge and its casing will be carried out by the customer on site.

It is drapable using 150/100 similarly to the decking.

During preparation, a 22 cm opening must be created. It will be partially closed off by the 15 cm angle edge that will follow the radius (i.e. a finished opening of 7 cm for the passage of the cover).

- **Beyond a radius of 15 cm:** Rollinside not compatible.

Installation cases for gratings placed on the separation wall:

- We recommend this type of installation only on structures with a sharp inside angle at the top of the wall.
- If the radius at the top of the wall is due to a liner (and ≤ 2 cm), the edges of the deckings in contact with this radius must be rounded in order to avoid any risk of damaging the liner. This type of finishing must be carried out by the installer on PVC, PVC to be covered, PVC with factory covering and aliminum to be tiled. It is carried out by us on ceramic stoneware deckings when the information "pool equipped with a liner" is specified on the order form. Please indicate on the order form that the pool is equipped with a liner.

AUTOMATIC SLATTED COVERS

ROLLINSIDE

INSTALLATION DIAGRAM - WITHOUT MIDDLE SUPPORT

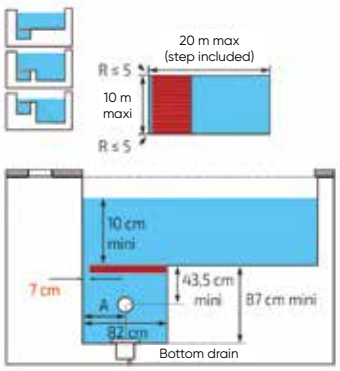
ROLLINSIDE 1 SIDE (STANDARD):

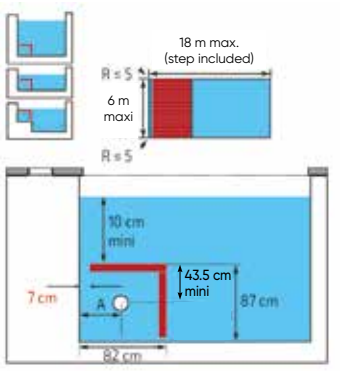
- The Rollinside - 1 side is suitable for pools from 2.00 x 3.00 m up to 6.00 m wide.

ROLLINSIDE 2 SIDES (STANDARD):

- The Rollinside - 2 side is suitable for pools from 2.00 x 3.00 m up to 6.00 m wide.

Other dimensions: contact us.





Respecting measurement A value is a condition for a reliable rolling and unrolling operation.

LENGTH OF THE POOL (INCLUDING STEPS)	Measurement A (cm)
3.00 m	26
4.00 m	26
5.00 m	26
6.00 m	26
7.00 m	27
8.00 m	28
9.00 m	29
10.00 m	31
11.00 m	32
12.00 m	33
13.00 m	34
14.00 m	35
15.00 m	35
16.00 m	36
17.00 m	37
18.00 m	38
19.00 m	39
20.00 m	40

1 SIDE INSTALLATION DIAGRAM - WITH MIDDLE SUPPORT

Principle:

For pools wider than 6.10 m and/or heavy weight deckings, the Rollinside beams get reinforced by a middle support.









The middle support is fixed on the partition wall and offer a strong and stable bracket in the pit. The partition wall must be in made of reinforced concrete to resist to the forces from the decking and users load.

Each beam is delivered divided into two and is supported by the middle bracket on one end and the traditional wall support parts on the other.

It is delivered in three pieces:
- One wall fixed plate (delivered with lag screws and wall plastic plugs).
- An horizontal arm with it bracket to be screwed on the wall plate.
- A load strut to support lods without pulling too much on the wall plate fixations.

Fully made of stainless steel 316L with an electrolyte treatment, the support is very well finished and resistant to corrosion.

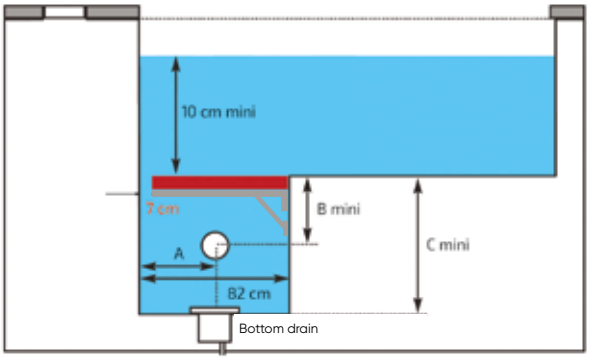
AUTOMATIC SLATTED COVERS

ROLLINSIDE

Specific installation diagram:
The standard version of the middle support is sized at 75 cm to fit with a standard 82 cm pit. Other dimension up to 1.40 m is possible on request.

It brings a light space requirement and the implantation in the pit is specific, see below diagram and table.

LENGTH OF THE POOL (INCLUDING STEPS)	PIT SIZE (CM)		
	Measure-ment A (cm)	B min. (cm)	C min. (cm)
3.00 m	26	43.50	79
4.00 m	26	43.50	79
5.00 m	26	43.50	79
6.00 m	26	43.50	79
7.00 m	27	43.50	79
8.00 m	28	43.50	79
9.00 m	29	43.50	79
10.00 m	31	43.50	76
11.00 m	32	45	79
12.00 m	33	46	78
13.00 m	34	47	80
14.00 m	35	48	81
15.00 m	35	48.50	83
16.00 m	36	49	85
17.00 m	37	50	87
18.00 m	38	51	88
19.00 m	39	52	90
20.00 m	40	53	91



Quantity to install:
For domestic typical use, follow the guidelines in the table below. It gives the classic quantity needed, depending on the weight of the deckings, note that it is for a 75 cm support.
For other dimension and / or other weights, a special study will be done on request. Please mention the weight and the thickness of decking to be supported.

In case of more intense use, plan to increase the number of supports when ordering.

POOL WIDTH (M)	WEIGHT PER M² FINISHED DECKING			
	12.50 kg/m²	25 kg/m²	37.50 kg/m²	50 kg/m²
	if decking to be tiled, this is equivalent to thickness of (in mm):			
	5	10	15	20
2				
2.50				
3				
3.50				
4				
4.50				1
5			1	1
5.50		1	1	1
6	1	1	1	1
7	1	1	1	1
8	1	1	1	2
9	1	1	2	2
10	1	2	2	2

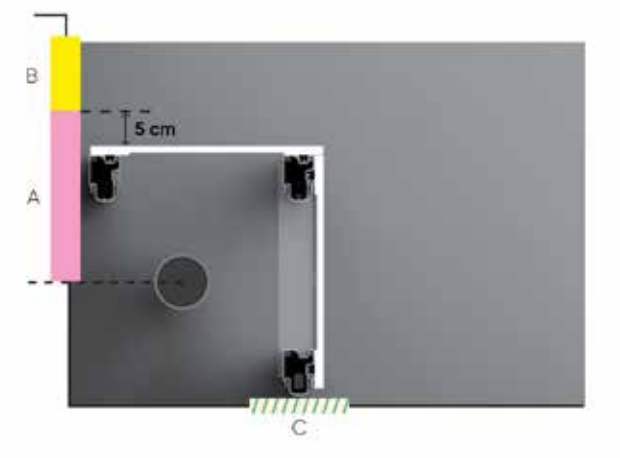
standard beam
1 middle support
2 middle support

TECHNICAL LEAFLET

AUTOMATIC SLATTED COVERS

ROLLINSIDE

REQUIREMENTS FOR THE COVER ROLLING PIT



Mark A: No equipment (skimmer, projector, inlet nozzle, etc.) at the opening level and in the 5 first cm above and up to the shaft.

Mark B: No equipment (skimmer, projector, inlet nozzle, etc.) surface mounted (sharp angle) on this width. No surface mounted rounded parts > 1.5 cm and all elements with "sharp angles". We tolerate parts (discharge type). If there are inlets and/or skimmers over the opening, we recommend you to stop the filtration when the cover is being opened and closed. Skimmers with sharp angle can be equiped be the skimmer deflector (available as spare part) to facilitate slats movement.

Mark C (for the 2 side version only): To be compliant with the standard, the bottom must be square (no hopper) under the casing.

SAFETY KITS

The Rollinside is only compatible with the Pushlock locking kits.
Pushlock locking kits must be placed on **both pool widths.**

WIRING

- For the Rollinside with a tubular motor, refer to the Rollenergy Evolution wiring page on p. 414.
- For the Rollinside in a dry pit, refer to the Rollin page on p. 416.

STANDARD

Please see p. 449.

AUTOMATIC SLATTED COVERS

IN-WATER DECKING

CERAMIC STONEWARE DECKING

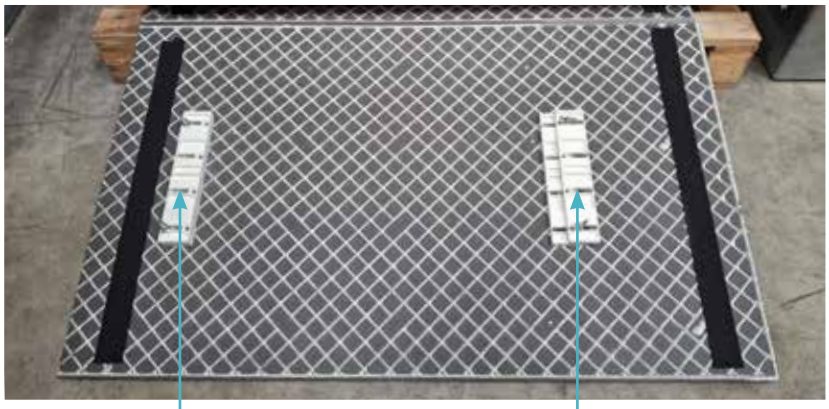
- 20 mm ceramic stoneware deckings, delivered to size according to the purchase order.
- The deckings are delivered with adjustable positionning shims mounted under each decking to ensure correct positioning and compliance with NF P90-308 requirements, as well as with protective strips to prevent damage to the beams and the separation wall.
- Ceramic stoneware deckings are particularly suitable for installations on the separation wall.
- Factory-made finishes on the two end deckings allow installation on liners when specified at the time of order.
- Two people may be required to place the deckings onto the beams due to the weight that needs to be handled.
- The relatively high weight of ceramic stoneware deckings may require the installation of intermediate beam supports. We recommend following the table on page 407 (column 50 kg/m²) to determine the number of supports to be provided. For deckings larger and therefore heavier than the standard 75 cm, please contact us to determine the appropriate number of supports.
- The deckings are delivered in modules, with variable format depending on colour and ordered size:
  - Deckings from 30 to 90 cm:
    - Beige and light grey: 45 cm modules.
    - Anthracite, travertine, waxed concrete, granito, black: 60 cm modules.
    - Wood finish: 30 cm modules.
  - Deckings from 91 to 120 cm:
    - Beige, light grey, anthracite, travertine, waxed concrete, granito, black: 60 cm modules.
    - Wood finish: 30 cm modules.

The deckings are delivered cut to pool width by trimming one or two modules.

COLOURS



Non-contractual colour images.





Adjustable stops supplied glued

PVC DECKING WITH FACTORY COVERING

- 20 mm thick PVC massive plate delivered cutted to size according to order form and covered by reinforced PVC membrane.
- Covering realised at the factory with any desired membrane from CF products ranges, using a high quality process. The faces covered are the top one and the front and back edges.
- Decking to be mounted and maintained on beams by the means of clips. Snaps are delivered mounted for our standard size 75 cm, for others they are delivered with screw ready to be mounted at the appropriate place depending on real beams location in the pit.
- Rounding corners and/or edges are to be made on site by the installer.
- 2 people can be needed to set up the decking elements on the beams due to the weight that has to be handled.

AUTOMATIC SLATTED COVERS

IN-WATER DECKING

INFO

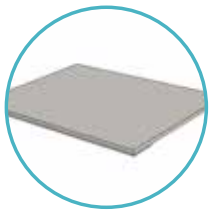
Do not run, walk carefully, as the surface of the decking may become slippery due to poor maintenance.

Take care to clean the decking regularly so that the surface does not become slippery (be careful to treat the water in such a way that biofilm cannot form on the decking).

If the decking becomes slippery, remove it and clean it mechanically.

PVC DECKING TO BE COVERED

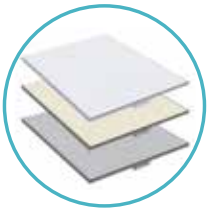
- 20 mm thick PVC massive plate delivered cutted to size according to order form.
- Decking to be mounted and maintained on beams by the means of clips. Snaps are delivered mounted for our standard size 75 cm, for others they are delivered with screw ready to be mounted at the appropriate place depending on real beams location in the pit.
- Rounding corners and/or edges are to be made on site by the installer.
- 2 people can be needed to set up the decking elements on the beams due to the weight that has to be handled.



PVC decking to be covered

PVC DECKING

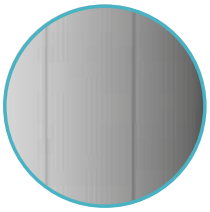
- 28 mm thick PVC profiles delivered assemblied and cutted to size according to order form.
- Decking to be mounted and maintained on beams by the means of snaps fitting. Immerse it in the water and allow it to fill with water before snap fitting it on the beams. Sides are finished with a stongly glued finition integrating some small hollows for an easier water flow in and out when decking removal is needed. Snaps are delivered mounted for our standard size 75 cm, for others they are delivered with screw ready to be mounted at the appropriate place depending on real beams location in the pit.
- Rounding corners and/or edges are to be made on site by the installer.



PVC decking

ALUMINIUM DECKING TO BE TILED

- 28 mm thick anodised profiles delivered assemblied and cutted to size according to order form.
- Colour: grey - anodised aluminium.
- Decking to be mounted and maintained on beams by the means of clips. Vertically insert the elements for which the end-plug and gasket would be sealed by the glue. Immerse it in the water and allow it to fill with water before snap fitting it on the beams. Sides are finished with a stongly screwed end cap that ensure the locking of each profile with is neigtbour, under each supplied element anodized aluminium stiffeners are fixed to avoid tiles breaks due to decking deformation. Clips are delivered mounted for our standard size 75 cm, for others they are delivered with screw ready to be mounted at the appropriate place depending on real beams location in the pit.
- Rounding corners and/or edges are to be made on site by the installer.
- Tiles gluing advice: DEL recommandation: Weber Epoxy Easy or similar and made for gluing on alu and submerged in pool. Avoid applying glue to the end-plug/alu profile in order to facilitate filling the alu profile with water. Make sure that at least 2 profiles are clear on each decking element.
- 2 people can be needed to set up the decking elements on the beams due to the weight that has to be handled.



Aluminium decking to be tiled

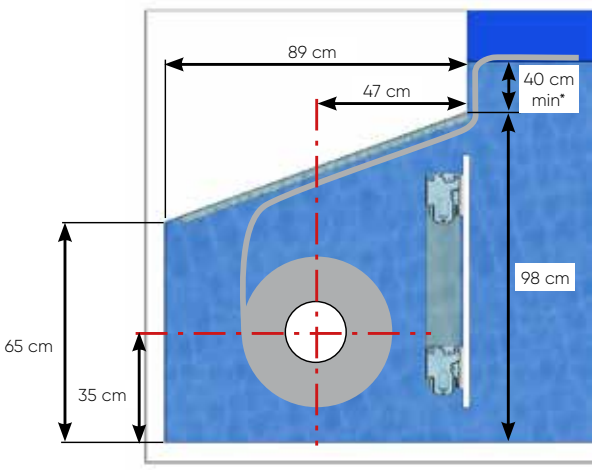
ALUMINUM DECKING FINISHED TILES				
Tile thickness (in mm)	5	10	15	20
Kg/m² when not immerged	30.00	42.50	55.00	67.50

AUTOMATIC SLATTED COVERS

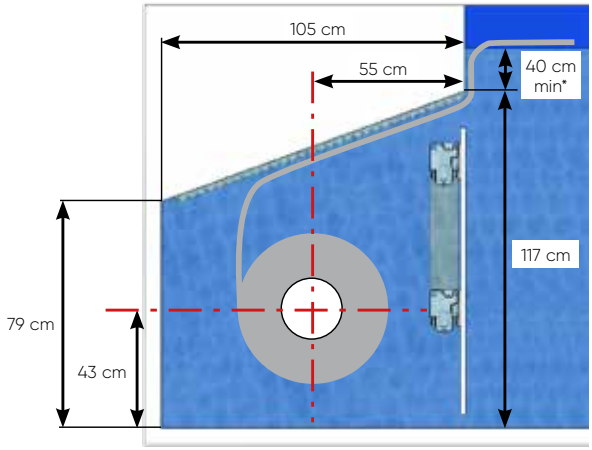
ROLLFIT

NICHE SIZE

1 Pool:
Max. width: 6 m
Max. length: 15 m

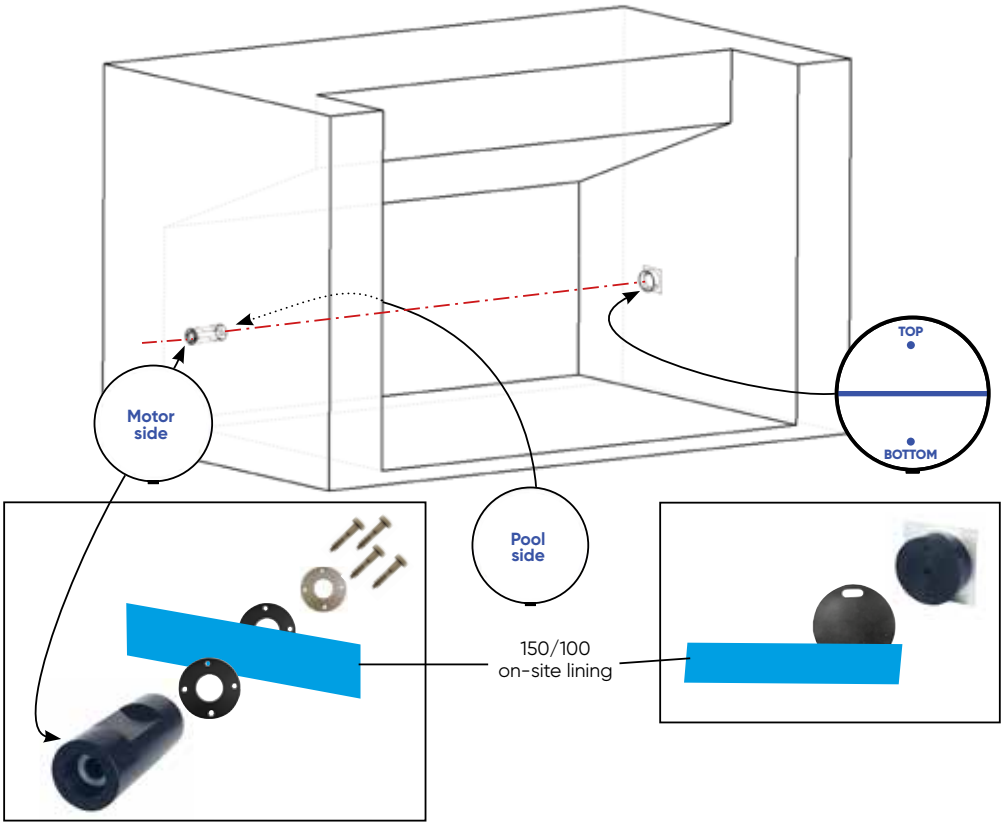


2 Pool:
Max. width: 6 m
Max. length: 25 m



* WATER LEVEL ABOVE THE COVER HOUSING
0 to 6 cm → ok
from 6 to 40 cm → ok + 1 m of slats
more than 40 cm → ok

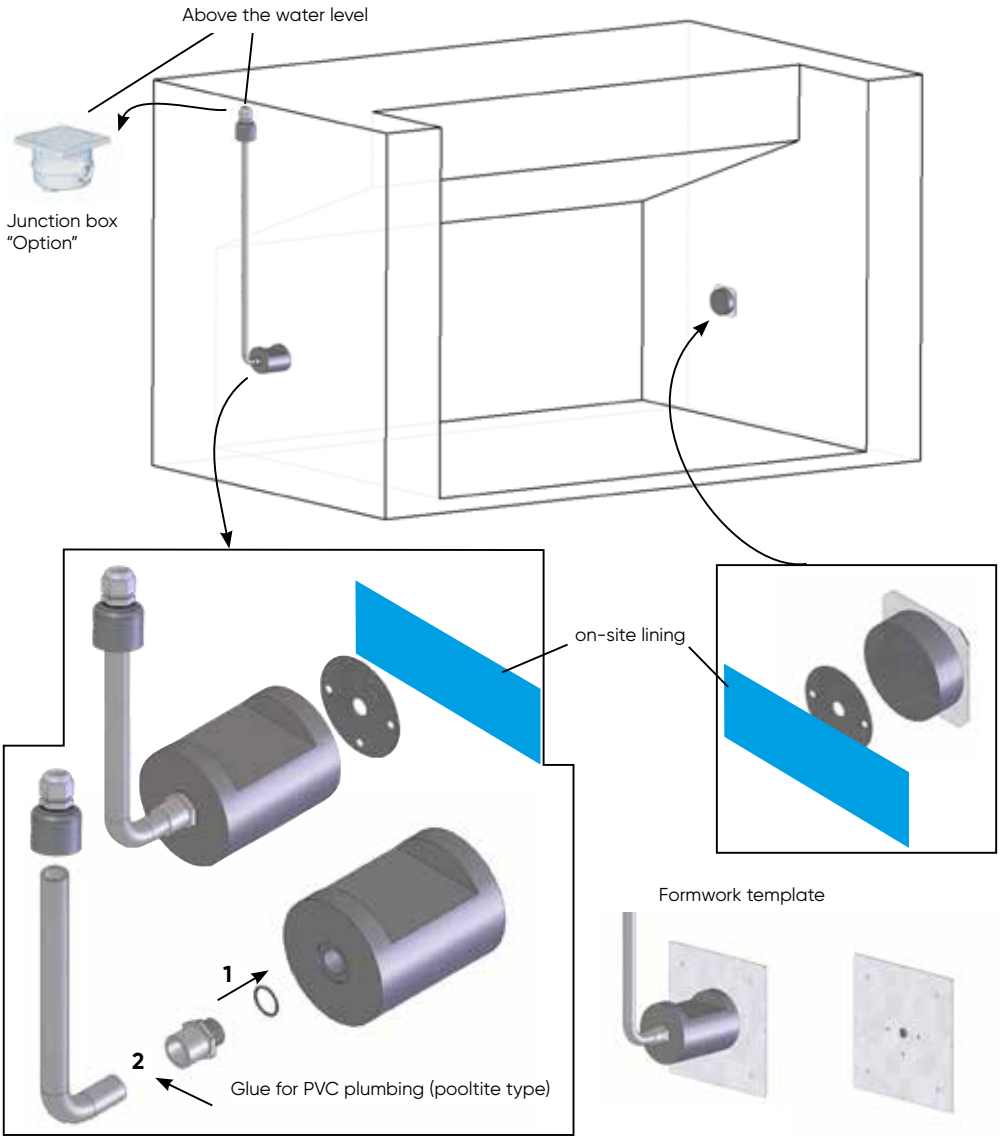
WALL UNIT INSTALLATION - DRY PIT MOTOR



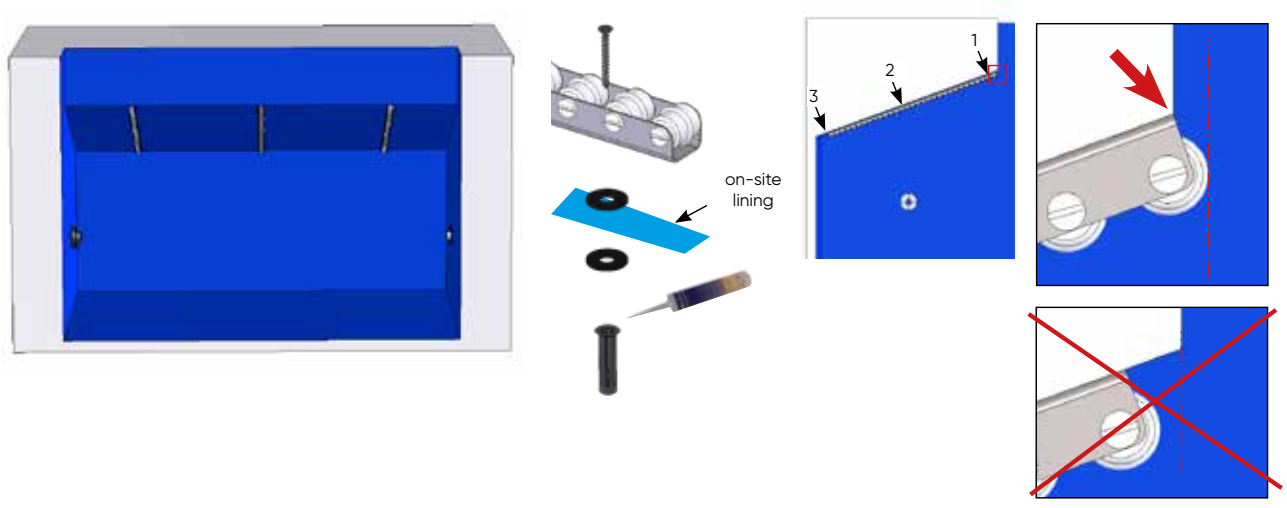
AUTOMATIC SLATTED COVERS

ROLLFIT

WALL UNIT INSTALLATION - TUBULAR MOTOR



RAIL INSTALLATION



AUTOMATIC SLATTED COVERS

ROLLENERGY EVOLUTION

SPECIFICATIONS

Models	TI(E2.3-14.1) TI(E2.3-14.2)	TI(E3.3-14.1) TI(E3.3-14.2)	TI(E3.4-17.1)	TI(E3.4-18.1) TI(E3.4-18.2)
Anodised aluminium tube (diameter)	140 mm	140 mm	170 mm	180 mm
Motorisation - power	120 Nm	250 Nm	250 Nm	250 Nm
Ends-of-runs: Electronic Management	✓	✓	✓	✓
Stop Salt	✓	✓	✓	✓
Stop Flow	✓	✓	✓	✓

✓ *Standard*

RECOMMENDATIONS, INSTALLATION RULES AND TOLERANCES

- **A wall or separating wall** is mandatory to isolate the cover to prevent bathers from damaging the cover or injuring themselves on it. The distance between the top of the wall and the bottom of the beam must be less than 15 cm.
- **This cover pit** must be fitted with one or more skimmers and a bottom drain to keep the water clean.
- **Plan on a sheath** Ø 40 mm between the box and the junction box.
- **On the top step** install an inlet on the first riser to prevent heating the shallow water. It is preferable to avoid skimmers along the pool length.
- The cover pit **walls** must be vertical and parallel to each other.
- **Plate thickness:** at the motor level: 9 mm / at the cable raceway level: 12 mm.
- **The tube** is installed at a distance of 530 mm (+ or - 20 mm) from the pool edge for standard supports, for small support the distance is 435 mm.
- **The slatted cover** covers the complete pool surface area, its width is 40 mm less than the pool width. If there are protruding skimmer fixtures, the gap will be increased by the fixture thickness. The gap between the wall and the cover must be less than 70 mm.

All non-compliant installations and/or installations not accepted by our technical department will be excluded from the warranty. For full compliance with the NF P90-308 standard, it is essential that all the elements composing the safety cover be supplied by DEL. Otherwise we will not be able to issue you a certificate of compliance.

HANGING SUPPORT

For hanging fittings, a horizontal plate is supplied for fitting on the level top of the wall.

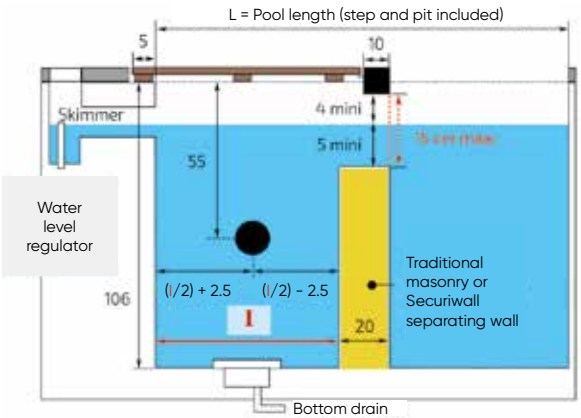
To protect the liner-lock, standard supply of a 13 mm spacer (for coping without hung, the spacer is not required).

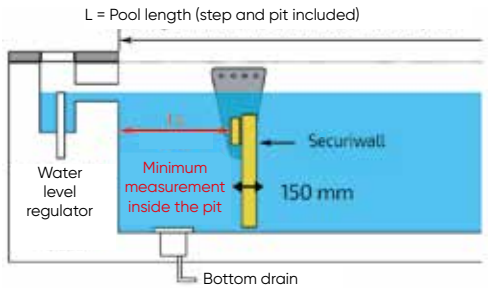
This option is compatible for a maximum pool surface area of 120 m² and 55 m² maximum for the small support.

Compatible with polystyrene block and shell pools (requires a concrete belt or a concrete block under the levelling course support).



SPECIFICATIONS AND CONTROL OF THE PIT INTERIOR DIMENSIONS





INFO

Measurement l (minimum pit inside measurement) must be taken after the radius or the straight cut corners.

MINIMUM COVER PIT INSIDE MEASUREMENT DEPENDING ON THE POOL LENGTH

L (in m)	< 5.99	6 to 6.99	7 to 7.99	8 to 8.99	9 to 9.99	10 to 10.99	11 to 11.99	12 to 12.99	13 to 13.99	14 to 14.99
W (in cm)	55	58	60	62	64	67	69	71	73	74

L (in m)	15 to 15.99	16 to 16.99	17 to 17.99	18 to 18.99	19 to 19.99	20 to 20.99	21 to 21.99	22 to 22.99	23 to 23.99
W (in cm)	76	78	80	81	83	84	86	87	89

AUTOMATIC SLATTED COVERS

ROLLENERGY ÉVOLUTION

WIRING

Electrical enclosure

Installation in a dry, ventilated room sheltered from water and air, in temperature conditions.



Mains supply

3 x 2.5 mm²

Circuit breaker with a 30 mA ground fault protection.
Connection: N and L 230 Volts single phase 50 Hz plug.

Motor

It is imperative to use watertight gel in the connection box after having completed the wiring.



2 × 4 mm² – up to 16 m
2 × 6 mm² – from 16 to 25 m
2 × 10 mm² – from 25 to 50 m

3 m or 15 m (optional)

2 or 3 x 1.5 mm²

Controllers

3 x 1.5 mm²



Key switch



Insert mounted key switch

5 x 1.5 mm²



LivePool



Remote Wi-Key receiver box
Dimensions: 16.4 x 12 x 8 cm
(option)

Bluetooth connection



Radio connection

Radio connection



Wi-Key

Links to pool equipements

2 x 1.5 mm² — Filtration

2 x 1.5 mm² — Salt electrolysis system

Pushlock automatic

3 x 1.5 mm²



Pushlock automatic

ELECTRIC SUPPLY

- Installation at a minimum of 3.50 m from the pool, indoors, protected from rain, sunlight and all heat sources.
- The installation must comply with the C15-100 standard in France (or IEC 60364). Ask your electrician or your electricity provider for advice.
- All our boxes have a single phase 230 Volt (50 Hz) power supply.
- Provide a protected power supply upstream of the control box with:
  - 1 circuit breaker of the correct calibre (10A line protection),
  - 1 30 mA ground fault circuit breaker.

INFO

The operating switch must be secured and function with maintained contact during Pool closing.

It must be located where there is a view over the pool.

AUTOMATIC SLATTED COVERS

ROLLIN

SPECIFICATIONS

Models		CS(E2.1-14.1) CS(E2.1-14.2)	CS(E3.1-14.1) CS(E3.1-14.2)	CS(E2.1-17.1)	CS(E3.1-17.1)	CS(E2.1-18.1)	CS(E3.1-18.1) CS(E3.1-18.2)	CS(E4.1-18.2)	CS(E4.1-25.1)
Anodised aluminium tube		140 mm	140 mm	170 mm	170 mm	180 mm	180 mm	180 mm	250 mm
Shaft		ø 30 mm	ø 30 mm	ø 30 mm	ø 30 mm	ø 30 mm	ø 30 mm	ø 30 mm	ø 45 mm
Motorisation	power	120 Nm	250 Nm	120 Nm	250 Nm	120 Nm	250 Nm	500 Nm	500 Nm
Ends-of-runs: management	electronic	-	-	-	-	-	-	✓	✓
	mechanical	✓	✓	✓	✓	✓	✓	-	-
Automatic stop		✓	✓	✓	✓	✓	✓	-	-
Stop Salt box		✓	✓	✓	✓	✓	✓	✓	✓
Stop Flow		✓	✓	✓	✓	✓	✓	✓	✓

✓ *Standard - Not available*

RECOMMENDATIONS, INSTALLATION RULES AND TOLERANCES

- **A wall or separating wall** is mandatory to isolate the cover to prevent bathers from damaging the cover or injuring themselves on it.

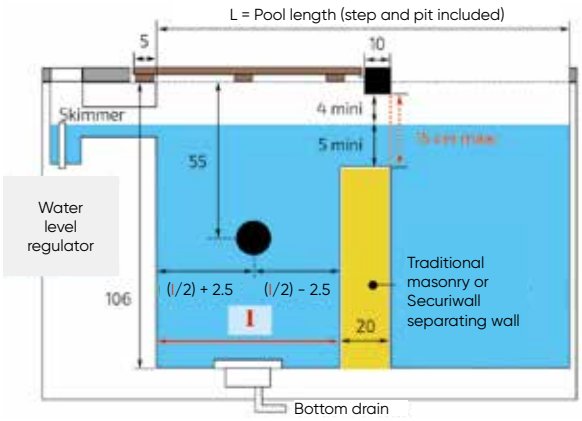
The distance between the top of the wall and the bottom of the beam must be less than 15 cm.

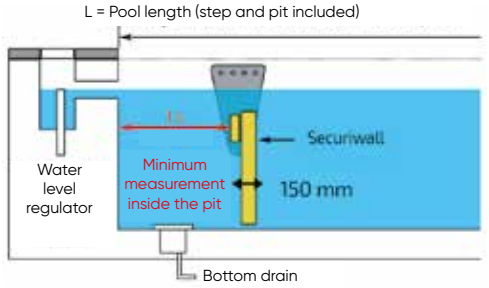
- **The dry pit** for the motor must be of a minimum size of 75 x 75 cm.
- **This cover pit** must be fitted with one or more skimmers and a bottom drain to keep the water clean.
- **Plan on a sheath** Ø 40 mm between the control box and the motor box.
- **On the top step** install an inlet on the first riser to prevent heating the shallow water. It is preferable to avoid skimmers along the pool length.
- **The walls** of the cover pit must be vertical and parallel to each other.
- **The tube** is in-ground at a distance of 550 mm (+ or - 20 mm) from the pool edge.
- **The slatted cover** covers the complete pool surface area, its width is 30 mm less than the pool width. If there are protruding skimmer fixtures, the gap will be increased by the fixture thickness. The gap between the wall and the cover must be less than 70 mm.

All non-compliant installations and/or installations not accepted by our technical department will be excluded from the warranty. For full compliance with the NF P90-308 standard, it is essential that all the elements composing the safety cover be supplied by DEL. Otherwise we will not be able to issue you a certificate of compliance.

PIT INSTALLATION DIAGRAM WITH A CONCRETE WALL

Measurements in cm.





INFO

Measurement l (minimum pit inside measurement) must be taken after the radius or the straight cut corners.

MINIMUM COVER PIT INSIDE MEASUREMENT DEPENDING ON THE POOL LENGTH

L (in m)	< 5.99	6 to 6.99	7 to 7.99	8 to 8.99	9 to 9.99	10 to 10.99	11 to 11.99	12 to 12.99	13 to 13.99	14 to 14.99
W (in cm)	55	58	60	62	64	67	69	71	73	74

L (in m)	15 to 15.99	16 to 16.99	17 to 17.99	18 to 18.99	19 to 19.99	20 to 20.99	21 to 21.99	22 to 22.99	23 to 23.99
W (in cm)	76	78	80	81	83	84	86	87	89

AUTOMATIC SLATTED COVERS
ROLLIN

AQUA 1 CONTROL BOX / 120 - 250 MOTOR

Mechanical ends-of-runs management motor.

Electrical enclosure

Installation in a dry, ventilated room sheltered from water and air, in temperature conditions.



Mains supply

3 x 2.5 mm²

Circuit breaker with a 30 mA ground fault protection.
Connection: N and L 230 Volts single phase 50 Hz plug.

Motor

2 × 4 mm² – up to 16 m
2 × 6 mm² – from 16 to 25 m
2 × 10 mm² – from 25 to 50 m

3 x 1.5 mm²



Motor dimensions
MCA 120: 27 × 26 × 12 cm
MCA 250: 27 × 26 × 15 cm

Controllers

3 x 1.5 mm²



Key switch



Insert mounted key switch

5 x 1.5 mm²



LivePool



Remote Wi-Key receiver box
Dimensions:
16.4 x 12 x 8 cm
(option)

Bluetooth connection



Radio connection

Radio connection



Wi-Key

Links to pool equipements

2 x 1.5 mm² — Filtration

2 x 1.5 mm² — Salt electrolysis system

Pushlock automatic

3 x 1.5 mm²



Pushlock automatic

ELECTRIC SUPPLY

- Installation at a minimum of 3.50 m from the pool, indoors, protected from rain, sunlight and all heat sources.
- The installation must comply with the C15-100 standard in France (or IEC 60364). Ask your electrician or your electricity provider for advice.
- All our boxes have a single phase 230 Volt (50 Hz) power supply.
- Provide a protected power supply upstream of the control box with:
  - 1 circuit breaker of the correct calibre (10A line protection),
  - 1 30 mA ground fault circuit breaker.

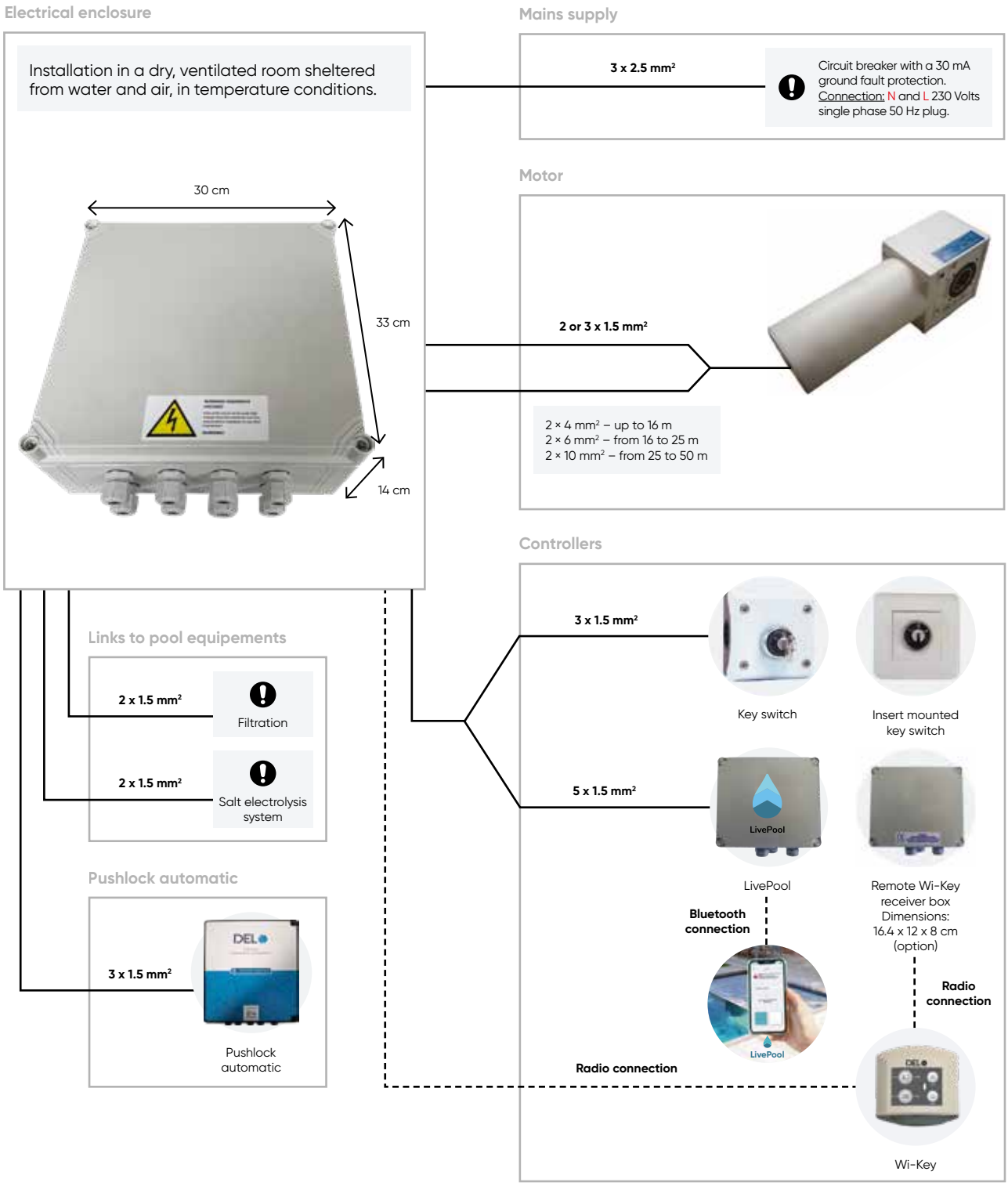
INFO

The operating switch must be secured and function with maintained contact during Pool closing.
It must be located where there is a view over the pool.

AUTOMATIC SLATTED COVERS
ROLLIN

MIT 5210 - 7210 CONTROL BOX / MIT 5210 - 7210 MOTOR

Electronic ends-of-runs management motor.



ELECTRIC SUPPLY

- Installation at a minimum of 3.50 m from the pool, indoors, protected from rain, sunlight and all heat sources.
- The installation must comply with the C15-100 standard in France (or IEC 60364). Ask your electrician or your electricity provider for advice.
- All our boxes have a single phase 230 Volt (50 Hz) power supply.
- Provide a protected power supply upstream of the control box with:
  - 1 circuit breaker of the correct calibre (10A line protection),
  - 1 30 mA ground fault circuit breaker.

INFO

The operating switch must be secured and function with maintained contact during Pool closing.

It must be located where there is a view over the pool.

AUTOMATIC SLATTED COVERS

SUPPORT BRACKETS FOR DECKING WITHOUT BEAMS

The support brackets for decking without beam are used to extend the coping over the pool, they are used to support the cover pit

They are especially intended for pools:

• That have a high to very high water level.

• That are very wide for which a traditional "beam" solution is problematic due to span reasons.

Maximum pool length: 15.00 m (contact us for longer pools).

INSTALLATION

The bracket fixation on top of the pool requires bare edges and therefore implies the removal of the copings. No membrane drilling: bracket fixation on top of the pool+vertical bracket against the wall thanks to a pad (with a flexible protective coating + seal provided to place between the membrane and the concrete).

USE AND COMPATIBILITY

The brackets are compatible (to comply with the NF P90-308 safety standard) with:

• In-ground automatic covers with masonry separating wall.
- Rollenergy Evolution (fixed to the levelling course or surface mounted).
- Rollin.

• Securiwall with a water level over 8 cm under the top of the pool (within the limits of compliance with the 15 cm maximum dimension).

• Standard skimmer and high skimmer waterline (82 cm maximum width). No equipment should be present at the wall support pad level.

• Pushlock.

The brackets are not compatible with:

• DEL decking.

• Securiwall with a water level less than 8 cm.

• Structures of which the walls cannot withstand the strain:
- Of the pressure to the wall (shell, formwork not removed, polystyrene, thin panels and walls without concrete at the support level...).
- Of the traction to the top of the walls (weigths supported towards the vertical bracket against the wall).

• Structures without a strong concrete belt.

• Small supports.

PRESENTATION OF THE SOLUTIONS

Measurements in mm.

• The 90 cm bracket has a 316 L stainless steel structure with electrolytic treatment (possible up to 110 cm with the telescopic extension (option 4), for other dimensions, contact us).

• For high water levels (< 5 cm) it is essential to add Reel systems under the bracket (see option 1).

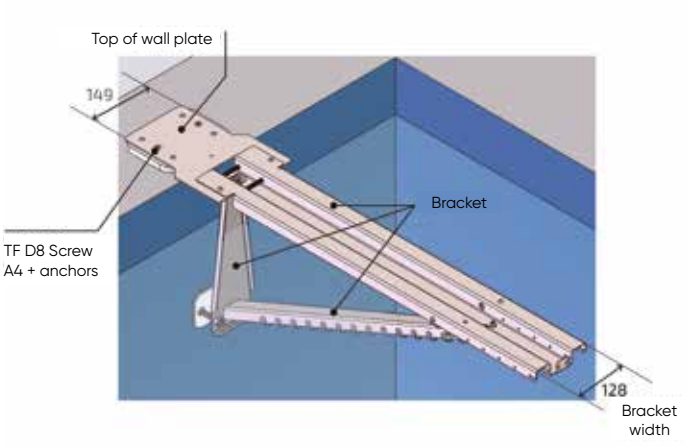
• Adjustable wall support:

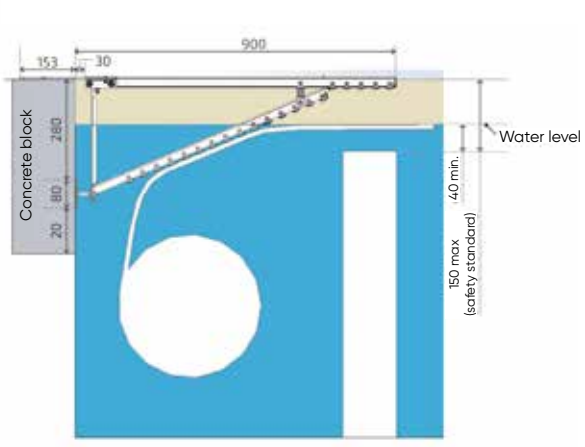
- Flexible PVC coated stainless steel pad to prevent damage to the coatings.

- A 2 mm self-adhesive elastomer seal is also included to be fitted between the wall and the coating.

- Adjustment possible if you have walls that are not perfectly vertical and to compensate possible levelling problems at the top of the Pool wall.

BRACKET LOCATION





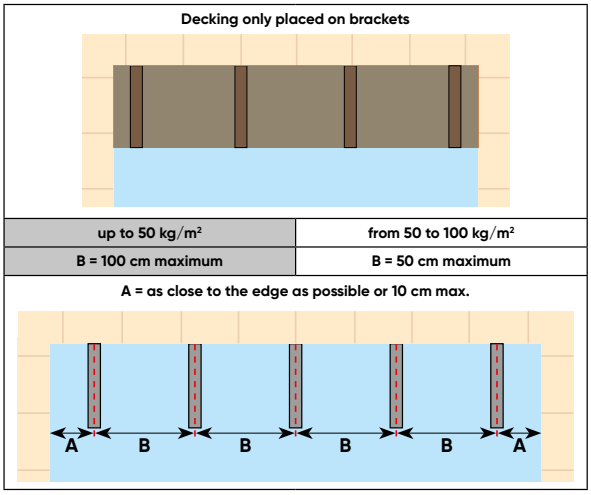
AUTOMATIC SLATTED COVERS

SUPPORT BRACKETS FOR DECKING WITHOUT BEAMS

HOW TO CALCULATE THE REQUIRED NUMBER OF SUPPORTS

Standard sizing for domestic use (includes the load corresponding to a person standing between 2 brackets), for intensive use oversize the installation.

Be careful with the weight of the material used for the decking.



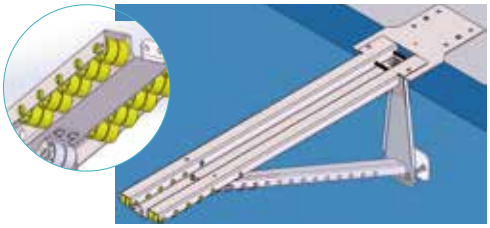
OPTIONS

OPTION 1: HIGH WATER LEVEL

It is designed to equip the supports for very high water level pools: between 1 and 5 cm under the top of the pool.

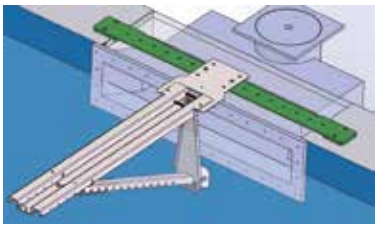
Addition of Reel systems on the existing rail.

These Reel systems can be used to re-fit an existing installation.



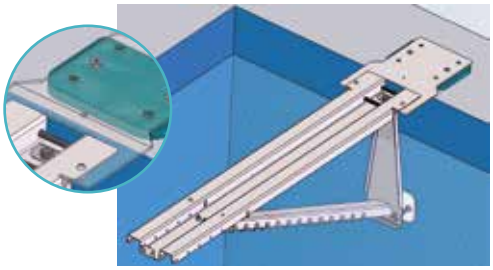
OPTION 2: REINFORCEMENT FOR WIDE HIGH WATER LEVEL SKIMMER

Used to be able to place one or two brackets on a wide skimmer is (up to a total of 82 cm wide) without having to drill holes in it. Stainless steel reinforcement for top of walls, to be fixed on both sides of the skimmer, and having tapped drilles holes to fix the supports. Provide for reinforcement (fixtures included) for each skimmer.



OPTION 3: LINER PROTECTION WEDGE

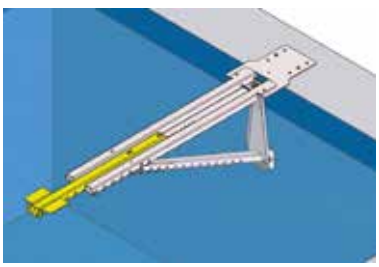
This is a high density polymer block used to raise the plate by 13 mm on pools fitted with hung fitting systems and on which levelling has not been carried out.



OPTION 4: TELESCOPIC EXTENSION

316 L grade stainless steel extension with electrolytic treatment to 90 to 110 cm pit dimensions.

	< 50 kg	from 50 to 100 kg
Number of brackets per m + 1 bracket	2	4
Distance between 2 brackets (cm)	50	25



AUTOMATIC SLATTED COVERS

OUT-OF-WATER DECKING

INFO

Do not run, walk carefully, as the surface of the decking may become slippery due to poor maintenance.

Take care to clean the decking regularly so that the surface does not become slippery (for IPÉ wood decking, be careful to treat the water in such a way that biofilm cannot form on the decking).

If the decking becomes slippery, remove it and clean it mechanically.

ALUMINIUM DECKING

Decking available for our in-ground automatic covers with above-water decking (Rollenergy Evolution and Rollin).



It is available in:

- 3 colours: white, beige and grey.
- Dimensions:
  - Standard: 1.00 x 0.90 m and 1.00 x 0.75 m.
  - Custom-made:
    - > On the 0.90 and 0.75 m dimensions:
      - ◦ Smaller dimensions: cut to size possible.
      - ◦ Larger dimensions: contact us.
    - > On the 1.00 m dimension: cut to size possible on the complete pool width (to be ticked on the order form).

USE

The decking can be used on the 2 sides:

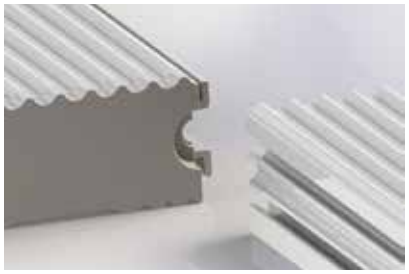
- Side 1: Alternating flat/ridges



- Side 2: All ridges



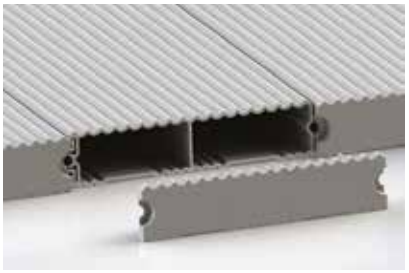
DEL recommends the elements to be assembled by slotting them together to obtain the best finish and for strength reasons.





The elements are delivered with the cap not fitted on the last profile. The caps are to be fitted to the ends of the profiles using a screw (supplied with the decking) used to block one profile to another.

If necessary, the caps can be unmounted by removing the blocking screws.





AUTOMATIC SLATTED COVERS

OUT-OF-WATER DECKING

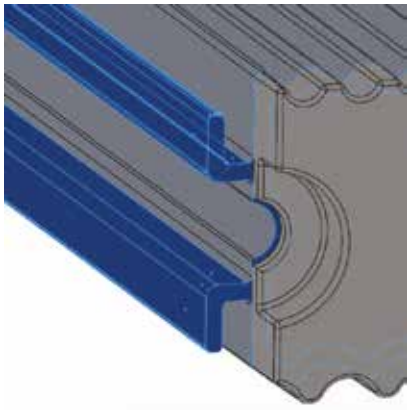
ALUMINIUM DECKING

ADVICE

Keep one element not slotted to the others for easy access to the pit.

2 possibilities:

- Place the decking next to the last element without modifications (a 2 mm gap will be visible between the 2 elements).
- At the junction with the adjacent element, remove the tab (in blue in the illustration) from the separate decking.



INFO

To comply with the NF P90-308 standard requirements:
- The minimum force needed to lift decking must be 5 kg which means 0.86 m^2 per unit.
- The minimum weight of each element must be 11 kg.

If this is not the case, the decking must be fitted and only removable using a tool.

OPTION: TAPE

Non-slip tape is recommended when using decking outdoors. It allows passage on the decking.
This non-slip tape is a polyurethane medium grain product, it has industrial quality grip suitable for zones walked on in bare feet.
It must be applied to clean, degreased and dry surfaces.

The decking must be cleaned using the "isopropyl alcohol" cleaner available as an option in order to prepare to apply the tape.

INFO

To be stored in a dry and cool place away from sunlight and direct heat sources.
An 18 m roll covers 1 linear metre of decking.

AUTOMATIC SLATTED COVERS

TIXIT

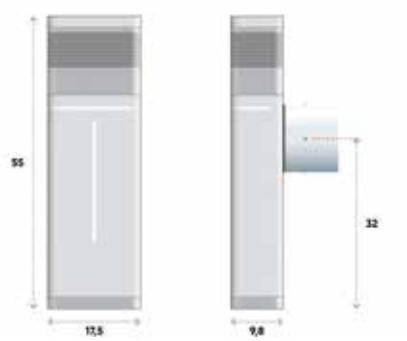
RECOMMENDATIONS

Maximum width: 5.00 m.
Maximum length including stair: 15.50 m.
Minimum dimensions (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 or solar polycarbonate slats or opaque polycarbonate slats and 2.50 x 3.00 m for opaque PVC 84 slats.

MEASUREMENTS

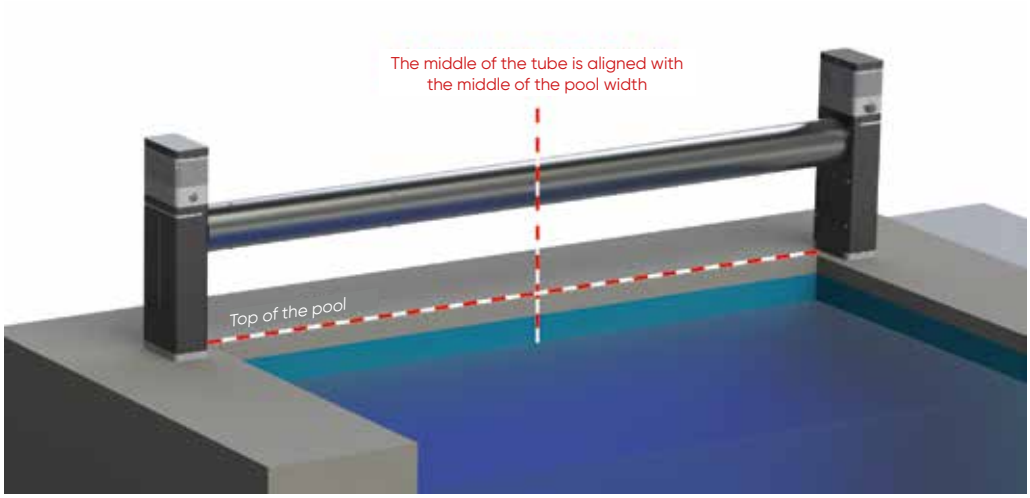
Measurements in cm.

ELECTRIC VERSION / SOLAR VERSION

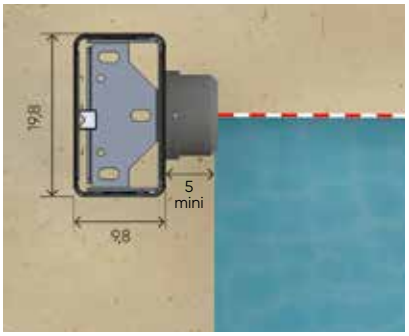


LAYOUT

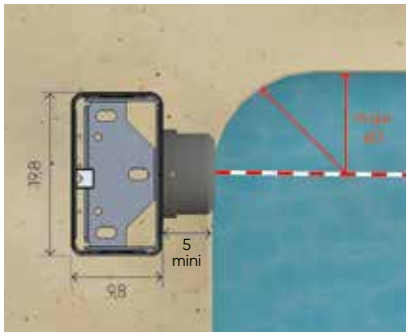
Measurements in cm.



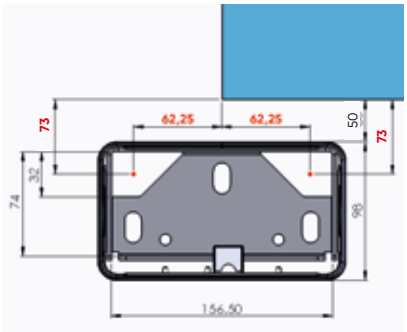
SHARP CORNER POOL



RADIUS/STRAIGHT CUT CORNER UP TO 60 CM MAX POOLS



Electric duct position (in mm).



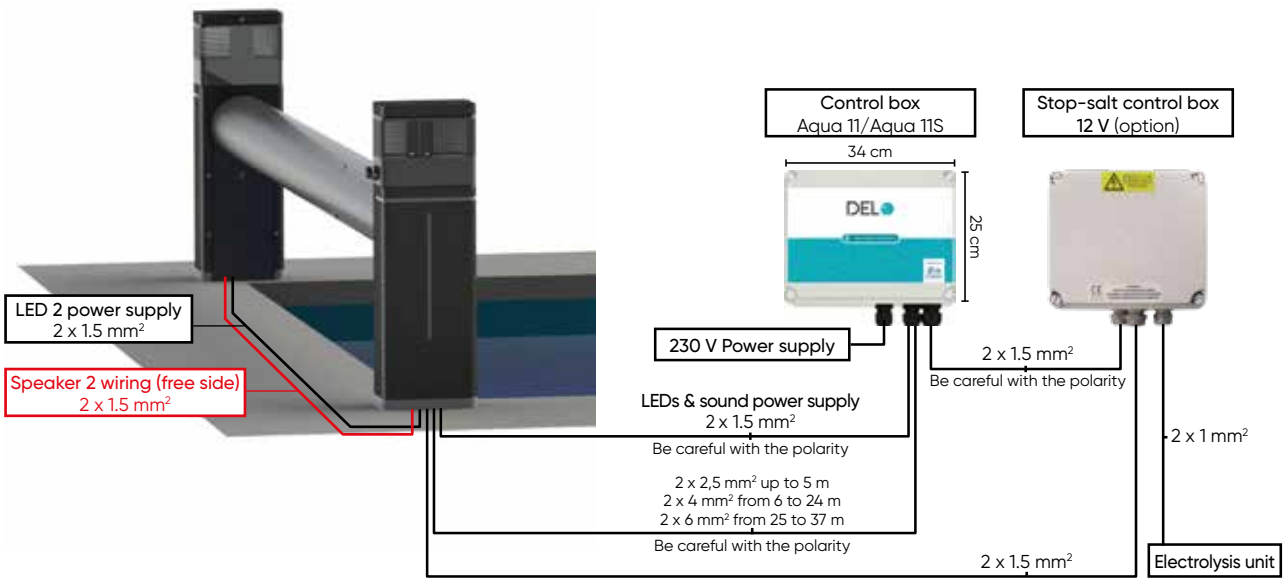
AUTOMATIC SLATTED COVERS

TIXIT

MAXIMUM MEASUREMENT BETWEEN END-STANDS

POOL WIDTH (M)	POOL LENGTH INCLUDING THE STEP UNIT (M)	HEIGHT AT THE TUBE CENTRE	VERSION		MAX. MEASUREMENT BETWEEN END-STANDS (M)
			ELECTRIC	SOLAR	
2.00	15.50	H32	✓	✓	2.35
2.50	15.50	H32	✓	✓	2.85
3.00	15.50	H32	✓	✓	3.35
3.50	14.50	H32	✓	✓	3.85
4.00	14.00	H32	✓	✓	4.35
4.50	12.00	H32	-	✓	4.85
	14.00	H32	✓	-	
5.00	11.00	H32	-	✓	5.35
	13.50	H32	✓	-	

ELECTRIC VERSION WIRING



ELECTRICAL INFORMATIONS:

- Motor: 12 Vcc – 200 W
- LEDs: 12 Vcc - 12 W
- LEDs + sound: 12 Vcc – 60 W

INFO

To share the power supply for the LEDs and the sound option, provide an additional cable between the terminal and the box. Moreover, provide an additional cable between the 2 terminals for the LED lighting and another cable for the sound option.

Connecting the second speaker on the free side is required in order to:
- Optimise the overall sound quality.
- Prevent damage to the "Bluetooth soundcard".

INFO

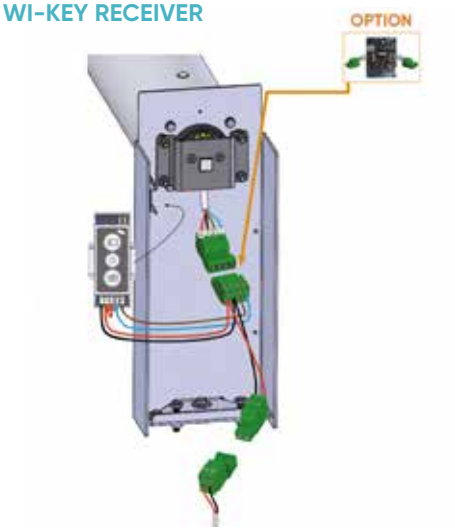
The Pool Sound option is availaible only for electric version.
The LEDs are availaible only for electric version.

AUTOMATIC SLATTED COVERS

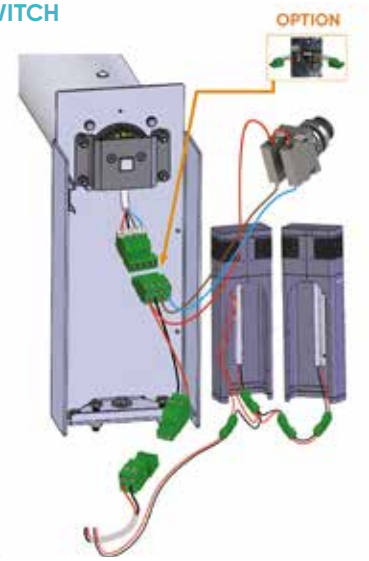
TIXIT

ELECTRIC VERSION WIRING

WI-KEY RECEIVER



KEY SWITCH



For the LivePool Cover option, refer to the instructions supplied with the product.

ELECTRIC CONNECTION

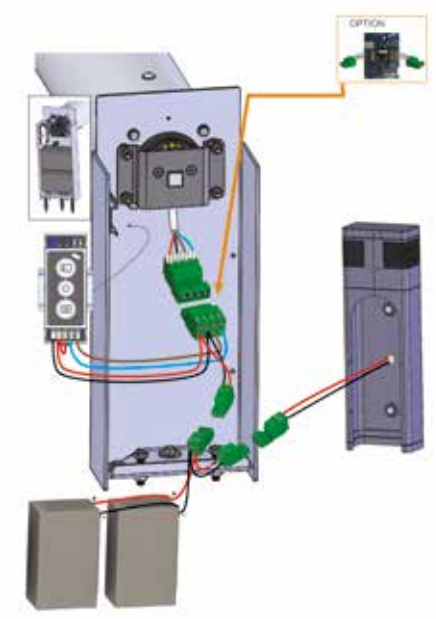
The control box must be fitted in a dry place. The installation must comply with the C15-100 standard in France (or IEC 60364). Ask your electrician or your electricity provider for advice. All our control boxes have a single phase 230 Volt (50 Hz) power supply. The power required at the input terminal is 0.15 kW. A suitably sized circuit breaker must be fitted before the control box and equipped with a 30 mA ground fault system.

INFO

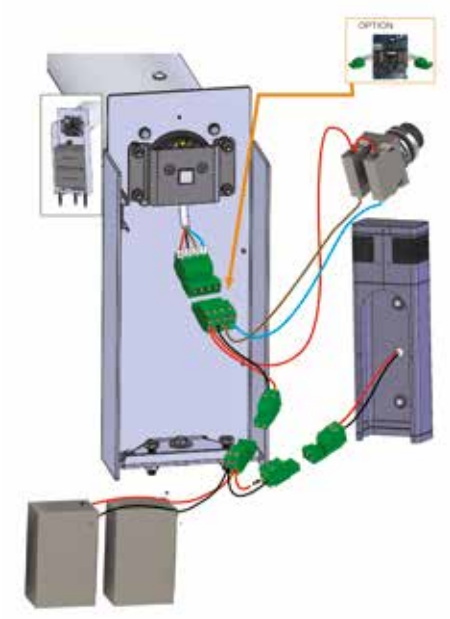
Stop salt control box not compatible with the solar version.

SOLAR VERSION WIRING

WI-KEY RECEIVER



KEY SWITCH



INFO

The Pool Sound option and the LEDs are not availaible for solar version. LivePool option not compatible with the solar version.

INFO

If there is a stop salt control box, provide for a cable between your technical room and the end-stand.

STANDARD

Please see p. 449.

AUTOMATIC SLATTED COVERS

CONTURA

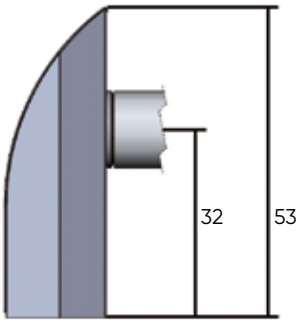
RECOMMENDATIONS

Maximum width: 10.00 m (electric version) / 7.00 m (solar version).
Maximum length including stair: 28.50 m (electric version) / 25.50 m (solar version).
Minimum dimensions (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 or solar polycarbonate slats or opaque polycarbonate slats and 2.50 x 3.00 m for opaque PVC 84 slats.

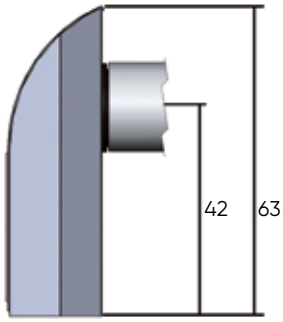
MEASUREMENTS

Measurements in cm.

CONTURA H32

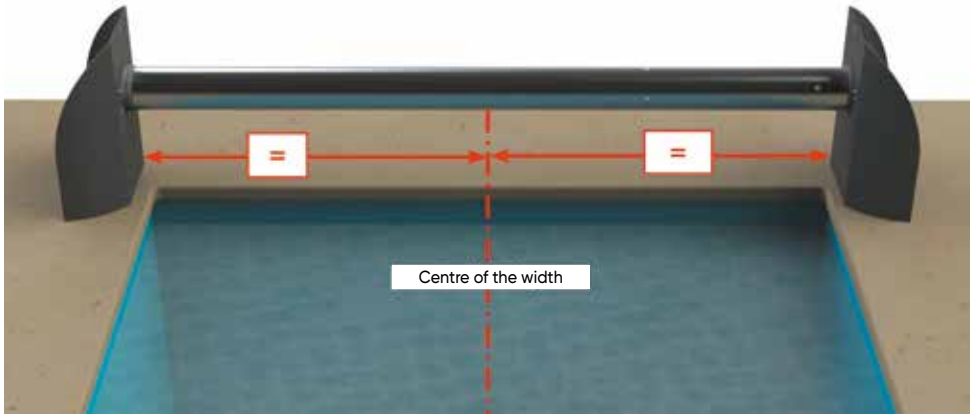


CONTURA H42

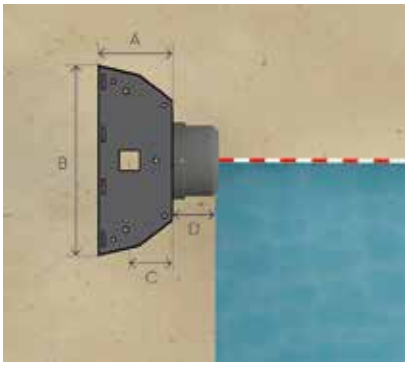


LAYOUT

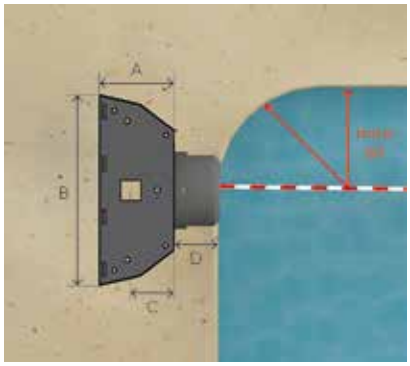
Measurements in cm.



SHARP CORNER POOL



RADIUS/STRAIGHT CUT CORNER POOL UP TO 60 CM MAX



	CONTURA H32	CONTURA H42
A	17	19
B	40	48
C	11	11
D*	3	3

** According to the top of the pool.*

AUTOMATIC SLATTED COVERS

CONTURA

MAXIMUM MEASUREMENT BETWEEN END-STANDS

POOL WIDTH (M)	POOL LENGTH INCLUDING THE STEPUNIT (M)	HEIGHT AT THE TUBE CENTRE	HEIGHT AT THE TUBE CENTRE	END-OF-RUNS	VERSION		MAX. MEASUREMENT BETWEEN END STANDS (M)
					ELECTRIC	SOLAR	
2.00	15.50	H32	-	mechanical	✓	✓ 1 panel	2.35
	25.50	-	H42	mechanical	-	✓ 3 panels	
2.50	15.50	H32	-	mechanical	✓	✓ 1 panel	2.85
	25.50	-	H42	mechanical	-	✓ 3 panels	
	28.50	-	H42	mechanical	✓	-	
3.00	15.50	H32	-	mechanical	✓	✓ 1 panel	3.35
	25.50	-	H42	mechanical	-	✓ 3 panels	
	28.50	-	H42	mechanical	✓	-	
3.50	14.50	H32	-	mechanical	✓	✓ 1 panel	3.85
	22.00	-	H42	mechanical	-	✓ 3 panels	
	28.50	-	H42	mechanical	✓	-	
4.00	13.50	H32	-	mechanical	-	✓ 1 panel	4.35
	14.00	H32	-	mechanical	✓	-	
	19.00	-	H42	mechanical	-	✓ 3 panels	
	27.00	-	H42	mechanical	✓	-	
4.50	12.00	H32	-	mechanical	-	✓ 1 panel	4.85
	14.00	H32	-	mechanical	✓	-	
	17.00	-	H42	mechanical	-	✓ 3 panels	
	23.00	-	H42	mechanical	✓	-	
5.00	11.00	H32	-	mechanical	-	✓ 1 panel	5.35
	13.50	H32	-	mechanical	✓	-	
	15.50	-	H42	mechanical	-	✓ 3 panels	
	18.50	-	H42	mechanical	✓	-	
6.00	13.00	-	H42	mechanical	-	✓ 3 panels	6.25
	26.50	-	H42	electronic	✓	-	
7.00	11.00	-	H42	mechanical	-	✓ 3 panels	7.25
	24.50	-	H42	electronic	✓	-	
8.00	24.00	-	H42	electronic	✓	-	8.20
9.00	22.50	-	H42	electronic	✓	-	9.20
10.00	20.50	-	H42	electronic	✓	-	10.20

ELECTRIC VERSION WIRING

WI-KEY RECEIVER



KEY SWITCH



INFO

For Contura models starting from 7.00 x 8.50 m, this covers:
- Tubular motor with electronic end-of-runs.
- Motor management control box.
• Offset to the technical room using 4 wires.
• Including command management connectors.
• Including the "automatic stop" and "stop salt management" functions.

ELECTRIC CONNECTION

The control box must be fitted in a dry place. The installation must be compliant with standard C15-100 in France (or IEC 60364). Ask your electrician for advice or ask your electricity provider. All our control boxes have a single phase 230 Volt (50Hz) power supply. The power required at the input terminals is 0.15 kW. A suitably sized circuit breaker must be fitted before the control box and equipped with a 30 mA ground fault system.

SOLAR VERSION WIRING

WI-KEY RECEIVER



KEY SWITCH



INFO

Stop salt control box not compatible with the solar version.
LivePool option not compatible with the solar version.

STANDARD

Please see p. 449.

AUTOMATIC SLATTED COVERS

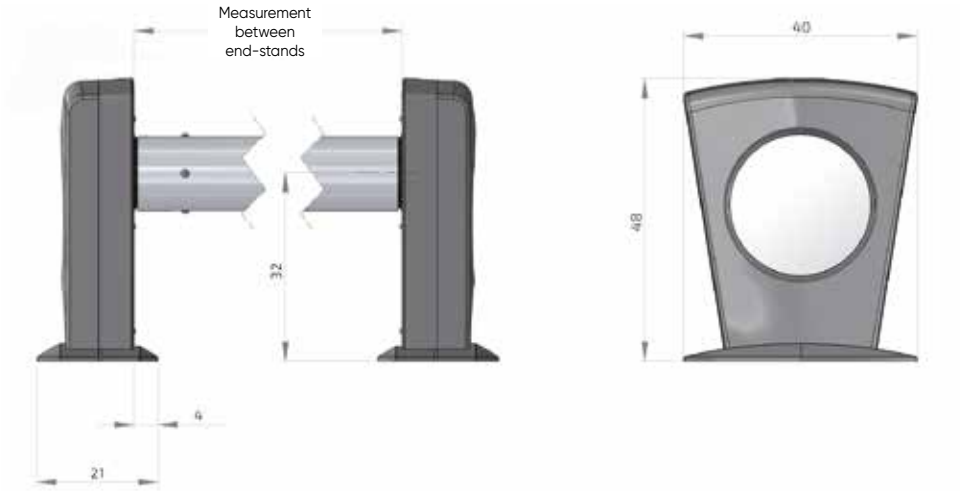
MOON

RECOMMENDATIONS

Maximum width: 5.00 m.
Maximum length including step: 15.50 m.
Minimum dimensions (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 or solar polycarbonate slats or opaque polycarbonate slats and 2.50 x 3.00 m for opaque PVC 84 slats.

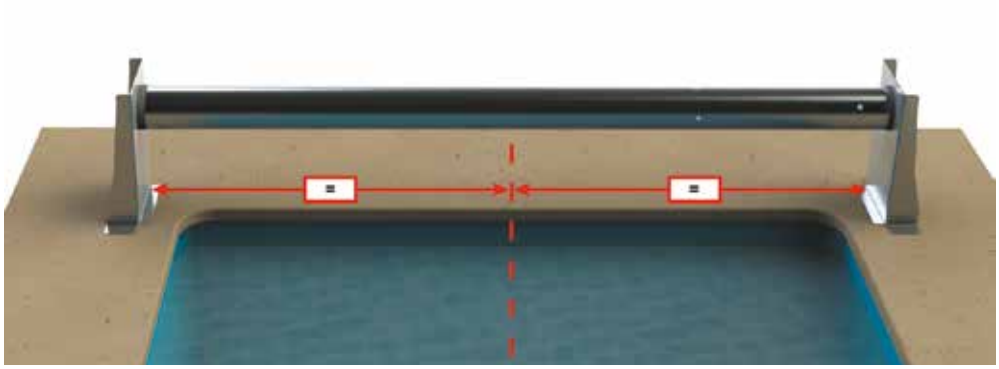
MEASUREMENTS

Measurements in cm.

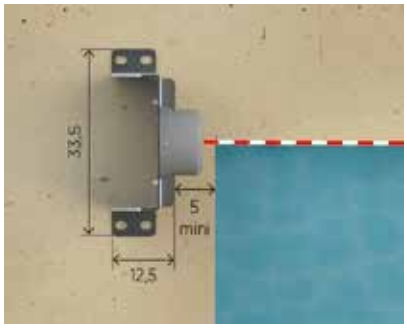


LAYOUT

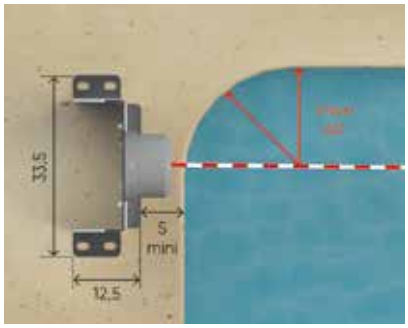
Measurements in cm.



SHARP CORNER POOL



RADIUS/STRAIGHT CUT CORNER UP TO 60 CM MAX POOLS



AUTOMATIC SLATTED COVERS

MOON

MAXIMUM MEASUREMENT BETWEEN END-STANDS

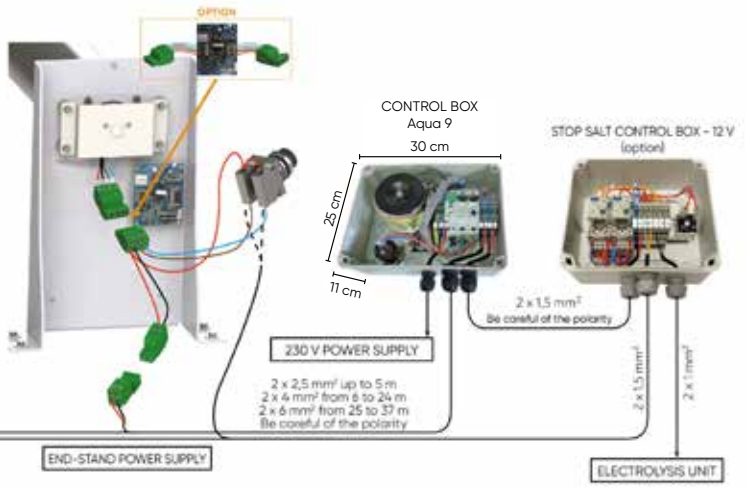
POOL WIDTH (M)	POOL LENGTH INCLUDING THE STEP UNIT (M)	HEIGHT AT THE TUBE CENTRE	VERSION		MAX. MEASUREMENT BETWEEN END-STANDS (M)
			ELECTRIC	SOLAR	
2.00	15.50	H32	✓	✓	2.35
2.50	15.50	H32	✓	✓	2.85
3.00	15.50	H32	✓	✓	3.35
3.50	14.50	H32	✓	✓	3.85
4.00	14.00	H32	✓	✓	4.35
4.50	12.00	H32	-	✓	4.85
	14.00	H32	✓	-	
5.00	11.00	H32	-	✓	5.35
	13.50	H32	✓	-	

ELECTRIC VERSION WIRING

WI-KEY RECEIVER



KEY SWITCH



ELECTRIC CONNECTION

The control box must be fitted in a dry place. The installation must comply with the C15-100 standard in France (or IEC 60364). Ask your electrician or your electricity provider for advice

All our control boxes have a single phase 230 Volt (50 Hz) power supply. The power required at the input terminals is 0.15 kW. A suitably sized circuit breaker must be fitted before the control box and equipped with a 30 mA ground fault system.

For the LivePool Cover option, refer to the instructions supplied with the product.

INFO

If there is a stop salt control box, provide for a cable between your technical room and the end-stand

SOLAR VERSION WIRING

WI- KEY RECEIVER



KEY SWITCH



INFO

Stop salt control box not compatible with the solar version.
LivePool option not compatible with the solar version.

STANDARD

Please see p. 449.

AUTOMATIC SLATTED COVERS

PURE SERIE

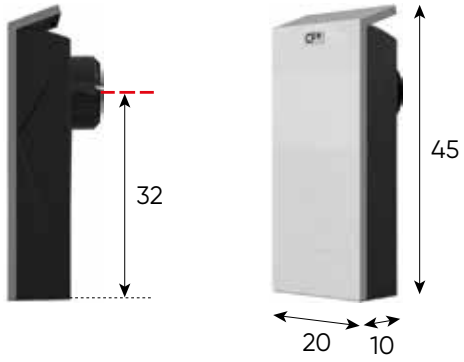
RECOMMENDATIONS

Maximum width: 5.00 m.
Maximum length including step: 15.50 m.
Minimum dimensions (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 slats, solar polycarbonate slats, opaque polycarbonate slats and 2.50 x 3.00 m for opaque PVC 84 slats.

MEASUREMENTS

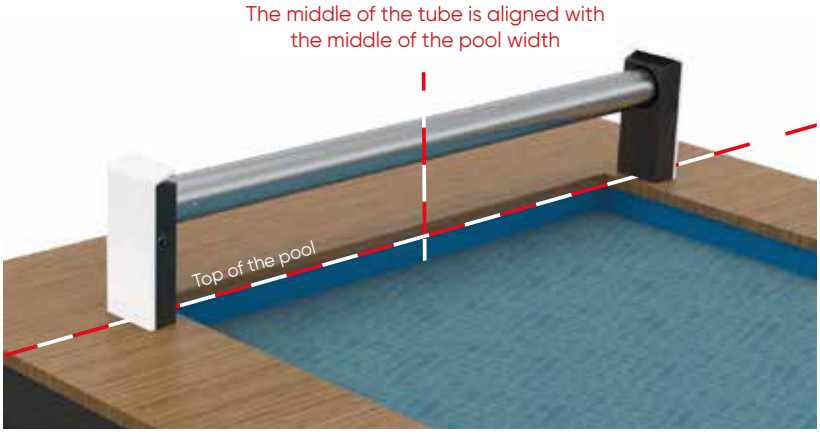
Measurements in cm.

ELECTRIC

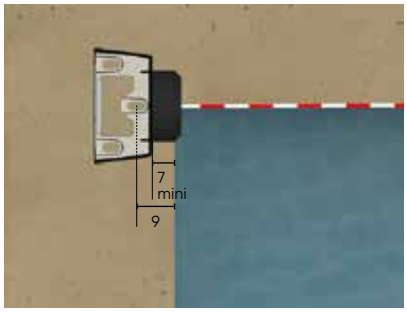


LAYOUT

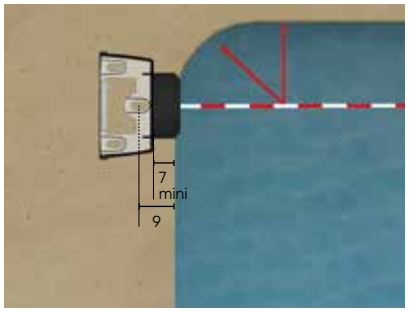
Measurements in cm.



SHARP CORNER POOL



RADIUS/STRAIGHT CUT CORNER UP TO 60 CM MAX POOLS



AUTOMATIC SLATTED COVERS

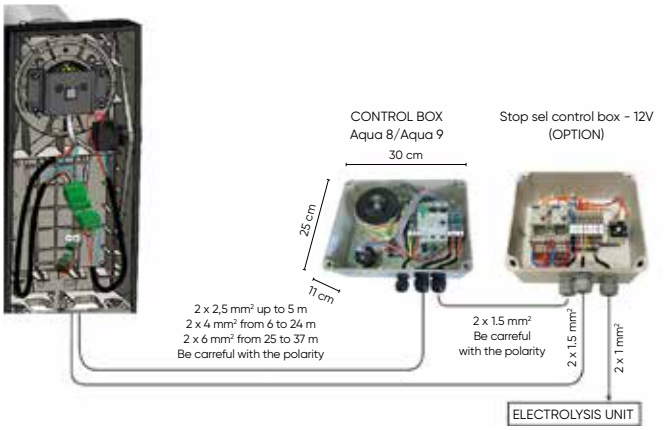
PURE SERIE

MAXIMUM MEASUREMENT BETWEEN END-STANDS

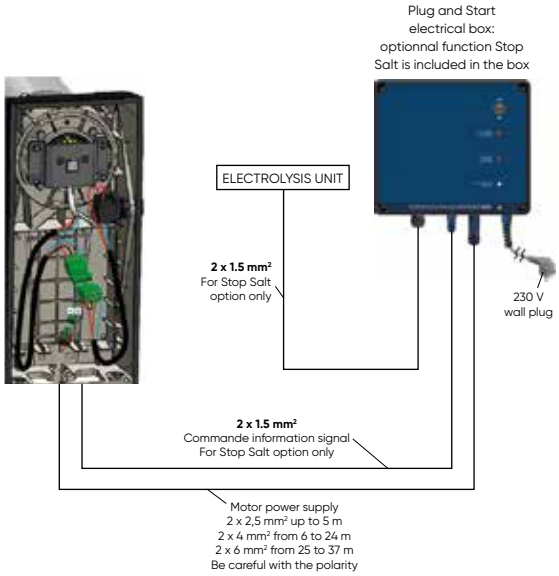
POOL WIDTH (M)	POOL LENGTH INCLUDING THE STEP UNIT (M)	HEIGHT AT THE TUBE CENTRE	VERSION ELECTRIC	MAX. MEASUREMENT BETWEEN END- STANDS (M)
2.00	15.50	H32	✔	2.35
2.50	15.50	H32	✔	2.85
3.00	15.50	H32	✔	3.35
3.50	14.50	H32	✔	3.85
4.00	14.50	H32	✔	4.35
4.50	14.00	H32	✔	4.85
5.00	13.50	H32	✔	5.35

ELECTRIC VERSION WIRING

TRADITIONNAL WIRING



PLUG AND START WIRING



ELECTRIC CONNECTION

The control box must be fitted in a dry place. The installation must be compliant with standard C15-100 in France (or IEC 60364) (last applicable version, ask your electrician for advice or ask your electricity provider). All our control boxes have a single phase 230 Volt (50 Hz) power supply. The power required at the input terminals is 0.15 kW. A suitably sized circuit breaker must be fitted before the control box and equipped with a 30 mA ground fault system.

INFO

If there is a stop salt control box, provide for a cable between your technical room and the end-stand.

STANDARD

Please see p. 449.

AUTOMATIC SLATTED COVERS

ROLLEASY 2

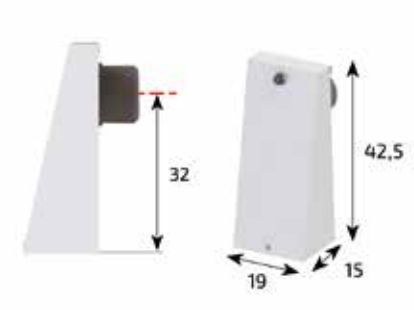
RECOMMENDATIONS

Maximum width: 5.00 m (solar and manual version) / 8.00 m (electric version).
Maximum length including step: 15.00 m (solar and manual version) / 21.00 m (electric version).
Minimum dimensions (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 or solar polycarbonate slats or opaque polycarbonate slats and 2.50 x 3.00 m for opaque PVC 84 slats.

MEASUREMENTS

Measurements in cm.

ELECTRIC / SOLAR VERSION (H.32 MODEL)



ELECTRIC VERSION (H.37 MODEL)



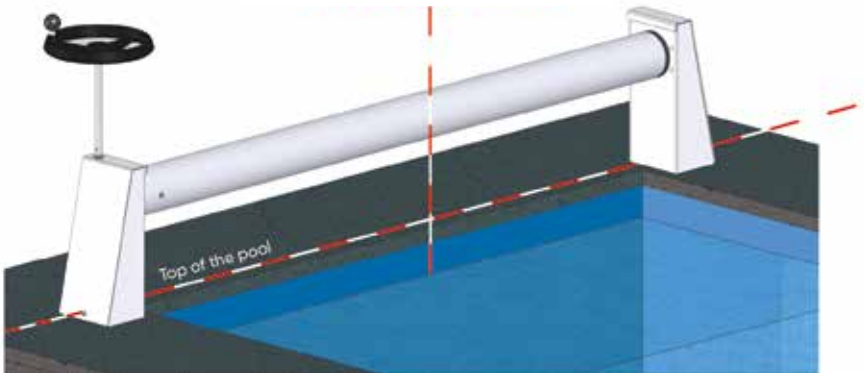
MANUAL VERSION



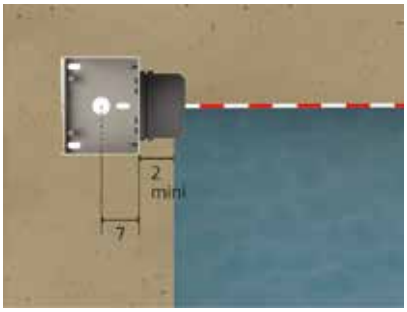
LAYOUT

Measurements in cm.

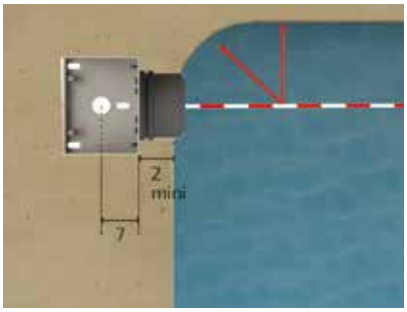
The middle of the tube is aligned with the middle of the pool width



SHARP CORNER POOL



RADIUS/STRAIGHT CUT CORNER UP TO 60 CM MAX POOLS



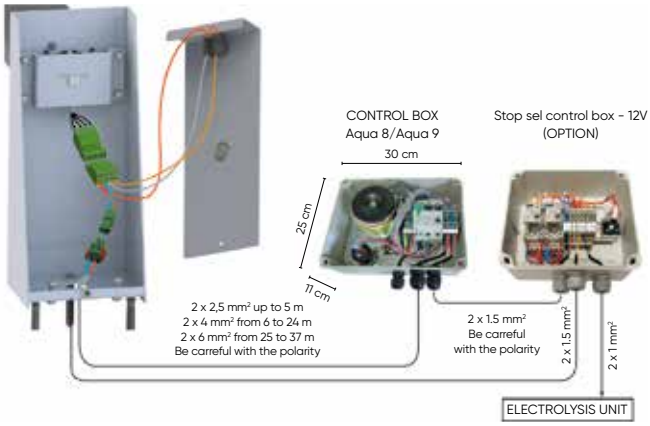
AUTOMATIC SLATTED COVERS

ROLLEASY 2

MAXIMUM MEASUREMENT BETWEEN END-STANDS

POOL WIDTH (M)	POOL LENGTH INCLUDING THE STEP UNIT (M)	HEIGHT AT THE TUBE CENTRE	HEIGHT AT THE TUBE CENTRE	VERSION			MAX. MEASUREMENT BETWEEN END- STANDS (M)
				MANUAL	ELECTRIC	SOLAR	
2.00	15.50	H32	-	✓	✓	✓	2.35
	21.50	-	H37	-	✓	-	
2.50	15.50	H32	-	✓	✓	✓	2.85
	21.50	-	H37	-	✓	-	
3.00	15.50	H32	-	✓	✓	✓	3.35
	21.50	-	H37	-	✓	-	
3.50	14.50	H32	-	✓	✓	✓	3.85
	21.00	-	H37	-	✓	-	
4.00	13.50	H32	-	✓	-	✓	4.35
	14.00	H32	-	-	✓	-	
	21.00	-	H37	-	✓	-	
4.50	12.00	H32	-	✓	-	✓	4.85
	14.00	H32	-	-	✓	-	
	21.00	-	H37	-	✓	-	
5.00	11.00	H32	-	✓	-	✓	5.35
	13.50	H32	-	-	✓	-	
	20.50	-	H37	-	✓	-	5.25
6.00	15.00	-	H37	-	✓	-	6.25
7.00	18.50	-	H37	-	✓	-	7.25
8.00	14.00	-	H37	-	✓	-	8.20

ELECTRIC VERSION WIRING



ELECTRIC CONNECTION

The control box must be fitted in a dry place. The installation must be compliant with standard C15-100 in France (or IEC 60364) (last applicable version, ask your electrician for advice or ask your electricity provider). All our control boxes have a single phase 230 Volt (50 Hz) power supply. The power required at the input terminals is 0.15 kW. A suitably sized circuit breaker must be fitted before the control box and equipped with a 30 mA ground fault system.

INFO

If there is a stop salt control box, provide for a cable between your technical room and the end-stand.

SOLAR VERSION WIRING



INFO

Stop salt control box not compatible with the solar version.
LivePool option not compatible with the solar version.

STANDARD

Please see p. 449.

AUTOMATIC SLATTED COVERS

CF ALU SERIE

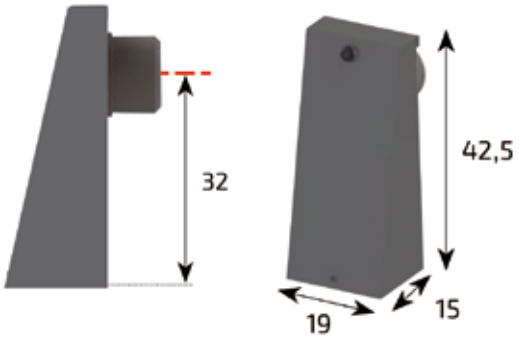
RECOMMENDATIONS

Maximum width: 4.50 m.
Maximum length including step: 9.00 m.
Minimum dimensions (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 slats.

MEASUREMENTS

Measurements in cm.

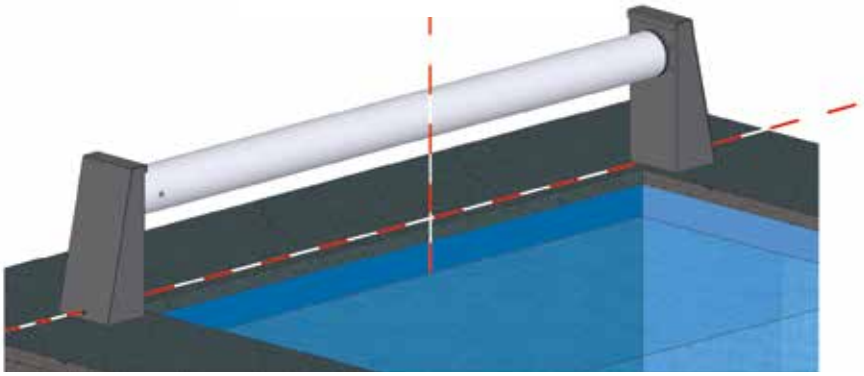
ELECTRIC



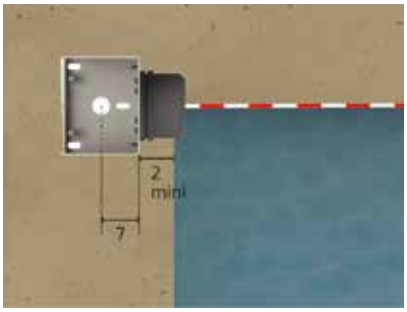
LAYOUT

Measurements in cm.

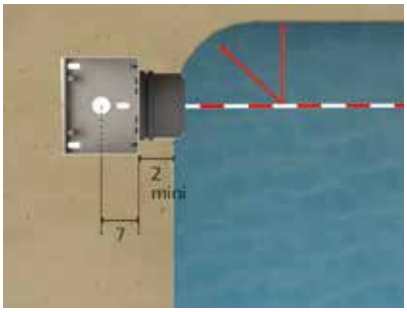
The middle of the tube is aligned with the middle of the pool width



SHARP CORNER POOL



RADIUS/STRAIGHT CUT CORNER UP TO 60 CM MAX POOLS



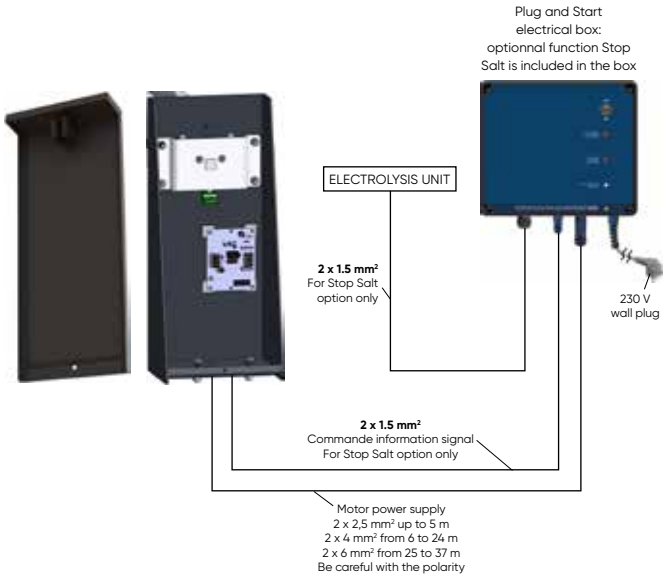
AUTOMATIC SLATTED COVERS

CF ALU SERIE

MAXIMUM MEASUREMENT BETWEEN END-STANDS

POOL WIDTH (M)	POOL LENGTH INCLUDING THE STEP UNIT (M)	HEIGHT AT THE TUBE CENTRE	VERSION ELECTRIC	MAX. MEASUREMENT BETWEEN END- STANDS (M)
2.00	9.00	H32	✔	2.35
2.50	9.00	H32	✔	2.85
3.00	9.00	H32	✔	3.35
3.50	9.00	H32	✔	3.85
4.00	9.00	H32	✔	4.35
4.50	9.00	H32	✔	4.85

ELECTRIC VERSION WIRING



ELECTRIC CONNECTION

The control box must be fitted in a dry place. The installation must be compliant with standard C15-100 in France (or IEC 60364) (last applicable version, ask your electrician for advice or ask your electricity provider). All our control boxes have a single phase 230 Volt (50 Hz) power supply. The power required at the input terminals is 0.15 kW. A suitably sized circuit breaker must be fitted before the control box and equipped with a 30 mA ground fault system.

INFO

If there is a stop salt control box, provide for a cable between your technical room and the end-stand.

STANDARD

Please see p. 279.

AUTOMATIC SLATTED COVERS

ROLLOVER

RECOMMENDATIONS

Maximum dimensions: 6.00 x 14.00 m (PVC finish and wood finish).
Minimum dimensions (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 or solar polycarbonate slats or opaque polycarbonate slats and 2.50 x 3.00 m for opaque PVC 84 slats.

DIMENSIONS



Pool width	Version	Maximal distance between exterior casing measurement
2 m	PVC Electric PVC Solar Wood Electric Wood Solar	2.59 m
2.50 m		3.09 m
3 m		3.59 m
3.50 m		4.09 m
4 m		4.59 m
4.50 m		5.09 m
5 m		5.59 m
5.50 m		6.09 m
6 m		6.59 m

ELECTRIC VERSION WIRING

WI-KEY RECEIVER



KEY SWITCH



ELECTRIC CONNECTION

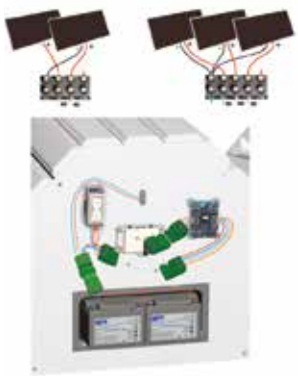
The control box must be fitted in a dry place. The installation must be compliant with standard C15-100 in France (or IEC 60364). Ask your electrician for advice or ask your electricity provider. All our boxes have a single phase 230 Volt (50 Hz) power supply. The power required at the input terminals is 0.15 kW. A suitably sized circuit breaker must be fitted before the control box and equipped with a 30 mA ground fault system.

INFO

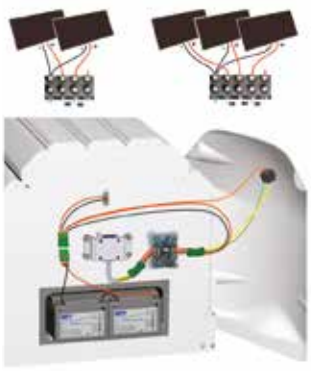
If there is a stop salt control box, provide for a cable between your technical room and the end-stand

SOLAR VERSION WIRING

WI-KEY RECEIVER



KEY SWITCH



INFO

Stop salt control box not compatible with the solar version. LivePool option not compatible with the solar version.

According to its size, the cover may be equipped with 1 or 2 batteries.

- 2 solar panels for pools up to 5 m
- 3 solar panels for pools of 6 m

STANDARD

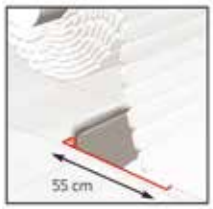
Please see p. 449.

AUTOMATIC SLATTED COVERS

MOOVE'O

RECOMMENDATIONS

- **Maximum pool width:** 5.00 m.
- **Maximum pool length:** 12.00 m.
- **Minimum dimensions** (to be compliant with the NF P90-308 standard): 2.00 x 3.00 m for opaque PVC 69 or solar polycarbonate slats or opaque polycarbonate slats and 2.50 x 3.00 m for opaque PVC 84 slats.
- **Location:** outdoors (not compatible with indoor pools).
- **Maximum stair width:** must be less than or equal to 2/3 of the pool width on the stair side.

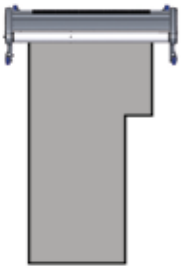


If necessary, disk the copings to facilitate the passage of the slats and avoid rubbing. For free form pools, or pools with radius, a bigger notch may be required.

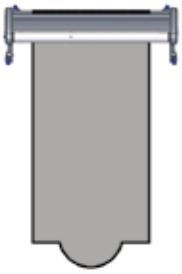


COMPATIBLE POOL SHAPES

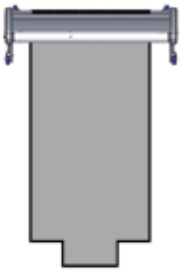
In case of stairs (max. length 2.00 m) 3 straps are supplied to hold the cover on the tube when the Moove'O is moving and/or the stair is being rolled.



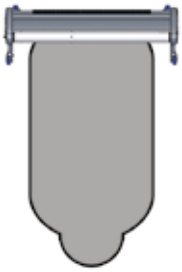
Rectangular with offset stair



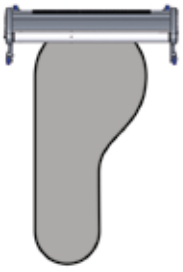
Rectangular with roman stair



Rectangular with square stair



Oval

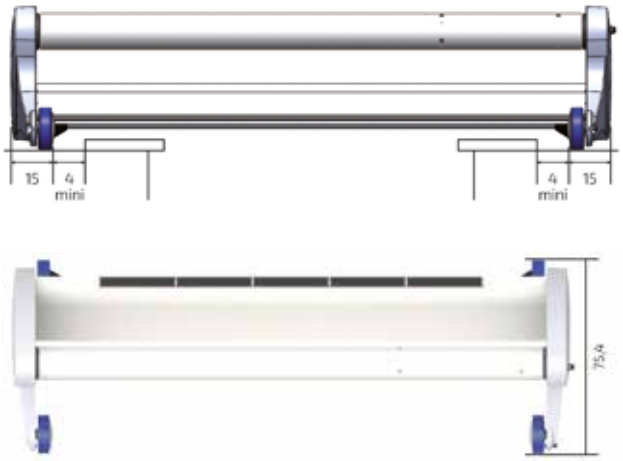


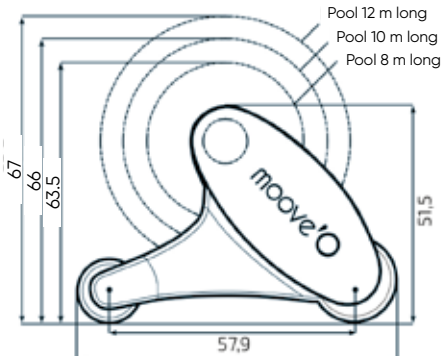
Kidney

Whatever the pool shape, coping will need to be worked on to ease the passage of the slats and avoid rubbing during rolling and unrolling operations.

MEASUREMENTS

Measurements in cm.

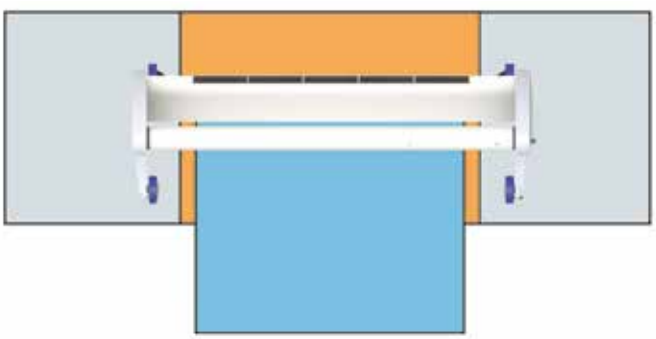




POOL ENVIRONMENT

Measurements in cm.

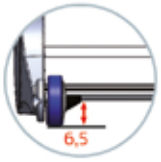
Moove'O only moves in a straight line.



Rolling area to withstand the weight of the Moove'O (250 kg max.) without any obstacles

Zone free from obstacles of a height greater than 6.50 cm

Pool



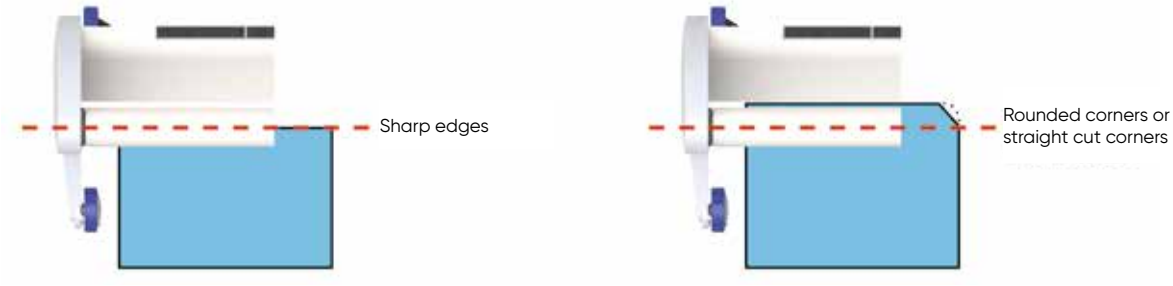
Be careful of possible obstacles (filtration block, curved coping, etc.)

AUTOMATIC SLATTED COVERS

MOOVE'O

POSITIONING

The centre of the rolling tube must be placed above the biggest pool width.



INSTALLATION

• Quick Pool closure



Approach the Moove'O® near the pool manually.

Use the key switch to automatically roll out the cover onto the water.

Release the cover and push the Moove'O® back to free up the pool side.

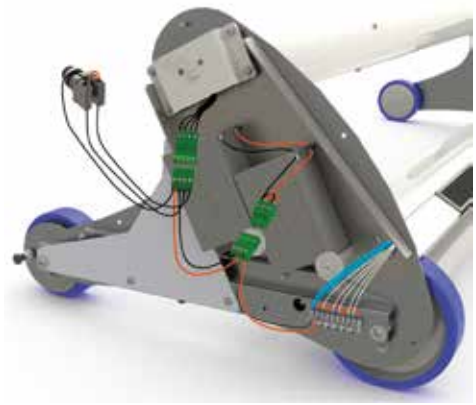
For a big radius, it may be necessary to move the reel system back during the unrolling operation.

MIN/MAX. MEASUREMENTS BETWEEN WHEELS

• The minimum measurement between the wheels must be equal to the pool width + 8 cm.

POOL WIDTH (M)	POOL LENGTH INCLUDING THE STEP UNIT (M)	HEIGHT AT THE TUBE CENTRE	SOLAR VERSION	MAXIMUM MEASUREMENT BETWEEN END- STANDS (M)
2.00 m	12.00	H42	✓	2.35
2.50 m	12.00	H42	✓	2.85
3.00 m	12.00	H42	✓	3.35
3.50 m	12.00	H42	✓	3.75
4.00 m	12.00	H42	✓	4.25
4.50 m	11.00	H42	✓	4.75
5.00 m	11.00	H42	✓	5.45

WIRING



STANDARD

Please see p. 449.

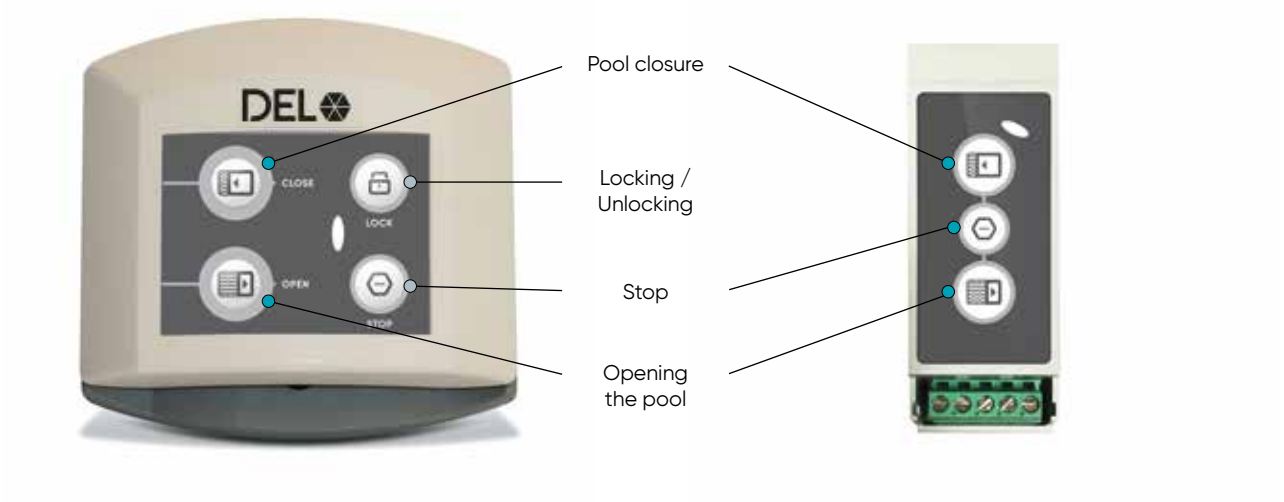
AUTOMATIC SLATTED COVERS

WI-KEY

WI-KEY INTERFACE

Emitter
(user interface)

Receiver
(built into the control box or the above-ground end-stand)



Ultra-low consumption electricity supply:
• Emitter: 2 AAA batteries included (estimated 2 years autonomy).
• Receiver: on the cover or automatic cover electric circuit.

INSTALLATION

EMITTER

Its location must be in a place from which it is possible to check that no one enters the pool during the manoeuvre.
Use of a static station only (wall mount supplied).

INSTALLATION OPTIONS

EXTRA WI-KEY EMITTER

Using this option you can install one or more extra emitters (maximum of 3 emitters per receiver).

REMOTE WI-KEY RECEIVER BOX

This remote receiver box should be used when the distance between the receiver and the emitter is greater than:
• 50.00 m in an obstacle-free zone.
• 25.00 m behind a basic wall.
• 15.00 m behind several walls or an especially thick wall.
This option only covers, inground covers and large sized Contura above-ground covers (starting from 6.00 x 22.00 m or 7.00 x 15.50 m).
The remote receiver box is delivered ready to wire.

WI-KEY ADAPTER KIT

Option used to convert in-ground automatic slatted covers already fitted with a key switch to a Wi-Key control.

SAFETY

POOL COVER CONTROL SYSTEM COMPLIANT WITH THE NF P90-308 STANDARD:

Quick keyless locking and unlocking concept from the emitter:
• Locking: press “LOCK” for 3 seconds.
• Unlocking: press “LOCK” and the sequence of keys in the installation instructions at the same time.

HIGH SECURITY COMMUNICATIONS PROTOCOL:

Wi-Key operates on a specific frequency and using a specific protocol thereby eliminating risks of interference and scrambling.

However, radio waves from nearby appliances can interfere with Wi-Key operation.

AUTOMATIC SLATTED COVERS

LIVEPOOL

LIVEPOOL INTERFACE

Receiver: on the cover or automatic cover electric circuit.

Receiver wired to the cover control box that need to be at least 10 m from where the cover is used.

Use of the Livepool interface complies with NF P90-308 provided that **the person carrying out the operation must ensure that there are no bathers present and always have a view of the pool and be ready to act if needed, during the opening and clossing operation.**



Emitter
(user interface)



Receiver

INSTALLATION

Refer to the pages of the automatic slatted covers concerned (wiring pages for exemple: Rollenergy Evolution p. 414, Rollin p. 416, Tixit p. 424, Moon p. 428...).

OPTION

LIVEPOOL ADAPTER KIT

Option used to convert in-ground automatic covers already fitted with a LivePool control.

INFO

Livepool control is not compatible with the above-ground automatic covers solar version.

SPECIFICS

- Opening and closing of the automatic cover with a Smartphone thanks to the LivePool application.
- Communication between the Smartphone and the automatic cover via secure Bluetooth allowing the use at proximity of the receiver.
- 3 manoeuvring buttons: Open / Stop / Close.
- Single press for opening and for closing.
- Automatic locking of the application after use.
- Alert message reminding the user to unlock the safety kits before opening the automatic cover and to lock them after closing.
- Use of the application is placed under the responsibility of the user who is reminded of the necessity to see the pool during manoeuvres.
- Integration of the automatic cover into the LivePool ecosystem.

BACKGROUND INFORMATION

LIVEPOOL

The application that makes pools smart and connected.

Modular and adaptive solution that improves the performance and effectiveness of professionals.

Mobile application that makes life easier for users by allowing them to view their pool's essential parameters and to control their equipment.

Pieces of LivePool equipment optimise their operation by communicating together with them via a local, private and secure wireless network.

COVER-CONNECT

No electrical control to be carried out between pieces of LivePool equipment.

Local or remote connectivity.

Secure access to the mobile application.

LIVEPOOL COVER

A "LivePool Cover" application is now available, to control just the automatic slatted cover, using only Bluetooth. It's more ergonomic, intuitive and easier to connect.

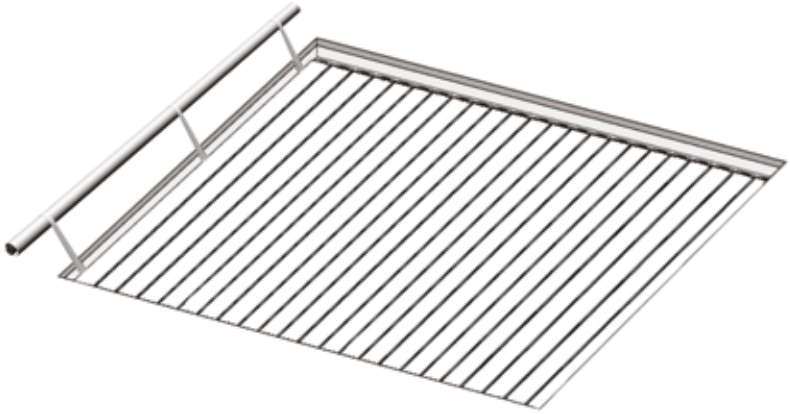
COMPATIBILITÉ

Télécharger dans l'App Store — *iOS 12 et +*

DISPONIBLE SUR Google Play — *Android 8 et +*

AUTOMATIC SLATTED COVERS

OPAQUE PVC 84 SLATS



INFO

The slatted cover covers the complete pool surface area, its width is 30 mm less than the pool width (40 mm for Rollenergy evolution and Rollinside tubular motor surface fixing). If there are protruding skimmer fixtures, the gap will be increased by the fixture thickness. The gap between the wall and the cover must be less than 70 mm.

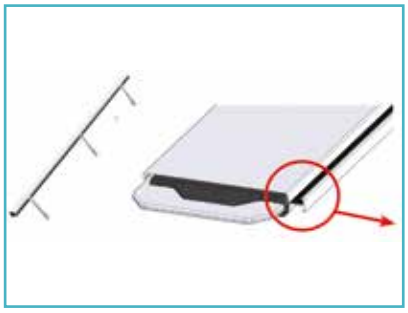
RESTRICTIONS

PVC opaque 84 slats are not compatible with pools:

- Width over 5.00 m.
- Installing the slats by clipping.

INSTALLING THE SLAT COVER

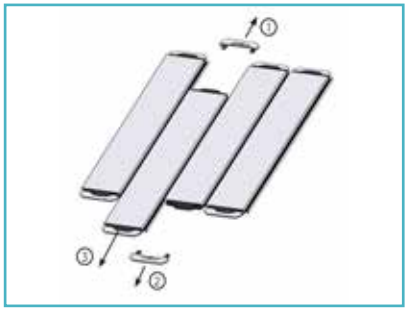
BY INSERTING







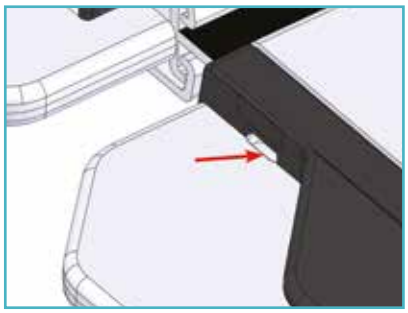
REMOVAL OF THE SLATS

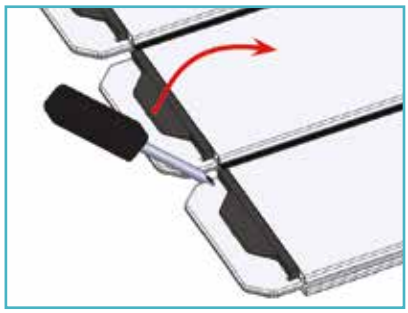


AUTOMATIC SLATTED COVERS

OPAQUE PVC 84 SLATS

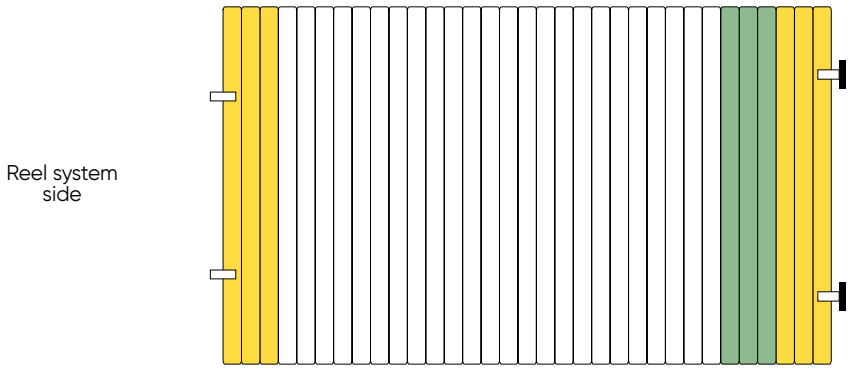
REMOVE THE FRANGE







SCHEMATIC LAYOUT OF THE SLATS



L1 module (at the 2 ends) are used to fix the cover to the roller system (and, if applicable, to the locking system).

L1 module allow to adjust the total cover length.

L4 module.

STEP UNIT OR SWIMMING LANE

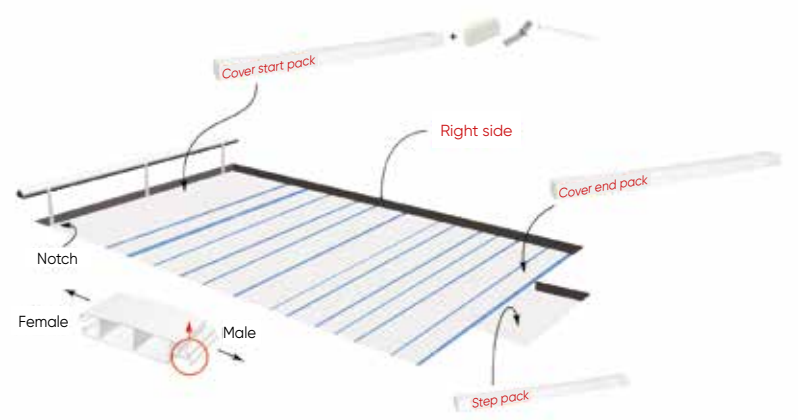
• For a step or a swimming lane placed at the opposite width to the reel system:

- If the base is ≥ than 1/2 the pool width then an automatic cover can be installed without restrictions.
- If the base is between 1/2 and 1/3 of the pool width then an automatic cover can be installed on condition that it is centered on the pool width.

For all other cases, a specific study is needed. Don't hesitate to consult us to check feasibility. In the case of a swimming lane, to be compliant with the NF P90-308 standard, it must be at least 2.50 m wide.

AUTOMATIC SLATTED COVERS

OPAQUE PVC 69 OR SOLAR POLYCARBONATE OR OPAQUE POLYCARBONATE SLATS



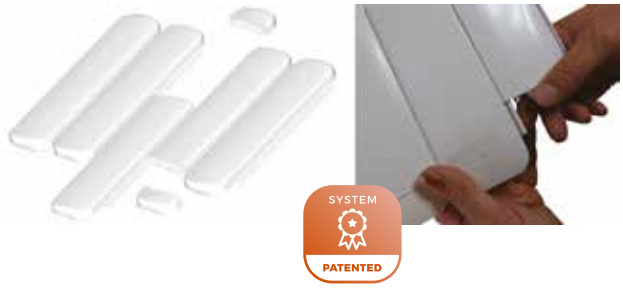
INFO

Place the slats on the water and slide or clip them together.
Be careful of the slat direction.
Repeat the operation until all the slats are joined together.

The slatted cover covers the complete pool surface area, its width is 30 mm less than the pool width (40 mm for Rollenergy evolution and Rollinside tubular motor surface fixing). If there are protruding skimmer fixtures, the gap will be increased by the fixture thickness. The gap between the wall and the cover must be less than 70 mm.

INSTALLING THE SLAT COVER

1 BY INSERTING

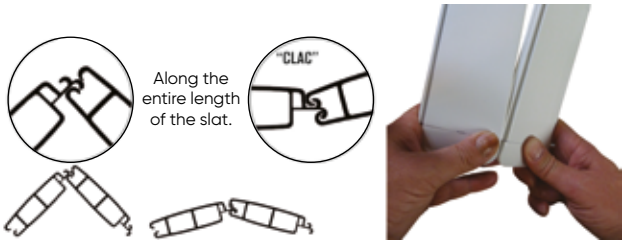


The cover slats have removable end caps allowing the slats to be assembled by sliding (European patent).

This technical feature has many advantages:

- **Slat sliding assembly system.** This exclusive DEL technique provides **faster** and **simpler** slat cover assembly than the traditional clipping system. When ordering, you can request not to have certain end caps fitted to make this operation easier.
- **Very easy to remove** a damaged slat **without damaging** the other slats.
- **If you decide to use the sliding slat assembly system, don't hesitate to indicate it on the order form.**

2 BY CLIPPING



HOW TO REMOVE END CAPS



Using a slim flat tipped screwdriver.

SIMPLE - FAST - PRACTICAL

STEP UNIT OR SWIMMING LANE

• For a step or a swimming lane placed at the opposite width to the reel system:

- If the base is ≥ than 1/2 the pool width then an automatic cover can be installed without restrictions.
- If the base is between 1/2 and 1/3 of the pool width then an automatic cover can be installed on condition that it is centered on the pool width.

For all other cases, a specific study is needed. Don't hesitate to consult us to check feasibility. In the case of a swimming lane, to be compliant with the NF P90-308 standard, it must be at least 2.00 m wide.

SLATS

SLAT COVER ROLLING DIAMETER (OPAQUE PVC 84 OR OPAQUE PVC 69 OR SOLAR POLYCARBONATE)

		POOL LENGTH													
Pool width	tube Ø	3 m	4 m	5 m	6 m	7 m	8 m	9 m	10 m	11 m	12 m	13 m	14 m	15 m	16 m
Max 5 m	130 mm	280	315	345	375	400	430	460	480	500	520	540	-	-	-
Max 5 m	140 mm	290	325	355	380	410	435	460	480	505	525	545	560	580	-
Max 6 m	170 mm	300	335	365	395	420	445	470	490	510	530	550	570	585	605
Max 8 m	180 mm	310	340	370	400	425	450	475	495	515	535	555	575	590	610
+ 8 m	250 mm	355	380	410	435	460	480	505	525	545	565	580	600	615	635

in mm.

		POOL LENGTH													
Pool width	tube Ø	17 m	18 m	19 m	20 m	21 m	22 m	23 m	24 m	25 m	26 m	27 m	28 m	29 m	30 m
Max 6 m	170 mm	625	-	-	-	-	-	-	-	-	-	-	-	-	-
Max 8 m	180 mm	630	645	660	675	690	705	720	735	750	765	775	790	805	815
+ 8 m	250 mm	630	665	680	695	715	725	740	755	770	785	795	810	820	835

in mm.

WHY WE NEED INFORMATION ABOUT THE SKIMMERS

THE POSITION:

To be able to properly position the safety kits without risking placing a kit on an obstacle such as a skimmer.





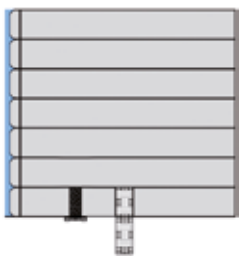
SURFACE MOUNTED:

To be able to cut the 1st slat of the cover if you have a skimmer that protrudes by more than 2 cm.

WHY WE NEED TO KNOW IF THE POOL HAS RADIUSES

OPAQUE PVC 84, 69, SOLAR POLYCARBONATE OR OPAQUE POLYCARBONATE SLAT COVER PRODUCTION

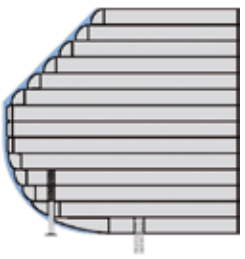
As the slat cover is made to order, the corner finishes are needed for the production process.
The end caps and straps will be adjusted to your configuration.



Sharp corner and standard straps (tube and safety).



Small radius corner, standard straps (tube and safety) and different end cap finish types.



Large radius corner, extended straps (tube and safety) and different end cap finish types.

AUTOMATIC SLATTED COVERS

PUSHLOCK AUTOMATIC

QUANTITY AND POSITION

Wall-mounted devices to be installed at a maximum distance of 88 cm from the pool edge, with a maximum spacing of 3.24 m between two devices.

Installation only on the side opposite to the roller.

Wall mounted devices and jaws prefitted on slats have to be perfectly aligned to ensure a good operabilty. If wall mounted devices are ordered and installed before the slats the location rules have to be respected and the exact location of the wall mounted devices have to be mentionned on slats order.

COMPATIBILITY

Compatible with in-ground slatted covers requiring safety locking only on the side opposite to the roller: Rollenergy Evolution and Rollin.

The required water level is specified in the dedicated section, see page 240.

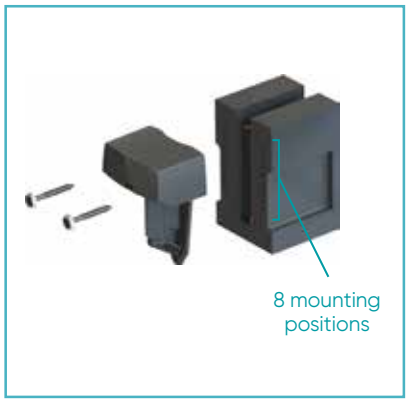
INSTALLATION

The slats are delivered pre-fitted with jaws allowing attachment to the wall-mounted devices..

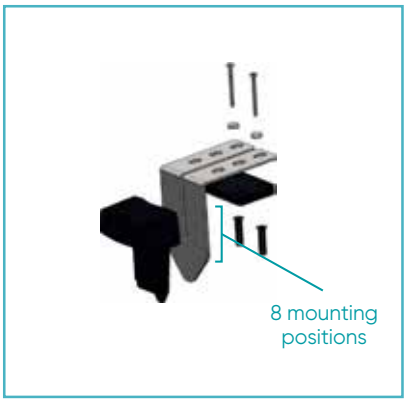
The Pushlock automatic is available with several types of wall-mounting versions.



Surface mount



Insert mount



Hanging mount

Mounting on hanging plate is possible, with the plate positioned in the traditional way on the water side of the liner or on-site lining, but also when positioned behind.

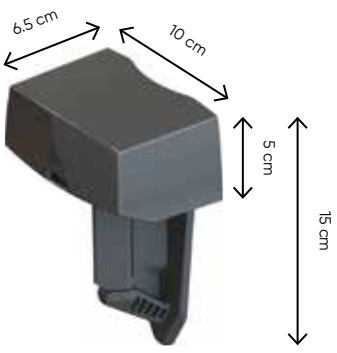
Each wall-mounted device is supplied with a 2 m cable and must be wired to a dedicated control box installed in the technical room.

The open/close electrical signals from the control systems are received by the Pushlock automatic control box, which manages the wall-mounted devices before forwarding the signals (with a short delay of a few seconds) to the cover control box that activates the cover motor.

Installation is also possible as part of a refurbishment, with connection to earlier versions of DEL in-ground slatted automatic cover control boxes.

The motor blockage protection function avaiable in the cover control box must be enabled and properly set.

WALL-MOUNTED DEVICES DIMENSION



JAWS PREFFITED ON SLATS



AUTOMATIC SLATTED COVERS

PUSHLOCK AUTOMATIC

Pushlock automatic control box



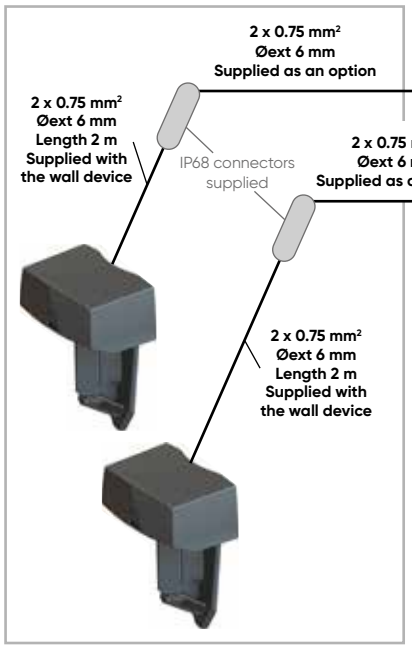
In-ground cover control box



The motor blockage protection function must be enabled and properly set.

3 x 1.5 mm²

Pushlock automatic



Mains supply

3 x 2.5 mm²

Circuit breaker with a 30 mA ground fault protection.
Connection: N and L 230 Volts single phase 50 Hz plug.

3 x 1.5 mm²



Key switch



Insert mounted key switch



LivePool



Remote Wi-Key receiver box
Dimensions:
16.4 x 12 x 8 cm
(option)

Controllers

INFO

For full details, please refer to the product manual.

ELECTRIC SUPPLY

For a reliable installation, it is strongly recommended to order the optional cables, which are ideally suited to the supplied watertight connectors. Failing this, an identical cable with stranded wires must be used: 2 x 0.75 mm² with an external diameter of 6 mm.
For a two-phase installation, it is possible to order the wall-mounted devices and the dedicated cable and electrical control box before ordering the cover.

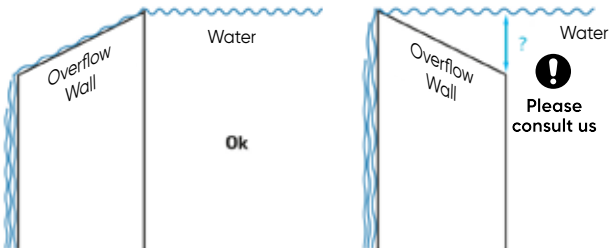
When the wall-mounted devices are ordered in advance, please strictly follow the placement recommendations and indicate the exact positions when ordering the cover slats. This enables the factory to position the jaws precisely on the slats for a perfect fit.

OVERFLOW OR MIRROR POOLS

Installing a DEL slatted cover on overflow or mirror pools is possible following our recommendations:

- **The overflow rolling guides** are recommended every 4 m.
- Installation of an Infinity box (see this page).
- When the cover is being operated, the filtration must be stopped (Stop Flow box).

Caution, the drop in water level may require a more or less long waiting time (depending on the pump flow rate to the buffer tank) before the cover can be operated. In this case a filtration system separate from the overflow will be required.



INFINITY BOX

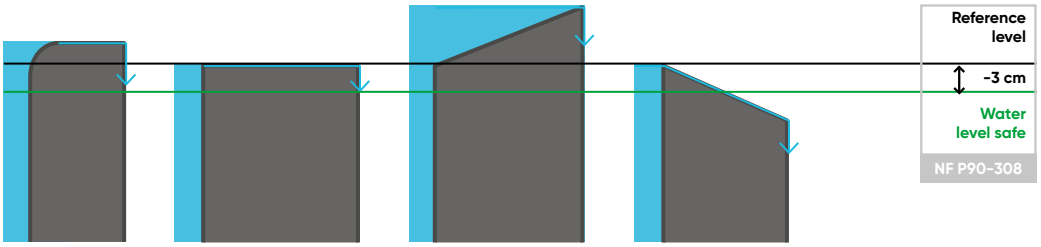
The installation of a cover on an overflow or mirror pool does not comply with the requirements of standard NF P90-308 unless:

- The cover and the attachment devices are announced by their manufacturer as conforming in case of joint use with the Infinity kit, and installed and used according to the manufacturer's recommendations.
- Compliance with the recommendations of the Infinity kit installation and use instructions.
- The respect of the safety instructions indicated in the manuals of the cover.
- If necessary, securing the buffer tank.

The water level lowered when the cover is in place must be at least 3 cm below the reference level.

The profile of the overflow wall should be considered when establishing the reference level.
The main wall types are shown below with the corresponding levels.
For any other type of wall profile, please contact your CF group contact.

This lowered water level ensures that the upper surface of the closed cover is more than 2 cm below the reference level, and therefore the pool is considered to have a conventional water level.
It is also by reference to this conforming water level that the probes are to be adjusted.



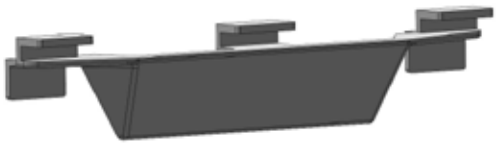
SKIMMER DEFLECTOR

Prevents the slats from bumping into or getting stuck in the relief created on the wall by the skimmer cover.

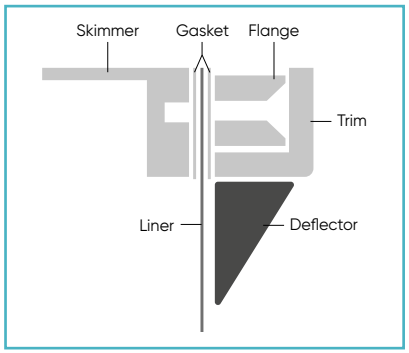
Available in 4 colors: white, beige, light grey and dark grey.

Sold in pack of 10 pieces.

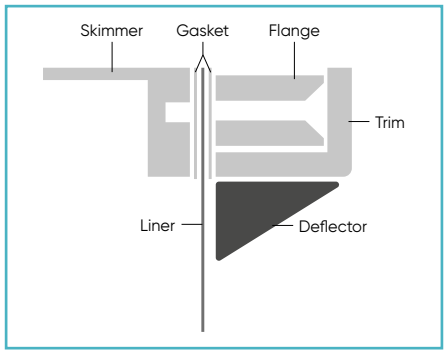
A single asymmetrical part for two mounting methods depending on the thickness of the bezel projection.



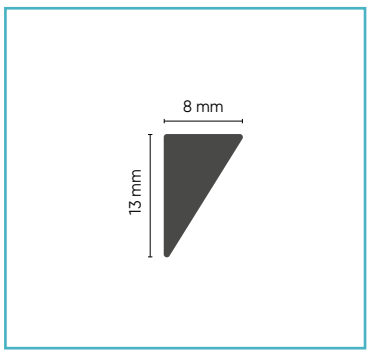
TRIM THICKNESS 10 MM



TRIM THICKNESS 15 MM



DIMENSIONS



PRO HINT

2 deflectors per skimmer, recommended for surface-mounted skimmers above Rollinside opening. Easy to mount on covers outside the pool.

AUTOMATIC SLATTED COVERS

USE, CARE, MAINTENANCE

The French January 3rd 2003 Act covering pool safety is intended to prevent the risks of young children drowning in pools. This legislation imposes the installation of a standardised system:

- Since January 1st 2006, all existing pools must be fitted with a safety system.

This concerns open air, in-ground or partially in-ground private pools for individual or community use.

The DEL Rollenergy Evolution, Rollin, Rollinside, Moon, Tixit, Contura, Rollover, Rolleasy 2, CF Alu serie, Pure serie and Moove'O automatic covers have been certified by the French Test Laboratory as compliant with the requirements of the NF P90-308 standard.

The standard concerns manufacturers and directly involves installers and users.

The standard defines the contents of the installation, user, care and maintenance manuals and the safety recommendations. It is therefore imperative to give the end customer the manual so that they can read it and keep it for future use.

LIMITS ON USE

The installation of a cover on overflow pools and/or pools with steps on the length side (removable steps on the side) is not compliant with the NF P90-308 standard. In this case other compliant systems should be used. Unless otherwise specified by the manufacturer, immersion alarms are not compatible with automatic slatted covers.

SAFETY ADVICE

- The slatted cover on overflow pools are only conform if the pool is equipped with, a Vitalia Infinity type, a system that automatically lowers the water level by at least 2 cm when the cover is closed on the pool. To date, DEL covers with a removable form on a side staircase do not conform with the NF P90-308 standard.
- It is prohibited to climb, walk or jump on a safety cover.
- If a malfunction preventing the closure and securing of the pool is discovered, or if the pool equipment is temporarily unavailable, take all measures required to prevent young children from gaining access to the pool until the cover has been repaired.

Any person carrying out work on the electrical parts must be qualified and they must comply with the manufacturer's instructions in addition to the applicable standards and regulations.

During any intervention, the technician must wear PPE (personal protective equipment): gloves, goggles, mat, etc...

We recommend that the installation be disconnected from the power prior to any intervention taking place.

USE

- The presence of only one person is needed to operate the cover.
- Closure: about 3 minutes to close the cover and 30 seconds to close the locking kits (for a 5 x 10 m pool) - For Rollinside, 3 minutes with 120 Nm motor.
- Opening: about 30 seconds to release the locking kits and 3 minutes to open the cover automatically (for a 5 x 10 m pool) - For Rollinside, 3 minutes with 120 Nm motor.
- The use of a water level regulator is essential. The water level must be compliant with the instructions.
- Never place products that were not designed for the purpose on slat covers, as this may buckle the slats.
- Never leave objects on the cover (towels, buoys, etc.) because, in direct sunlight, the slats would locally expand and the warranty would be void.

WATER LEVEL IN POOL

- In order to ensure maximum safety and correct operation of the rewinder, always check that the water level in the pool remains constant and complies with the manufacturer's requirements (for greater comfort, use an overflow and a water level regulator).
- A water level that is too high is due to the overflow being obstructed by leaves or other items.
- A water level that is too low means that there is a risk of blockage.
- In case of a recess or a handrail, the water level must be controlled by a level regulator.

WATER FILTRATION AND TREATMENT

- Programme filtration to take place at a time when the sun is shining on the pool and ensure that it is set to work all the time when the water reaches 25°C.
- In order to ensure that your installation will last, the water in the pool must be correctly treated in compliance with the applicable standards and recommendations (NF EN 16713-3).
- The pH, hardness and alkali levels of the water must be checked and adjusted as often as is necessary (although you will need to ensure that you don't correct these three parameters independently of each other but do so using the Taylor table and provide the water with balance with regard to the three parameters analysed).

AUTOMATIC SLATTED COVERS

USE, CARE, MAINTENANCE

SERVICING (customer's responsibility)

- Carry out a deep clean of the apron twice per year (the first time in the year it is used and prior to overwintering). This is even more important if the water in the pool is hard. In this case, use a descaling cleaning product (see catalogue) and rinse using a hose.
- It is best to inspect the entire system if the cover is forced to bear unexpected weight at any time (fall).
- Carry out an annual check of the straps.
- Do not wash the IPE decking with a pressure washer, we advise you to clean them regularly using water and a non-metallic brush.
- Decking: Please clean the decking regularly to prevent it from becoming slippery. If the decking becomes slippery, remove it and clean it mechanically.

SOLAR VERSION

At the first sign of the batteries losing power, recharge them.

NEVER LET THE BATTERIES LOSE THEIR CHARGE COMPLETELY.

Connect the batteries to the charger (check the polarity). Plug the charger in. It will switch on automatically to the correct voltage and the charging process will begin. The red LED shows that charging is underway. When the charge is complete, the red LED will be switched off and the batteries are then powered by a maintenance charge (see charger instructions).

Precaution: Keep your charger in a dry place. Do not recharge the batteries close to the pool, but instead do so in a dry place.

Minimum recharging time: 48 hours.

OVERWINTERING

- Overwinter the pool in the best way with regard to its geographical situation.
- Close the cover into the safety position without reducing the water level.
- If the water level falls and leaves the white goods out of the water, roll up the cover and make the pool safe using an overwintering safety cover.
- For versions with a dry box: remove the geared motor, grease the hollow stainlesssteel shaft and store it in a dry and well aired location. Lock the system using the crank supplied as an option.
- We recommend the installation of an Ivernea or Ivernea Plus overwintering cover to protect the apron from UV rays and dirt.

MAINTENANCE (once per year minimum)

All interventions must be carried out by a professional, who will contact the manufacturer if necessary.

- All spare parts must come from the manufacturer or comply with standard NF P90-308.
- Check that the installation is working correctly.
- Inspect the cover thoroughly.
- It is necessary to check at the start of every season and if any accident has occurred (if anything has fallen onto the cover, if hail has struck the cover, if the cover has had to bear any abnormal weight etc...) ensure that none of the slats has sustained any visible damage that may affect the safety of the cover (cracked slats, holes, deformations, etc...). Make sure that you change the slats or the entire apron if required.
- In winter as in summer, do not place an opaque sheet over the cover: this may damage the slats due to high temperatures.
- Check the state of the straps (seams) and in particular the wear on the anti-abrasion protection. If the latter is no longer fulfilling its role of protecting the strap against abrasions from the pool rim, then replace it.
- Once a year, check that the electrical connections are sufficiently tight.
- Customer service: contact details on back page of document

ORDER FORM

- For the cover to be correctly fitted to the pool it is essential to supply a drawing of the pool with measurements taken every metre at the water level.

SAFETY ADVICE

- Winter the pool depending on its geographical location: without lowering the water level, close the cover in the safety position and eventually install a winter shift to protect the cover.
- If the water level is dropped, put the wall units above the water line, roll the cover and secure the pool using a winter safety cover.

INFO

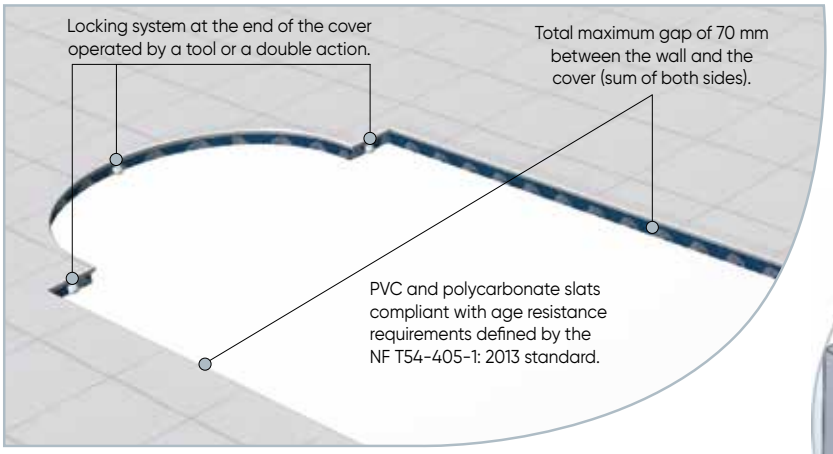
The DEL Rollinside, Rollenergy Evolution, Rollin, Rollfit, Tixit, Moon, Contura, Rollover, Rolleasy 2, CF Alu serie, Pure serie and Moove'O covers are not a substitute for common sense nor for personal liability.

Their purpose is not to be a substitute for the vigilance of parents and/or responsible adults, which remains the essential factor in the protection of young children. The automatic covers are safety covers designed to prevent children under 5 years old from accessing the pool. A child can drown in under 3 minutes, no type of protective measure can replace the monitoring and vigilance of a responsible adult.

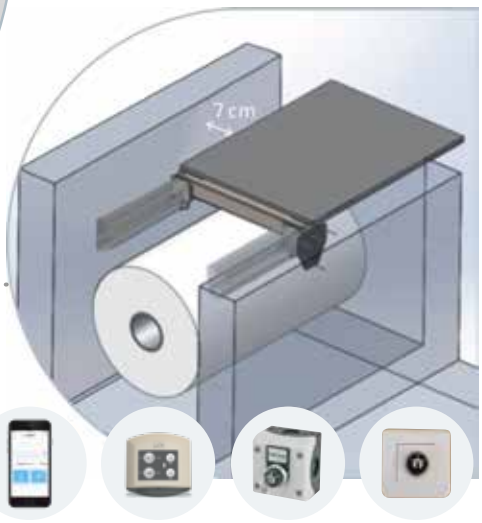
AUTOMATIC SLATTED COVERS

NF P90-308 SAFETY STANDARD

AUTOMATIC SLATTED COVER STANDARD



ROLLINSIDE



See Rollenergy Evolution for a cover with a tubular motor.
See Rollin for a cover with a dry pit.

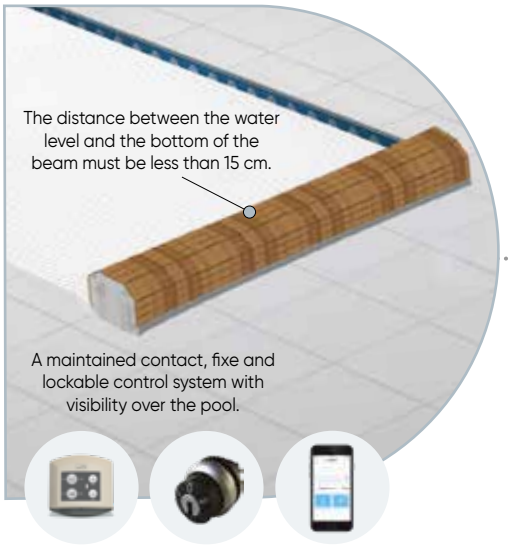
ABOVE-GROUND AND MOBILE



ROLLENERGY EVOLUTION* - ROLLIN*



ROLLOVER



For a Rollover, there is no locking system system on the tube side because the casing prevents access to the pool. The locking kits are therefore fitted on the opposite side to the reel system similarly to automatic slatted covers.

***DECKING:** If the decking is not supplied by DEL, you are responsible for its compliance. The use of non compliant decking makes the entire installation non compliant. For the decking to comply with the NF P90-308 standard, DEL recommends:

- The use of class 4 timber with a minimum service life of at least 3 years.

  For example: Teak, Doussie, Merbau, Moabi, Padouk or Robinia for non treated timbers and Scots pine or pinus pinaster for treated timber.
- The minimum force needed to lift decking must be 5 kg. The minimum weight of each element must be 11 kg. If this is not the case, the decking must be fixed and only removable using a tool.
- The minimum space between the slats must be less than 7 mm, to prevent fingers etc. from getting stuck between them.
- To prevent corrosion risks, all fastenings should be A4 stainless steel.

BAR COVERS

IN-GROUND POOLS

MANUFACTURING INFORMATION

The cover is manufactured in a rectangular shape, whatever the pool shape (straight cut corners possible on request).
It is delivered with its fitting system for concrete or wood coping (to be indicated on the order form).

SHAPES

1/ STANDARD POOL SHAPE



2/ COVER WITH STRAIGHT CUT CORNERS

Cover with straight cut corners in the corners.

Contact us for technical feasibility.
Extra cost: + 20 %.



3/ FREE-FORM SHAPE

Rectangular cover with the pads placed depending on the pool shape.

Contact us for technical feasibility.
Extra cost: + 20 %.



FOR PREMIUM COVERS

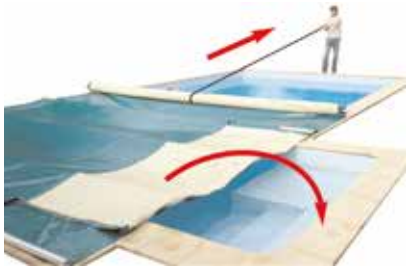
For steps located on the length, an aluminium bar called a "Coping replacement bar" is shipped with the cover. It is used to hold the bars to the base of the step.

The stair is attached to the main cover and is stretched using elastic straps.

The measurement between the coping is to be indicated on the order form.

Max. stairs dimensions: 4.00 x 2.00 m.







NF P90-308 SAFETY STANDARD

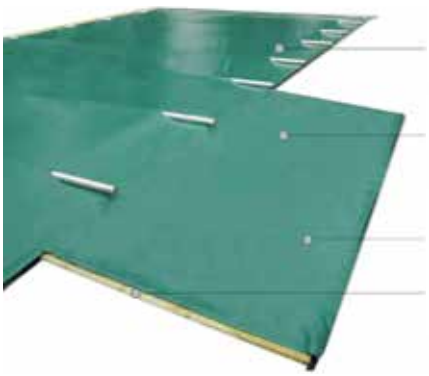
The French January 3rd 2003 Act covering pool safety is intended to prevent the risks of young children drowning in pools.

This legislation imposes the installation of a standardised system:

- Since January 1st 2006, all other existing pools must be fitted with a safety system. This concerns open air, in-ground or partially inground private pools for individual or community use.

The bar cover is certified by the French Test Laboratory to be compliant with the requirements of the NF P90-308 standard
The standard concerns manufacturers and directly involves installers and users.

The standard defines the contents of the installation, user, care and maintenance instructions and the safety recommendations which must imperatively be supplied to the end customer to be read and kept available for future use.



INFO

For the cover to be compliant:
- It must have an overlap of at least 20 cm around the entire border of the pool.
- There must be no variation in the coping height.

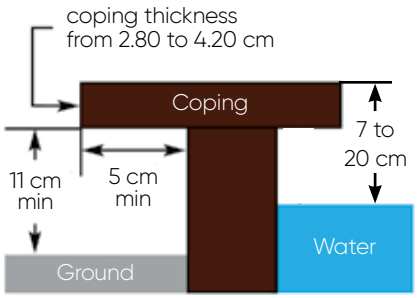
BAR COVERS

ABOVE-GROUND POOLS

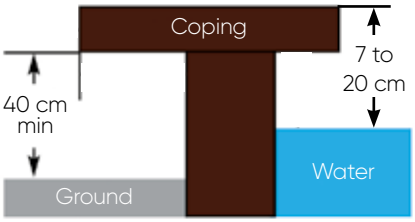
MANUFACTURING INFORMATION

- The pool coping must be flat.
- Provide for 11 to 40 cm available under the coping (depending on the model).
- The coping should be between 2.80 and 4.20 cm thick and overlap towards the outside by at east 5 cm (for the Premium B -2.0 model).

Caution: non removable ladder cuts cannot meet the requirements of the standard.

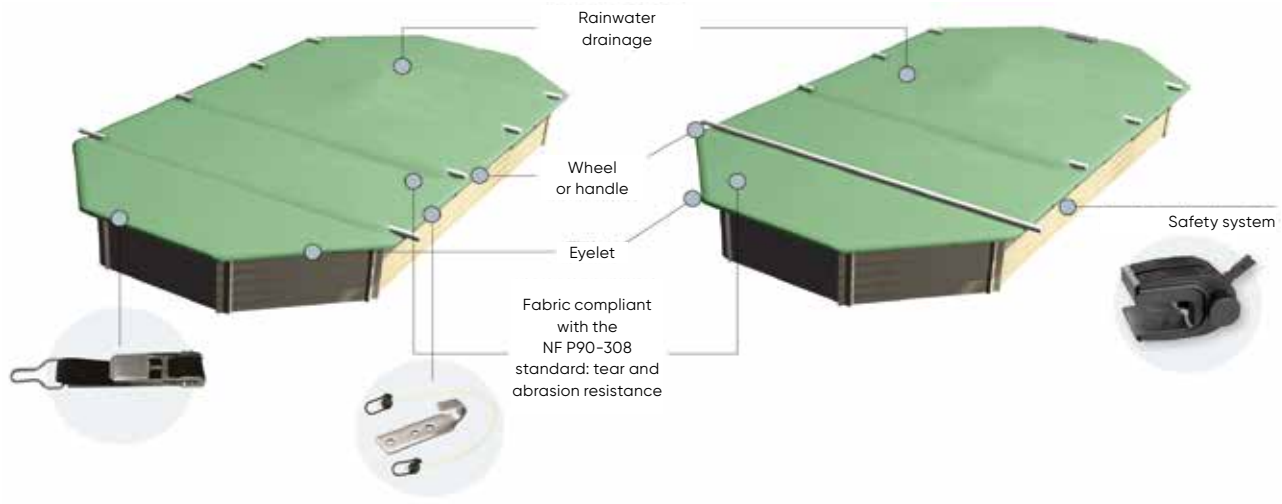


PREMIUM B-2.0 bar cover



CLASSIC B-1.0 bar cover

FOR BAR COVER COMPLIANCE WITH THE NF P90-308 STANDARD



NF P90-308 SAFETY STANDARD

The French January 3rd 2003 Act covering pool safety is intended to prevent the risks of young children drowning in pools. This legislation imposes the installation of a standardised system:

- Since January 1st 2006, all other existing pools must be fitted with a safety system. This concerns open air, in-ground or partially inground private pools for individual or community use.

The Classic (B-1.0) and Premium (B-2.0) bar covers are certified by the Test Laboratory to be compliant with the safety requirements of the NF P90-308 standard. The standard concerns manufacturers and directly involves installers and users.

The standard defines the contents of the installation, user, care and maintenance instructions and the safety recommendations which must imperatively be supplied to the end customer to be read and kept available for future use.

BAR COVERS

SAFETY, WINTERING, CARE AND MAINTENANCE

INTRODUCTION

The French January 3rd 2003 Act covering pool safety is intended to prevent the risks of young children drowning in pools. This legislation imposes the installation of a standardised system:

- Since January 1st 2006, all other existing pools must be fitted with a safety system. This concerns open air, in-ground or partially in-ground private pools for individual or community use.

The winter covers are certified by a Test Laboratory to be compliant with the requirements of the NF P90-308 standard. The standard concerns manufacturers and directly involves installers and users.

The standard defines the contents of the installation, user, care and maintenance instructions and the safety recommendations which must imperatively be supplied to the end customer to be read and kept available for future use.

SAFETY NOTICE

This cover is not a substitute for common sense or personal responsibility. The purpose of this cover is not to replace the vigilance of parents and/or responsible adults, which remains the essential factor for the safety of young children.

- Be aware that safety is only achieved with a closed, locked and correctly installed cover in compliance with manufacturer instructions.
- The cover must be systematically unrolled even in the event of temporary absence from the home.
- It is essential to check that there are no bathers or foreign bodies in the pool before and during the operation, and to stow the tools required to operate the cover out of the reach of children.
- The operation of the mechanism should only be undertaken by a responsible adult.
- It is forbidden to climb, walk or jump on a safety cover.
- If a malfunction preventing the closure and securing of the pool is discovered, or if the pool equipment is temporarily unavailable, take all measures required to prevent young children from gaining access to the pool until the cover has been repaired.
- A child can drown in under 3 minutes, no type of protective measure can replace the monitoring and vigilance of a responsible adult.

WINTERING

- Close the cover.
- For correct operation, the water level must be between 7 and 20 cm below the coping and between 7 and 15 cm for Coverkit cover.
- Regularly clear snow off the cover. The installation of a "snow kit" is recommended. Caution, with the installationof the snow kit a layer of snow more than 20 cm thick on the cover will lead to a high risk of permanent damage to your installation (bent bars).
- In the event of high winds (< 90 km/h), the use of a "high wind kit" with a cable built into the bar is recommended. If the wind is stronger than 90 km/h, weigh down the cover using water bags or sandbags. Caution, for windy regions (winds ≥ 70 km/h): the installation of Classic B-1.1 or Easy B-2.4 (no anti-lift straps) models is not recommended.

CARE (CUSTOMER RESPONSIBILITY)

- Correct care of the safety bar cover is the best guarantee of a long service life.
- Regularly clean the cover using a hose to prevent leaves from collecting and rotting on it.
- Do not use abrasive products or solvents to clean the cover.

MAINTENANCE

- All work must be carried out by a professional who will contact the manufacturer if necessary. All spare parts must be original or compliant with the standard.
- At the start and end of wintering, and if an accident occurs, regularly check the condition of the cover (levers, anchors, antiabrasion pads fixed under the cover; seams, welds, aluminium profiles, etc.). In the event of damage, replace the defective parts. In windy areas, special care should be taken as to abrasion of the cover on the coping.

VERY IMPORTANT REMINDER

No protection systems can replace your constant and active vigilance! Never let children access the pool alone nor leave them alone, even for a few moments.

INFO

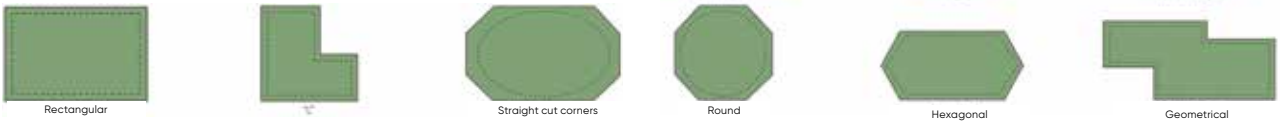
Please read carefully and keep in a safe place for future use.
"Classic (B-1.1), Classic Above-ground (B-1.0), Premium (B-2.1), Premium Universal (B-2.2), Premium Color (B-2.3), Premium Easy (B-2.4), Premium Above-ground (B-2.0) and Coverkit are four season safety covers for pools designed to prevent access to children under 5 years old". These products comply with the NF P90-308 standard. They are not a substitute for common sense or personal responsibility. Their purpose is not to be a substitute for the vigilance of parents and/or responsible adults, which remains the essential factor in the protection of young children. A child can drown in under 3 minutes, no type of protective measure can replace the monitoring and vigilance of a responsible adult. **Warranty**: 3 year full warranty for all models for wear on the coping and the bending of the bars in the event of overloading and 1 year for the handle and the ratchet locking systems in accordance with our general sales terms and conditions. **Limits to use:** not suitable for infinity pools (all models) and windy regions (wind ≥ 70 km/h) (Classic Coverkit & & Easy B-2.4 models). Model B-1.1: pool 5 m wide and maximum 12 m long, Coverkit cover: pool 4 m wide and maximum 12 m long; other models: pool 5.50 m wide and maximum 12 m long. **Operating time:** unrolling the cover requires 1 person and takes about 3 minutes. **Use:** year round. **Wintering:** for correct operation, the water level must be between 7 and 20 cm and 7 and 15 for Coverkit cover below the beach or coping. Fit the wintering floaters diagonally and fit skimmer anti-freeze systems. Add wintering products before installing the cover. **Packing list:** 1 box size 35 x 30 x 59 cm. Weight 80 kg for a 5 x 10 m pool (excluding coverkit). **Order form:** to obtain a compliant safety cover for your pool it is essential to fill in the corresponding order form. **Manufacturer / Dealer:** CF GROUP - DEL SAS - Phone: +33 2 99 00 25 62 - E-mail: export@cf-group - www.my-cfgroup.fr

WINTER COVERS

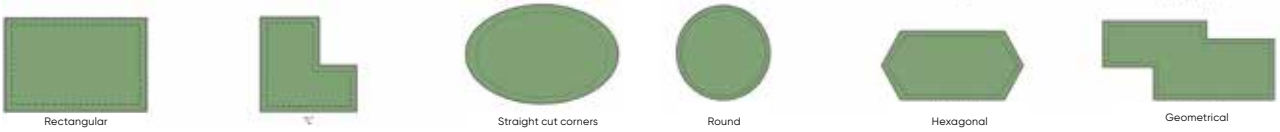
COVER SHAPES DEPENDING ON THE POOL

SAFETY COVER SHAPES DEPENDING ON THE POOL SHAPE

DEL SAFETY COVERS (LAKE & SUPERGREEN & INITIAL)



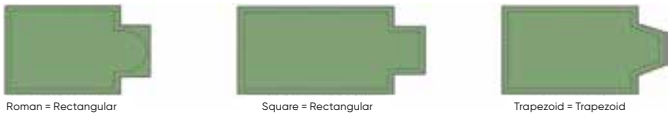
DEL SAFETY COVERS (COVEA)



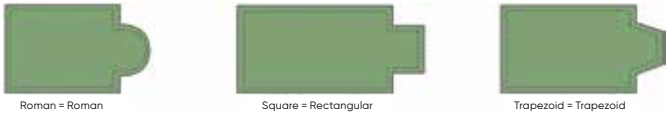
INFO

For the cover to be compliant:
• It must have an overlap of at least 20 cm around the entire border of the pool.

DEL SAFETY COVERS (LAKE & SUPERGREEN & INITIAL) WITH STAIRS



DEL SAFETY COVER (LAKE & COVEA) WITH STAIRS



INFO

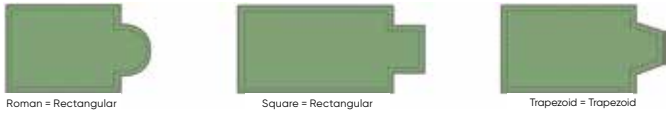
For the Lake cover with a roman stair, please note if the cover should be made with a rectangular shape or another shape.

NON-SAFETY COVER SHAPES DEPENDING ON THE POOL SHAPE

NON-SAFETY COVERS



STAIRS



WINTER COVERS

TECHNICAL REMINDERS

INSTALLATION ADVICE

• Cover position on the pool:

- Place the box in the centre of one of the two pool widths.
- On the coping, unroll the cover along the entire length and position it by balancing the overlaps on either side.
- Lay the cover out over the pool, taking care to hold it in the corners using heavy objects.
- Check that the reinforcements are correctly positioned on the coping to prevent abrasion wear.
- If the cover is rectangular, fix the corners first. Otherwise, temporarily spread the loads around the edges.

• Cover fixture:

- Drill 6 mm holes in each corner (the anchor diameter is 6 mm) at between 35 and 50 cm from the edge of the cover and about 7 cm deep.
- Stretch a cord between the end drill holes to align the holes. Position the holes in the exact prolongation of the transverse and lengthways eyelets.

• Install the cover and adjust the tension by balancing the pull between the attachment points.

TECHNICAL REMINDERS

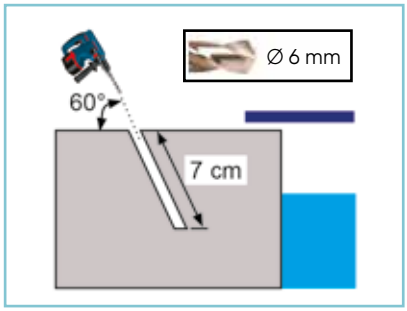
- Fixing point, attachment point and fittings quality are essential to safety. If you choose elastic straps, remember to replace them regularly.
- In snowy regions, use supporting wires. Do not let snow accumulate.
- Anchoring is selected depending on the pool size: for pool bigger than 5 x 10 m, always prefer springs.
- Opaque replacement cover: the Jocca attachment is the ideal solution thanks to its multiple adjustments.
- For strap covers: the straps are sewn under the cover, they support the cover.
- Stairs reinforcements on the opaque cover with anchoring and safety tension delivered with a foam reinforcement to protect them from the coping edges.

INFO

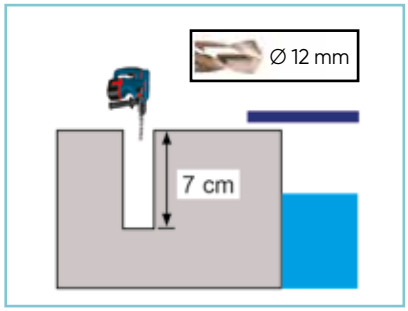
For the cover to be compliant: It must have an overlap of at least 20 cm around the entire border of the pool.

OPAQUE COVER AND DEBRIS

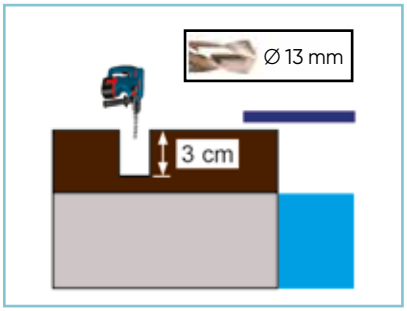
P EVOLUTION ANCHOR



CONCRETE ANCHOR



WOODEN ANCHOR



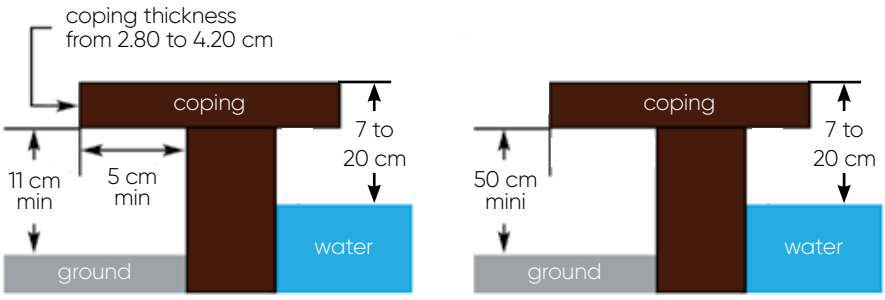
PRO HINT

It is imperative to respect the drilling diameter. Make sure that all the springs are correctly stretched!

MANUFACTURING INFORMATION: ABOVE-GROUND POOLS

- The pool coping must be flat.
- Provide for 11 to 50 cm available under the coping (depending on the model).
- The coping should be between 2.80 and 4.20 cm thick and overlap towards the outside by at east 5 cm (for the Lake above-ground model).

Caution: non removable ladder cuts cannot meet the requirements of the Standard.



Lake cover

Covea cover

INFO

Find out all the elements relative to the NF P90-308 standard on next page.

WINTER COVERS

NF P90-308 SAFETY STANDARD

INTRODUCTION

The French January 3rd 2003 Act covering pool safety is intended to prevent the risks of young children drowning in pools. This legislation imposes the installation of a standardised system:

- Since January 1st 2006, all other existing pools must be fitted with a safety system. This concerns open air, in-ground or partially inground private pools for individual or community use.

The winter covers are certified by a Test Laboratory to be compliant with the requirements of the NF P90-308 standard. The standard concerns manufacturers and directly

involves installers and users.

The standard defines the contents of the installation, user, care and maintenance instructions and the safety recommendations which must imperatively be supplied to the end customer to be read and kept available for future use.

SAFETY ADVICE

- Be aware that safety is only achieved with a closed, locked and correctly installed safety cover in compliance with manufacturer instructions.
- It is forbidden to climb, walk or jump on a safety cover.
- If a malfunction preventing the closure and securing of the pool is discovered, or if the pool equipment is temporarily unavailable, take all measures required to prevent young children from gaining access to the pool until the cover has been repaired.

PRECAUTIONS FOR USE

Regularly check that the cover or the fitting system elements are not damaged. If this were to be the case, contact your pool professional as quickly as possible to have the defective parts repaired or replaced. Pools fitted with a winter safety cover must imperatively be fitted with an overflow.

If snow accumulates on the cover, clear the snow away to remove the load.

If leaves or dirt fall onto the cover, remember to unblock the debris to prevent water pockets from forming. Do not lower the water level when wintering.

For correct operation, the water level must be between 7 and 20 cm below the coping.

WHEN OPENING THE POOL

- Clean and dry the cover. Store it in a dry location.
- Clean the anchor drill holes.

CARE

Correct care of the winter safety cover is the best guarantee of a long service life.

- Regularly clean the cover using a hose to prevent leaves from collecting and rotting on it.
- Do not use abrasive products or solvents to clean the cover.

MAINTENANCE

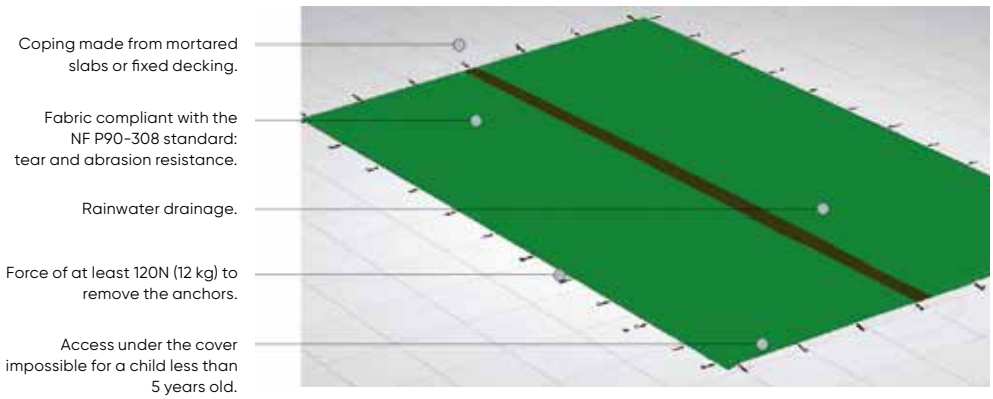
All maintenance work must be carried out by a professional who will contact the manufacturer if necessary.

All spare parts must be original or compliant with the standard.

- Regularly inspect the entire cover (attachment tension, weld and eyelet condition, etc.)
- At the start of each winter and if there is an accidental event (fall onto the cover, snow, etc.) check that the cover, the welds and the attachments are in good condition.
- In windy areas, special care should be taken as to abrasion of the cover on the coping.

VERY IMPORTANT REMINDER

ELEMENTS REQUIRED FOR THE COVER TO BE COMPLIANT WITH THE NF P90-308 STANDARD



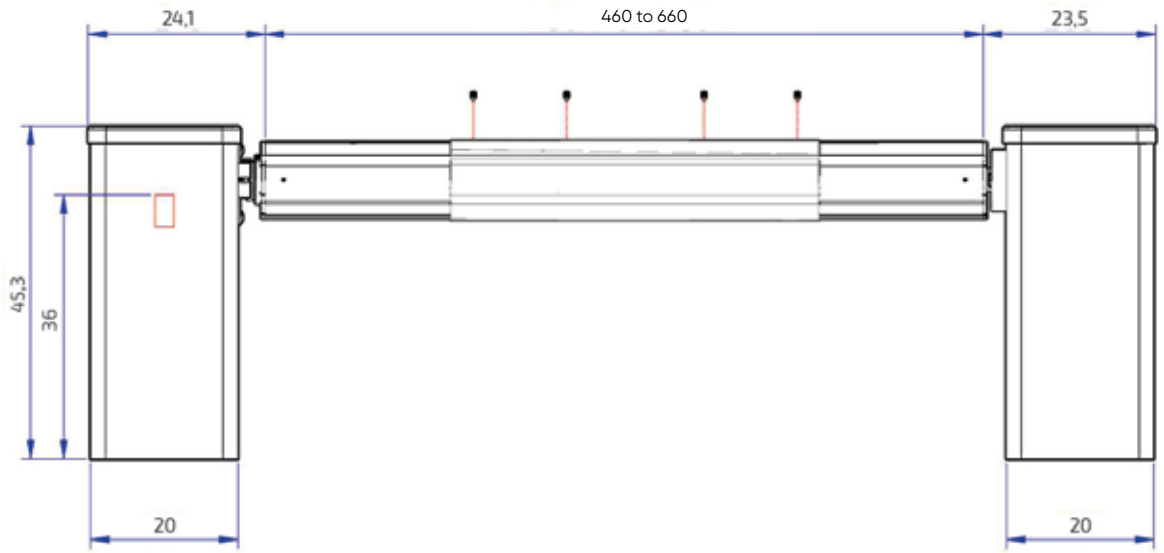
- If lawn poolside: create concrete blocks 20 x 20 x 30 cm in size to fix the anchoring.

INFO

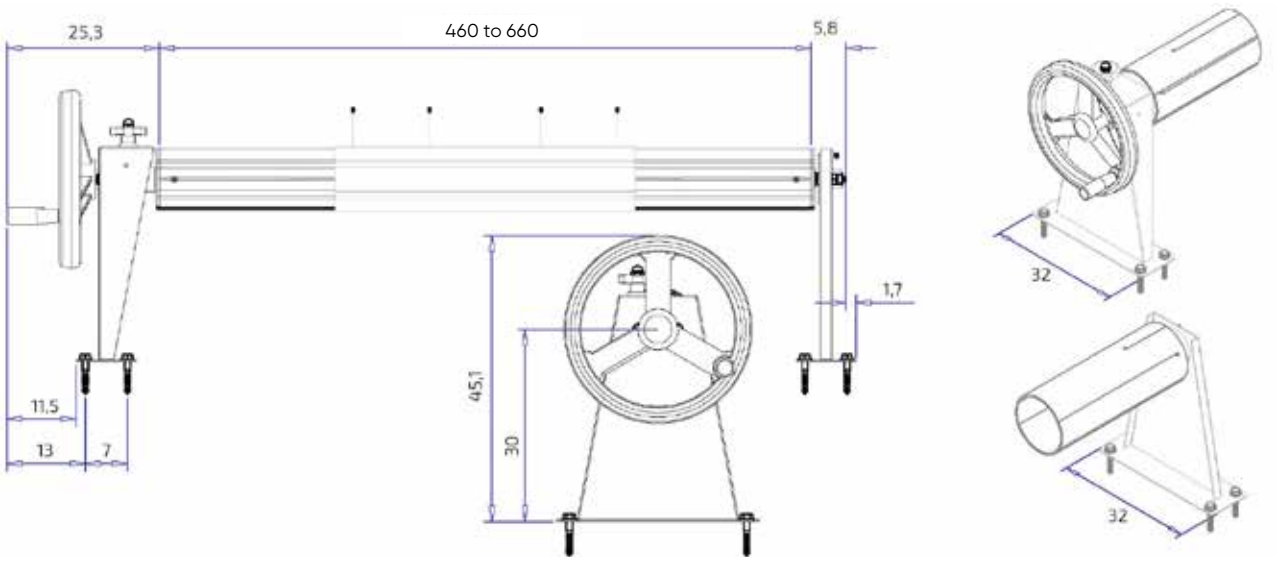
Please read carefully and keep in a safe place for future use.
"The Lake, Covea, Initial and Supergreen covers with safety fittings are pool winter safety covers designed to prevent children under 5 years old from accessing the pool". A child can drown in under 3 minutes, no type of protective measure can replace the monitoring and vigilance of a responsible adult. These products comply with the NF P90-308 standard. They are not a substitute for common sense or personal responsibility. Their purpose is not to be a substitute for the vigilance of parents and/or responsible adults, which remains the essential factor in the protection of young children. **Warranty:** 3 full years except for the anchoring system and wear on the coping. **Limits to use:** According to the table p. 208-209. **Operating time:** unrolling the cover requires 2 people and takes about 10 minutes. **Use:** during the winter season (a different safety system should be used when the pool is in use). **Wintering:** for correct operation, the water level must be between 7 and 20 cm below the beach or coping. do not lower the water level during the winter period, even before installing the cover. Fit the wintering floaters diagonally and fit skimmer anti-freeze systems. Add wintering products before installing the opaque or debris cover. **Packing list:** 1 box size 80 x 60 x 35 cm for opaque winter covers and 1 box size 80 x 60 x 60 cm for debris winter covers. **Order form:** to obtain a safety cover compliant with your pool, it is essential to fill in the corresponding order form.
Manufacturer / **Dealer:** CF GROUP - DEL SAS - Phone: +33 2 99 00 25 62 - E.mail: export@cf-group - www.my-cfgroup.fr

Measurements in cm.

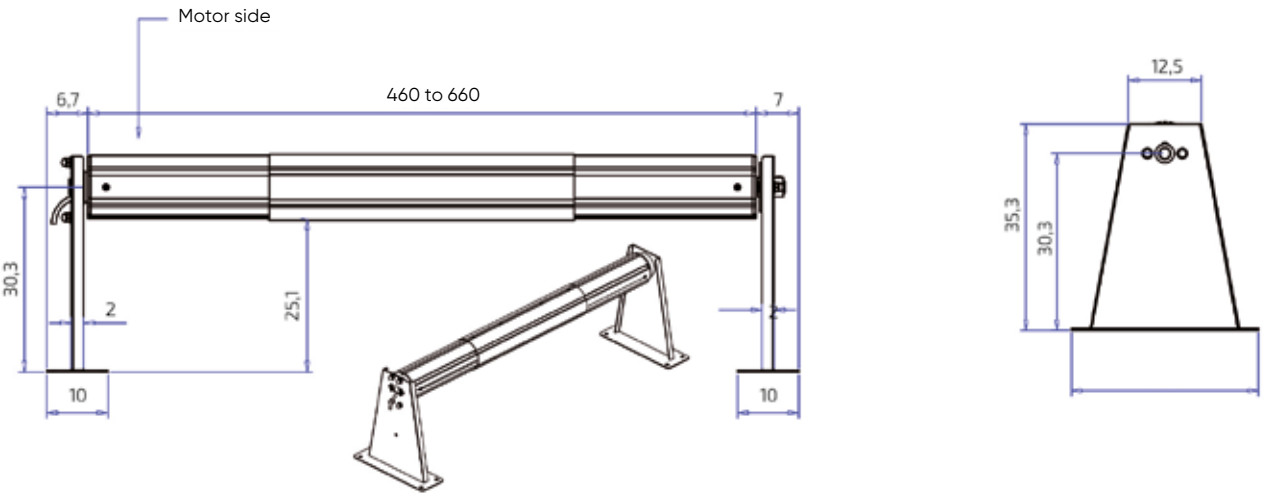
MOTORISED BORNE



MURAL MANUAL

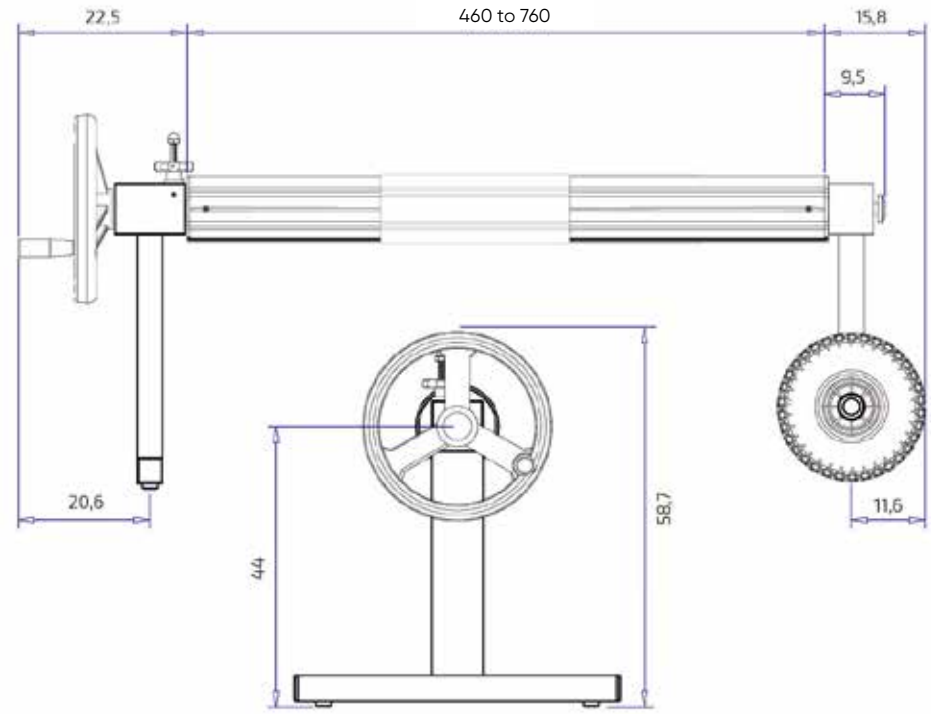


MURAL MOTORISED



Measurements in cm.

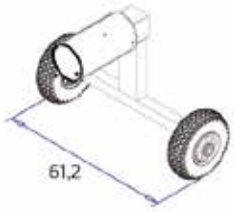
DELINOX



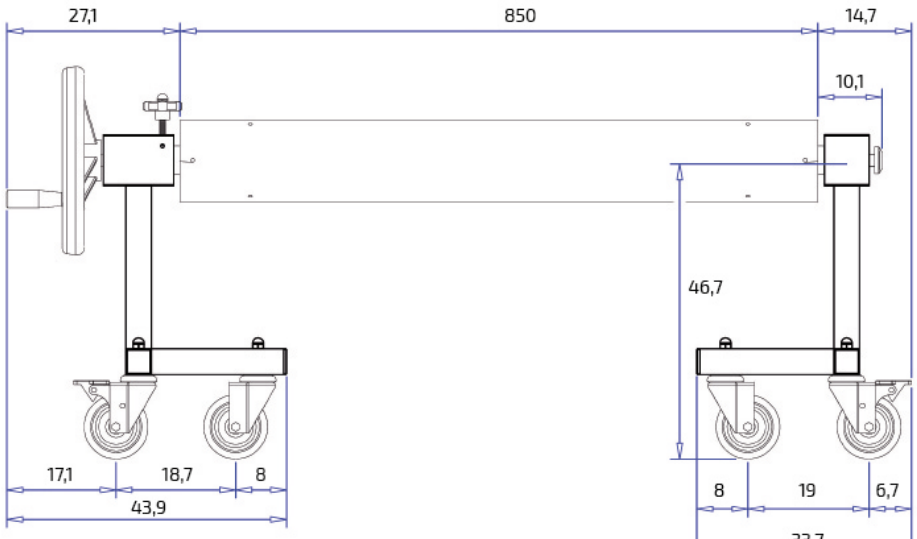
Wheel side



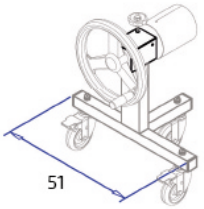
Wheels side



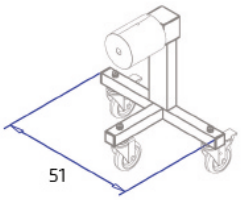
DELINOX TRIPOD WHEELS

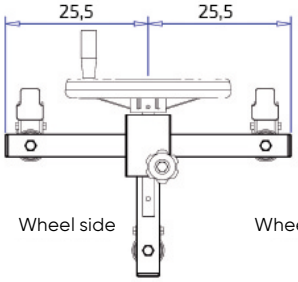


Wheel side

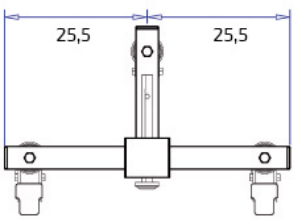


Wheels side





Wheel side

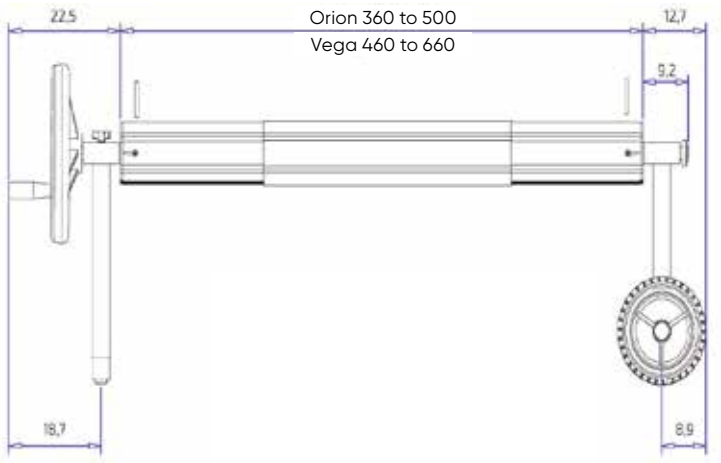


Wheels side

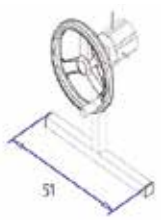
TECHNICAL LEAFLET

Measurements in cm.

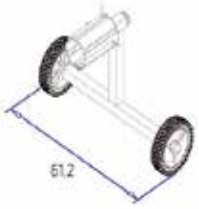
ORION / VEGA

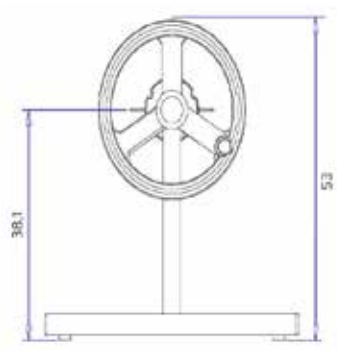


Wheel side

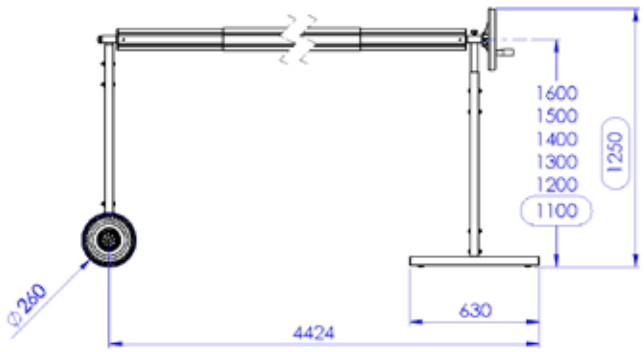


Wheels side



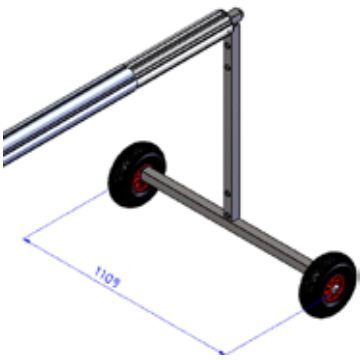


ORION / VEGA REMOVABLE MODEL

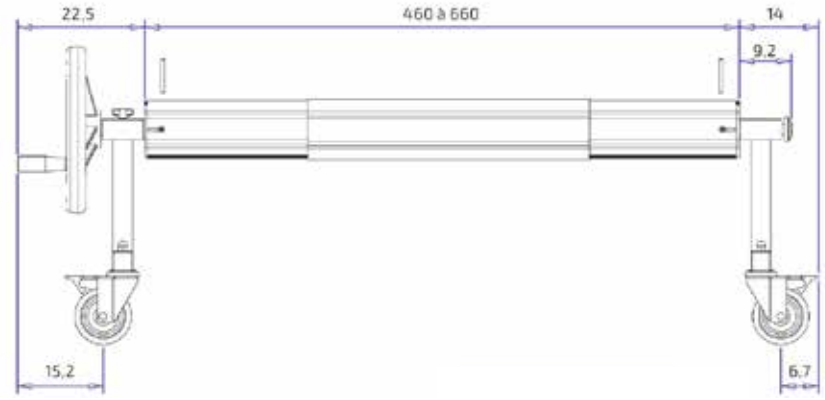


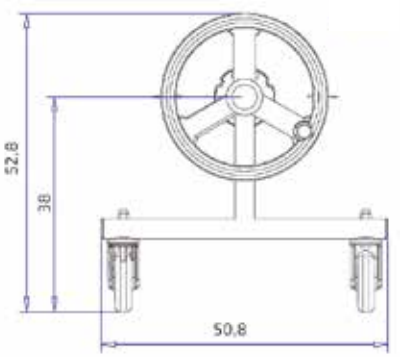






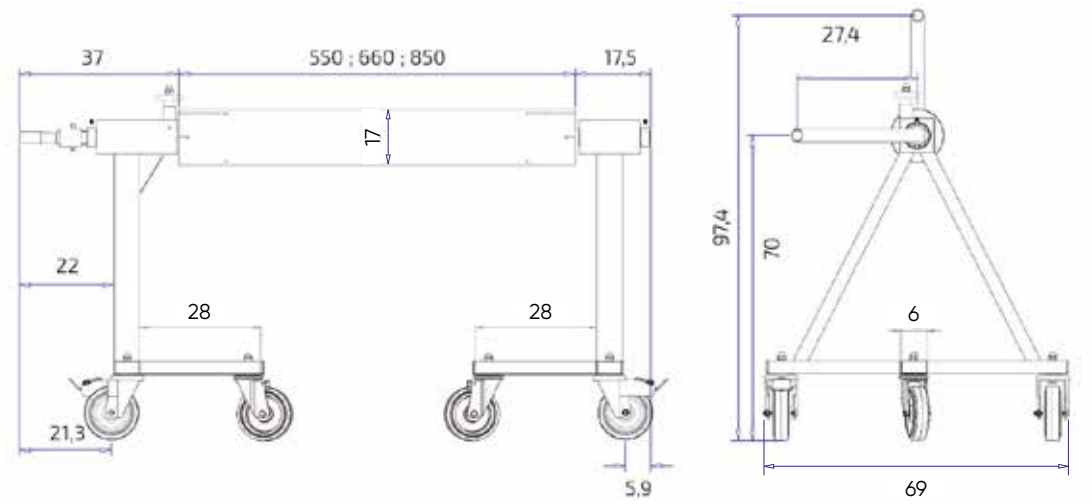
VEGA MOBILE



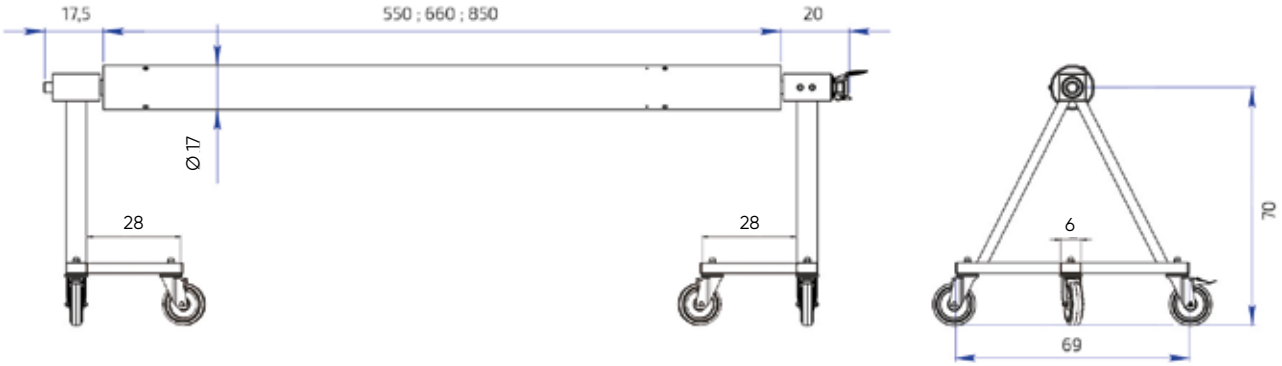


Measurements in cm.

MANUAL JUPITER 2

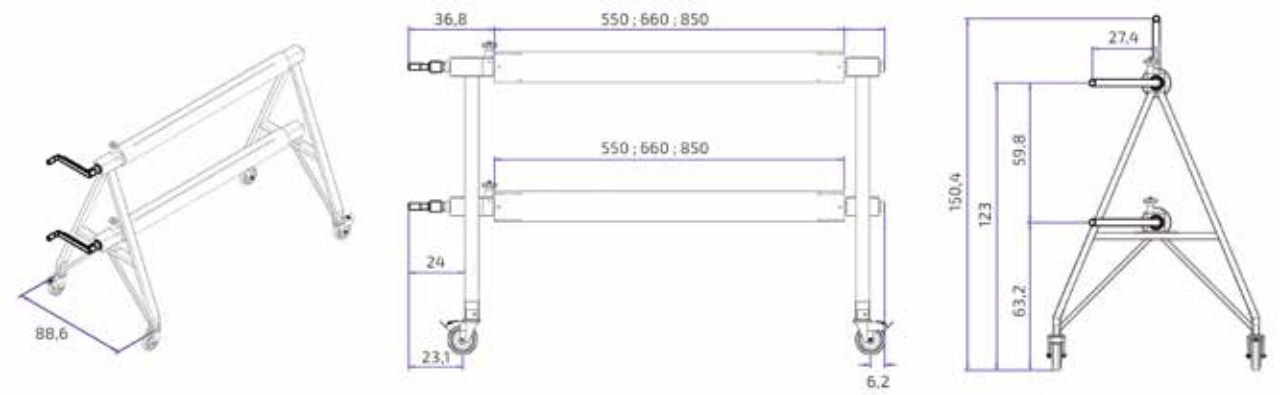


MOTORISED JUPITER 2



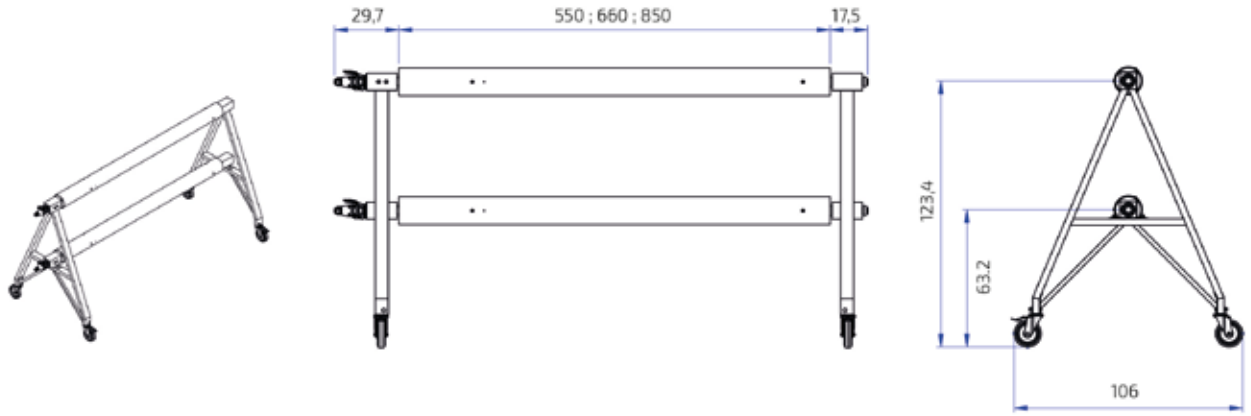
MANUAL NEPTUNE 2

Measurements in cm.



MOTORISED NEPTUNE 2

Measurements in cm.



CONTENTS

TECHNICAL LEAFLET

p. 462 **ENVIRONMENTAL EFFICIENCY LABELS**

TECHNICAL LEAFLET
WATER CARE

MEMBRANO EC DIRECT

0531-002-00



22 W
15 W

0531-004-00



29 W
15 W

0531-012-00



35 W
15 W

0531-014-00



62 W
15 W

MEMBRANO EC TANK

0531-001-00



61 W
15 W

0531-003-00



83 W
15 W

0531-011-00



101 W
15 W

0531-013-00

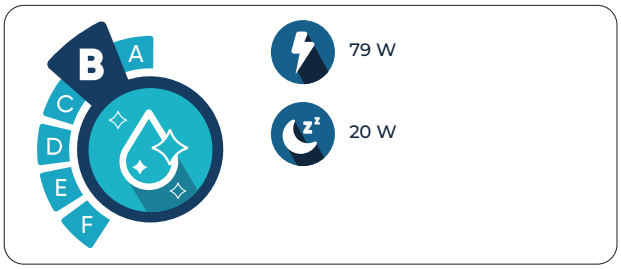


180 W
15 W

TECHNICAL LEAFLET
WATER CARE

PREMIUM ELECTROLYSIS UNIT

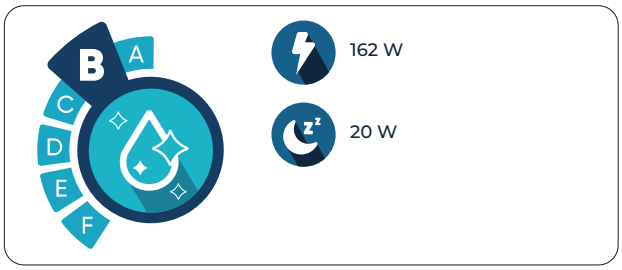
DINPREM60



DINPREM100

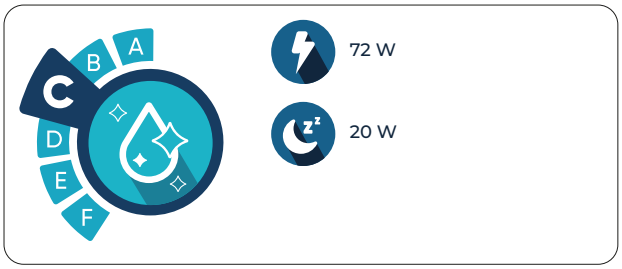


DINPREM140

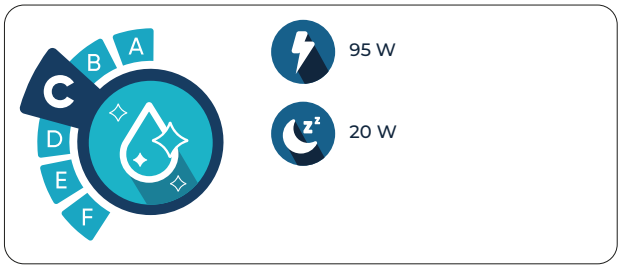


DINDUO ELECTROLYSIS UNIT

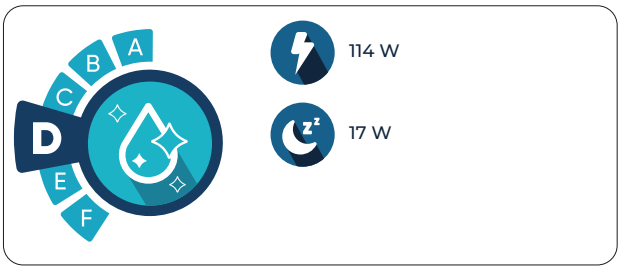
DINDUO50



DINDUO90



DINDUO120



TECHNICAL LEAFLET

WATER CARE

DINUNO ELECTROLYSIS UNIT

DINUNO50



68 W

17 W

DINUNO90



93 W

17 W

DINUNO120



114 W

17 W

DINUNOLS90



78 W

17 W

INLINE ACCESS ELECTROLYSIS UNIT

DINACC30



47 W

17 W

DINACC50



66 W

17 W

DINRX DOSING PUMP

DINRX



10 W

1 W

TECHNICAL LEAFLET
WATER CARE

PC DYNAMICS

PCDYN45OXY



9 W

5 W

PCDYN11OXY



22 W

10 W

PCDYN45



9 W

5 W

PCDYN45RX



9 W

5 W

PCDYN11



22 W

10 W

CF CONTROL 100

CFCONTROL100



11 W

7 W

NOTES



CONTENTS

TECHNICAL LEAFLET

THE ESSENTIALS

p. 468 **WHITE GOODS**

p. 472 **FILTRATION**

p. 482 **CONTROL BOXES**

p. 484 **HEATING**

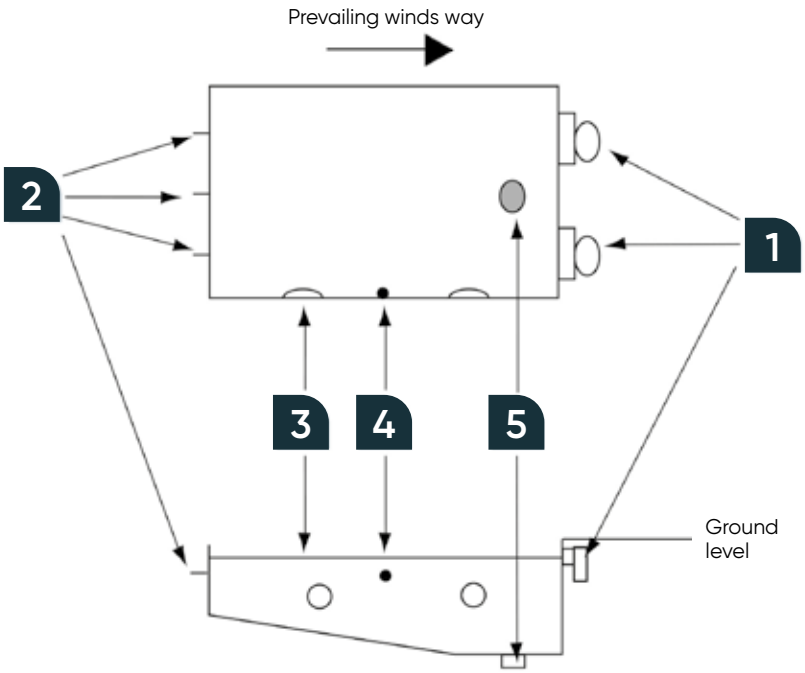
p. 388 **OUTDOOR EQUIPMENT**

p. 489 **EN 165 STANDARD**

INSTALLATION

All measurements are given from level 0 represented by the top of the wall under the coping.

The water level must be 10 cm under level 0.



1 SKIMMERS

- Flow of 6 to 10 m^3/h.
- Determining the water level, the skimmer is installed as high as possible, between 75 cm and 1 m from the corner of the swimming pool.

2 RETURN INLETS

- Flow of 4 to 6 m^3/h.
- Located between 25 and 40 cm under level 0, the return inlets will be between 75 cm and 1 m from the corner of the swimming pool.
- A third return inlet will be centered.

3 PROJECTORS

- 70 cm below level 0.
- They must be installed at one third from the edge of the pool, increasing the distance between them depending on the length of the pool. For example: 3 m, 4 m, 3 m for a 10 m pool

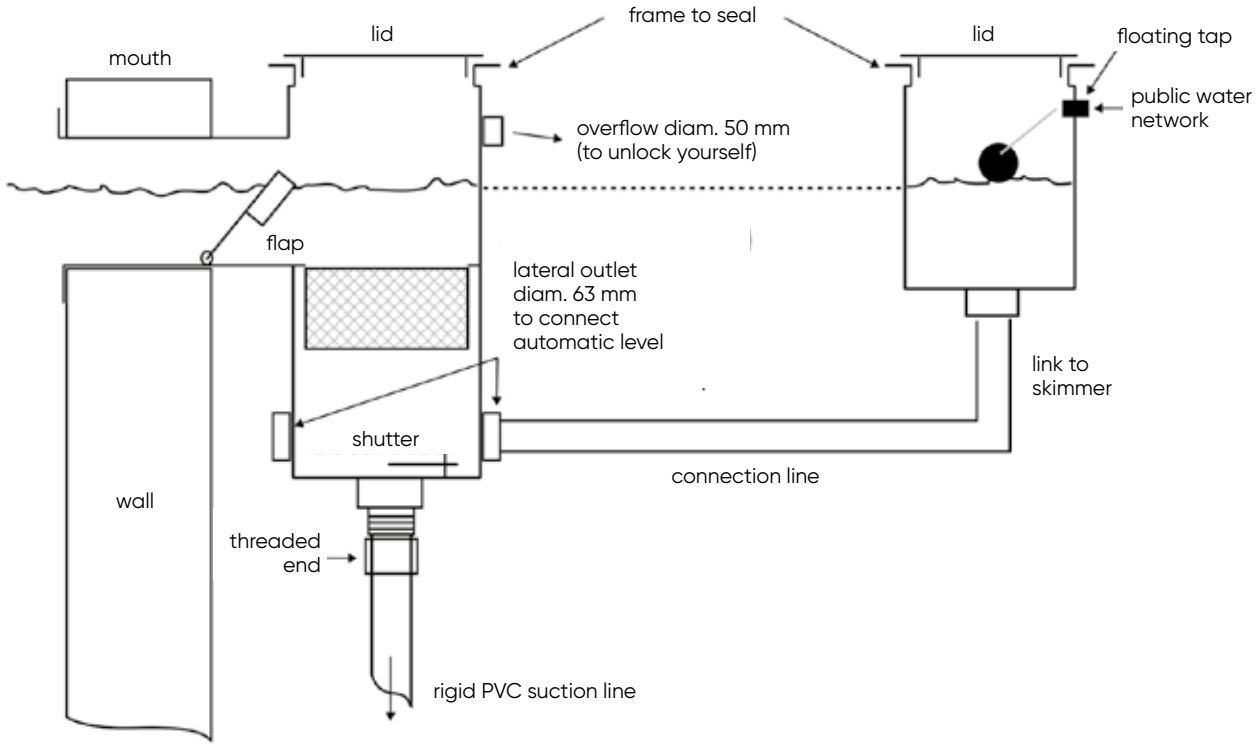
4 SUCTION INLET

- 20 cm below level 0, the suction inlet is centered on the length.

5 MAIN DRAIN

- Max. flow 8 m^3/h for size 50 ; max. 12 m^3/h for size 63.
- The main drain is located at least 50 cm away from the wall.

AUTOMATIC LEVEL



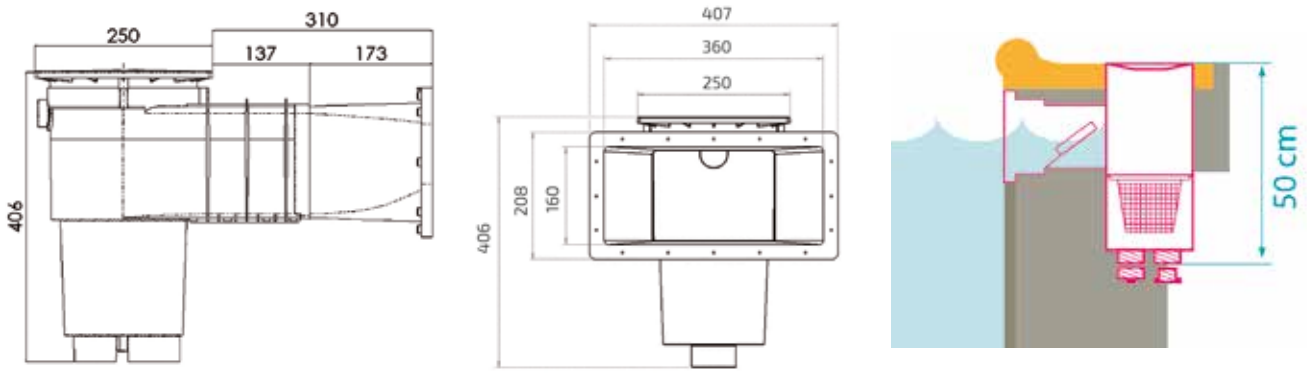
Connection to skimmer using the second side opening to unplug.

WHITE GOODS

CF PREMIUM, CF COMFORT AND CF RANGES

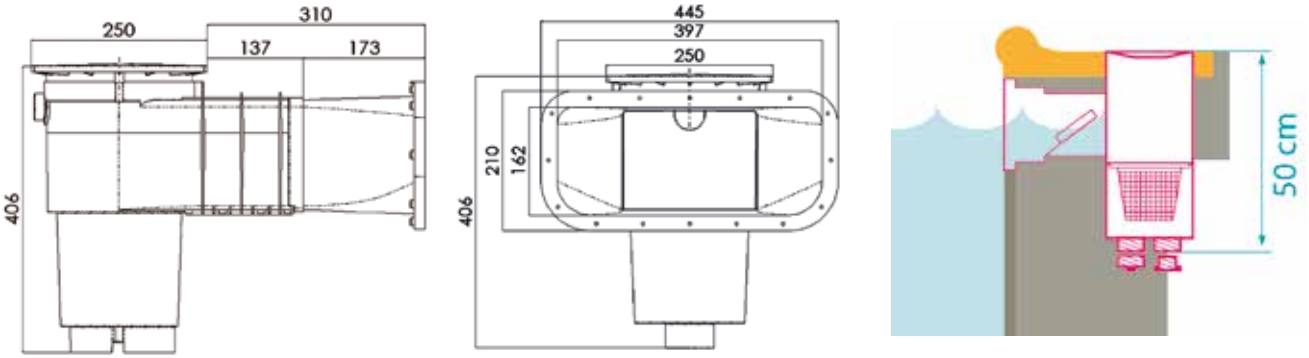
Measurements in mm.

RECTANGULAR WIDE MOUTH SKIMMER



SKLINS / SKCFLREC/SKCFBREC

WIDE MOUTH SKIMMER



SKCFL/SKCFB

MAIN DRAIN



BDFINS / BDFCFL/BDFCFB

Ø A	Ø B	Ø C	D	E	F	Ø G	Ø H
276	254	170	65	137	157	63	1"1/2

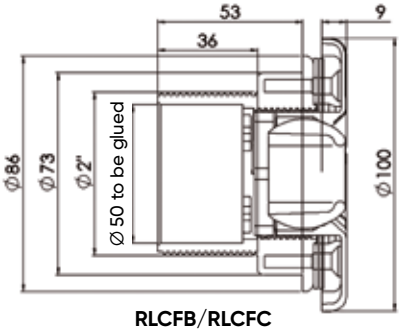
TECHNICAL LEAFLET

WHITE GOODS

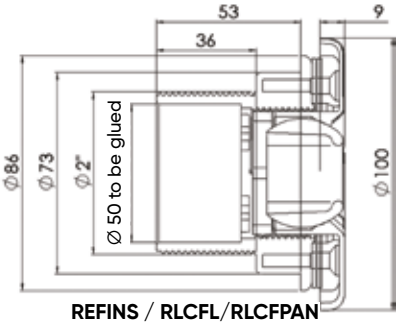
CF PREMIUM & CF COMFORT RANGES

Measurements in mm.

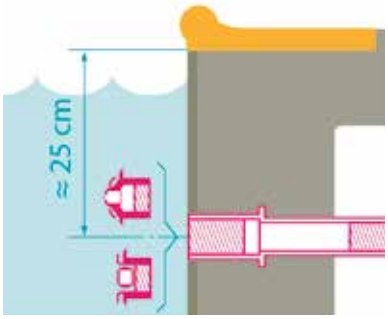
RETURN INLET



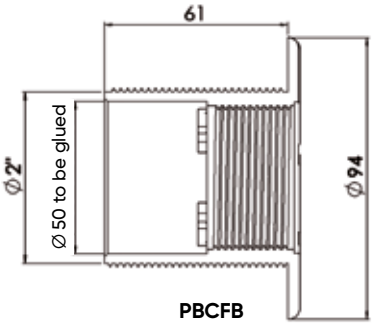
RLCFB/RLCFC
Concrete/shell version



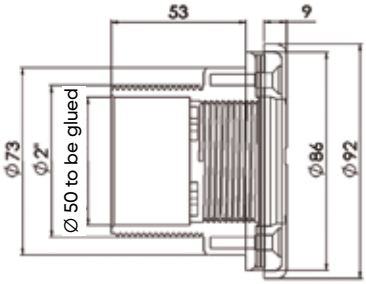
REFINS / RLCFL/RLCFPAN
Liner/panel version



SUCTION INLET

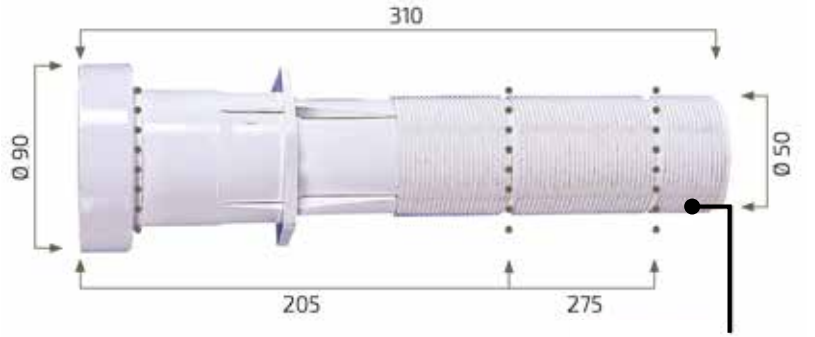


PBCFB
Concrete version



PBINS / PBCFL
Liner version

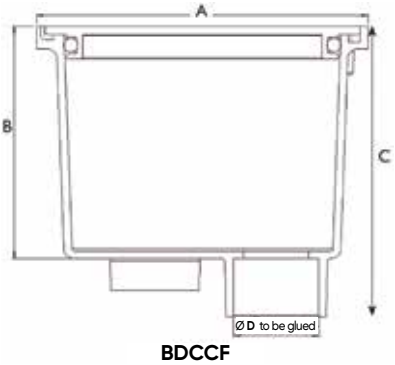
WALL CONDUITS



TMCF

ADAPTABLE

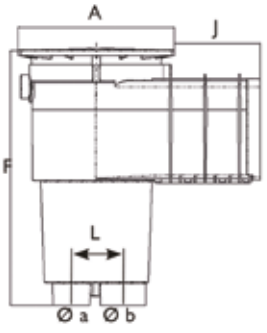
TERMINAL BOX



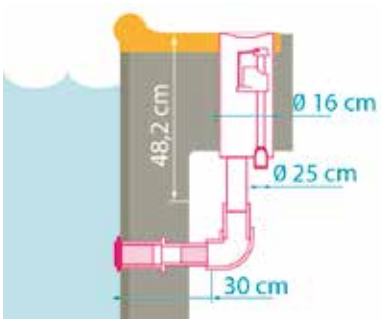
BDCCF

A	B	C	Ø D
125	89	130	32

WATER LEVEL



NIVCF



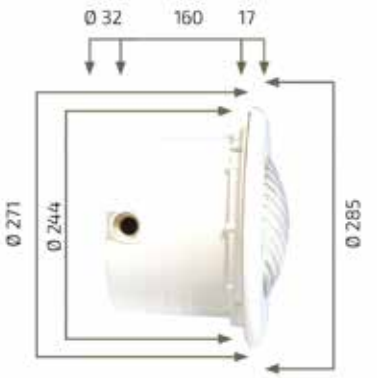
A	F	J	L	Ø a	Ø b
250	406	137	8	5	63

WHITE GOODS

CF PREMIUM & CF COMFORT RANGES

PROJECTOR CF PREMIUM AND COMFORT

Measurements in mm.



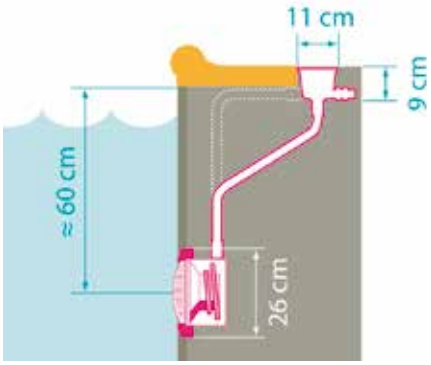
PJBLLEDINS / PJRGBLEDINS / PJCFLED

Short recess



PJCFLEDL

Long recess



PJBLLEDINS / PJRGBLEDINS



18 W

PJCFLED / PJCFLEDL



13 W

UNIVERSAL LED OPTICS

OPTCFLEDBL



13 W

CF PREMIUM BULBS

CFLPB (SPECIAL CONSTRUCTION)



18 W

CFRENOBL (SPECIAL RENOVATION)



18 W

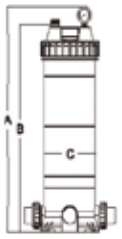
FILTRATION

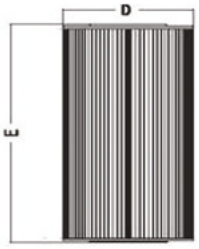
CARTRIDGE FILTERS

Measurements in mm.

CF CARTRIDGE FILTER

CF CARTRIDGE FILTER





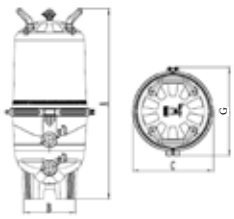
REF.	Filtration area (m²)	Connection diameter	Max. flow	A (mm)	B (mm)	C (mm)
CFFC23	9.4	2" 63 mm	22.9 m³/h	985	927	225
CFFC34	13.72	2" 63 mm	33.4 m³/h	1165	1107	225

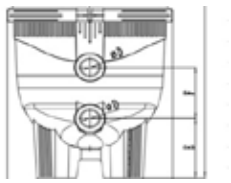
CARTRIDGES

REF.	D (mm)	E (mm)	Filtration (µm)
CVIT23	Ø 183	724.5	15
CVIT24	Ø 183	904.5	15

CF MULTI-ELEMENTS FILTER

CF MULTI ELEMENTS CARTRIDGE FILTER







REF.	Filtration area (m²)	A (mm)	B (mm)	C (mm)	G (mm)	D (mm)	E (mm)	F (mm)	E + F (mm)
CFFME22	22.3	867	430	560	616	63	220	191	411
CFFME39	39	1174	430	560	616	63	220	191	411

CARTRIDGES

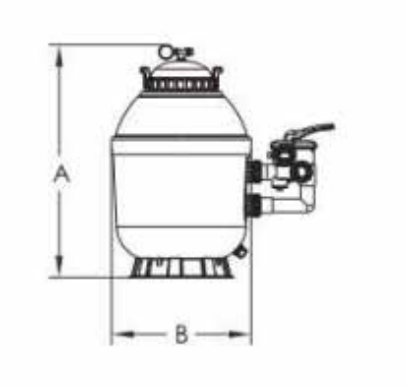
REF.	D (mm)	d (mm)	L (mm)	Filtration (µm)
CCFFME22	Ø 178	Ø 76	357	< 50
CCFFME39	Ø 178	Ø 76	660.5	< 50

FILTRATION

SAND FILTERS

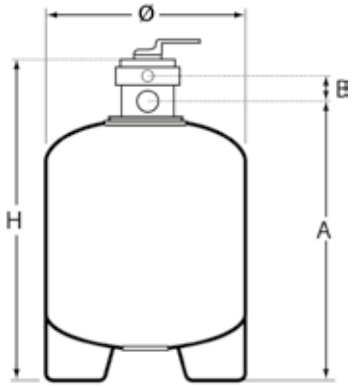
Measurements in mm.

CF COMFORT SAND FILTER



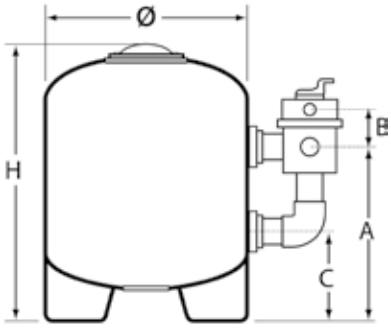
Model	Height (mm) A	Diameter (mm) B	Valve diameter
CFFP500S	869	517	1.5''
CFFP650S	989	670	1.5''
CFFP652S	1 146	670	2.0''
CFFP750S	1 165	770	2.0''
CFFP900S	1 252	921	2.0''

CF SAND FILTER TOP (EX XEO TOP)



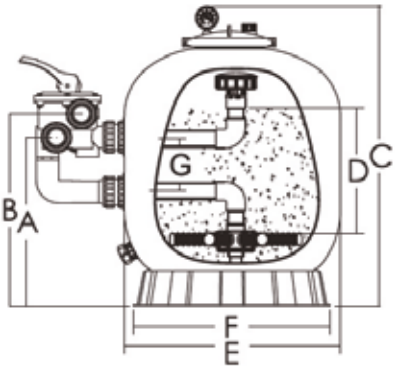
Model	Ø	A	B	H
XEOT05	365	597	60	714.5
XEOT10	515	757	60	874.5
XEOT14	615	857	60	974.5

XEO SIDE (UP TO 2019 INCLUDED)



Model	Ø	A	B	C	H
XEOT10	515	690	60	280	750
XEOT14	615	790	60	335	850

CF SAND FILTER SIDE (EX XEO SIDE) FROM 2020



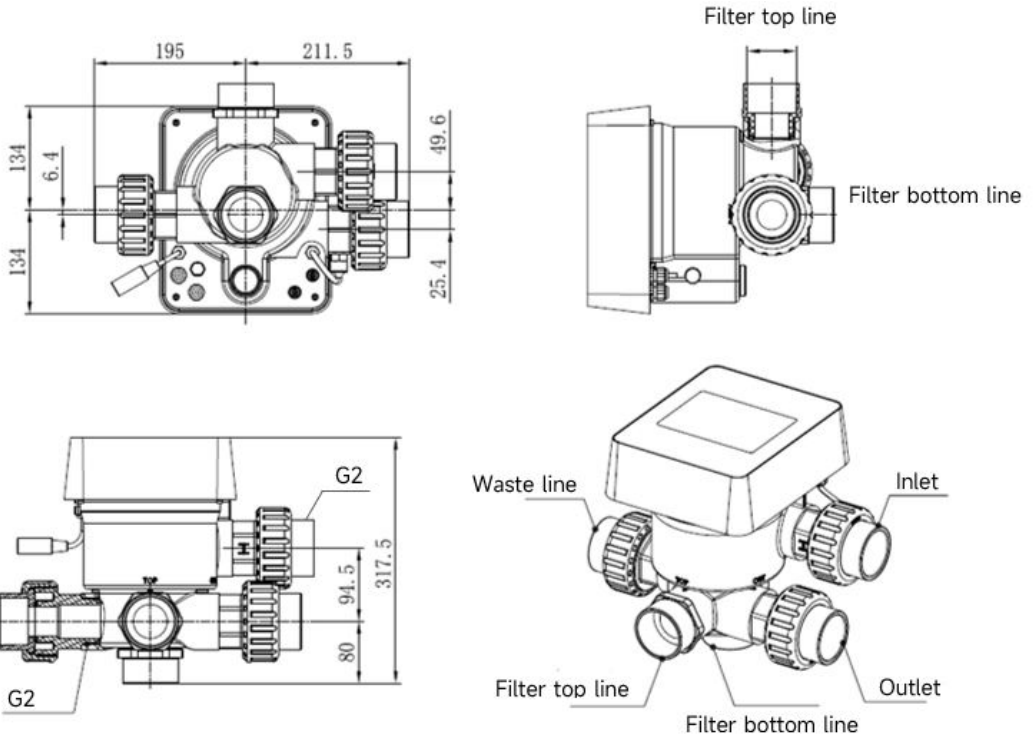
Model	Ø	A	B	C	D	E	F	G
XEOS11	500	390	450	770	235	527	500	125
XEOS15	650	430	490	850	300	627	500	125

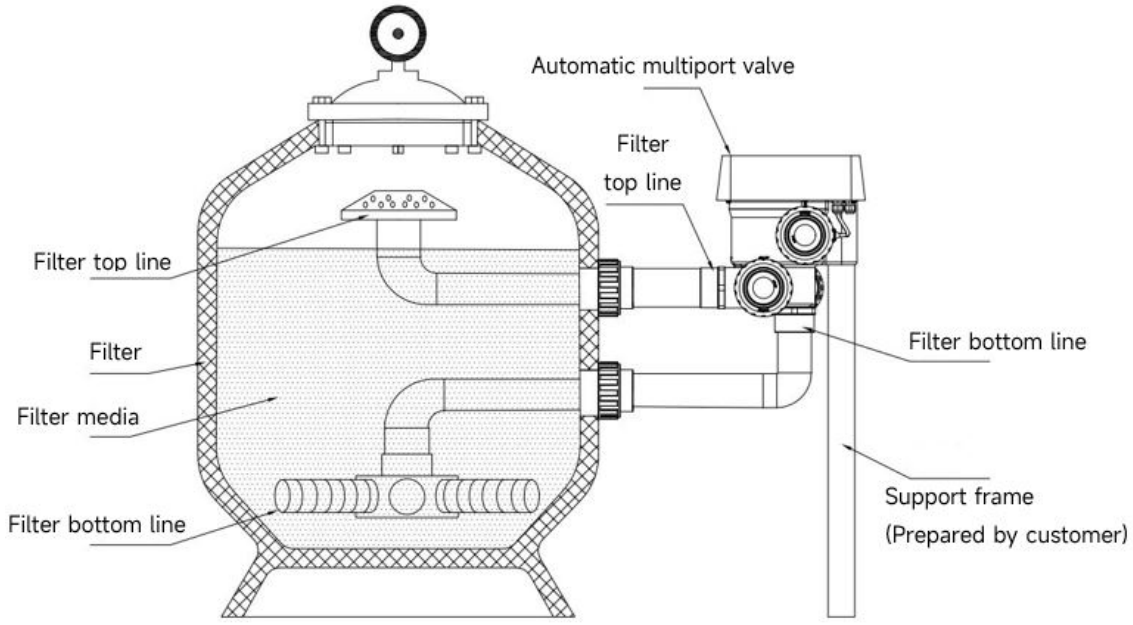
TECHNICAL LEAFLET

FILTRATION

CF AUTOMATIC FILTRATION VALVE

CF AUTOMATIC FILTRATION VALVE



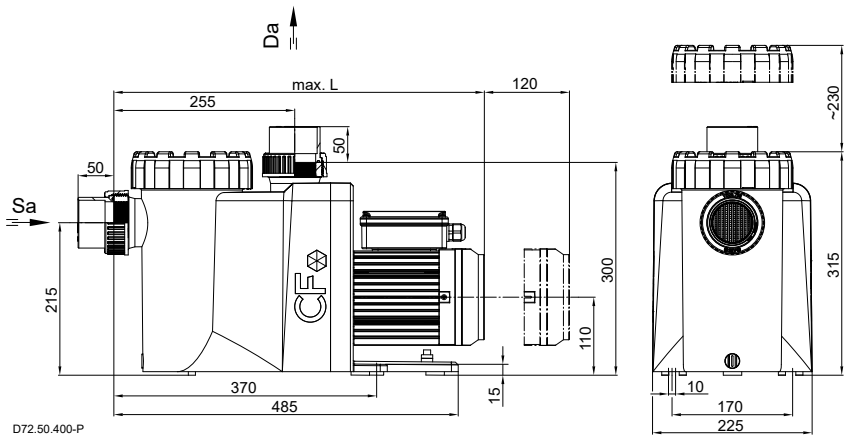


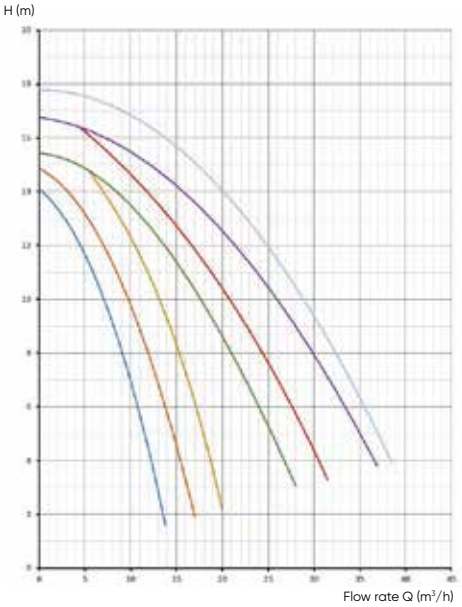
Ref.	Union size		Backwash flow rate
	Inlet / outlet / waste line	Filter top / bottom line	(m^3/h @ 0.1 Mpa)
AUTOVACF	Inner diameter 60.3/63mm	Inner diameter 60.3/63mm	24

FILTRATION

FILTRATION PUMPS

CF PREMIUM FILTRATION PUMP





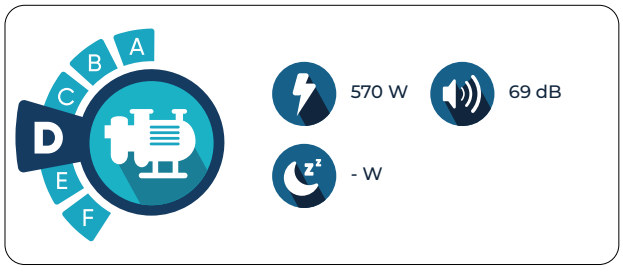
PREMIUM7 PREMIUM10 PREMIUM13 PREMIUM17
PREMIUM21 PREMIUM26 PREMIUM29

REF.	L	SUCTION DIAMETER	BACKFLOW DIAMETER
PREMIUM7	520	50	50
PREMIUM7T	546	50	50
PREMIUM10	520	50	50
PREMIUM10T	546	50	50
PREMIUM13	545	63	63
PREMIUM13T	546	63	63
PREMIUM17	546	63	63
PREMIUM17T	566	63	63
PREMIUM21	576	63	63
PREMIUM21T	596	63	63
PREMIUM26	576	75	75
PREMIUM26T	596	75	63
PREMIUM29	576	75	75
PREMIUM29T	600	75	75

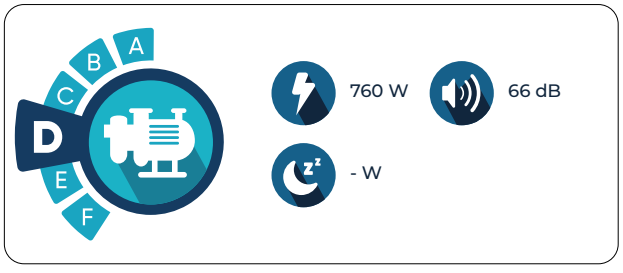
PREMIUM07



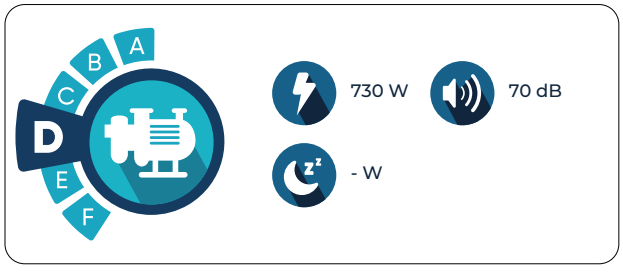
PREMIUM07T



PREMIUM10



PREMIUM10T



TECHNICAL LEAFLET

FILTRATION

FILTRATION PUMPS

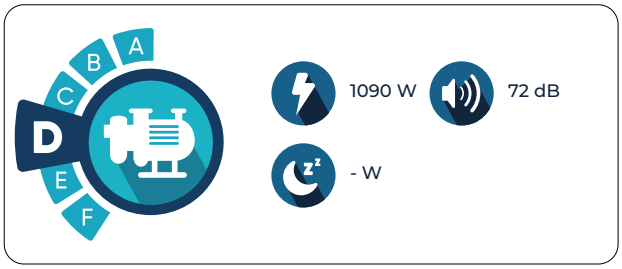
PREMIUM13



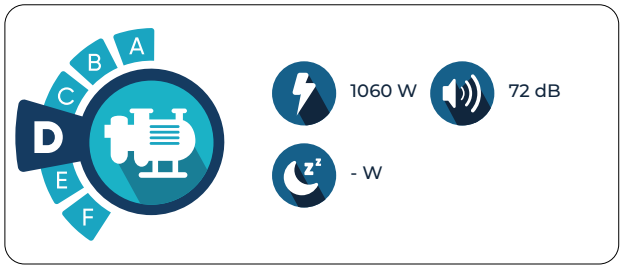
PREMIUM13T



PREMIUM17



PREMIUM17T



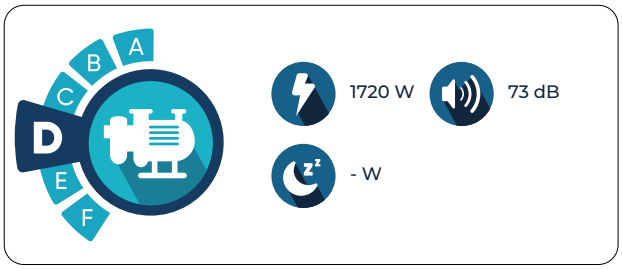
PREMIUM21



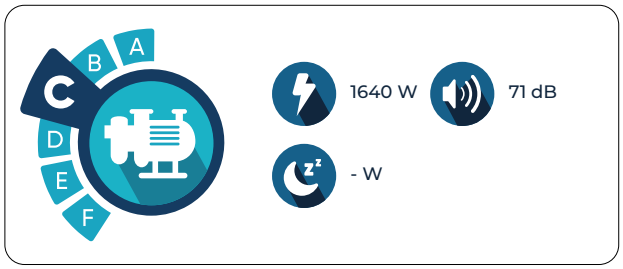
PREMIUM21T



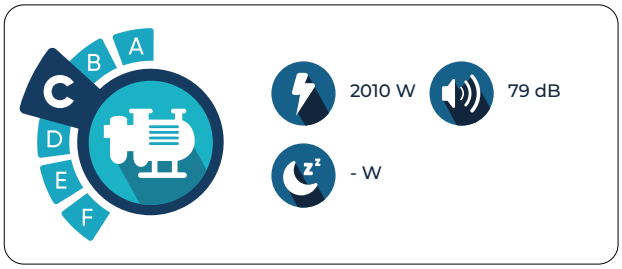
PREMIUM26



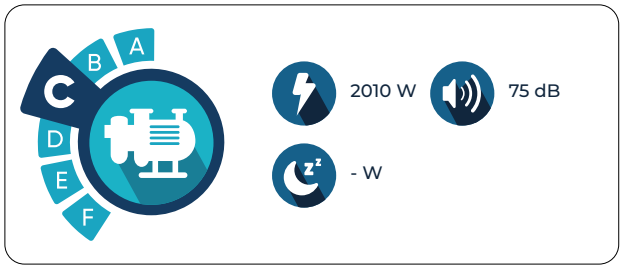
PREMIUM26T



PREMIUM29



PREMIUM29T

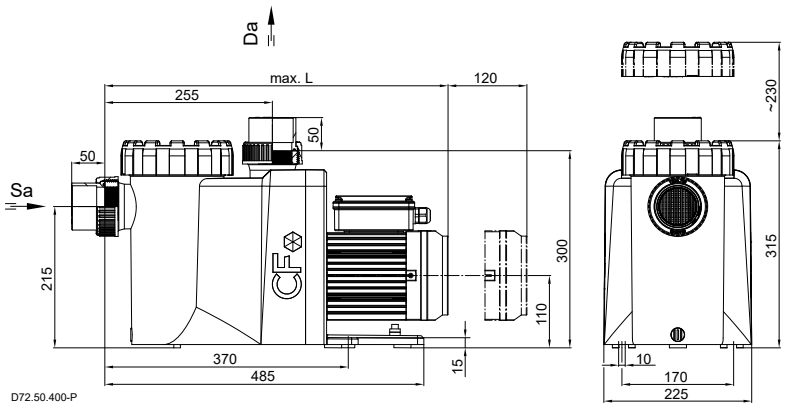


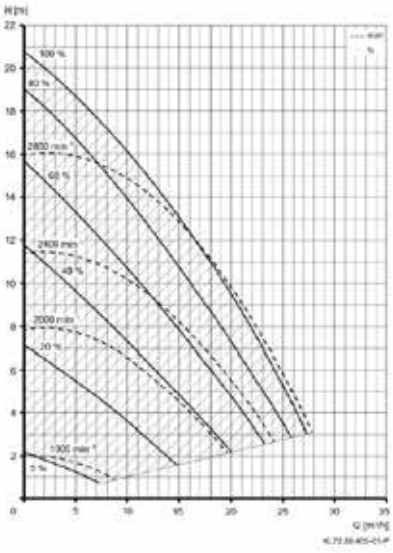
FILTRATION

FILTRATION PUMPS

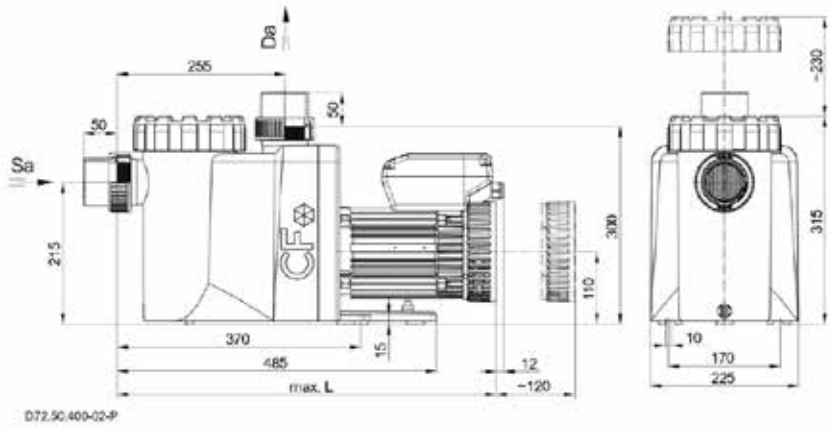
Measurements in mm.

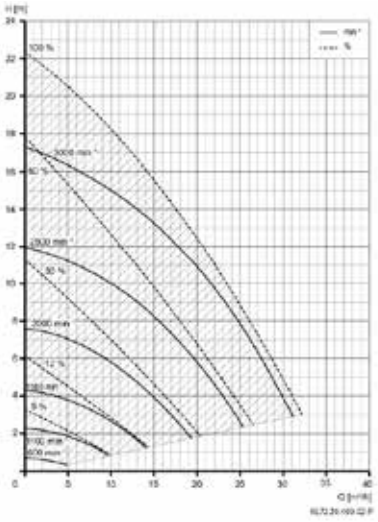
CF PREMIUM VS FILTRATION PUMP - REF. VS1





CF PREMIUM VS FILTRATION PUMP - REF. VS2





PREMIUMVS1



1170 W

77 dB

3 W

PREMIUMVS2



1290 W

74 dB

5 W

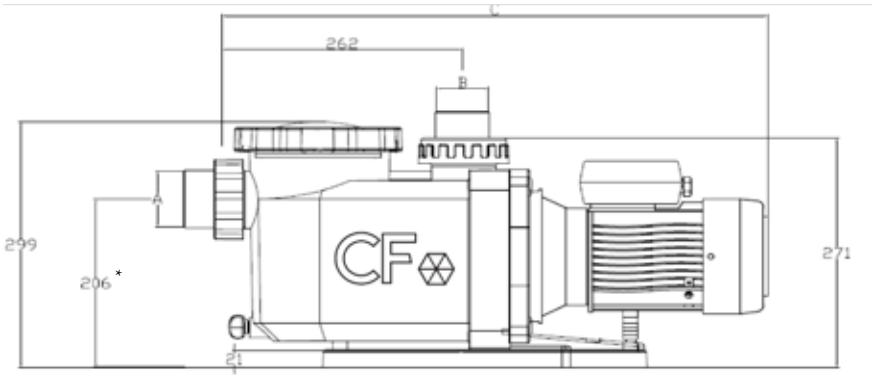
TECHNICAL LEAFLET

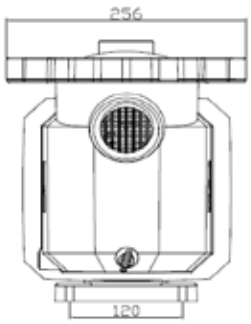
FILTRATION

FILTRATION PUMPS

Measurements in mm.

CF COMFORT, CF COMFORT VS & CF VS FILTRATION PUMPS



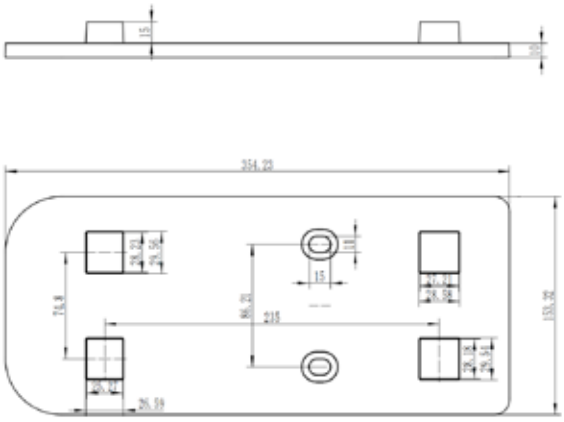


REF.	A	B	C
COMF9	50	50	610
COMF13	50	50	610
COMF15	63	63	610
COMF15T	63	63	630
COMF18	63	63	630
COMF18T	63	63	630
COMF21	63	63	630
COMF21T	63	63	660
COMF28	63	63	660
COMF28T	63	63	700
COMFVS01	63	63	630
COMFVS02	63	63	650
CFPVS01	271	256	120

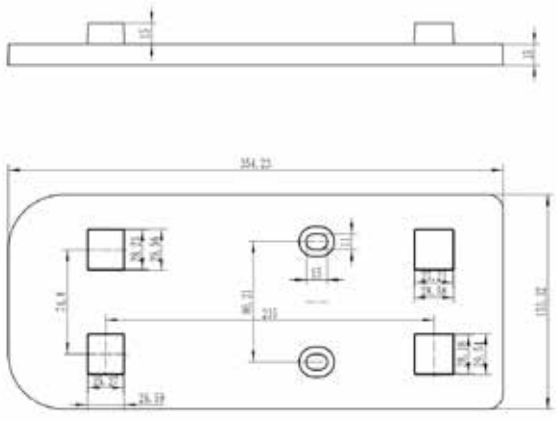
*The suction height can be adjusted using the differents wedges or by removing the wedge on which the pump is delivred mounted.

WEDGE	SUCTION HEIGHT (mm)
No wedge	185
ZDVC73 (included, factory assembly)	206
ZDVC72 (substitution to ZDVC73)	197
CALE10	+10mm
CALE15	+15mm

2 new sizes of wedges : 10mm (CALE10) and 15 mm (CALE15) can be stacked to achieve the desired height.
Example : use 2x CALE10 and 1x CALE15 to increase by 35mm the pump's suction height.



CALE10

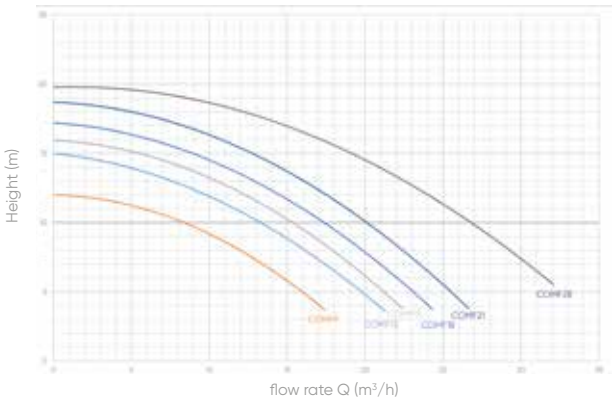


CALE15

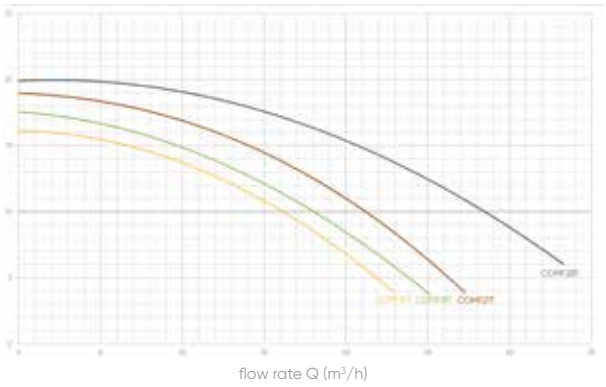
FILTRATION

FILTRATION PUMPS

FIXED-SPEED VERSION

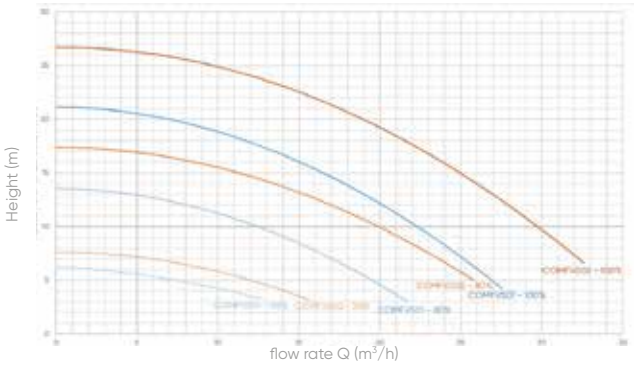


Single-phase

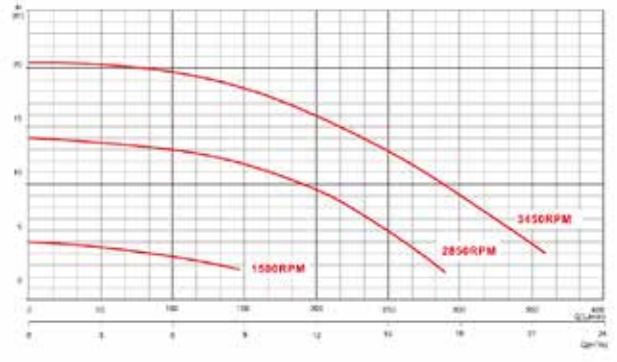


Three-phase

VARIABLE-SPEED VERSION



COMFVS01 & COMFVS02

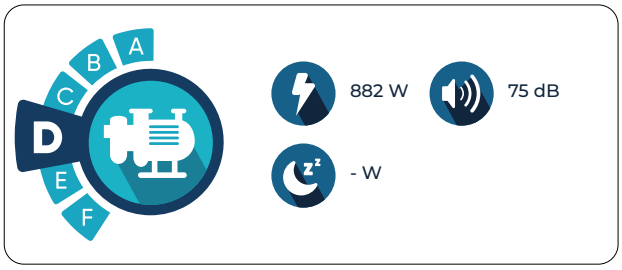


CFPVS01

COMF9



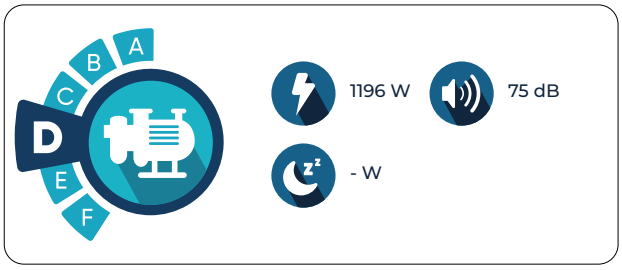
COMF13



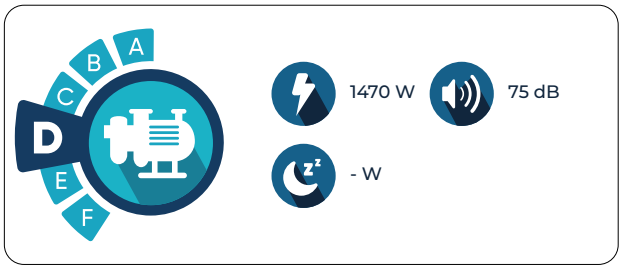
COMF15



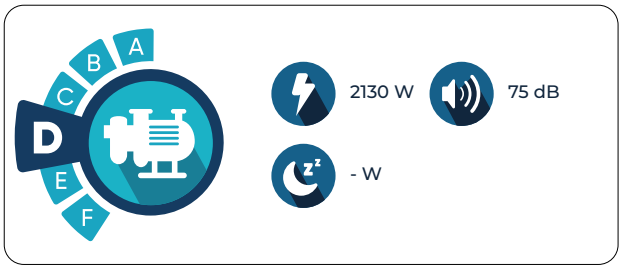
COMF18



COMF21



COMF28



FILTRATION

FILTRATION PUMPS

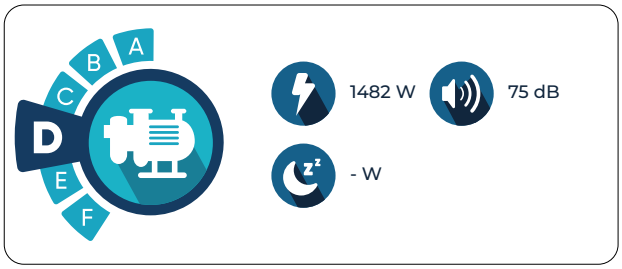
COMF15T



COMF18T



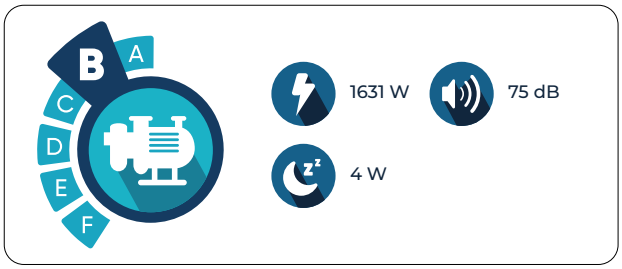
COMF21T



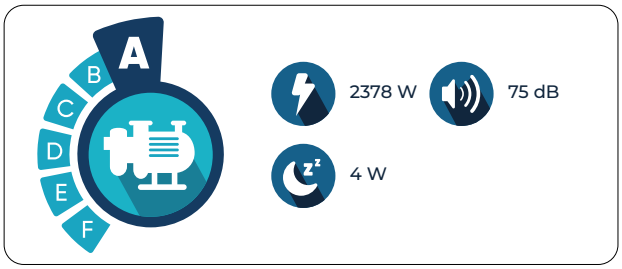
COMF28T



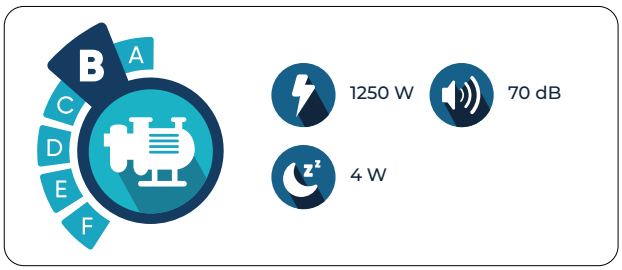
COMFVS01



COMFVS02

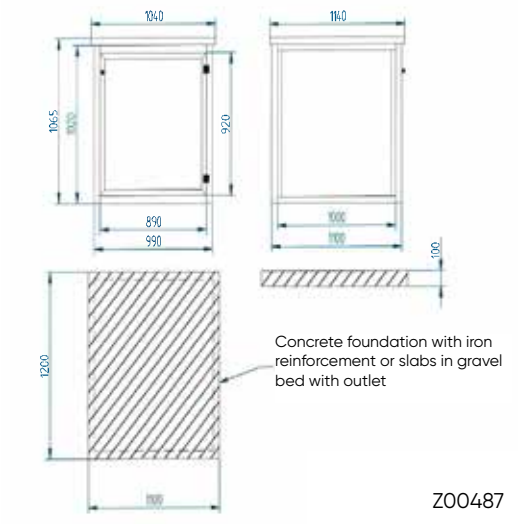


CFPVS01

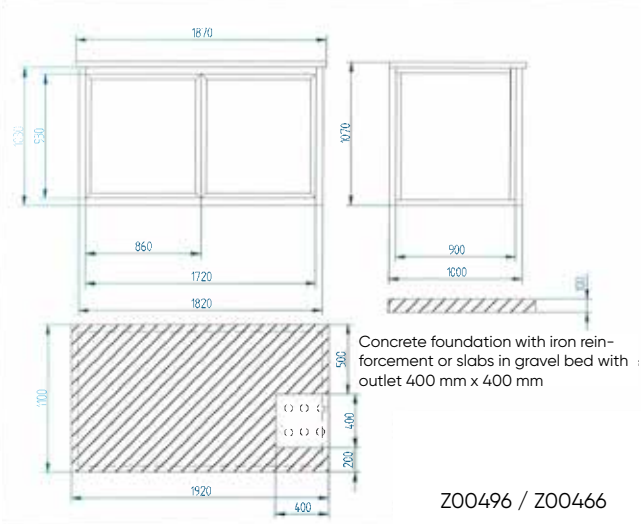


FILTRATION
TECHNICAL ROOMS

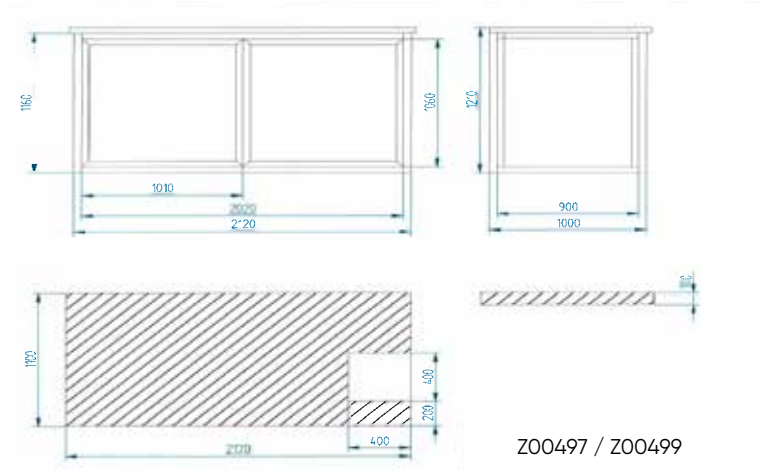
POOL PARTNER EMPTY FILTERBOXES



Z00487



Z00496 / Z00466



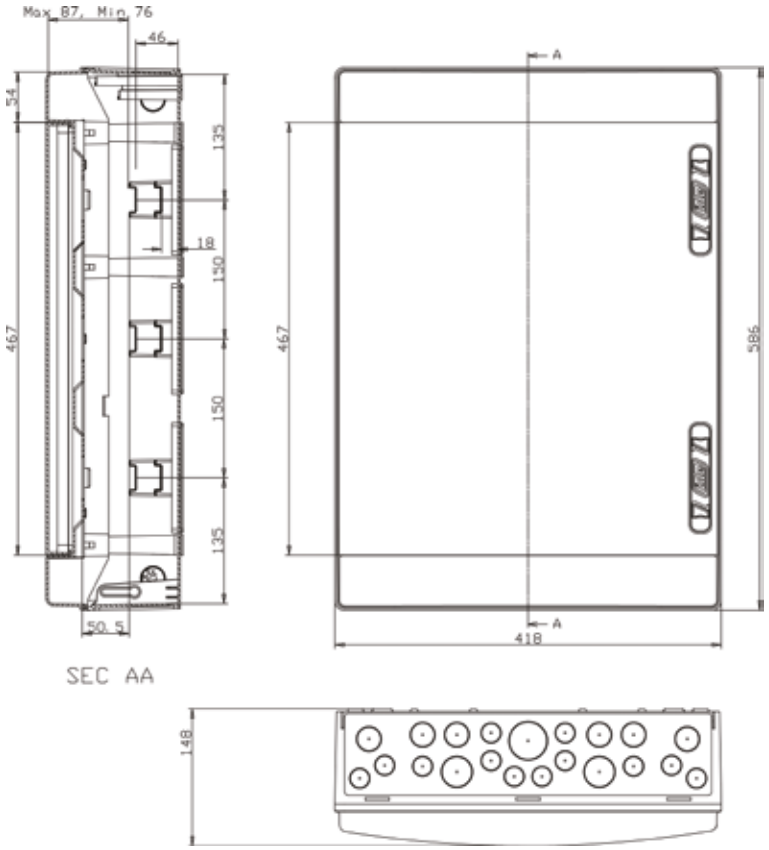
Z00497 / Z00499

TECHNICAL LEAFLET

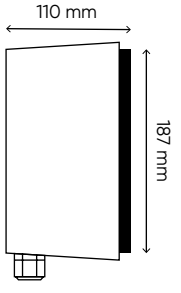
CONTROL BOXES

Measurements in mm.

CUSTOM-MADE CONTROL BOXES



CF VS FLOW REGULATOR

Model	COFVSN02	Dimensions
Type of power	Single-phase	
Supply voltage	220~240 V	
Frequency	50 Hz	
Power supplied	Max 2.2 kW	
Output voltage	Single-phase 0~240 V	
Pump type	Single-phase	
Power	Max 12A	
Speed range	1 200~2 900 V	
Cooling	Ventilation	
Dimensions	206 x 110 x 155	
Weight	2.9 kg	

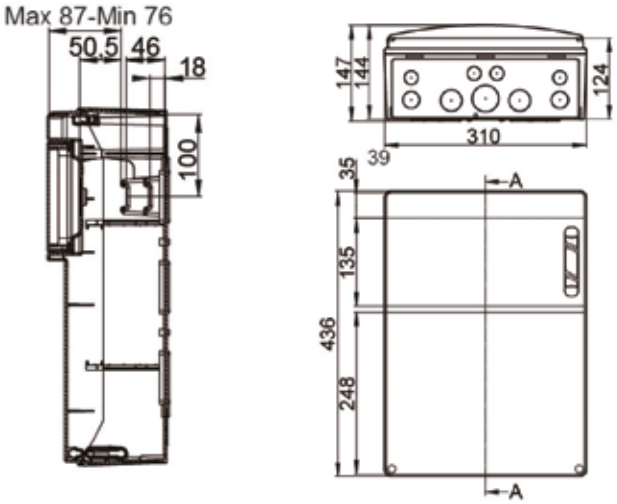
CONTROL BOXES

CF CONTROL BOXES

Measurements in mm.

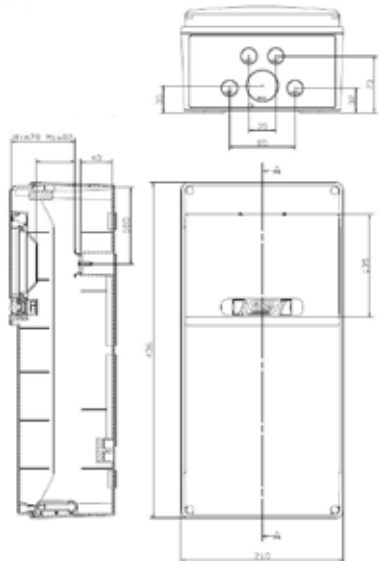
CF PREMIUM, CF COMFORT* CONTROL BOX

FILTRATION + LIGHTING
***FILTRATION + VACUUM + LIGHTING**



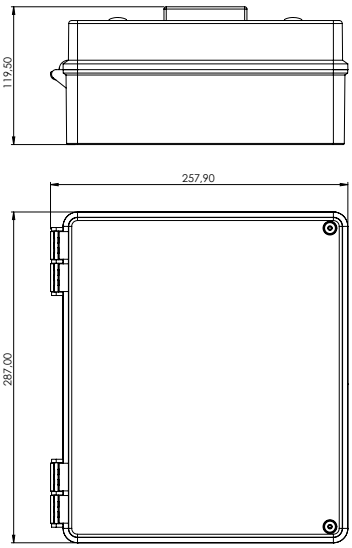
CF COMFORT CONTROL BOX

FILTRATION + LIGHTING

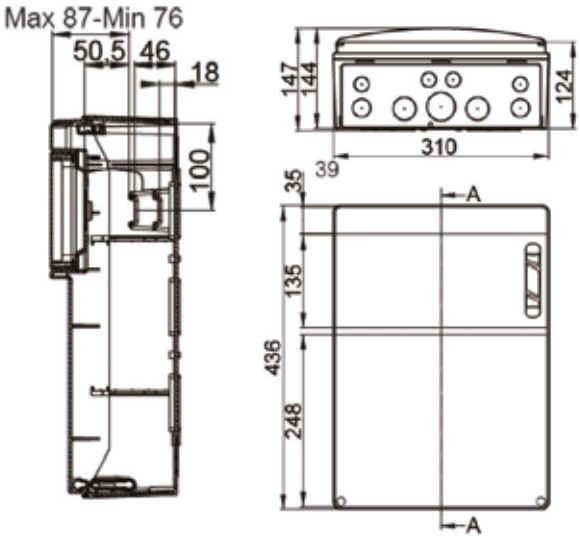


CF CONTROL BOX

FILTRATION ONLY
FILTRATION + LIGHTING



INFINITY



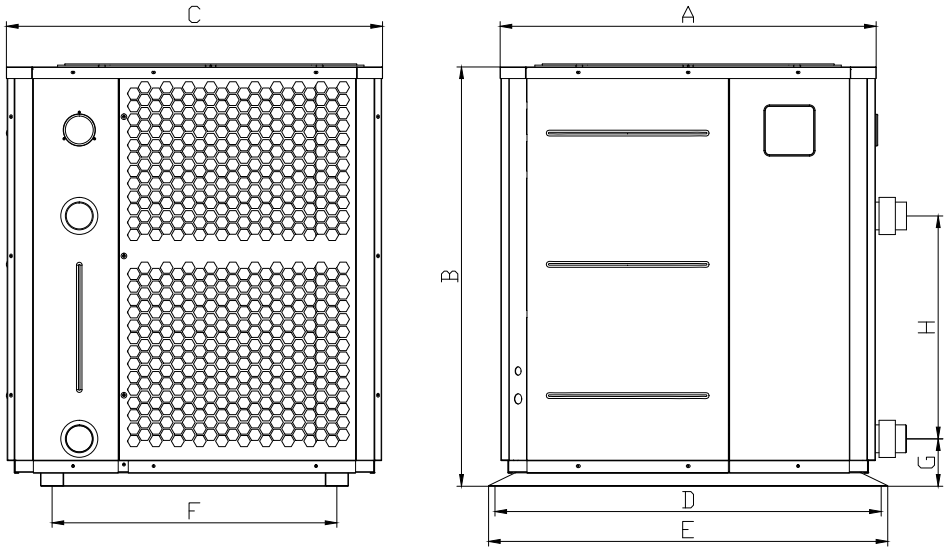
TECHNICAL LEAFLET

HEATING
HEAT PUMPS

Measurements in mm.

CF PREMIUM VERTICAL HEAT PUMP R290

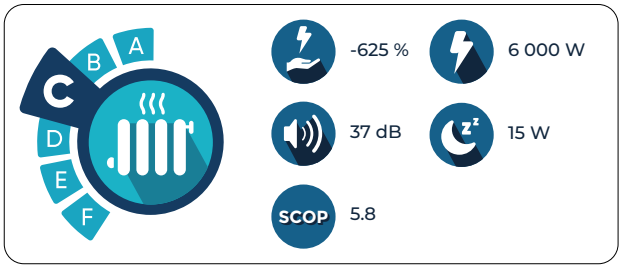
CFVERTN26 / CFVERTN26T / CFVERTN37T / CFVERTN60T



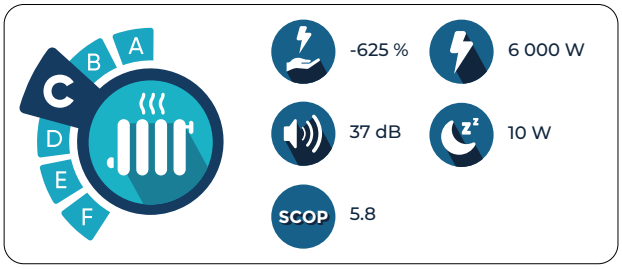
(Unit: mm)

Model	A	B	C	D	E	F	G	H
CFVERTN26	810	905	810	832	860	613	102	480
CFVERTN26T	810	905	810	832	860	613	102	480
CFVERTN37T	900	1005	900	922	950	670	102	515
CFVERTN60T	1065	1365	1065	1084	1112	790	122	500

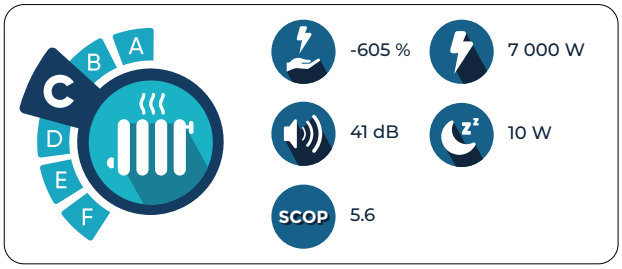
CFVERTN26



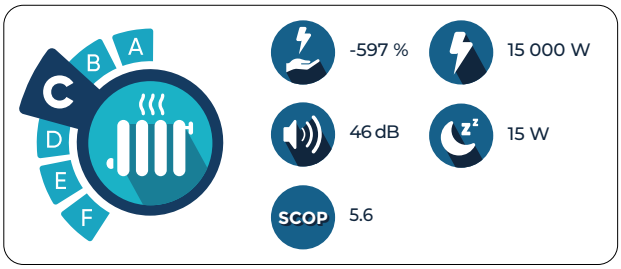
CFVERTN26T



CFVERTN37T



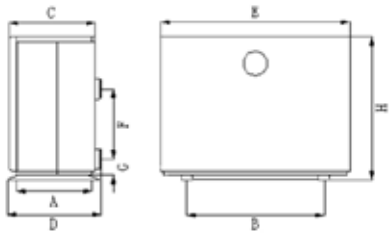
CFVERTN60T



HEATING
HEAT PUMPS

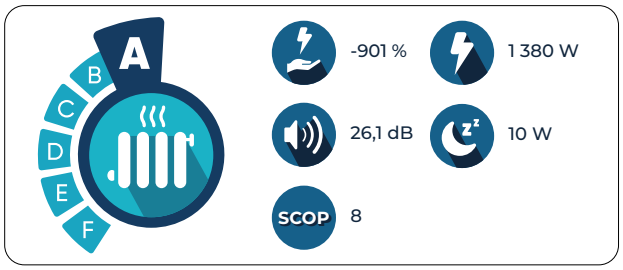
Measurements in mm.

CF PREMIUM SILENT FLOW HEAT PUMP

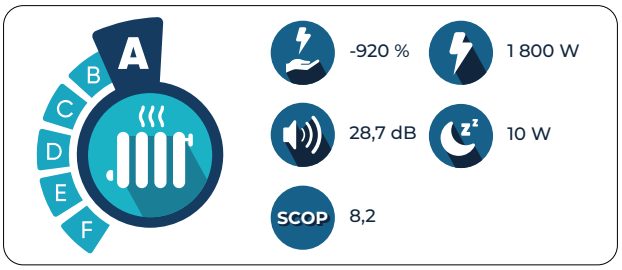


Ref	Model	A	B	C	D	E	F	G	H
CFSIL09	108026	410	645	404	430	890	250	75	658
CFSIL13	108027	410	645	404	430	890	280	75	658
CFSIL17	108028	410	710	404	430	1060	390	75	658
CFSIL21	108029	410	710	404	430	1060	460	75	758

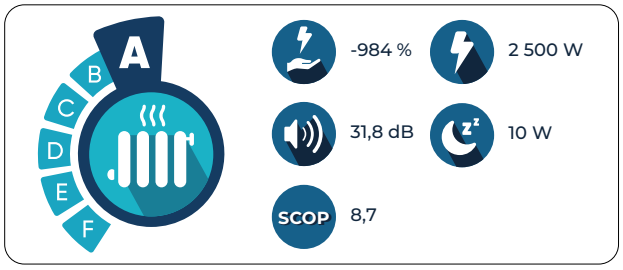
CFSIL09



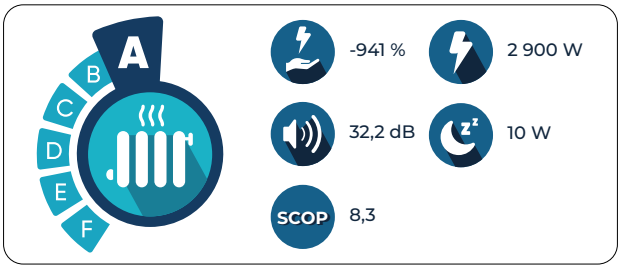
CFSIL13



CFSIL17



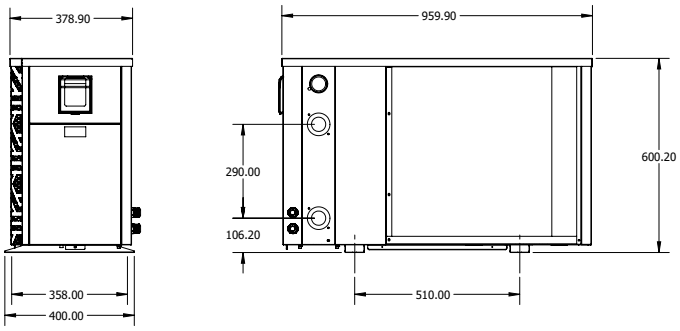
CFSIL21



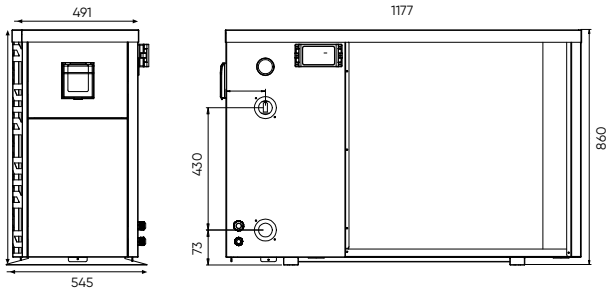
HEATING
HEAT PUMPS

Measurements in mm.

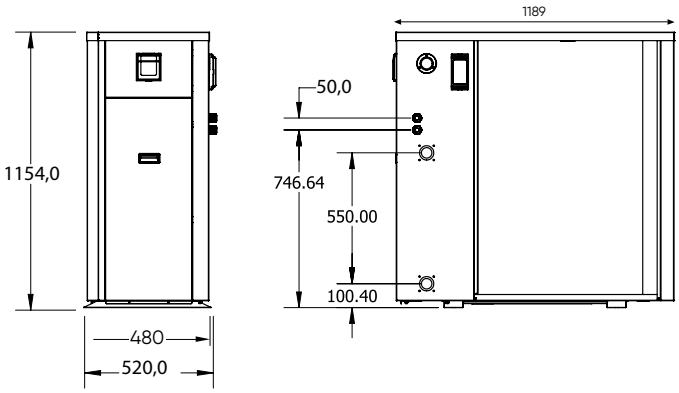
CF COMFORT INVERTER R290/ R32



CFHPINR10, CFHPINR13, CFHPINR20

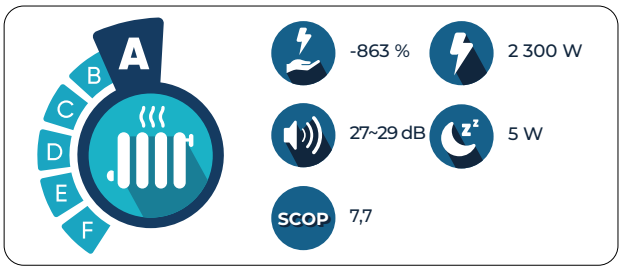


CFHPINV28

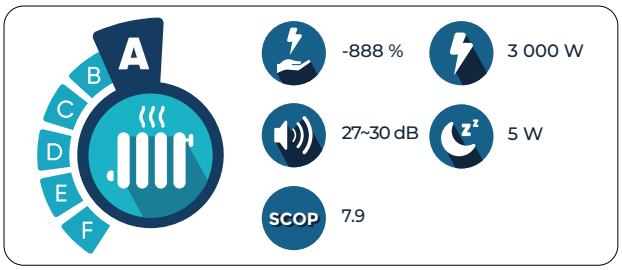


CFHPINV36T

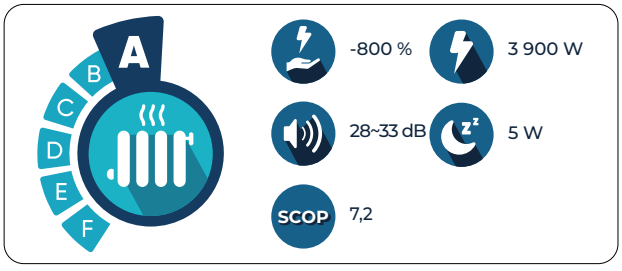
CFHPINR10



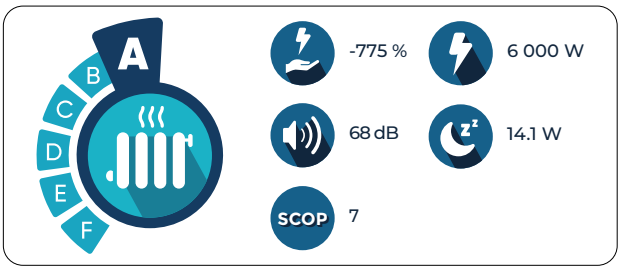
CFHPINR13



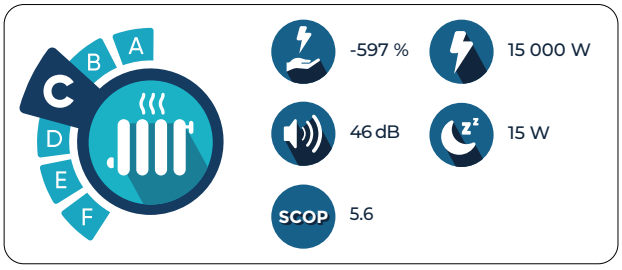
CFHPINR20



CFHPINV28 (R32 GAS)

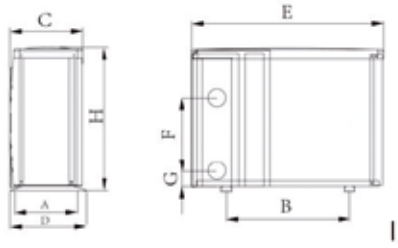


CFHPINV36T (R32 GAS)



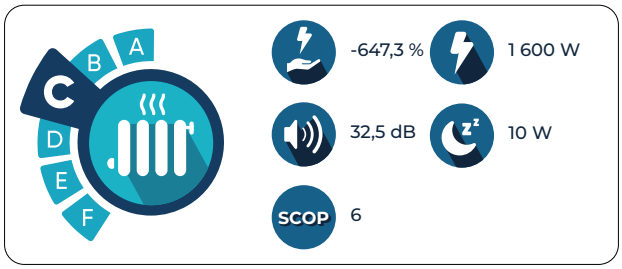
Measurements in mm.

VITALIA COMFORT INVERTER

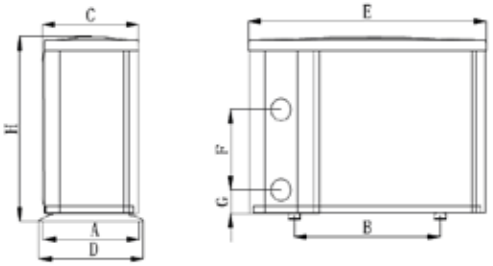


	A	B	C	D	E	F	G	H
VESIN10NR	324	560	330	349	872	250	74	654

VESIN10NR

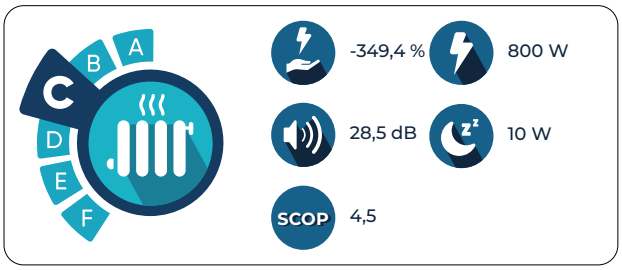


VITALIA ON/OFF

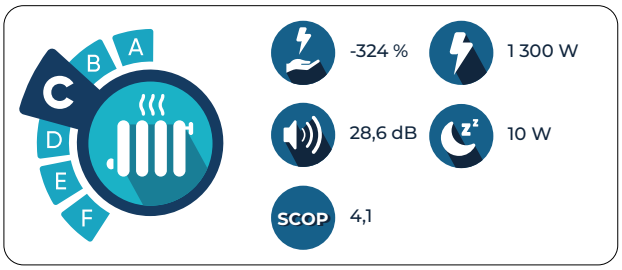


	A	B	C	D	E	F	G	H
VES06R	315	429	312	340	800	250	76	558
VES08R	315	429	312	340	800	220	76	558
VES10R	315	590	312	340	961	280	77	658
VES12R	315	590	312	340	961	320	77	658

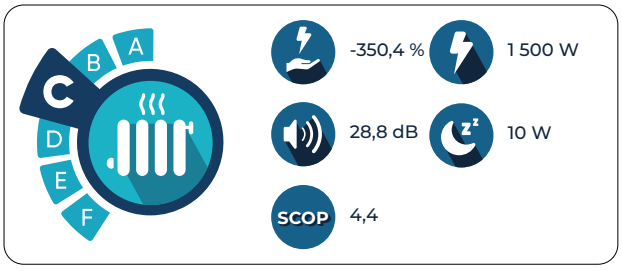
VES06R



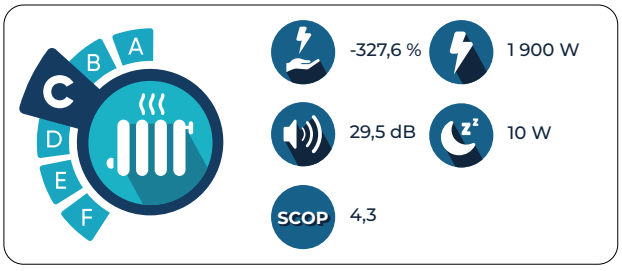
VES08R



VES10R



VES12R



SMART LIGHT

SMART LIGHT



SAPPBL1



SENABL1



SAPPBL4



SAPPBL9



SAPABL4



SAPABL9



SENABL603



SAPABL1

EN 17645 STANDARD

PERFORMANCE CALCULATION TABLES

LIGHTING SYSTEMS

ENERGY EFFICIENCY CLASS	TOTAL POWER EFFICIENCY (ηTM) LM/W
A	$210 \leq \eta TM$
B	$185 \leq \eta TM < 210$
C	$160 \leq \eta TM < 185$
D	$135 \leq \eta TM < 160$
E	$110 \leq \eta TM < 135$
F	$85 \leq \eta TM < 110$
G	$30 \leq \eta TM < 85$
H	$\eta TM < 30$

FILTRATION SYSTEMS

PUMP CLASS	RESULTING EFFICIENCY
A	> 90
B	70 – 90
C	50 – 70
D	30 – 50
E	20 – 30
F	< 20

HEATING SYSTEMS

HEAT PUMP CLASS	HEATING SYSTEM SCOP
A	SCOP ≥ 7
B	7 > SCOP ≥ 6
C	6 > SCOP ≥ 4
D	4 > SCOP ≥ 3
E	3 > SCOP ≥ 1
F	SCOP < 1

NOTES



CONTENT

TECHNICAL LEAFLET

SOLUTIONS

p. 492 **CF Block polystyrene structure**

p. 493 **CF safety barriers**

TECHNICAL LEAFLET

CF BLOCK L / CF BLOCK X BUILDING SOLUTIONS

The EN 17645 standard classifies in-ground pool structures according to their Natural Thermal Balance (or NTB). This is calculated in a standardised way on the basis of the heat transfer coefficient of the walls and bottom of the pool when there is a temperature difference of 5° C between the pool water and the ground.

The structure is also characterised by its waterproofing class in accordance with European standard EN 16582.

Waterproofing performance is classified from W0 to W5. with PVC waterproofing membranes deemed W1 because they are waterproof but they perspire (to use the accepted term).

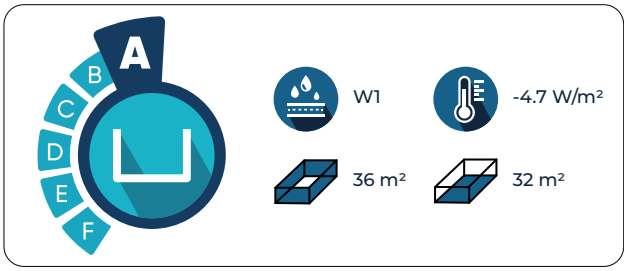
Wall and floor surfaces are also taken into account when calculating the NTB. and are given as a guide.

Depending on the results obtained. the corresponding class can be determined by referring to the table below.

CLASS OF UNDERGROUND STRUCTURES ACCORDING TO THEIR HEAT BALANCE

Natural Thermal Balance of an underground structure W/m²	Appropriate classification
NTB ≥ -5	A
-5 > NTB ≥ -7.5	B
-7.5 > NTB ≥ -8	C
-8 > NTB ≥ -8.5	D
-8.5 > NTB ≥ -9	E
-9 > NTB	F

The classification of the structure is then represented by standardised signage as shown below.



NTB
Natural Thermal Balance
Insulating capacity of the structure.

By integrating the thermal effects linked to the ground as stipulated by EN 17645. an inground pool made of polystyrene blocks CF Block X / CF Block XL obtains a "A" classification with a **NTB of -4.7 W/m²** (low estimate made by the internal engineering office based on data from the polystyrene block manufacturers).

The same pool built with a simple concrete wall (25 cm wall. 15 cm invert) achieves a B classification with a NTB of -7.5 W/m².

Polystyrene blocks CF Block L / CF Block X are therefore **1.6 times more insulating and reduce losses through the structure by 36% compared with a swimming pool with a simple concrete wall**. They offer an **insulation coefficient 12 times greater than that of a concrete wall of the same thickness**.

An in-ground pool with a surface area of 32 m² and a depth of 1.50 m made with CF Block X / CF Block XL will **reduce the operating time of a heat pump by 1 hour per day (C.O.P. of 4)** compared with the same pool made with a simple concrete wall.

INFO



SCAN THIS QR CODE TO DISCOVER THE INSTALLATION VIDEO:

TECHNICAL LEAFLET

CF SAFETY BARRIERS

Protective barrier for use on private pools in compliance with the French NF P 90-306 standard. This barrier is designed to limit children under 5 years old from accessing the pool.

The safety barrier must be installed at least 1 metre from the water and at a maximum distance so as not to create a living area between the pool and the protection.

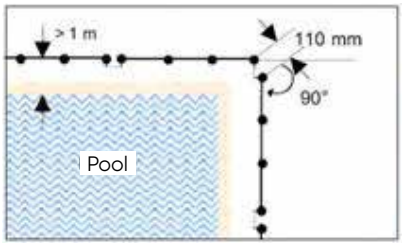
Warning: when the protective barrier is combined with one or more walls. the wall height must not allow access to the pool (minimum 1.10 m between support points) and must not allow access to the pool through their openings (doors and windows shut using a child proof system).

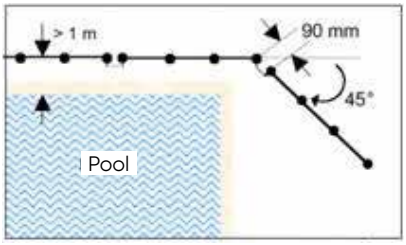
Whatever the plot profile (slope. steps. etc.). the height between two supporting points must always be 1.10 m once the protective barrier has been installed.

Joining of 2 barriers in a straight line using a double post with a 75 mm spacing.

A corner must be composed of 2 modules. The corners authorised between 2 modules must be between 0° and 90° (the corner is measured between the extension on the 1st module and the following module).

A certain spacing (see table below) must be observed between the last post on the 1st module and the 1st post on the 2nd module so that the safety lock operating measurements are complied with. This spacing varies depending on the angle.





Angle between 2 modules	Minimum spacing between posts
0°	75 mm
30°	80 mm
45°	90 mm
60°	100 mm
90°	110 mm

Elements composing the barrier: 1 pre-assembled module composed of a net and posts with supporting rods. sheaths + caps. 1 instruction manual and 1 bag of spare parts (lock. sheath).

Can be recut using a ruler with 11 removable screws.

Anchoring method: using a sheath (included) embedded in flat. rigid and stabilised ground (concrete slab or blocks).

NOTES



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LINERS

SPECIALITIES (XTRA, TILES, PROTECT 33 COLLECTIONS)



The **Xtra Collection** liners, **Tiles Collection** liners and the **Protect 33 Collection** liners have a 10-year full warranty on watertightness and on the welds, followed by 5 degressive years at a 20% per year degressive rate. A 3-year anti-stain warranty is applied in normal conditions of use up to 33 °C and defined by the NF T54-802 standard. Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

Example: liner fitted in 2010 and replaced in 2021 after 11 years - Degressive rate of 20%.

SUPERIOR



The **Superior** liners have a 5-year full warranty on watertightness and on the welds, followed by 5 degressive years at a 20% per year degressive rate. A 3-year anti-stain warranty is applied in normal conditions of use up to 32 °C and defined by the NF T54-802 standard.

Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

Example: liner fitted in 2020 and replaced in 2027 after 7 years - Degressive rate of 40%.

STANDARD



The **Standard** liners have a 10-year degressive warranty on watertightness and on the welds in normal conditions of use up to 28 °C and defined by the NFT 54-802 standard, with a degressive rate of 10% per year. Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

Example: liner fitted in 2020 and replaced in 2025 after 5 years - Degressive rate of 50%.

TEXTURED ANTI-SLIP



The **Anti-slip** liners have a 10-year degressive warranty on watertightness and on the welds in normal conditions of use up to 30 °C and defined by the NFT 54-802 standard, with a degressive rate of 10% per year. Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the liner.

Example: liner fitted in 2020 and replaced in 2025 after 5 years - Degressive rate of 50%.

LINERS

SPECIALITIES (XTRA, TILES, PROTECT 33 COLLECTIONS), SUPERIOR, STANDARD, TEXTURED ANTI-SLIP

Installation is the responsibility of the installer and is not covered by the warranty.
The guarantee takes effect from the date of installation.

FOR THE WARRANTY TO TAKE EFFECT:

- The on-site lining sheet must be stored under normal conditions.
- Rolls must be stored horizontally in a dry, temperate room in their original packaging.
- Pallets must not be stacked. Pre-cut material must not be stored for more than one month in a dry, temperate room.
- On-site lining sheet must be installed in accordance with industry specifications (see FPP* and AFNOR** recommendations).
- On-site lining sheet must not be damaged by mechanical actions or chemical agents incompatible with PVC, or used with excessive or abnormal concentrations in the context of swimming pool use.
- Never use water treatment products containing copper or copper derivatives.
- The serial number appearing on the roll packaging or on the back of the on-site lining sheet must be indicated on the claim. Never use treatment products containing copper or copper derivatives.

The warranty is limited to the waterproofing of the on-site lining. Holes, snags, and tears are not covered by the warranty, nor are colour stability, stains or soiling of any kind.

The warranty only applies to the equipment delivered by our company to the exclusion of the cost of installing or re-installing, of the water, of the chemical products and all accessory charges (felt, glue, etc.) as well as transport.

Treatment of water: in compliance with applicable legislation (French decree n° 81324 of 7.4.81), pool water treated using chlorine must comply with the following values:

- pH between 7 and 7.6 (acidity level).
- TH between 15 and 25 °f (hardness level).
- TAC between 10 and 20 °f (buffer power against pH variations).

The active free chlorine level must be kept at between 0.7 and 1.2 mg/L and if stabiliser is used, the level must be between 1 and 2.5 mg/L - pH between 7 and 7.6. If bromine treatments are used, they must not exceed a level of 2 mg/L - pH between 7.2 and 7.6. Make sure that the stabiliser level (isocyanuric acid) from the chlorine tablets is lower than 70 mg/L.

For all other treatment, the installer and the user must check with the supplier of the treatment envisaged (chemical or electrophysical) that it is compatible with our PVC sheets.

When placing in water, use a metal sequestering agent to avoid stains related to dissolved metals such as copper, iron and manganese (make sure that the sequestering agent is effective for copper). Treatment of water with chlorine tends to whiten the membrane, while treatment with bromine tends to turn it yellow. We therefore recommend that you use a chlorine treatment for lightcoloured membranes and a bromine treatment for dark-coloured membranes. Treatment by salt electrolysis and the combined use of an automatic cover is incompatible with dark colours as this may give rise to an accelerated discolouration of the membrane. Copperbased treatments are prohibited.

If there is an automatic cover and an electrolysis unit, the latter must be fitted with Redox regulation to avoid over-chlorination problems as much as possible. The electrolysis unit coupling contact can only limit this effect if the pool is regularly uncovered. Water parameter checks must be carried out at least twice per week.

Log on to https://www.del-piscine.fr/en/ to view all our warranties.

* FPP: Fédération des professionnels de la piscine - 5 rue de Vienne - 75008 Paris.

** AFNOR: n° NF T54-802.

FOCUS

SLIP EN 16 852-1 NORM:

The requirements of the standard on means of access:

Access	Classification group minimal
Degree of ladder	A
Step	A
Slope	B

Slip resistance:

Classification group	Critical angle
A	12° to 17°
B	18° to 23°
C	From 24°

ON-SITE LINING

DELIFOL

delifol

35°C MAX

15 years WARRANTY
WATERTIGHTNESS

5 years WARRANTY
STAIN-RESISTANT

NF EN NORM 15836-2
SUPERIOR CLASS

The delifol on-site lining withstands warm water up to a maximum of 35 °C. We guarantee that the on-site lining (polyvinyl chloride) designated delifol has been designed and manufactured specifically for use as a swimming pool waterproofing.

Above this temperature, the risks of discolouring and creases connected to chlorine, might increase water absorption and condensation behind the on-site lining.

This waterproof guarantee is valid for a full 15 years (and for NGS models, a 5-year anti-stain guarantee) under normal conditions of use up to 35°C, as defined by the NF T54-804 standard.

ON-SITE LINING

DELIFOL

Installation is the responsibility of the installer and is not covered by the warranty.
The guarantee takes effect from the date of installation.

FOR THE WARRANTY TO TAKE EFFECT:

- The on-site lining sheet must be stored under normal conditions.
- Rolls must be stored horizontally in a dry, temperate room in their original packaging.
- Pallets must not be stacked. Pre-cut material must not be stored for more than one month in a dry, temperate room.
- On-site lining sheet must be installed in accordance with industry specifications (see FPP* and AFNOR** recommendations).
- On-site lining sheet must not be damaged by mechanical actions or chemical agents incompatible with PVC, or used with excessive or abnormal concentrations in the context of swimming pool use.
- Never use water treatment products containing copper or copper derivatives.
- The serial number appearing on the roll packaging or on the back of the on-site lining sheet must be indicated on the claim.

Never use treatment products containing copper or copper derivatives.

The warranty is limited to the waterproofing of the on-site lining. Holes, snags, and tears are not covered by the warranty, nor are colour stability, stains or soiling of any kind.

The warranty only applies to the equipment delivered by our company to the exclusion of the cost of installing or re-installing, of the water, of the chemical products and all accessory charges (felt, glue etc.) as well as transport.

Treatment of water: in compliance with applicable legislation (French decree n° 81324 of 7.4.81), pool water treated using chlorine must comply with the following values:

- pH between 7 and 7.6 (acidity level).
- TH between 15 and 25 °f (hardness level).
- TAC between 10 and 20 °f (buffer power against pH variations).

The active free chlorine level must be kept at between 0.7 and 1.2 mg/L and if stabiliser is used, the level must be between 1 and 2.5 mg/L - pH between 7 and 7.6. If bromine treatments are used, they must not exceed a level of 2 mg/L - pH between 7.2 and 7.6. Make sure that the stabiliser level (isocyanuric acid) from the chlorine tablets is lower than 70 mg/L.

For all other treatment, the installer and the user must check with the supplier of the treatment envisaged (chemical or electrophysical) that it is compatible with our PVC sheets.

When placing in water, use a metal sequestering agent to avoid stains related to dissolved metals such as copper, iron and manganese (make sure that the sequestering agent is effective for copper). Treatment of water with chlorine tends to whiten the membrane, while treatment with bromine tends to turn it yellow. We therefore recommend that you use a chlorine treatment for lightcoloured membranes and a bromine treatment for dark-coloured membranes. Treatment by salt electrolysis and the combined use of an automatic cover is incompatible with dark colours as this may give rise to an accelerated discolouration of the membrane. Copperbased treatments are prohibited.

If there is an automatic cover and an electrolysis unit, the latter must be fitted with Redox regulation to avoid over-chlorination problems as much as possible. The electrolysis unit coupling contact can only limit this effect if the pool is regularly uncovered. Water parameter checks must be carried out at least twice per week.

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SLIP EN 16 852-1 NORM:

The requirements of the standard on means of access:

Access	Classification group minimal
Degree of ladder	A
Step	A
Slope	B

Slip resistance:

Classification group	Critical angle
A	12° to 17°
B	18° to 23°
C	From 24°

2026 WARRANTIES

AUTOMATIC SLATTED COVERS AND SLATS

ROLLINSIDE, ROLLFIT, ROLLIN, ROLLENERGY EVOLUTION, TIXIT, CONTURA, MOON, PURE SERIE, ROLLEASY 2, ROLLOVER, CF ALU SERIE, MOOVE'O, OPAQUE PVC 69 SLATS, OPAQUE PVC 84 SLATS, SOLAR POLYCARBONATE SLATS AND OPAQUE POLYCARBONATE SLATS

DEL CF TRUST THE POOL EXPERTS



CF group warrants:

- the reel system for 2 years.
- the tubular motor for 5 years.
- the dry pit motor for 3 years.
- above-ground automatic cover motors for 3 years (2 years for Rolleasy 2 and CF Alu Serie above-ground automatic slatted covers).
- the control box for 2 years.
- the Securiwall for 2 years.
- the batteries for 1 year.
- the solar sensors for 2 years.
- the LED lighting and Pool Sound option for 2 years.
- the opaque PVC 69 slats for 3 years.
- the opaque PVC 84 slats for 3 years.
- the solar polycarbonate slats for 5 years against distortion due to temperature, and damage caused by hail.
- the opaque polycarbonate slats for 5 years

In general, the warranty covers all manufacturing defects.

The warranty will be void if repairs and/or modifications and/or adaptations were made without taking our technical recommendations into account.

It covers all the electric equipment (motors, correct operation of limit switches and control box) on the explicit condition that the wiring between the control box and the motorisation has been installed according to the assembly instructions, especially in terms of wire size depending on its length, and the French C 15-100 standard.

Similarly, the warranty for in-ground automatic slatted covers with a tubular motorisation will only apply if the watertightness kit composed of a connection box and all connection technology provided has been fully installed according to our instruction manual.

It only takes effect if the retailer or installer notifies our company and returns the defective parts to us for examination.

The warranty is limited to the replacement of defective parts (in normal conditions of use), and does not include costs of dismantling and reassembly, or compensation.

CF group will assess the application of the warranty in case of appearance defects on our decking. Colour-fastness is not covered by the warranty.

The liability of CF group cannot be incurred for personal injuries, material damage or loss of earnings (penalties).

No compensation can be claimed for any reason whatsoever.

2026 WARRANTIES

AUTOMATIC SLATTED COVERS AND SLATS

ROLLINSIDE, ROLLFIT, ROLLIN, ROLLENERGY EVOLUTION, TIXIT, CONTURA, MOON, PURE SERIE, ROLLEASY 2, ROLLOVER, ALU SERIE, MOOVE'O, OPAQUE PVC 69 SLATS, OPAQUE PVC 84 SLATS, SOLAR POLYCARBONATE SLATS AND OPAQUE POLYCARBONATE SLATS

DEL CF TRUST THE POOL EXPERTS

Recommendations:

- The upwards and downwards movements of the slats in the water near the coping must be done with sufficient space to avoid touching the edges of the coping (if necessary, disk the coping).
- In summer and in winter, do not cover slats with products not designed to do so, the slats risk warping, except for the Ivernea (in autumn and winter) or the Ivernea Plus (all seasons).
- Never leave objects on the cover (towels, buoys, etc.) because, in direct sunlight, the slats would be locally expanded and the warranty would be void.
- In the case of hard frost, it is strictly prohibited to exert any pressure on slats.
- For overflow pools, if there is a storm, make sure precautions have been taken to prevent the cover from being blown off.
- Rubbish, leaves and other dirt must be taken off the slats (otherwise, irreversible brownish stains will appear on the slats and this biological phenomenon does not fall within the scope of our warranty).
- In the case of the use of salt electrolysis, the installation of a pool earth connect to the cover is imperative.

Recommendations for use, care and maintenance: available on p. 277 and in the product installation manuals.

Are excluded from the warranty:

- Damage due to transport.
- Assemblies or installations which are defective or do not comply with our installation instruction.
- Modifications made to the goods without the agreement of the manufacturer.
- Consequencies of the installation of product component or complement not supplied by DEL, without preliminary agreement by DEL.
- Connection or voltage errors.
- Abnormal wear due to the incorrect fitting of the tube.
- Wear to the engine and box due to non-compliance with wiring rules.
- The polycarbonate slat warranty does not apply if the pool water is treated with bromine or products containing bromine.
- Variations over the years in the colour of PVC and solar polycarbonate slats due to the weather conditions to which the slats are exposed.
- Variations in the appearance of the black joints of opaque PVC 84 slats in cases of non-compliance with the requirements of NF EN 16713-3 regarding water treatment, and in particular in cases of unbalanced water.
- Condensation that occurs naturally in polycarbonate slats.
- Deformation of the slats due to the difference in temperature between their underside in contact with the water and their upper side in contact with the air and exposed to the sun: the slats may temporarily show a vertical curve, causing their ends to lift or sink. This deformation is temporary and reversible when temperatures return to normal. When this deformation is present, safety is not affected.
- Variations in appearance, particularly in colours, of ipe and ceramic stoneware deckings, including within the same batch.

Log on to https://www.del-piscine.fr/en/ to view all our warranties.

2026 WARRANTIES

BAR COVERS AND REEL SYSTEMS FOR BAR COVERS

DEL PREMIUM, DEL CLASSIC, CF COVERKIT

DEL CF TRUST THE POOL EXPERTS

3 years WARRANTY FULL WARRANTY

The fabric and aluminium bars have a 3-year warranty for all material and/or manufacturing defects starting from the delivery date.

The other parts (strap, handle, stainless steel anchors, fixing ring, anti-abrasion pads, anti-abrasion bands, end caps) have a 1-year warranty for all material and/or manufacturing defects starting from the delivery date.

Snags, holes and tears and well as the fastness of colours cannot be guaranteed.

The colour-fastness between the lackered aluminium tubes and the PVC cannot be guaranteed.

This warranty is subject to the strict compliance with the installation and care instructions.

The warranty does not apply to visible defects. Are also excluded, defects and damage caused by normal wear and tear (for example, rubbing on coping), defects resulting from non-compliant assembly and/or use (for example, failure to remove snow, strong winds in excess of 70 km/h for the DEL Classic B-1.1, DEL Classic B-1.0, DEL Premium B-2.0, DEL Premium Easy B-2.4 models, strong winds in excess of 90 km/h for the DEL Premium B-2,1, DEL Premium Universal B-2.2, DEL Premium Color B-2.3 and CF Coverkit, or violent hail storms), the bending of bars caused by too heavy loads and product alterations carried out without DEL's prior written consent. In windy regions, we strongly recommend fitting your cover with a wind kit and water bags. The snow kit is not an alternative to removing snow from the cover. Snow must be removed from the cover as quickly as possible. The cover must then be rolled during the snowy spell.

Limits to use: not suitable for infinity pools; water level kept at between 7 and 20 cm (between 7 and 15 for CF Coverkit) under the coping (during use and in winter); B-1.0 and B-2.0 model: pool 5 m wide and 10 m long maximum; B-1.1 model: pool 5 m wide and 12 m long maximum; CF Coverkit model : pool 4 m wide and 9 m long maximum; other models: pool 5.50 m wide and 12 m long maximum.

Wintering: do not lower the water level during the winter period or when using the cover, add wintering chemicals before installing the cover, take all necessary precautions to prevent the water from overflowing (install an overflow) or the piping and wall units from freezing (provide caps, gizzmos and wintering floats to prevent the pool from being damaged).

Reel systems for bar covers:

Roll-e has a 2-year warranty in normal conditions of use.

Padolo has a 2-year warranty in normal conditions of use.

Log on to https://www.del-piscine.fr/en/ to view all our warranties.

2026 WARRANTIES

WINTER COVERS

LAKE, COVEA, SUPERGREEN, INITIAL

3 years WARRANTY
FULL WARRANTY

CF group warrants its Lake, Covea, Supergreen and Initial covers 3 full years except for wear on the coping.

COVEA PRIMA

2 years WARRANTY
DEGRESSIVE

CF group warrants its Covea Prima cover 2 degressive years except for wear on the coping.

FLOATING WINTER COVER

3 years WARRANTY
FULL WARRANTY PVC

2 years WARRANTY
DEGRESSIVE PE

CF group warrants its Floating winter cover 3 full years with PVC material and 2 years degressive with PE material.

IVERNEA, IVERNEA PLUS (WINTER SHIFTS)

2 years WARRANTY
FULL WARRANTY

CF group warrants its Ivernea and Ivernea Plus winter shifts 2 full years except for wear on the coping.

LAKE, COVEA, COVEA PRIMA, SUPERGREEN, INITIAL, IVERNEA, IVERNEA PLUS

In the event of particularly abrasive coping and/or a pool exposed to wind (seaside, prevailing winds, etc.), it is up to the installer to protect the cover from risks of abrasion on the coping and to ballast the cover so that it is not blown off. Any contested cover must be returned to us carriage paid for examination.

Snags, holes and tears and well as the fastness of colours cannot be guaranteed.

All covers must be stored away when they are not installed on the pool.

This cover is not a substitute for common sense or personal responsibility.

Its aim is not to be a substitute for the vigilance of parents and/or responsible adults, which remains the essential factor in the protection of young children.

Log on to https://www.del-piscine.fr/en/ to view all our warranties.

2025 WARRANTIES

BUBBLE COVERS / FOAM COVERS

ALVEOLAR COVERS (DARK, CLEAR, EXTRA, MIDNIGHT, SUNDOWN)

DEL

6 years WARRANTY DEGRESSIVE

4 years WARRANTY DEGRESSIVE

550 microns bubble covers with "Alveolar technology" are warrantied for 6 summer seasons with a degressive rate of 15%.
400 microns bubble covers with "Alveolar technology" are warrantied for 4 summer seasons with a degressive rate of 25%.
The wearing of coping or the area around the pool is not covered by the warranty.

ROUND COVERS (CRYSTAL BLUE, BLUE BLUE, OPAQUE GREY)

DEL

3 years WARRANTY DEGRESSIVE

2 years WARRANTY DEGRESSIVE

500 microns summer covers are warrantied for 3 years with a degressive rate of 25 %.
400 microns summer covers are warrantied for 2 years with a degressive rate of 50%.
Example:
- a 500 microns cover installed in 2020 and replaced in 2023, i.e. 3 years - 75% degressive rate.
- a 400 microns cover installed in 2021 and replaced in 2022, i.e. 1 year - 50% degressive rate.

ISODEL

DEL

2 years WARRANTY

Isodel covers are warrantied for 2 years in normal conditions of use (temperature < 30°C).

ALVEOLAR COVERS, ROUND COVERS (BLUE BLUE, OPAQUE GREY), ISODEL

These covers must be protected with a protective tarpaulin when they are not on the pool. These covers must be placed away from frost in winter.
The wearing of coping or the area around the pool is not covered by the warranty. Dimensional stability: 1%.
Do not leave the bubble cover on during shock treatment (48 hours).
Rinse the cover using clean water 2 to 3 times per season. Before taking it in for winter, rinse thoroughly and leave to dry.

Summer cover water treatment: in compliance with applicable legislation (French decree n° 81324 of 7.4.81), swimming pool water treated with chlorine must comply with the following values: pH between 6.9 et 7.7 active free chlorine between 0.4 and 1.4 mg/L - combined chlorine max 0.6 mg/L - TH and TAC between 10 and 30 °f.
Foam cover water treatment: in compliance with applicable legislation (French decree n° 81324 of 7.4.81), swimming pool water treated with chlorine must comply with the following values: pH between 6.9 et 7.7 active free chlorine between 0.4 and 1.4 mg/L - combined chlorine max 0.6 mg/L - TH and TAC between 10 and 30 °f.

Never use the Isodel cover or summer covers for outdoor overflow pools because of the surface area exposed to the wind (unless previously agreed with our technical service).

Log on to https://www.del-piscine.fr/en/ to view all our warranties.

2025 WARRANTIES

REEL SYSTEMS

MOTORIZED BORNE, DELINOX, MURAL, ORION, VEGA, JUPITER, NEPTUNE

DEL

3 years WARRANTY

2 years WARRANTY CONTROL BOX & MOTOR

CF group warrants its reel systems for 3 years, except for the electrical part which has a 2-year warranty (control box and motor).

In general, the warranty covers all faults or manufacturing defects. It only takes effect if the retailer or installer notifies our company and returns the defective parts to us for examination. The warranty is limited to the replacement of defective parts (in normal conditions of use); the labour necessary for reconditioning (dismantling and reassembly) is borne by the installer. Our liability cannot be incurred for personal injuries, damage to property or shortfalls (penalties). No compensation can be claimed for any reason whatsoever. The warranty is limited depending on uses: bubble covers and Isodel foam cover depending on the dimensions specified in our catalogue or product sheet.

Are excluded from the warranty:

- Damage during transport
- Assemblies or installations which are defective or do not comply with our notice
- Modifications made to the goods without the agreement of the manufacturer
- Connection or voltage errors
- Wear to the engine and box due to non-compliance with wiring rules
- Corrosion.

Log on to https://www.del-piscine.fr/en/ to view all our warranties.

ADMINISTRATIVE DOCUMENTS

OVERVIEW FOR EQUIPMENT WARRANTIES

DESIGNATION	WARRANTY (EXCEPT WEARING PARTS)*	PAGES
White goods (except Lighting) CF PREMIUM, CF COMFORT, CF	5 years	294 to 298
Lighting CF PREMIUM	2 years	299
WATERCOM CF	Tank 10 years + Accessories 2 years	313
Sand filters CF COMFORT, CF TOP/SIDE (ex XEO TOP/SIDE)	Tank 10 years + Accessories 2 years	310 to 312
Automatic filtration valve CF	5 years	316
Cartridge filter CF, CF Multi-elements filter	Tank 10 years + Accessories 2 years	309 and 310
Filtration pumps CF PREMIUM, CF PREMIUM VS	5 years no exclusion	320 and 321
Filtration pumps CF COMFORT, CF COMFORT VS	3 years no exclusion	324 and 325
Filtration pump CF VS	2 years no exclusion	326
Technical rooms POOL PARTNER	2 years	328
Multifunction custom-made cabinets for commercial swimming pools	2 years	330 and 331
Custom-made control boxes for private swimming pools	3 years	332 and 333
Connected clock SWITCH CONNECT	2 years	334
CF VS Flow regulator	2 years	335
Control boxes CF PREMIUM, CF COMFORT	3 years	336 and 337

DESIGNATION	WARRANTY (EXCEPT WEARING PARTS)*	PAGES
Control box CF	2 years	338
INFINITY kit	2 years	339
LEVEL CONTROL SOLO	2 years	341
Level control boxes 7- and 3-sensors, Switch box CF, Heat pump box CF, additional control boxes CF	2 years	340, 342 and 343
Heat pump CF PREMIUM VERTICAL R290	Heat pump 3 years + Compressor 5 years	346 and 347
Heat pump CF PREMIUM SILENT FLOW	Heat pump 3 years + Compressor 10 years	348 and 349
Heat pump CF COMFORT INVERTER R290/ R32	Heat pump 3 years	350 and 351
Heat pumps VITALIA COMFORT INVERTER, VITALIA ON/OFF	Heat pump 3 years + Exchanger, lifetime warranty against corrosion	352 and 353
Pool cleaners CF 1000 PRO, CF 2000 PRO, CF 3000CL PRO	3 years	358 and 359
Pool cleaners CF 45CL, CF 100CL, CF 200CL, CF 350CL, CF 400CL	2 years	361 and 362
Pool cleaners CF ZEN 40, CF ZEN 20	2 years	363
Pro water vaccum cleaner	5 years	364
Outdoor equipment SMART LIGHT	2 years	366 and 367
Solar shower EASY, Solar showers CF	2 years	368

** The warranty applies with exception to the wearing parts, in the normal course of use in accordance with the definition and specifications specified by the manufacturer.*

OVERVIEW FOR EQUIPMENT WARRANTIES

Warranty exclusions:

- **White goods:** bridle and seals.
- **Sand filters:** lid, seals and manometer.
- **Cartridge filters:** seals and manometer.
- **Filtration pumps:** lid, seals, basket and mechanical seal.
  For CF pumps, bearings and mechanical seals are guaranteed for 3 years for CF Premium pumps and 2 years for CF Comfort and CF VS pumps.
- **Heat pumps:** seals and condenser.
- **Cleaners:** foam or brushes, filter elements or bags, belts, tracks or tires.
- **Showers:** filtration pumps.

** The warranty applies with exception to the wearing parts, in the normal course of use in accordance with the definition and specifications specified by the manufacturer.*

ADMINISTRATIVE DOCUMENTS

ISI-MIROIR (REQUEST FOR QUOTATION)

Please send this completed document to ***export@cf.group***

Customer account N°:	Work-site reference:	Request date:

Company contact details:

Name:.....

Postcode:..... City:..... Country:.....

Phone:.....

E-mail:.....

Delivery address:

Name:.....

Address:.....

Postcode:..... City:..... Country:.....

Phone (contact person):.....

ISI-MIROIR

POOL STRUCTURE

☐ Masonry ☐ Formwork ☐ Polystyrene blocks ☐ Other:.....

Wall thickness:.....

Average depth or sectional drawing with height:.....

Inside pool dimensions: w:..... x l:.....

POOL COATING

☐ Reinforced membrane ☐ Tile ☐ Marbled silico ☐ Polyester ☐ Other:.....

EQUIPMENT AND OPTIONS

☒ Isi-Miroir kit including: channel, corner channel, installation kit installation kit and adjustable support for finishing stone channel
☐ Water level control box
☐ Control box for water level, power supply and programming for filtration pumps and booster pumps
☐ Angle bracket if different lining between the pool and the and the reinforced membrane on the channels
☐ Colaminated sheet metal angle bracket for reinforced membrane installation

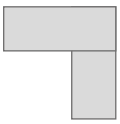
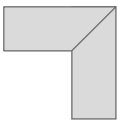
☐ HDPE grid for pebble-finish on the channel
☐ Isi-Level to level the pool in case of defective masonry (flatness defect higher than 2 mm)
☐ Custom-made corner channel if other than 90°
☐ Closing kit if non-continuous overflow on the 4 sides
☐ Filtration pump
☐ Sand filter
☐ Cartridge filter
☐ Booster pump

COVERING STONE FOR CHANNEL AND OVERFLOW

☐ Porcelain stoneware channel coverings (colour or aspect): Lenght: ◯ 60 cm ◯ 120 cm
◯ Anthracite grey ◯ Light grey ◯ Waxed concrete ◯ Beige ◯ Wood (except 60 cm) ◯ Black ◯ Travertine

☐ Covering of the overflow in porcelain stoneware (color or aspect): Lenght: ◯ 60 cm ◯ 120 cm
◯ Anthracite grey ◯ Light grey ◯ Waxed concrete ◯ Beige ◯ Wood (except 60 cm) ◯ Black ◯ Travertine

Width of the overflow:..... cm (29 cm maximum)

Finish of the slabs for the channel covering: ☐  ☐ 

ADDITIONAL REQUESTS

☐ Hydraulic study ☐ Reinforced membrane layout

SCHEME AND DIMENSIONS OF THE PROJECT

I would like to be contacted for further details or for an information request.

NAME and Firstname:..... Phone:.....

PACKING DETAILS FOR CUSTOM-MADE PRODUCTS

For a 5.00 x 10.00 m pool.

LINERS

- 0.60 x 0.60 x 0.60 m - liner < 100 m²
- 0.70 x 0.70 x 0.60 m - liner > 100 m²

IN-GROUND AUTOMATIC COVERS

▶ ROLLINSIDE 1 SIDE

- Tube: 1 package: 5.00 x 0.15 x 0.15 m - 40 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- 69 PVC opaque or polycabonate slats:
  5 packages: 5.10 x 0.25 x 0.20 m - 200 kg.
- Beam: 2 packages: 5.02 x 0.15 x 0.15 m - 58 kg.
- Decking: 1 pallet: 1.20 x 1.00 x 0.50 m - 44 kg.
- Motorisation kit + locking kit:
  1 package: 0.80 x 0.60 x 0.50 m - 41 kg.
- Beam support: 1 package: 0.75 x 0.25 x 0.15 m - 10 kg.
- Mechanical wall unit: 1 package: 0.30 x 0.20 x 0.20 m - 5 kg.
- Beam support wall unit: 1 package: 1.00 x 0.20 x 0.20 m - 10 kg.
- Total weight: 395 - 405 kg.

▶ ROLLFIT

- Tube: 1 pack: 5.05 x 0.15 x 0.15 m - 45 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- 69 PVC opaque or polycabonate slats:
  5 packages: 5.10 x 0.25 x 0.20 m - 200 kg.
- Beam: 2 packages: 5.05 x 0.25 x 0.20 m - 60 kg.
- Decking: 1 pallet: 1.20 x 1 x 0.50 - 120 kg.
- Motorisation kit: 1 pack: 0.80 x 0.60 x 0.50 - 20 kg.
- Total weight: 435 - 445 kg.

▶ ROLLIN, ROLLENERGY EVOLUTION

- Tube: 1 pack: 5.10 x 0.15 x 0.15 m - 40 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- 69 PVC opaque or polycabonate slats:
  5 packages: 5.10 x 0.25 x 0.20 m - 200 kg.
- Beam: 1 package: 5.10 x 0.15 x 0.15 m - 34 kg.
- Decking: 1 pallet: 1.20 x 1.00 x 0.50 m - 100 kg.
- Motorisation kit: 1 package: 0.65 x 0.35 x 0.35 m - 20 kg.
- Beam support: 1 package: 0.30 x 0.20 x 0.20 m - 10 kg.
- Locking kits 1 package: 0.30 x 0.20 x 0.20 m - 5 kg.
- Total weight: 400 - 410 kg.
- Securiwall: 1 package: 5.00 x 0.25 x 1.27 m - 80 kg.

ABOVE-GROUND AUTOMATIC COVERS

▶ TIXIT

- Tube: 1 package: 5.30 x 0.15 x 0.15 m - 25 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- End-stand: 1 pallet: 0.70 x 0.40 x 0.40 m - 22 kg.
- Total weight: 250 kg.

▶ CONTURA

- Tube: 1 package: 5.30 x 0.15 x 0.15 m - 25 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- End-stand: 1 pallet: 0.80 x 0.60 x 0.55 m - 40 kg.
- Total weight: 265 kg.

▶ MOON

- Tube: 1 package: 5.30 x 0.15 x 0.15 m - 25 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- End-stand: 1 pallet: 0.80 x 0.60 x 0.50 m - 25 kg.
- Total weight: 250 kg.

▶ PURE SERIE

- Tube: 1 package: 5.30 x 0.15 x 0.15 m - 25 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- End-stand: 1 pallet: 0.80 x 0.60 x 0.50 m - 25 kg.
- Total weight: 250 kg .

▶ ROLLEASY 2

- Tube: 5.30 x 0.15 x 0.15 m - 25 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- End-stand: 0.50 x 0.45 x 0.35 m - 15 kg.
- Total weight: 240 kg.

▶ ROLLOVER

- PVC Electric model - Tube: 1 package: 5.65 x 0.80 x 0.80 m - 125 kg.
- IPE Electric model - Tube: 1 package: 5.65 x 0.80 x 0.80 m - 335 kg.
- PVC Solar model - Tube: 1 package: 5.65 x 0.80 x 0.80 m - 165 kg.
- IPE Solar model - Tube: 1 package: 5.65 x 0.80 x 0.80 m - 300 kg.
- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.

MOBILE AUTOMATIC COVER

▶ MOOVE'O

- Moove'O + locking kits: 1 package: 5.70 x 0.80 x 0.70 m - 90 kg.
- Slats: 5 packages: 5.10 x 0.25 x 0.20 m - 250 kg.
- Weight: 340 kg.

SLATS

- 84 PVC opaque slats:
  4 packages: 5.10 x 0.39 x 0.11 m - 190 kg.
- 69 PVC opaque or polycabonate slats:
  5 packages: 5.10 x 0.25 x 0.20 m - 200 kg.

BAR COVERS

- 1 pack: 0.30 x 0.30 x 6.00 m.
- Total weight: 80 kg.

WINTER COVERS - OPAQUE

- 0.80 x 0.60 x 0.35 m.
- Total weight: 37 kg.

WINTER COVERS - DEBRIS COVERS

- 0.60 x 0.60 x 0.60 m.
- Total weight: 20 kg (Supergreen).
- Total weight: 15 kg (Initial).

BUBBLE COVERS

- 1.20 x 0.50 x 0.50 m - summer < 25 m² (Alveolar bubble).
- 1.20 x 0.65 x 0.65 m - summer > 25 m² (Alveolar bubble).
- Between 0.50 x 0.50 x 0.40 m and 1.30 x 0.90 x 0.90 m depending on the cover volume (Round bubble).

TRANSPORT AND DELIVERY

HIGH SPEEDY SERVICES

SPEEDY LINER +

SPEEDY Liner +

USING THE SPEEDY SERVICE, YOUR LINER MANUFACTURED WITHIN 3 DAYS*

- **Order your liner before 12 am (French time) on www.my-cfgroup.fr.**
  For orders after 12 am (French time), our speed service lead time will start on the next day.
- **Receive your order confirmation on D+1***
  We undertake to send you an order registration confirmation on the day after you order.
  If there is missing information or incoherences, we will send you a request for further information.
  Our speedy service lead time warranty will then be suspended until the final confirmation of all the elements of your order.
- **Your liner will leave the factory on D+3***
  Your liner will be produced, checked and shipped at the latest on D+3*.

The speedy liner + service production lead time of D+3 applies throughout the year. Only available for online orders on www.my-cfgroup.fr. These are working days (not including weekends and bank holidays).

SINGLE PRICE +30%

For speedy service orders, at whatever period, a surcharge of +30% will be applied to your liner base price.

ALL YEAR
D+3

SPEEDY LINER

SPEEDY Liner

USING THE SPEEDY SERVICE, YOUR LINER MANUFACTURED WITHIN 4 DAYS*.

- **Order your liner before 6 pm (French time).**
  For orders after 6 pm (French time), our speed service lead time will start on the next day.
- **Receive your order confirmation on D+1***
  We undertake to send you an order registration confirmation on the day after you order.
  If there is missing information or incoherences, we will send you a request for further information.
  Our speedy service lead time warranty will then be suspended until the final confirmation of all the elements of your order.
- **Your liner will leave the factory on D+4***
  Your liner will be produced, checked and shipped at the latest on D+4*.

The speedy service production lead time of D+4, D+5 or D+6 applies depending on the period defined in the table opposite. These are working days (not including weekends and bank holidays).

SINGLE PRICE +20%

For speedy service orders, at whatever period, a surcharge of +20% will be applied to your liner base price.

FROM NOVEMBER TO MARCH	APRIL	FROM MAY TO AUGUST	SEPTEMBER, OCTOBER
D+4	D+5	D+6	D+5

TRANSPORT AND DELIVERY

HIGH SPEEDY SERVICES

SPEEDY SLATTED COVER

SPEEDY **Slatted Cover**

USING THE SPEEDY SERVICE, YOUR AUTOMATIC SLATTED COVER MANUFACTURED WITHIN 5 DAYS*

- **Order your cover before 6 pm (French time).**
  For orders after 6 pm (French time), our speed service lead time will start on the next day.
- **Receive your order confirmation on D+1***
  We undertake to send you an order registration confirmation on the day after you order.
  If there is missing information or incoherences, we will send you a request for further information.
  Our speedy service lead time warranty will then be suspended until the final confirmation of all the elements of your order.
- **Your cover will leave the factory on D+5***
  Your automatic slatted cover will be produced, checked and shipped at the latest on D+5*.

The speedy service production lead time of D+5, D+6 or D+7 applies depending on the period defined in the table opposite. These are working days (not including weekends and bank holidays). The speedy service is limited to automatic covers ≤ 6 m and does not cover the Moove'O, the Rollover, blue PVC slats, coloured polycarbonate slats, ceramic stoneware, decking with factory covering and non standard decking.

SINGLE PRICE +10%

For speed service orders, at whatever period, a surcharge of +10% will be applied to your automatic cover base price.

FROM NOVEMBER TO MARCH	APRIL	FROM MAY TO AUGUST	SEPTEMBER, OCTOBER
D+5	D+6	D+7	D+6

SPEEDY BAR COVER

SPEEDY **Bar Cover**

USING THE SPEEDY SERVICE, YOUR BAR COVER MANUFACTURED WITHIN 4 DAYS*.

- **Order your bar cover before 6 pm (French time).**
  For orders after 6 pm (French time), our speed service lead time will start on the next day.
- **Receive your order confirmation on D+1***
  We undertake to send you an order registration confirmation on the day after you order.
  If there is missing information or incoherences, we will send you a request for further information.
  Our speedy service lead time warranty will then be suspended until the final confirmation of all the elements of your order.
- **Your bar cover will leave the factory on D+4***
  Your bar cover will be produced, checked and shipped at the latest on D+4*.

The speedy service production lead time of D+4, D+5 or D+6 applies depending on the period defined in the table opposite. The speedy service is only available for Premium covers. These are working days (not including weekends and bank holidays).

SINGLE PRICE +20%

For speed service orders, at whatever period, a surcharge of +20% will be applied to your bar cover base price.

FROM NOVEMBER TO MARCH	APRIL	FROM MAY TO AUGUST	SEPTEMBER, OCTOBER
D+4	D+5	D+6	D+5

SPEEDY BUBBLE

SPEEDY **Bubble**

USING THE SPEED SERVICE, YOUR BUBBLE COVER MANUFACTURED WITHIN 3 DAYS*.

- **Order your bubble cover before 6 pm (French time).**
  For orders after 6 pm (French time), our speed service lead time will start on the next day.
- **Receive your order confirmation on D+1***
  We undertake to send you an order registration confirmation on the day after you order.
  If there is missing information or incoherences, we will send you a request for further information.
  Our speedy service lead time warranty will then be suspended until the final confirmation of all the elements of your order.
- **Your cover will leave the factory on D+3***
  Your bubble cover will be produced, checked and shipped at the latest on D+3*.

The speedy service production lead time of D+3, D+4 or D+5 applies depending on the period defined in the table opposite. These are working days (not including weekends and bank holidays). The speedy service is only available for dark and clear alveolar cover, does not cover Midnight, Sundown, Extra covers with round bubble, Jumbos, free-forms and templates.

SINGLE PRICE +20%

For speed service orders, at whatever period, a surcharge of +20% will be applied to your bubble cover base price.

FROM NOVEMBER TO MARCH	APRIL	FROM MAY TO AUGUST	SEPTEMBER, OCTOBER
D+3	D+4	D+5	D+3

GOODS RECEIPT PROCEDURE

CHECKING THE PACKAGES AND THE GOODS

When you receive the goods, please observe the following steps:

1 **CHECK THE TRANSPORT DOCUMENTS** and labels on the packages to ensure that the goods are intended for you.

2 **CHECK THAT THE NUMBER OF PACKS** corresponds to the quantity indicated on the transport slip.

3 **CHECK THE EXTERNAL APPEARANCE OF THE PACKAGES.**

4 **OPEN THE PACKAGES** in the presence of the driver (even if they do not appear to be damaged).

5 **ON THE WAYBILL INDICATE:** date and time received, name and signature.

RESERVES IN THE EVENT OF DAMAGE (VISIBLE DAMAGE)

If the packages or lengths are damaged, or if their external condition suggests that the goods may have suffered damage, you have two possibilities:

- Either totally or partially reject the delivery,
- Or accept it with **WELL DEFINED reserves indicating that the equipment is damaged (see example below)**

In both cases, this is the procedure to follow:



1 **MAKE SIGNIFICANT AND FULL RESERVES DESCRIBING THE DAMAGE** on the transport receipt indicating:

- **The number of missing or damaged packages**
- **The type of damage found:** indicate the quantity and which parts are involved, take photos.

These are a few examples of reserves:

INVALID RESERVES	VALID RESERVES
On condition of unpacking and checking	
Goods damaged, discovered after unpacking	2 packs damaged, 1 scratched tube, 15 slats crushed
Packs crushed, signs of impacts...	Cutter slash on the box, leading to slashed bubble cover
Packages open, one package missing	Packages open: X missing parts

2 Send a registered letter with acknowledgement of receipt to the transporter to confirm the same reserves, at the latest 3 days after receipt of the goods.

3 Notify us by email (export@cf.group), of the type of damage within 3 days and attach a copy of the registered letter and the waybill.

These 3 actions are required to engage the transporter's liability.

Failing these 3 formalities, the goods are considered to have been delivered in good condition and no claims against the transporter will be possible. The eventual damaged or missing items will be fully at your expense.

Article L 133.3 of the French Code of Trade: *The receipt of the transported goods extinguishes all action against the transporter for damage or partial loss if, three days not including bank holidays after the receipt of the goods, the recipient has not notified the transporter of their complaint supported by evidence via a registered letter or extra-judicial document.*

TRANSPORT BREAKAGE NOTICE WITHOUT RESERVES

TO BE PHOTOCOPIED

DOCUMENT MUST BE FIXED TO THE PACKAGE

RETURN ADDRESSES

CUSTOM-MADE PRODUCTS

CF group France - DEL SAS
ZA La Croix Rouge
35530 Brécé
FRANCE

MATERIAL / EQUIPMENTS

CF group France - DEL SAS
95, rue du Santoyon – Parc d'Activités Chesnes-Le-Loup
38070 Saint-Quentin-Fallavier
FRANCE

NOTE: If no reserves have been made to the transporter, all returns of damaged equipment will be the subject of a repair or replacement estimate.

INFO

Notice to send to support@cf.group

ALL RETURNED EQUIPMENT MUST BE ACCOMPANIED BY THE RETURN NOTICE AND THE PURCHASE INVOICE (OR DELIVERY DOCUMENTS).

Return date: ..... /..... /.....

CUSTOMER DETAILS

CUSTOMER N°: ..... Company: .....

Contact: ..... Phone. : .....

E-mail: .....

Address: .....

Postcode:..... City: .....

Country:.....

EQUIPMENT DETAILS
(invoice or delivery document must be attached to the return pack)

PRODUCT REF.	DESCRIPTION	QUANTITY	INVOICE OR DELIVERY DOC. N°

RETURN PROCEDURE

1 - Send this return notice back by email.

2- Return the equipment accompanied by this return notice fixed to the packaging.

3 - Attach the **invoice** or delivery document.

REMINDER

Goods must be returned in their original packaging.

Return transport costs are borne by the customer if the customer made the error.

ADMINISTRATIVE DOCUMENTS

RETURN NOTICE NEW EQUIPMENT

TO BE PHOTOCOPIED

DOCUMENT MUST BE FIXED TO THE PACKAGE

RETURN ADDRESSES

CUSTOM-MADE PRODUCTS

CF group France - DEL SAS
ZA La Croix Rouge
35530 Brécé
FRANCE

MATERIAL / EQUIPMENTS

CF group France - DEL SAS
95, rue du Santoyon – Parc d'Activités Chesnes-Le-Loup
38070 Saint-Quentin-Fallavier
FRANCE

INFO

ALL RETURNED EQUIPMENT MUST BE ACCOMPANIED BY THE PURCHASE INVOICE OR DELIVERY DOCUMENT, AND THIS DOCUMENT.

Return date: ..... /..... /.....

CUSTOMER DETAILS

CUSTOMER N°: ..... Company: .....

Contact: ..... Phone. : .....

E-mail: ..... Fax: .....

Address: .....

Postcode:..... City: .....

Country:.....

EQUIPMENT DETAILS
(invoice or delivery document must be attached to the return pack)

PRODUCT REF.	DESCRIPTION	QUANTITY	INVOICE OR DELIVERY DOC. N°	END CUSTOMER REFERENCE

REASON FOR RETURN

☐ Customer error ☐ Error: CF GROUP FRANCE ☐ Other: _____

RETURN PROCEDURE

1 - Return the equipment along with this request stuck to the packaging.

2 - Provide proof of purchase for the equipment (Invoice or delivery document number).

REMINDER

Goods must be returned unused, and in their original packaging. A 50 % reduction for custom-made products and 15 % reduction for machinery/equipment will be applied for return to stock.

Return transport costs shall be borne by the customer.

REQUEST TO RETURN EQUIPMENT FOR AFTER SALES

TO BE PHOTOCOPIED

After sales equipment must be returned with the return approval sent by CF group France

RETURN ADDRESSES

CUSTOM-MADE PRODUCTS & MATERIAL / EQUIPMENTS

CF group France - DEL SAS
95, rue du Santoyon - Parc d'Activités Chesnes-Le-Loup
38070 Saint-Quentin-Fallavier - FRANCE

INFO

Notice to send to export@cf.group to obtain a return approval number.

ALL RETURNED EQUIPMENT MUST BE ACCOMPANIED BY ITS POST SALES AGREEMENT NUMBER SENT BY CF GROUP FRANCE, THE PURCHASE INVOICE OR DELIVERY DOCUMENT.

Return date: ..... /..... /.....

CUSTOMER DETAILS

CUSTOMER N°: ..... Company: .....

Contact: ..... Phone. : .....

E-mail: ..... Fax: .....

Address: .....

Postcode:..... City: .....

Country:.....

EQUIPMENT DETAILS
(invoice or delivery document must be attached to the return pack)

Equipment in question: ..... Brand: .....

Item REF. (if found): ..... Quantity: .....

SERIAL number: ..... Commissioning date: .....

(for warranties for appliance spare parts, you must note the serial n°)

Your end customer reference: .....

TYPE OF DOCUMENT TO ATTACH TO YOUR AFTER SALES RETURN REQUEST FOR WARRANTY PROOF (CHOICE)

☐ CF group France delivery document n°: _____ ☐ CF group France invoice n°: _____

☐ Invoice to your customer: _____

REASON FOR RETURN

WARRANTY CLAIM

☐ Repair under warranty
☐ Replacement under warranty
☐ Equipment already replaced*

REQUEST FOR A QUOTATION

☐ For repair
☐ For expertise

REPLACEMENT INVOICE or DELIVERY DOCUMENT : _____

* CAUTION all repairable equipment is repaired, only CF GROUP FRANCE can validate product replacement.

CUSTOMER DIAGNOSIS

RETURN PROCEDURE

1 - Obtain a return agreement (file n° sent by CF GROUP FRANCE).

2 - Return the equipment with the return approval.

3 - Provide proof of purchase for the equipment (Invoice or delivery document number, invoice to your customer).

REMINDER

The warranty only covers the replacement or repair of the defective part.

Return transport costs shall be borne by the customer.

INCOMPLETE REQUESTS MAY HAVE AN IMPACT ON OUR LEAD TIMES

ADMINISTRATIVE DOCUMENTS

HEAT BALANCE

TO PHOTOCOPY

Standard questionnaire for a computerized heating assessment.

INFO

Please return to support@cf.group

Date of the request: ..... /..... /.....

Customer N°*: ..... Company*: .....

E-mail: ..... Tel.: .....

PROJECT DETAILS

Site reference number*: .....

Height above sea level*: .....m Postcode*: ..... City: .....

Observations: .....

.....

.....

.....

Energy used*: Electricity: ◯ Three-phase ◯ Single-phase

Gas: ◯ Natural ◯ Propane ◯ Domestic oil

POOL

Length: ..... Width: ..... Average depth: .....

Surface area: ..... m^2 Volume ..... m^3

Location: ◯ outdoors / in-ground ◯ outdoors / above-ground

◯ outdoors / under shelter ◯ indoors / air heated at +2 °C Vs water

Attendance: ◯ private ◯ semi-public ◯ public

WATER HEATING

Desired temperature*: .....C° Filtration time: .....

Period in use*: from ..... to .....

Pool with cover*: ◯ Solar Cover ◯ Solar polycarbonate slatted cover ◯ Opaque cover

◯ Opaque PVC slats covers or Foam cover ◯ Bare pool (not recommended)

Overflow pool*: ◯ chute ◯ waterfall ◯ no

Attractions*: ◯ counter swim ◯ spa

Exposure to wind*: ◯ low ◯ medium ◯ high

Exposure to sun*: ◯ indoor or shadowed area ◯ medium ◯ high

AIR HEATING OF THE ROOM FOR INDOOR SWIMMING POOLS

Desired room temperature*: .....C° Volume of the room*: ..... m^3

Room's insulation: ◯ little glazing, well insulated ◯ much double glazing, well insulated

◯ fixed shelter, conservatory with double glazing ◯ telescopic shelter ◯ mezzanine

* Required fields.

OPENING AN ACCOUNT / CUSTOMER DETAILS' UPDATE

Dear customer,
Kindly return this document fully completed together with the General Sales Terms & Conditions duly dated and signed **by email to export@cf.group**

These documents are essential to the opening/update of an account.

GENERAL INFORMATION

Company name: .....

Are you: ☐ Pool builder ☐ Distributor Else (precise): .....

Brand or network membership: ☐ Yes ☐ No If yes, please indicate which one: .....

Address: .....

Postcode: ..... Town/City: ..... Country: .....

E-mail: ..... Phone: +.....

LEGAL INFORMATION

FPP member: ☐ Yes ☐ No

European VAT no.: ☐☐☐☐☐☐☐☐☐☐☐☐☐☐

Company legal form: ..... Capital : .....

SALES INFORMATION

DIRECTOR:

☐ Mr ☐ Mrs Name: ..... Firstname: .....

Date of birth : ☐☐/☐☐/☐☐☐☐ Phone : ..... E-mail : .....

OTHER CONTACTS :

Name: ..... Firstname: ..... Position: .....

Phone : ..... E-mail : .....

ACCOUNTING INFORMATION

ACCOUNTANT:

Name: ..... Firstname: .....

Phone : ..... E-mail : .....

All the invoices shall be sent to the following e-mail : .....@.....

Payment terms and conditions: Orders must be fully paid in advance by bank transfer in € upon receipt of the order confirmation. No financial discount will be granted for early or cash payments. If credit is agreed between the parties, invoices are payable at 30 days net from the invoice date, without any financial discount. Furthermore, custom-made orders, spa and counter-current pools or non-catalogue orders may be subject to a request for a deposit.
Any significant deterioration in the financial situation of the customer and/or significant delays in payments and/or repeated delays, even after partial fulfilment of previous orders, will entitle CF GROUP FRANCE - DEL SAS to revise the payment terms and in particular to require the payment of a deposit or full payment of a future order. If the customer refuses, CF GROUP FRANCE - DEL SAS will be entitled to cancel the order.
The signatory acknowledges having read the attached general sales terms and conditions. The general sales terms and conditions featured in all our documents apply to all transactions carried out by our company. Issuing a purchase order implies their acceptance.
In compliance with French Act 78-17 of 6 January 1978 amended by Act n°2018-493 of June 20 2018, it is reminded that personal data (such as surname, first name, address, email address using the surname, mobile phone n°, etc.) which is requested from the customer is required to process their order, issue invoices and for proper customer relationship management.
This data may be communicated to eventual CF GROUP France - DEL SAS partners in charge of order fulfilment, processing and payment.
The processing of personal data communicated via the "www.my-cfgroup.fr" web site meets legal data privacy requirements.
In compliance with applicable French national and European regulations, covering the relevant personal data (surname, first name, address, email address using the surname, mobile phone n°, etc.), customers have a permanent right to access, alter, correct, oppose, limit, erase this data, as well as a right to its portability, to provide instructions on its use after their death, to withdraw their consent (when given) and a right to make a complaint to the relevant authority.

Company stamp: Date:	Name, position and signature: *followed by "read and approved"*

ADMINISTRATIVE DOCUMENTS

FORM TO BE COMPLETED IN CASE OF NON-CONFORMING ORDER RECEIPT

TO BE PHOTOCOPIED

INFO

Notice to send to export@cf.group

PROCESSING TIME OF 72 HOURS - AN INCOMPLETE APPLICATION WILL NOT BE PROCESSED

Request date: ..... /..... /.....

CUSTOMER DETAILS

CUSTOMER N°: ..... Company: .....

Contact: ..... Phone. : .....

ORDER DETAILS

CF GROUP FRANCE order n°: .....

Or invoice n° :.....

Or delivery document n°: ..... and worksite reference:.....

PRODUCT DETAILS

Concerned product: .....

Product reference: ..... Quantity: .....

REASON

- ☐ Missing
- ☐ Colour error
- ☐ Dimensional error
- ☐ Wrong product received
- ☐ Other: .....

DESCRIPTION

(Explain the problem encountered - If there is a problem with the dimensions, please indicate the dimensions of the product received)

.....

.....

SUPPORTING DOCUMENTS

Mandatory

- Picture of the label of the package concerned
- Picture of the product(s) received
- In case of missing parts: photo of the leaflet with the relevant part(s) circled

GENERAL TERMS AND CONDITIONS OF SALE

AU 01/01/2026

ART 1. SCOPE OF APPLICATION

In accordance with Article L 441-1 of the French Commercial Code, these general terms and conditions of sale establish the only basis of the commercial relationship between the parties. They take precedence over any of the customer's general terms and conditions of purchase from DEL (Diffusion Equipements Loisirs) (hereinafter referred to as «DEL»), a simplified joint stock company with capital of € 2,300,000, registered with the Rennes Trade and Companies Register under number 303 355 671, whose registered office is located at la Basse Croix Rouge, 35530 BRÉCÉ.

All orders placed by clients imply their acceptance of these General Terms and Conditions of Sale and of the general terms and conditions of use of our website www.my-cfgroup.fr for electronic orders.

In accordance with current regulations, DEL reserves the right to deviate from certain clauses of these General Terms and Conditions of Sale, based on negotiations with the client, by means of a written amendment signed with the latter. DEL reserves the right to modify or adapt them at any time. The General Terms and Conditions of Sale shall be applicable to the order and only applied between professionals.

ART 2. OPENING AN ACCOUNT

A client account will only be created after full receipt of the duly completed application form, including a bank details form (RIB), KBIS or trade directory, as well as these signed General Terms and Conditions of Sale.

ART 3. ORDERS

3.1. All orders, even those taken by our representatives and distributors or electronically, are binding only after receipt of the client's written order followed by an acknowledgement of receipt from our Sales Administration department.

3.2. Custom-made or non-catalogue orders may not be cancelled by the client, nor may they be returned or exchanged, and the client shall remain liable for full payment of the order, unless DEL agrees to charge only for items obtained or manufactured in order to satisfy said orders. For all spa and swimming pool orders, a deposit of 50% may be required.

ART 4. PRICES- PRODUCTS

4.1. The prices indicated in this catalogue are in euros, excluding taxes and eco-contributions, and are based on current economic conditions. They do not include delivery charges. These prices may be revised at any time by DEL, without prior notice, notably due to changes in manufacturing components.

The price indicated will therefore be subject to VAT, as well as eco-contributions specific to product families and any other taxes.

In accordance with Article 62 of Law No. 2020-105 of February 10, 2020, on waste reduction and the circular economy (AGEC Law), which provides for the establishment of a unique identifier for all companies or entities subject to the principles of Extended Producer Responsibility (EPR), DEL has a unique identifier for each EPR sector (available on the ADEME's SYDEREP website): FR007382_058QRO (EPR WEEE Electrical and Electronic Equipment), FR218260_07UAAC (EPR for Chemical Products), FR007382_01EPCS (EPR for Household Packaging and Paper), FR007382_04QOUI (EPR for Building Construction Products and Materials). The share of the unit cost borne by DEL for waste management in each of the EPR sectors, as invoiced by the eco-organizations to which DEL belongs, is passed on in full to the Customer (professional buyer) without the possibility of a discount. This cost is indicated on order acknowledgments and invoices.

No French eco-contribution is charged for export sales.

4.2. DEL reserves the right to modify, at any time and without prior notice, the technical design of its products in order to improve product quality.

4.3. In the event of such modifications, DEL commits to informing its clients no later than at the time of the client's order and, where applicable, in the specific commercial proposal sent to the client.

4.4. Prices for packaging and transport are shown net and free of all discounts.

4.5. The client may not unilaterally change the price, for whatever reason, without the prior agreement of DEL. The client expressly waives the application of Article 1223 of the French Civil Code, as a price reduction can only occur through a joint agreement with DEL or a court decision.

ART 5. PAYMENT

5.1. Once an account has been opened, invoices are payable in full, with no discount, by Lettre de Change Relevé (electronic bill of exchange) within 30 days of the end of the month from the invoice issue date, subject to our Insurance and Credit Company's approval. Exceptionally, the first order must be paid in full by bank transfer or credit card at the time the order is placed in order to be approved. No discount shall be granted for cash payment at the time of order.

Any significant deterioration in the financial situation of the client and/or significant and/or repeated delays in payment, even after partial fulfilment of previous orders, shall entitle DEL to revise the terms of payment and demand the payment of a deposit or the full payment of a future order. In the event of client refusal, DEL shall be entitled to refuse said order.

5.2. Notwithstanding Article 5.1, payment for export shipments is made by bank transfer when the order is placed, or by bank transfer 30 days after the order is placed, subject to a credit limit granted by our Insurance and Credit Company, on an ex-works basis (EXW).

5.3. Any payment incident shall require DEL to send a registered letter with acknowledgement of receipt, and the account shall be systematically blocked without prior notice on the date of the payment incident (this will suspend quotations, orders, production and deliveries). A declaration of the payment incident shall be sent to our Credit and Insurance Company. A €40 rejection fee shall be charged on the next invoice.

5.4. In the event of late payment, late payment interest will be charged on the total invoice amount, including VAT, at a rate equal to three (3) times the legal interest rate from the due date until the invoice has been paid in full. DEL shall automatically be entitled to late payment interest without any specific formality or prior notice. Finally, a fixed amount of €40 for collection costs shall be automatically payable without prior notice by DEL to the client.

5.5. Any compensation or deduction made unilaterally by the client, without the prior agreement of DEL, shall be considered a default in payment, resulting in the application of Articles 5.3 to 5.4 above.

5.6. Payment terms start from the invoice issue date (Art. L 441-10 of the French Commercial Code).

ART 6. DELIVERIES

6.1. Delivery times: In the event that equipments are not in stock or available made-to-measure, provided for information purposes only on our website, DEL shall communicate the delivery date upon receipt of the delivery date provided by the supplier upon receipt of the order (Art. 3.1 above). For custom-made equipment, the delivery time is confirmed in the acknowledgement of receipt issued by DEL. These deadlines do not constitute a strict deadline and exceeding them, for whatever reason, shall not give rise to any damages or order cancellations.

Notwithstanding a delivery address communicated by the client to the carrier, the parties agree that the delivery obligation is fulfilled when the equipment ordered is made available at the carrier's platform. On-time delivery or the availability of the goods can only be achieved if the purchaser is up to date with their obligations, in particular payment.

DEL reserves the right to make full or partial deliveries. In the event of a partial delivery, each partial delivery will be considered as a complete commercial transaction and a proportional payment will be required.

6.2. Delivery fees: The transport rate or the amount of carriage paid shall be applied in accordance with the scale of transport costs shown in our annual general catalogue in effect at the time the order is placed. Cash on delivery fees are borne by the client.

6.3. Force majeure: The Parties shall not be held liable if the non-performance or the delay in the performance of any of their obligations, as described herein, results from a case of force majeure, such as, in particular, strike, fire, lock-out, epidemic, embargo, accident, in particular involving tools, machine breakdown, interruption or delay in transport, impossibility of being supplied, defective raw materials, exceptional health or climatic hazards, or any other event beyond human control that may generate a situation of partial or total unemployment.

The Party that observes the event must immediately inform the other Party of its inability to perform its service and justify this to the latter. The suspension of obligations shall under no circumstances be a cause of liability for non-performance of the obligation in question, nor lead to the payment of damages or late penalties.

ADMINISTRATIVE DOCUMENTS

GENERAL TERMS AND CONDITIONS OF SALE

AU 01/01/2026

Performance of the obligation is suspended for the duration of the force majeure if it is temporary and does not exceed 60 days. Consequently, as soon as the cause of the suspension of their mutual obligations disappears, the Parties will make every effort to resume normal performance of their contractual obligations as soon as possible. To this end, the Party prevented shall notify the other of the resumption of its obligation by registered letter with acknowledgement of receipt or by any extrajudicial act. If the impediment is definitive or exceeds a period of 60 days, the present contract will be purely and simply terminated ipso jure without summons or formality

ART 7. RISK TRANSFER

Unless otherwise agreed in writing between the parties, the client shall assume the risks as soon as the goods are collected from the premises of DEL by the carrier or the client (Incoterm : EXW), even in the case of a carriage paid sale.

In the event of delivery by carrier, the shall assume the risks of the goods' transportation, who is responsible for checking the condition of the goods on delivery and, in the event of damage or loss, for making any claims against the carrier, in accordance with the provisions of Article L 133-1 et seq. of the French Commercial Code. DEL shall not be held liable for any damage caused by transport or for the client's failure to comply with the carrier's instructions.

DEL shall be deemed to have fulfilled its delivery obligation once it has delivered the goods ordered to the carrier, or to the client, who has accepted them without reservation.

As the risks are transferred to the client upon loading or collection, the client agrees to insure, at their own expense, all products ordered from the latter, against all risks and damage, until the transfer of ownership and to justify this to the latter when the order is placed. Should the client fail to do so, DEL shall be entitled to delay delivery until proof of insurance has been provided.

ART 8. RETURNS

8.1. Made-to-measure products

The client has a period of 30 (thirty) days from the date of receipt of the goods to request the return of incorrect or defective equipment from DEL by registered letter with acknowledgement of receipt. No return shall be accepted without the prior formal written agreement of DEL. In addition, the goods must be given to the carrier in their original packaging or in packaging identical to the shipment packaging, for their return to be accepted by DEL. The goods shall be collected by our carrier in accordance with our return procedures (return form must be completed and yellow label must be stuck on the parcel). In the event of a return, the client shall pay 50% of the invoiced value and all transport costs related to the return of the products, except in the case where the fault is attributable to DEL.

8.2. Other equipment

The client has a period of 8 (eight) days from delivery by the carrier or collection of the goods to return, carriage paid, any incorrect or defective product to DEL.

In addition, the goods must be returned in their original packaging or packaging identical to the shipment packaging, carriage paid, for their return to be accepted by DEL.

The client is responsible for the cost of returning the goods, whether under guarantee or not. Returns may give rise to a restocking penalty of at least 15 % when the goods can be resold as new. Otherwise, it shall be necessary to examine the goods in order to establish the additional penalty to recondition and restore the product to its original condition. However, if the claim is justified, no penalty shall be applied.

8.3. Any complaint sent after the deadline will be inadmissible, which the client declares that they are aware of and accept. If the complaint is justified, the goods shall be replaced or a credit note issued, at DEL's discretion, and the cost of the new delivery shall be borne by DEL. If the complaint is not justified, all costs inherent in a new delivery will be borne by the client. No carriage costs will be accepted.

ART 9. TRANSFER OF OWNERSHIP/OWNERSHIP RETENTION

Notwithstanding the risk transfer that occurs when the goods are collected (Art. 7), the transfer of ownership of the goods to the client will only take place after the client has paid the price in full.

Consequently, DEL retains its right of ownership of the goods sold as long as the client has not paid all the amounts due in full and may, without the need for prior formal notice, recover the equipment sold, regardless of where it is held, including in the event that the equipment sold is transferred to a third party.

Sale cancellation may only result from a registered letter with acknowledgement of receipt from DEL and the effective return of the equipment sold to DEL.

In the event that the client is subject to insolvency proceedings or a judgement pronouncing the provisional suspension of proceedings against the client, the present ownership retention clause will be applied by right.

In the event that the equipment disappears, the insurance compensation resulting from its disappearance shall be paid to DEL.

The client who is subject to seizure shall be obliged to inform DEL in the event of non-payment in full of the amounts due to the latter in respect of goods delivered under the ownership retention clause, whether or not these goods have since been resold as part of the performance of their regular profession.

If the client has paid a deposit, this deposit shall remain the property of DEL as a lump-sum compensation, without prejudice to any other action that DEL may be entitled to take against the client as a result.

ART 10. WARRANTY

10.1. The warranty starts on the invoice date. The warranty is payable upon full payment for the equipment. The warranty shall cease to apply if the equipment has been modified outside our workshops. The warranty covers only the replacement or repair of the defective part, excluding any compensation, carriage costs, labour costs or consequential damage. The warranty also excludes water supply, maintenance products and material and immaterial damage.

The warranty does not apply to damage or loss caused in whole or in part by natural disasters, vandalism or terrorism.

The warranty can only be applied if the installation, fitting and maintenance have been carried out by a swimming pool professional in compliance with the requirements of the «good practice guidelines» (NET 54 802 - NET 54 804 for membranes and liners, for example).

In any event, the warranty is conditional upon normal use of the product in accordance with the manufacturer's instructions for use, maintenance and installation.

10.2. Duration

Products manufactured by DEL are covered by a warranty stipulated in the catalogue. Products not manufactured by DEL are covered by the manufacturer's warranty.

10.3. Spare parts

Spare parts essential for the proper functioning of products manufactured by DEL shall be available during the warranty period of said product as stipulated in Article 10.2. DEL cannot guarantee the availability of spare parts for products it does not manufacture.

ART 11. INTERNET SALE

11.1. Any goods intended to be sold by a retail site on the Internet must be clearly specified in the order. In this case, the manufacturer's and/or distributor's information shall be sent in full to the retail site, which shall be obliged to inform its own clients.

The retailer agrees to contractually bind its clients to strictly comply with the obligations resulting from said information and from the «BP P90315 good practice guidelines relating to protective elements for unenclosed in-ground private swimming pools for individual or collective use». It is therefore essential for the retailer/installer to ensure that the equipment the client is looking for is compatible before purchasing it, by offering to visit the retail site, and that the manufacturer's installation and fitting specifications, recommendations for use, after-sales service and maintenance are complied with. Installation of our designs and distributed products, in particular ZPCE equipment, must be carried out by a qualified professional. Otherwise, the warranty referred to in Article 10 shall not apply.

11.2. In the event of a dispute or complaint from a private individual concerning equipment delivered by DEL to a retail site which has resold it to said private individual, the website must commit to carrying out all after-sales service and warranty operations itself. Under no circumstances shall DEL carry out after-sales service at said private individual's property.

11.3. The information and dimensions sent to DEL at the time of the order are the exclusive responsibility of the professional client who has purchased on the retail site. These are essential to ensure that the product complies with safety standards.

GENERAL TERMS AND CONDITIONS OF SALE

AU 01/01/2026

ART 12. ADVICE AND TECHNICAL ASSISTANCE

The advice and technical assistance provided free of charge by DEL concerning its own products are provided for information purposes only and in no way incur the liability of DEL. Furthermore, it is not the responsibility of DEL to assess the specifications and descriptions provided by its own suppliers concerning the products it distributes. It is the client's responsibility to check that the choice of equipment corresponds to the actual conditions of use.

ART 13. IMAGE RIGHTS

The sketches, photos and texts in this catalogue are provided for information only and may under no circumstances be considered as contractual. Any reproduction, even partial, by any process whatsoever, of the pages published in this catalogue and made without our authorisation is unlawful and constitutes copyright infringement. Any use of the photographs in our catalogue is subject to the express prior authorisation of DEL.

ART 14. TARIFF DOWNGRADING

If the client breaches these General Terms and Conditions of Sale, DEL shall be entitled, without prior notice, to temporarily or permanently suspend any preferential tariff agreement negotiated for the client's benefit.

ART 15. INFORMATION BY THE CLIENT

15.1 The client commits to inform DEL of any amicable or legal claim that may arise during the installation of the swimming pool with DEL equipment, at the latest within 5 (five) days following the installation, by registered letter with acknowledgement of receipt.

This commitment entails the transmission of all technical information in order to find an amicable solution to the complaint.

15.2 The client commits to inform DEL at the latest within 30 (thirty) days of its occurrence, by registered letter with acknowledgement of receipt, of any changes in their legal situation (e.g. change in the legal form of the company, transfer of business, merger, absorption, cessation of activity, etc.) as well as of any changes relating to the condition of their bank account or the account referred to in Article 2 above, and more generally of any information on compulsory and optional insurance changes taken out for the needs of the activity in accordance with the regulations in force.

153 Should such information not be provided within the aforementioned period, DEL reserves the right to take any legal action to obtain reparations against the client, including against their business successor, by any legal means necessary.

ART 16. LEGISLATION NO. 2003-9 OF 3 JANUARY 2003

The professional client has a duty to advise and inform the project owner. The client declares that they are aware of the regulations arising from the Safety Act of 3 January 2003 and the subsequent implementing decrees, which make a standardised safety system designed to prevent the risk of drowning in private swimming pools compulsory. This awareness includes the scope of the legislation and the content of the technical notes relating to the safety system that the pool builder or installer must supply to the project owner. The regulations are currently codified in the French Construction and Housing Code (CCH), Articles L134-10, R 128-1 to 128-4 and L183-13. The pool builder commits to strictly informing the Project owner of the standardised safety devices that have become compulsory so that DEL can in no way be held liable for lack of information or advice by the Project owner and/or their beneficiaries.

ART 17. APPLICABLE LAW - LANGUAGE OF THE CONTRACT - JURISDICTION

17.1 Applicable law - Language of the contract

These dealings are governed by French law. These general terms and conditions are drawn up in French. In the event that they are translated into one or more languages, only the French text shall be deemed binding in the event of a dispute.

17.3 Jurisdiction

In the event of disputes relating to the price or the performance and interpretation of these terms and conditions, the rennes courts shall have sole jurisdiction, regardless of the place of delivery or the method of payment accepted, and even in the event of multiple defendants or the introduction/replacement by third parties.

ART 18. UNFORESEEABILITY

The only case of unforeseeability likely to give rise to the application of the legal regime provided for in Article 1195 of the Civil Code, for DEL product sales to the client subject to these general conditions of sale, is restrictively defined as follows: increase in the cost of raw materials and/or transport of more than 10% making it economically impossible for DEL to carry out the order at the price of the initial order form insofar as this substantially modifies the economic equilibrium of the contract. In this case, DEL and the client shall attempt to find an amicable solution within a period of 30 days from the date of DEL's request to revise the price of the contract and failing an amicable solution, shall refer the matter to the court in accordance with the legal provisions for price revision or contract termination.

ART 19. PURCHASER ACCEPTANCE

These general terms and conditions of sale as well as the price lists and scales concerning discounts and rebates attached hereto, are expressly approved and accepted by the Client, who declares and acknowledges that they are fully aware of them, and thereby waives the right to rely on any contradictory document and, in particular, their own general terms and conditions of purchase.

ART 20. PERSONAL DATA

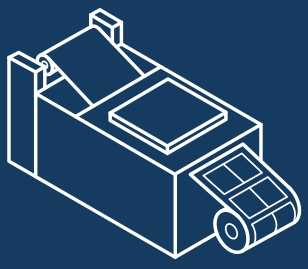
Pursuant to Act 78-17 of 6 January 1978, as amended by Act no. 2018-493 of 20 June 2018, it should be noted that the personal information (such as surname, first name, address, e-mail address using your surname, personal mobile number, etc.) requested from clients is required to process their orders, to draw up invoices and for the proper management of customer relations.

Personal data collected from Clients is processed by DEL. This data is recorded in the Client file and is essential for processing the order. This information and personal data is also kept for security purposes, in order to comply with legal and regulatory obligations. It shall be kept for as long as is necessary for the fulfilment of orders and any applicable warrantie suite de l'article 20 DEL is in charge of data processing. Access to personal data shall be strictly limited to AQUALUX employees authorised to process such data by virtue of their duties. The information collected may be communicated to third parties contractually linked to the company for the performance of sub-contracted tasks, without the Client's authorisation being necessary.

As part of the performance of their services, third parties have only limited access to data and are obligated to use it in accordance with the provisions of the applicable legislation on the protection of personal data. Aside from the cases set out above, DEL shall not sell, rent, transfer or give third parties access to the data without the prior consent of the Client, unless it is obligated to do so for a legitimate reason.

If the data is transferred outside the EU, the Client shall be informed and the safeguards taken to protect the data (for example, the external service provider's compliance with the «Privacy Shield», adoption of standard protection clauses validated by the CNIL, adoption of a code of conduct, obtaining CNIL certification, etc.) shall be specified.

In accordance with the national and European regulations in force, clients have the right to permanently access their personal data (surname, first name, e-mail address using their surname, personal mobile number, etc.), to modify, rectify, oppose, limit, delete and port it, to communicate instructions concerning its use in the event of death, to withdraw their consent (if given) and to lodge a complaint with the competent authority. The user may exercise these rights by contacting the Data Protection Officer directly by e-mail at dpd@cf.group or by post at SAS DEL, Délégué à la Protection des Données, ZA LA CROIX ROUGE 35530 BRECE, providing proof of identity.



Because every action counts in reducing our ecological footprint, CF group is committed to a more responsible printing of its product catalog!

- **Paper: Sourced from sustainably managed forests and PEFC-certified** throughout the entire catalog.

A Responsible and Ethical Printer:

- ISO 9001 (quality management) certified.
- EU Ecolabel certified (European ecological label) as well as ClimatePartner (climate action label).
- Purified mineral white inks that meet the 2025 standards, ensuring they do not interfere with the paper recycling process and contain no controversial aromatic compounds.
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CF.GROUP

Dreams, health & care with water

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CUSTOM-MADE-PRODUCTS

WATER CARE

THE ESSENTIALS

WELLNESS

SOLUTIONS

IOT

DEL SAS

MANUFACTURER – DISTRIBUTOR

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