TECHNICAL CATALOGUE

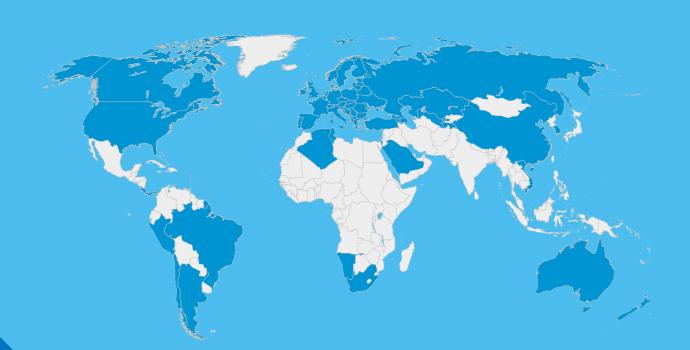


ALBIXON

YOUR OUTDOOR HOME

www.ALBIXON.com





We have obtained a declaration of conformity for our pool enclosures (ALBIXON BOX) compliant with the AFNOR NF P 90-309 (October 2007) standard, issued by the LNE accredited testing laboratory in France.

QBIG BENEFIT pools and KLASIK, DALLAS, CASABLANCA, CASABLANCA INFINITY and MONACO FUTURE enclosures are NSF certified.

Taking into account possible developments and improvements in our products, packaging and processes, ALBIXON a.s. reserves the right to change any data in this catalogue without prior notice. Printing and typesetting errors reserved.







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Made in EU





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The history of ALBIXON

Company Mission

Enjoy pleasant experiences, active relaxation and joyful moments with your family and loved ones in your outdoor homes.

Company vision

We are eager to make your outdoor home more enjoyable with our innovative products.

A major manufacturer of swimming pools and enclosures in Europe

On the market since 1990 | Production capacity of 5 000 pools, 10 000 enclosures and 1 000 pergolas per year | 450 highly qualified personnel | Over 99,000 m² of manufacturing and storage space 1,500 m² development and design centre | Quality technology and materials | Selected products and manufacturing processes are protected by utility models and awarded international certificates | High-capacity powder paint shop with modern Decoral technology



Quality is our priority



We are fair and open



We are professionals



We care about ALBIXON



We are team players



We are continually improving

1990

ESTABLISHMENT

Our history dates back to 1990, when the Smetana brothers founded the company under the name ALBION. At that time, no one had any idea that it would later become a leading player in the swimming pool industry throughout Europe.

1995

SWIMMING POOLS ON THE RISE

ALBION is fully engaged in the production of swimming pools and thanks to the first series pools, the production volumes are growing rapidly. Despite this, demand far exceeds supply, and ambitious plans for the coming years are born in the

PRODUCTION OF ENCLOSURES

We respond to the increasingly urgent demands of our customers shop launched in Hořovice and include pool enclosures in our product portfolio. These soon became our flagship product and their popularity is growing every year.

POWDER PAINT SHOP

ALBION's first powder paint significantly supports the production of enclosures and at the same time meets the demand of external customers.

2011

2012

2023

ALBION -> ALBIXON

New company name. The founders put it simply: The name Albion referred to England, as we have always admired their business culture and freedom. But people mistook us for other companies, so we added an "X" to create ALBIXON."

2006

BRILIX Customers no longer want just a pool and an enclosure, but demand a complete pool set from a single supplier. Complexity has become by creating the BRILIX division, specialising in the sale of our

a challenge for us and room for further growth. We responded

own pool accessories.

ENCLOSURES IN BOX

2004

2017

QBIG POOLS

We started offering our enclosures in a BOX. The advantages include the considerable savings in the cost of transportation, simple assembly and speed of delivery We established the IDEALCOVER brand (later renamed ALBIXON BOX) for the export of these enclosures.

2002 **EXPORT**

After the first decade of operation, we became a strong player on the Czech market. We then took the opportunity and decided to expand and sell our products abroad, through official B2B partners. Our first step was into the neighbouring German market.

2014

NEW POWDER COAT SHOP We listened to the wishes We open a new powder coat shop with the modern of our customers and offer DECORAL line, which allows a solution connecting gardens and family homes us to use dozens of colours. designs and patterns, not only This is how the SKYTRIUM for our enclosures, but also for terrace enclosure was created many external customers and - the garden and the house. their various projects in and outside the Czech Republic.

SKYTRIUM

We launch a design solution for the QBIG series of swimming pools protected by a utility model. Thanks to the built-in lost formwork on the outside of the pool, we can speed up the construction work, saving our customers' time and money

The year 2019 was full of new achievements reported by our development team. We expand our product portfolio with the elegant and unique SYDNEY serial custom enclosure. We also develop our own X-FLOW overflow grid to differentiate ourselves in the market

2022

SKYTRIUM & BERGEN

In line with our new mission and vision, we are launching the SKYTRIUM bioclimatic pergolas and the BERGEN pool terrace enclosure.

Introducing the MOOVER. The universal and autonomous enclosure sliding solution. We listened to our customers, and in cooperation with automotive designers we developed an electric sliding system with an elegant design that operates pool enclosures at the push of a button.

2021

We are investing in 3D printing and strengthening our development capabilities. Thanks to professional prototypes and our own production of plastic components, we are opening the door to further innovations for our customers.

2019

SYDNEY & X-FLOW

enclosure and the luxurious MIAMI





ALBIXON portal

business, all in one place.

✓ Automatically generated

✓ Instant quotation

✓ Intuitive control

Everything you need for a comfortable way of doing

✓ All information about products ✓ Partner benefits for everyone

Easy and transparent purchase

✓ Warranty claims and spare parts

✓ Marketing and product





WELCOME!

ALBIXON PORTAL



A Swimming Pool Set

A pool, enclosure, and technology in one!

Get one of our popular pool sets to not only receive a high-quality pool, but also the enclosure and a technology shaft or wall, and all the necessary pool technology. Choose from over 400 combinations.



A Swimming Pool Set

SWIMMING POOL



The heart of your water fun

- seven standard sizes*
- two depths
- 3 colours
- skimmer or overflow

Which one will yours be? You can choose on pages 12–18.

TECHNOLOGY

The motor which drives your pool

- different equipment levels
- underground and above-ground variants
- smart pool technology control**

How much comfort would you like to enjoy? Take a look at pagesy 20–22.



ENCLOSURES



Your pool's coat

- different styles
- dozens of colours and decorative patterns
- two types of panels
- rails / without rails design option**

Which enclosure will you choose? More on pages 30-57.

9

- * More custom sizes available
- ** This option may not be available for all models



QBIG BENEFIT

Serial Swimming Pools



STANDARD POOL QBIG BENEFIT - TOP

Design	skimmer/overflow
Pool size	3 × 6 m
Pool wall/bottom material thickness	8 / 6 mm
Depth	1,2 m / 1,5 m
Wall insulation thickness	10 cm
Number of lights	1
Light colour	white
Type of steps	straight across the corner
Anti-slip design of steps	✓
Position of steps	left¹) / right¹)
Optional counterflow mask installation	✓

Top Category – serial – you can choose the colour of the pool, the location of the steps and the version with or without the counterflow mask. Everything else is given.

Pool delivery includes:

- Pool body incl. piping and thermal construction
- Steps
- Nozzles
- Skimmer or overflow grate
- Light
- Counterflow mask, if included



- ¹⁾ The white variant is only available for pools with a depth of 1,5 m.
- On the nozzle side.
 Polypropylene pools are not self-supporting and must be secured with connecting reinforcement and concreted to ensure operational condition. The relevant design principles and technical requirements specified in the construction preparation must be met.

STANDARD POOL QBIG BENEFIT - STANDARD PLUS

QBIG BENEFIT

Standardised Swimming Pools

Design	skimmer/overflow								
Pool size	3 × 5 m	3 × 6 m	3 × 7 m	3 × 8 m	3,5 x 7 m	3,5 x 8 m	4 × 8 m		
Pool wall/bottom material thickness	8 / 6 mm	8 / 6 mm	8 / 8 mm	8 / 8 mm	8 / 8 mm	8 / 8 mm	8 / 8 mm		
Depth	1,2 / 1,5 m	1,2 / 1,5 m	1,5 m	1,5 m	1,2 / 1,5 m	1,5 m	1,2 / 1,5 m		
Wall insulation thickness	10 cm								
Number of lights	0-2	0-6	0-6	0-6	0-6	0-6	0-6		
Light colour	white/colour								
Type of steps	X-AIR (without bench) ¹¹ / X-AIR+(with bench) ¹¹ / Aero / straight across the corner / rectangular in the corner								
Anti-slip design of steps	✓²)								
Position of steps	left / right								
Optional counterflow mask installation				✓					
Colour options	Light blue/white Light blue/white/grey Light blue/white								

Standard Plus category – standardised – the dimensions of the pool are given; the accessories can be configured according to customer requirements. These pools are custom-made.

Does the standard size of the pool not suit you? You will find the custom options on the next page.

Pool delivery includes:

- Pool body incl. piping and thermal construction
- Nozzles
- Skimmer or overflow grate
- Counterflow mask, if included



- ¹⁾ X-AIR and X-AIR+ steps are only available in light blue and white colour options.
 ²⁾ X-AIR and X-AIR+ steps are not available in the antislip version.
 ³⁾ Polypropylene pools are not self-supporting and must be secured with connecting reinforcement and concreted to ensure operational condition. The relevant design principles and technical requirements specified in the construction preparation must be met.

QBIG BENEFIT

Custom Swimming Pools



CUSTOM POOL QBIG BENEFIT

skimmer/overflow
2 to 4 m
4 to 9 m
1,2 / 1,5 m
8 / 6 mm
8 / 8 mm
10 cm
individual
individual ¹⁾
individual ²⁾
individual
individual

Light blue and grey pools exceeding 8 metres in length may have additional welds on the walls.

Pool delivery includes:

- Pool body incl. piping and thermal construction
- Skimmer or overflow grate
- Counterflow mask, if included



14

- X-AIR and X-AIR+ steps are only available in light blue and white colour options.
 X-AIR and X-AIR+ steps are not available in the anti-slip version.
 Polypropylene pools are not self-supporting and must be secured with connecting reinforcement and concreted to ensure operational condition. The relevant design principles and technical requirements specified in the construction preparation must be met.

CUSTOM POOL G1 BENEFIT

G1 BENEFIT

Custom Swimming Pools

Design	skimmer/overflow
Width	2 to 4 m
Length	4 to 9 m
Depth	1,2 / 1,5 m
Pool wall/bottom material thickness of pools up to 6 m length	6 / 6 mm
Pool wall/bottom material thickness of pools over 6 m length	8 / 8 mm
Wall insulation thickness	5 cm
Number of lights	individual
Type of steps	individual ¹⁾
Anti-slip design of steps	individual ²⁾
Position of steps	individual
Optional counterflow mask installation	individual

Light blue and grey pools exceeding 8 metres in length may have additional welds on the walls.

Pool delivery includes:

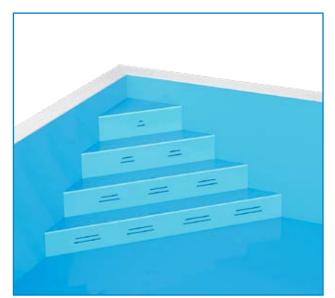
- Pool body incl. piping
- Skimmer or overflow grate
- Counterflow mask, if included



- $^{\mbox{\tiny 1)}}$ X-AIR and X-AIR+ steps are only available in light blue and white colour options.
- ²⁾ X-AIR and X-AIR+ steps are not available in the anti-slip version.
- ³⁾ Polypropylene pools are not self-supporting and must be secured with connecting reinforcement and concreted to ensure operational condition. The relevant design principles and technical requirements specified in the construction preparation must be met.

Types of Steps

You can see all the types of steps that are offered below. All stairs can be installed in a pool of any size and colour.¹⁾



Straight, across the corner



Aero



Straight steps over the corner with a bench**



X-AIR (without bench)



X-AIR+ (with bench)



Rectangular, in the corner



Rectangular**



Anti-slip design of steps

Compatible types of steps are manufactured with three fine grooves near the edge to prevent slipping.

16

- $^{\mbox{\tiny 1)}}$ X-AIR and X-AIR+ steps are only available in light blue and white colour options.
- ** Custom production only.

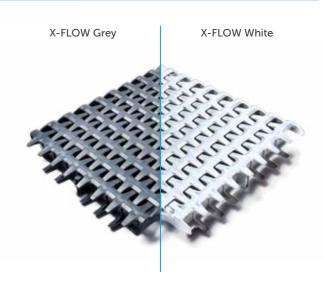
Colours and finishing details

SWIMMING POOL COLOURS

We manufacture pools from ALBISTONE® or POLYSTONE® P copolymer (more about materials on pages 24–25). Material thickness is 6 or 8 mm. The bottom material may have a different thickness than the wall material. Do not hesitate to contact us for an ideal solution for your pool. The pools are available in 3 colours. Not all colours may be available for some pool sizes and types.

OVERFLOW POOL GRATE

The overflow pools are provided with an overflow grate designed in collaboration with designers from the automotive industry. Its design prevents water from overflowing outside the overflow gutter and thus reduces its consumption. Outside the overflow gutter, the pool is smoothly connected to the surrounding terrain without any difference in height.



SKIMMER POOL FINISH



X-SHAPE Anthracite DB 703



X-SHAPE Silver



How best to finish the top of the skimmer pool? The solution is called X-SHAPE. This elegant aluminium edge easily connects the pool with the surrounding area. It is available for all standard pool sizes in Anthracite DB 703 and Silver colours.

In addition to X-SHAPE, the edge of the skimmer pool can be fitted with a special edge piece. The pool can also be finished with tiles.

Benefits of QBIG BENEFIT pools

QBIG BENEFIT pools are full of benefits. What are they? Thanks to decades of experience with swimming pools, we have come up with our own pool production solution. We removed all the ribbing from the outside of the pool and replaced it with 25 cm thick thermal construction. It serves not only as a building material, but also as an insulating element of the pool. Not only have we improved the pool, but we have also sped up related construction work. A common pool must be concreted using steel reinforcing bars with dry concrete in several stages with gradual filling of water. The procedure can take several days.

On the other hand, the QBIQ BENEFIT pool can be concreted using steel reinforcing bars, in one continuous concrete pour evenly distributed in layers around the entire perimeter of the thermal structure (it must not be concreted in one place) within a few hours. The pool just needs to be reinforced internally with wood struts and filled to 30 cm with water to weigh it down. This saves significant time and money.

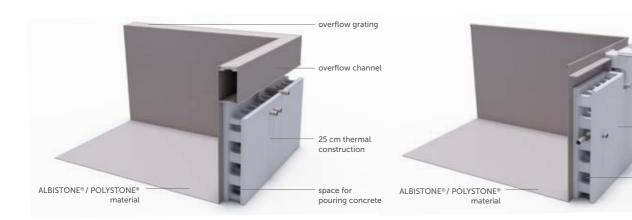
The best comes with commissioning. The sophisticated pool design allows wintering without the necessity to drain the water. BENEFIT swimming pools thus regularly save water. The nozzles are positioned for optimal water circulation and keeping the water transparent longer. With properly set circulation, we facilitate pool maintenance and pool water quality.

What are the benefits of QBIG BENEFIT pools?

Significant acceleration of construction work
High thermal insulation ability
Optimum pool expansion
Pipe protection in thermal construction
More economical construction work
Winterizing without draining

25 cm therma

pouring concrete



TECHNOLOGY WALLS AND SHAFTS

The technology wall or shaft is the motor of the pool that keeps everything running. You can choose from the popular standard versions!



Standard Technology Walls



MODEL	BASIC PLUS	ECONOMIC	ОХҮ	UV	STATION	MODEL	BASIC PLUS	ECONOMIC COMFORT	ОХҮ	OXY PLUS
		*								
										U
				5		-				

Filtration	Sand P500 – 85 kg								
Pump	PREVA 50 – flow rate 9 m³/h								
Water treatment	Chlorine	Chlorine semi-automatic	Oxygen, Chlorine semi-automatic	Oxygen, Chlorine, UV semi-automatic	Chlorine semi-automatic				
Water	Salt 4 g/l	Salt 3 g/l	Salt 1,5 g/l	Salt 1,5 g/l	Freshwater				
Automatic pH control	X	✓	✓	✓	✓				
Automatic disinfection control:	Х	optional	optional	✓	✓				
Smart control connecting point	X	✓	✓	✓	✓				
Heat pump connecting point	✓	✓	✓	✓	✓				
Discharge connecting point	✓	✓	✓	✓	✓				
Possibility of combining with counterflow	✓	✓	✓	✓	✓				
Counterflow pump	X	X	×	X	×				
Remote control of the pool light	✓	✓	✓	✓	✓				
Pipes, fittings	✓	✓	✓	✓	✓				
Switchboard	1) 🗸	1) 🗸	1) 🗸	1) 🗸	1) 🗸				
Dimensions (W × H × D)	160 × 140 × 69 cm	160 × 140 × 69 cm	160 × 140 × 69 cm	160 × 140 × 69 cm	160 × 140 × 69 cm				
Wall colour	White	White	White	White	White				

If you do not wish to place the pool technology equipment in a shaft, then we offer the option of technology walls where we have prepared for you a number of standard options. You can place them, for example, in a cellar, garage or garden house. The technology wall can be no more than 10 metres away from the pool. If you are installing a counterflow, the counterflow pump must always be located in a separate shaft within one metre of the counterflow mask.

Filtration	Sand P500 – 85 kg									
Pump		PREVA 50 – flow rate 9 m³/h								
Water treatment	Chlorine		orine utomatic	Oxygen, Chlorine semi-automatic		Oxygen, Chlorine, UV semi-automatic		Chlorine semi-automatic		
Water	Salt 4 g/l	Salt	3 g/l	Salt 1	.,5 g/l	Salt	: 1,5 g/l	Fres	hwater	
Automatic pH control	Х	✓	✓	✓	✓	✓	✓	✓	✓	
Automatic disin- fection control:	X	optional	optional	optional	optional	✓	✓	✓	✓	
Smart control co- nnecting point	X	✓	✓	✓	✓	✓	✓	✓	✓	
Heat pump connecting point	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Discharge connecting point	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Counterflow connecting point	X	X	✓	X	✓	×	✓	×	✓	
Counterflow pump	X	Χ	✓	X	✓	×	✓	×	✓	
Remote control of the pool light	✓	✓	✓	✓	✓	√	✓	✓	✓	
Pipes, fittings	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Switchboard	1) 🗸	1) 🗸	1) 🗸	1) 🗸	1) 🗸	1) 🗸	1) 🗸	1) 🗸	1) 🗸	
Shaft diameter	120 cm	150 cm	150 cm	150 cm	150 cm	150 cm	150 cm	150 cm	150 cm	
Shaft depth	120 cm	120 cm	120 cm	120 cm	120 cm	120 cm	120 cm	120 cm	120 cm	

STATION

To make your decision easier, we have prepared complete technology shafts equipped with quality components that you simply connect to the pool and power supply. You do not have to worry about which accessories are best for your pool – we did it for you! The shafts are located close to the pool and are always within reach.

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¹⁾ The switchboard is equipped with an electrical outlet for the installation of an additional socket.

¹⁾ The switchboard is equipped with an electrical outlet for the installation of an additional socket.

Technology Walls and Shafts Unmounted



Do you want to assemble the pool technology on your own? We also offer unmounted technology walls and shafts just for you.







Technolo	gy sha	ft 150	

Inner diameter	150 cm
Depth	120 cm
Outer diameter	166 cm

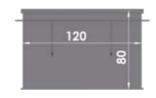




Technology shaft 120

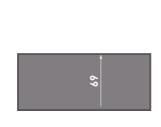
Inner diameter	120 cm
Depth	120 cm
Outer diameter	136 cm

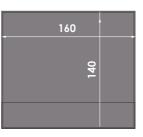




Counterflow techology shaft

Inner size	120 × 60 × 80 cm (L × W × H)
Outer size	136 × 76 × 81 cm (L × W x H)





Technology wall

HIGH-QUALITY MATERIALS DEVELOPED SPECIFICALLY FOR POOLS

At ALBIXON, we are committed to selecting high-quality materials and to processing them using advanced technologies.

Swimming pool production technology

Pools are made of basic building elements in the form of boards. The joints are achieved by extruded hot air welding with high joint strength. When designing swimming pools, we use very precise mathematical calculations to determine the optimal design

ALBISTONE®

POLYSTONE® P copolymer



We use ALBISTONE® to manufacture blue and grey pools.



We now use the POLYSTONE® P copolymer to manufacture white pools.

ALBISTONE® is a type of material developed by our team of technologists and verified by a number of laboratory tests. ALBISTONE® is characterized above all by UV stabilization. Another significant advantage is the high mechanical resistance and strength, thanks to which it achieves a long service life. ALBISTONE® is a frost-resistant material with excellent heat-insulating properties.

Material toughness

ALBISTONE® has a high resistance to puncture (impact toughness).

UV stability

ALBISTONE® is characterised by its high UV resistance and its service life is several times longer than that of other materials used to manufacture pools.

Material resistance

A significant advantage of ALBISTONE® is its heat resistance. At the same time, it is designed to withstand common pool chemicals and salt water when handled properly.

Environmental protection

ALBISTONE® is recyclable.

Product handling information for pool products

The special advantages of this material are the very long service life and the high surface quality. In particular when compared to pools with a tiled surface, the great advantage of the homogeneously processed slab is expressed, since there are no mineral and corrosion-prone joints.

Compared to GFK pools, pools made of POLYSTONE® sheets have significant advantages due to their high toughness and resistance to cracking / tearing.

Even the highest stabilization systems, as used by Röchling in the latest and highest-quality modification POLYSTONE® PGX, cannot completely prevent discoloration, but these changes have no negative impact on the material in terms of overall strength, suitability, quality and service life.

The colour stability of the materials is maintained as much as possible, when the parameters and the maximum chlorine concentration specified in standard EN 16713-3 are met.

Weatherability

This product contain several synergistic stabilizers of the latest generation to achieve the best possible UV resistance and colour fastness. The weathering stability of the materials has been further developed over decades and is permanently checked in storage basins and accelerated weathering tests under accelerated conditions.

Scratch protection

Non-embossed sheets are provided with a protective foil on one side as standard to prevent damage caused by scratches during transport, handling and installation of swimming pools.





ENCLOSURES





(Page 30-31) **SYDNEY / SYDNEY CLEAR**













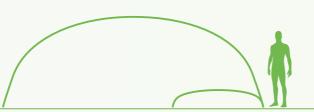
(Page 32-35) **CASABLANCA INFINITY**







(Page 36-39) **DALLAS / DALLAS CLEAR**











(Page 40-41) **KLASIK PRO / KLASIK PRO CLEAR**



(Page 52-53) MIAMI



SYDNEY / SYDNEY CLEAR

series



Maximum covered area	350 ×	535 cm	350 × 6	635 cm	350 × 8	850 cm	400 ×	740 cm	400 ×	850 cm	450 ×	850 cm
Number of modules	3	3	3	3	4	4	4	4	4	4	4	4
Outer width "B"	386 cm	386 cm	386 cm	386 cm	400 cm	400 cm	450 cm	450 cm	450 cm	450 cm	500 cm	500 cm
Outer width "A"	358 cm	408 cm	408 cm	408 cm	408 cm	458 cm	458 cm					
Outer length "E"	565 cm	565 cm	646 cm	646 cm	860 cm	860 cm	752 cm	752 cm	860 cm	860 cm	860 cm	860 cm
Outer height "V"	48 cm	48 cm	48 cm	48 cm	54 cm	54 cm	56 cm	56 cm	56 cm	56 cm	58 cm	58 cm
Side entrance	X	X	X	X	X	X	X	X	X	X	X	X
Module panels	PK8 ¹⁾	PK4 ²⁾										
Front head	fixed											
Front head panels	PK4 ²⁾											
Rear head	fixed											
Rear head panels	PK4 ²⁾											
Raised lower edge of heads	6 cm											
Supporting profiles	L	L	L	L	L	L	L	L	L	L	L+	L+
Track					AIR :	single-side	ed, only 1	rail				
Module locking						locka	ble					
Colour						Anthracite	DB 703					
BOX package size	445 × 48	× 127 cm	445 × 48	× 127 cm	561 × 55	× 127 cm						
BOX package weight	325 kg	395 kg	340 kg	420 kg	470 kg	550 kg	465 kg	570 kg	490 kg	610 kg	520 kg	652 kg

¹⁾ **PK8** = Transparent channel polycarbonate with a thickness of 8 mm with UV protection.



Anthracite DB 703

SYDNEY / SYDNEY CLEAR

series



SYDNEY / SYDNEY CLEAR

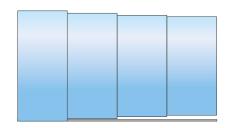
SYDNEY – this is a design enclosure that we have developed for you in cooperation with automotive designers. You don't have to be an expert to appreciate the ultra-low profile, elegant curves and the unique look.

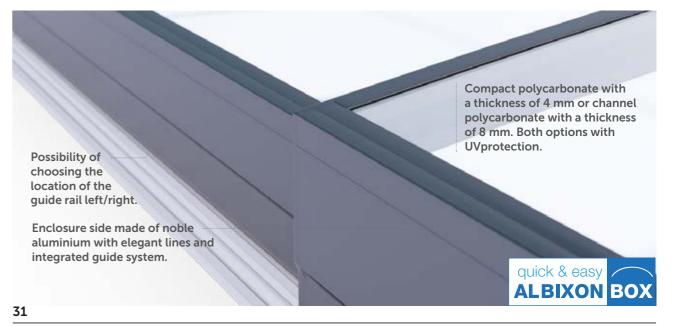
Fewer rails, more comfort!

For maximum ergonomics, the SYDNEY enclosure is equipped with only one slim track onto which only the largest module is mounted. The other modules are rail-less. The guide rail can be installed on the left or right (when looking at the largest module from the front). The rail is not sunk into the ground. The SYDNEY enclosure is too low for swimming underneath it, therefore we recommend extending the track by a min. 250 cm.

Main advantages of the ALBIXON BOX

- Available on a short lead time
- Quick and easy installation
- Packaging variability





²⁾ **PK4** = Transparent clear polycarbonate with a thickness of 4 mm with UV protection.

CASABLANCA INFINITY

series



Maximum covered area	346 × 635 cm	$442 \times 850 \text{ cm}$
Number of modules	3	4
Outer width "B"	390 cm	500 cm
Outer width "A"	362 cm	458 cm
Outer length "E"	646 cm	860 cm
Outer height "V"	55 cm	70 cm
Side entrance	✓	✓
Module panels	PK4 ¹⁾	PK4 ¹⁾
Front head	removable	removable
Front head panels	PK4 ¹⁾	PK4 ¹⁾
Rear head	fixed	fixed
Rear head panels	PK4 ¹⁾	PK4 ¹⁾
Raised lower edge of heads	9,5 cm	9,5 cm
Supporting profiles	L+	L+
Track	AIR double-sided/single-sided ²⁾	AIR double-sided/single-sided ²
Module locking	non lockable/lockable ³⁾	non lockable/lockable ³⁾
Colour	Carbon, Anthracite DB 703 ⁴⁾	Carbon, Anthracite DB 703 ⁴⁾
BOX package size	445 × 48 × 127 cm	561 × 55 × 127 cm
BOX package weight	440 kg / 415 kg ⁵⁾	675 kg / 650 kg ⁵⁾

¹⁾ **PK4** = transparent solid polycarbonate with a thickness of 4 mm with UV protection.

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Carbon

Anthracite DB 703

CASABLANCA INFINITY

series



CASABLANCA INFINITY

If you are intrigued by discreet and sophisticated shapes, CASABLANCA INFINITY is just the thing for you! This low enclosure, which makes a very discreet first impression in the garden, hides many secrets to attract everybody's attention. Its angular clear panel material, futuristic carbon design and low Air rails are proof of this.

Main advantages of the ALBIXON BOX

- Available on a short lead time
- Quick and easy installation
- Packaging variability





 $^{^{2)}}$ The left/right position of the track is determined when looking at the largest module from the front. The track is not sunk into the ground. Each module has its own track.

³⁾ The enclosure with a single-sided rail is equipped with lockable stoppers on the rail-less side.

 $^{^{\}mbox{\tiny 4)}}$ The enclosure with a single-sided rail is manufactured in Carbon finish.

⁵⁾ Weights: double-rail version/single-rail version.

CASABLANCA INFINITY

custom (2 rails)



CUSTOM CASABLANCA INFINITY - POSSIBLE DIMENSIONS

outer width	profile		minimum	height for th	e specified n	umber of mo	dules (cm)	
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
151-200	L	38	44	50	56	62	68	74
250	L	42	48	54	60	66	72	78
300	L	45	51	57	63	69	75	81
350	L	48	54	60	66	72	78	84
400	L	51	57	63	69	75	81	87
450	L	55	61	67	73	79	85	91
500	L	58	64	70	76	82	88	94
550	L+	61	67	73	79	85	91	97
600	L+	65	71	77	83	89	95	101
650	XL	81	91	101	110	120	128	137
700	XL	85	94	104	113	123	132	140
750	XL	88	98	107	117	126	135	143
800	XL	91	101	110	120	130	138	147
850	XL	95	104	114	123	133	141	150

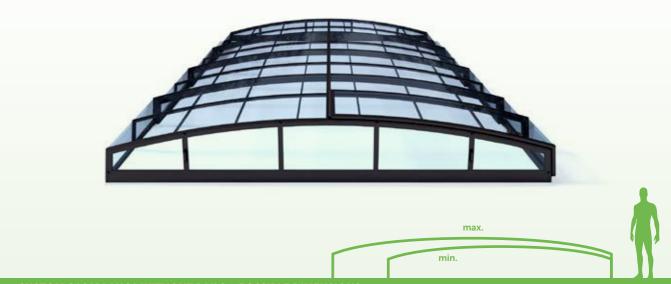
Panels

34

PK4 = Transparent solid polycarbonate, clear/smoky, thickness of 4 mm with UV protection.



CASABLANCA INFINITY without rails custom



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outer width	profile		minimum	height for th	e specified n	umber of mo	dules (cm)	
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
151-200	L+	33	39	46	52	58	65	71
250	L+	35	41	48	54	60	67	73
300	L+	37	43	50	56	63	69	75
350	L+	39	46	52	58	65	71	78
400	L+	41	48	54	61	67	73	80
450	L+	44	50	56	63	69	76	82

Panels:

35

PK4 = Transparent solid polycarbonate, clear/smoky, thickness of 4 mm with UV protection.

Optional single-rail version with the rail on the left/right side for each enclosure module. The left/right position of the rail is determined when looking at the largest enclosure module from the front.

Custom production options

- Custom dimensions of enclosure
- Selection of the panel colour
- → The position of the doors should be consulted with the manufacturer first
- Completely individual configuration
- Choice of more than 40 colours and patterns of the supporting structure

carrent surrigio book

DALLAS / DALLAS CLEAR

series



Maximum covered area ³⁾	$363 \times 635 \text{ cm}$	363 x 635 cm	$462 \times 850 \text{ cm}$	$462 \times 850 \text{ cm}$
Number of modules	3	3	4	4
Outer width "B"	407 cm	407 cm	520 cm	520 cm
Outer width "A"	379 cm	379 cm	478 cm	478 cm
Outer length "E"	646 cm	646 cm	860 cm	860 cm
Outer height "V"	82 cm	82 cm	100 cm	100 cm
Side entrance	✓	✓	✓	✓
Module panels	PK8 ¹⁾	PK4 ²⁾	PK8 ¹⁾	PK4 ²⁾
Front head	removable	removable	removable	removable
Front head panel	PK8 ¹⁾	PK4 ²⁾	PK8 ¹⁾	PK4 ²⁾
Rear head	fixed	fixed	fixed	fixed
Rear head panel	PK8 ¹⁾	PK4 ²⁾	PK8 ¹⁾	PK4 ²⁾
Raised lower edge of heads	9,5 cm	9,5 cm	9,5 cm	9,5 cm
Supporting profiles	М	М	L	L
Track	AIR double-sided	AIR double-sided	AIR double-sided	AIR double-sided
Module locking		non locka	ble/lockable	
Colour		Silver, Anth	racite DB 703	
BOX package size	445 × 48 × 127 cm	445 × 48 × 127 cm	561 × 55 × 127 cm	561 × 55 × 127 cr
BOX package weight	310 kg	420 kg	480 kg	650 kg

¹⁾ **PK8** = Transparent channel polycarbonate with a thickness of 8 mm with UV protection.

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Silver

Anthracite DB 703

DALLAS / DALLAS CLEAR

series

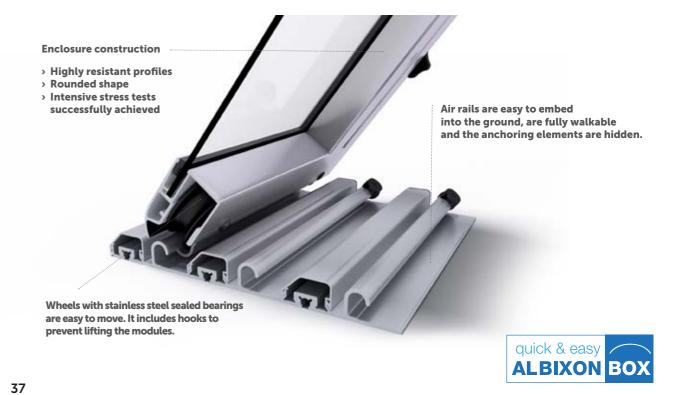


DALLAS / DALLAS CLEAR

If you like round shapes and graceful curves, the DALLAS pool enclosure is the best solution for you. Thanks to its elegant design, this enclosure is one of the most popular shapes and fits into any garden.

Main advantages of the ALBIXON BOX

- Available on a short lead time
- Quick and easy installation
- Packaging variability



²⁾ **PK4** = Transparent solid polycarbonate with a thickness of 4 mm with UV protection.

³⁾ Applies when the edge of the pool is up to 3 cm above ground level. Contact your dealer if the edge of the pool is raised higher.

DALLAS / DALLAS CLEAR

custom



CUSTOM DALLAS/DALLAS CLEAR - POSSIBLE DIMENSIONS

outer width	profile		minimum	height for th	e specified n	umber of mo	odules (cm)	
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
301-350	М	65	70	76	81	87	-	-
351-400	М	69	74	79	84	90	95	101
401-450	М	74	79	83	88	93	99	104
451-500	L	81	85	89	94	98	103	108
501-550	L	88	92	96	100	105	109	114
551-600	L+	98	101	105	108	112	116	121
601-650	XL	136	144	153	162	171	180	189
651–700	XL	141	149	157	165	174	182	191
701–750	XL	146	154	162	170	178	186	194
751-800	XL	153	160	167	175	183	191	199

Panels:

PK4 = Transparent solid polycarbonate, clear/smoky, with a thickness of 4 mm with UV protection – for all profiles used. **PK8** = Cellular polycarbonate with a thickness of 8 mm, transparent / grey, with UV protection – for L and L+ profiles. **PK10** = Tube clear/smoke polycarbonate with a thickness of 10 mm with UV protection – for XL profiles. In the case of XL profiles, the heads are always made of PK 8-mm or PK4 panels.



DALLAS / DALLAS CLEAR

custom



Custom production options

- Custom dimensions of enclosure
- Selection of the panel colour
- The position of the doors should be consulted with the manufacturer first
- Completely individual configuration
- ◆ Choice of more than 40 colours and patterns of the supporting structure



KLASIK PRO / KLASIK PRO CLEAR series



Maximum covered area ³⁾	413 × 850 cm	$413 \times 850 \text{ cm}$
Number of modules	4	4
Outer width "B"	471 cm	471 cm
Outer width "A"	429 cm	429 cm
Outer length "E"	860 cm	860 cm
Outer height "V"	100 cm	100 cm
Side entrance	✓	✓
Module panels	PK8 ¹⁾	PK4 ²⁾
ront head	removable	removable
Front head panel	PK8 ¹⁾	PK4 ²⁾
Rear head	fixed	fixed
Rear head panel	PK8 ¹⁾	PK4 ²⁾
Raised lower edge of heads	9,5 cm	9,5 cm
Supporting profiles	L	L
Track	AIR double-sided	AIR double-sided
Module locking	non lockable/lockable	non lockable/lockable
Colour	Anthracite DB 703	Anthracite DB 703
BOX package size	561 × 55 × 127 cm	561 × 55 × 127 cm
BOX package weight	470 kg	610 kg

¹⁾ **PK8** = Transparent channel polycarbonate with a thickness of 8 mm with UV protection.

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³⁾ Applies when the edge of the pool is up to 3 cm above ground level. Contact your dealer if the edge of the pool is raised higher.



Anthracite DB 703

KLASIK PRO / KLASIK PRO CLEAR series



KLASIK PRO / KLASIK PRO CLEAR

We would like to present to you a model from the ALBIXON BOX series, the KLASIK PRO enclosure. Just to avoid confusion, this is really a KLASIK enclosure. Large enclosed area, minimum height, maximum resistance to snow load, easy and fast installation – these are the significant advantages of the KLASIK PRO enclosure. What you will appreciate is the low profile and elegant lines.

Main advantages of the ALBIXON BOX

- Available on a short lead time
- Quick and easy installation
- Packaging variability



²⁾ **PK4** = Transparent clear polycarbonate with a thickness of 4 mm with UV protection.

KLASIK / KLASIK CLEAR

series



Maximum covered area ³⁾	331 ×	420 cm	317 × 6	635 cm	413 × 8	850 cm	499 × 1	.060 cm	564 × 1	1276 cm
Number of modules	2	2	3	3	4	4	5	5	6	6
Outer width "B"	361 cm	361 cm	361 cm	361 cm	471 cm	471 cm	571 cm	571 cm	650 cm	650 cm
Outer width "A"	347 cm	347 cm	333 cm	333 cm	429 cm	429 cm	515 cm	515 cm	580 cm	580 cm
Outer length "E"	433 cm	433 cm	646 cm	646 cm	860 cm	860 cm	1 073 cm	1 073 cm	1 286 cm	1 286 cm
Outer height "V"	100 cm	100 cm	100 cm	100 cm	130 cm	130 cm	155 cm	155 cm	175 cm	175 cm
Side entrance	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Module panels	PK8 ¹⁾	SAN ²⁾								
Front head	removable									
Front head panel	PK8 ¹⁾	SAN ²⁾								
Rear head	fixed									
Rear head panel	PK8 ¹⁾	SAN ²⁾								
Raised lower edge of heads	9,5 cm									
Supporting profiles	М	М	М	М	М	М	L	L	L	L
Track					AIR doub	ole-sided				
Module locking					non lockab	le/lockable				
Colour	Anthraci	te DB 703			Silver, Anthr	acite DB 703			Anthracit	te DB 703
BOX package size		430 × 41	× 157 cm		563 × 47	x 188 cm	606 × 61	× 175 cm	680×73	×200 cm
BOX package weight	240 kg	300 kg	290 kg	380 kg	470 kg	600 kg	680 kg	860 kg	880 kg	1 220 kg

¹⁾ **PK8** = Transparent channel polycarbonate with a thickness of 8 mm with UV protection.

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³⁾ Applies when the edge of the pool is up to 3 cm above ground level. Contact your dealer if the edge of the pool is raised higher.





Anthracite DB 703

KLASIK / KLASIK CLEAR

series



KLASIK / KLASIK CLEAR

An enclosure of medium height suitable for everyone, a traditional product you will never stop enjoying... that is our KLASIK enclosure. Choose an enclosure that will serve you for many years.

Main advantages of the ALBIXON BOX

- Available on a short lead time
- Quick and easy installation
- Packaging variability





²⁾ **SAN** = Transparent panel with a thickness of 4 mm.

KLASIK / KLASIK CLEAR

custom



CUSTOM KLASIK/KLASIK CLEAR - POSSIBLE DIMENSIONS

outer width	profile		minimur	n height for s	specified nun	nber of modu	ules (cm)	
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
251-300	М	80	85	85	90	95	95	100
350	М	90	95	100	100	105	105	110
400	М	105	105	110	110	115	115	120
450	М	115	115	120	120	125	130	130
500	М	125	125	130	135	135	140	140
550	L	135	140	140	145	145	150	150
600	L	145	150	150	155	155	160	160
650	L	160	160	165	165	170	170	175
700	XL	185	205	205	220	225	225	230
750	XL	195	220	230	235	235	240	245
800	XL	210	230	235	245	250	255	260
850	XL	245	250	255	260	265	270	270
900	XL	260	265	270	270	275	280	280

Panels:

PK4 = Transparent solid polycarbonate, clear/smoky, with a thickness of 4 mm with UV protection – for all profiles used. **PK8** = Cellular polycarbonate with a thickness of 8 mm, transparent / grey, with UV protection – for L profiles. **PK10** = Tube clear/smoke polycarbonate with a thickness of 10 mm with UV protection – for XL profiles. In the case of XL profiles, the heads are always made of PK 8-mm or PK4 panels.



KLASIK / KLASIK CLEAR custom



Custom production options

- Custom dimensions of enclosure
- Selection of the panel colour
- The position of the doors should be consulted with the manufacturer first
- Completely individual configuration
- Choice of more than 40 colours and patterns of the supporting structure



MONACO FUTURE

custom



CUSTOM MONACO FUTURE – POSSIBLE DIMENSIONS

outer width	profile		minimum	height for th	e specified n	umber of mo	dules (cm)	
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
351-400	L	200	200	200				
401-450	L	200	200	200	200	200	200	200
451-500	L	200	200	200	200	200	200	200
501-550	L+	200	200	201	202	203	204	205
551-600	L+	219	220	221	223	224	225	226

Panels:

46

PK4 = Transparent solid polycarbonate, clear/smoky, with a thickness of 4 mm with UV protection.

PK8 = Channel polycarbonate, clear/smoky, with a thickness of 8 mm with UV protection.

According to the current sample book

MONACO FUTURE

custom



MONACO FUTURE

The rollers, with their stainless

steel encapsulated bearings, slide easily. Hooks to prevent the lifting of modules are included.

The full height MONACO FUTURE enclosure becomes a unique decorative feature of each garden. Have fun with your friends by the swimming pool, play with your children in the water, improve your fitness by swimming or just relax peacefully regardless of the weather outside.

Custom production options

- Custom dimensions of enclosure
- Selection of the panel colour
- The position of the doors should be consulted with the manufacturer first
- Completely individual configuration
- Choice of more than 40 colours and patterns of the supporting structure



- > highly durable profiles
- > rounded shape



CASABLANCA

custom



CUSTOM CASABLANCA – POSSIBLE DIMENSIONS

outer width	profile	minimum height for the specified number of modules (cm)					dules (cm)	
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
151-200	L	38	44	50	56	62	68	74
250	L	42	48	54	60	66	72	78
300	L	45	51	57	63	69	75	81
350	L	48	54	60	66	72	78	84
400	L	51	57	63	69	75	81	87
450	L	55	61	67	73	79	85	91
500	L	58	64	70	76	82	88	94
550	L+	61	67	73	79	85	91	97
600	L+	65	71	77	83	89	95	101
650	XL	81	91	101	110	120	128	137
700	XL	85	94	104	113	123	132	140
750	XL	88	98	107	117	126	135	143
800	XL	91	101	110	120	130	138	147
850	XL	95	104	114	123	133	141	150

Panels:

PK4 = Transparent solid polycarbonate, clear/smoky, with a thickness of 4 mm with UV protection – for all profiles used. **PK8** = Cellular polycarbonate with a thickness of 8 mm, transparent / grey, with UV protection – for L and L+ profiles. **PK10** = Tube clear/smoke polycarbonate with a thickness of 10 mm with UV protection – for XL profiles. In the case of XL profiles, the heads are always made of PK 8-mm or PK4 panels.



CASABLANCA

custom



CASABLANCA

The rollers, with their stainless

of modules are included.

steel encapsulated bearings, slide

easily. Hooks to prevent the lifting

The CASABLANCA enclosure – a dominant landmark of your garden. It is not only an elegant enclosure for your pool, but also a space for versatile use. You no longer need to have any worries about the weather when you want to have some fun with your friends by the pool.

Custom production options

- Custom dimensions of enclosure
- Selection of the panel colour
- ⇒ The position of the doors should be consulted with the manufacturer first
- Completely individual configuration
- Choice of more than 40 colours and patterns of the supporting structure

Enclosure structure

- > highly durable profiles
- > rounded shape
- > undergoes demanding stress tests

The Air track can be walked on, is easy to sink into the ground and provides hidden anchoring elements.

DALLAS WALL-MOUNTED

custom



CUSTOM DALLAS WALL-MOUNTED - POSSIBLE DIMENSIONS

outer width	profile		minimum height for the specified number of modules (cm)					
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
201-250	L	90	97	104	111	118	125	132
300	L	95	102	109	116	123	130	137
350	L	100	107	114	121	128	135	142
400	L	105	112	119	126	133	140	147
450	L	110	117	124	131	138	145	152
500	L+	115	122	129	136	143	150	157
550	L+	120	127	134	141	148	155	162

Panels:

PK4 = Transparent solid polycarbonate, clear/smoky, with a thickness of 4 mm with UV protection – for all profiles used. **PK8** = Channel polycarbonate, clear/smoky, with a thickness of 8 mm with UV protection – for all profiles used.



DALLAS WALL-MOUNTED

custom



DALLAS WALL-MOUNTED

How to best cover a swimming pool located near a wall? The solution is DALLAS WALL-MOUNTED, which offers you an unexpected amount of space in a small area.

Custom production options

- Custom dimensions of enclosure
- Selection of the panel colour
- ⇒ The position of the doors should be consulted with the manufacturer first
- Completely individual configuration
- Choice of more than 40 colours and patterns of the supporting structure



MIAMI

custom



CUSTOM MIAMI – POSSIBLE DIMENSIONS

outer width	profile	minimum height for the specified number of modules						
up to (cm)	type	1 module	2 modules	3 modules	4 modules	5 modules	6 modules	7 modules
401-450	XL	62	72	82	92	102	112	122
500	XL	64	74	84	94	104	114	124
550	XL	67	77	87	97	107	117	127
600	XL	69	79	89	99	109	119	129
650	XL	71	81	91	101	111	121	131

Panels:

PK4 Transparent solid polycarbonate, clear/smoky, thickness of 4 mm with UV protection.

Enclosure construction

- Highly resistant XL profiles
- Rounded shape
- Undergoes tough stress tests

Compact polycarbonate

- UV protection
- 4 mm thick
- Protects the pool perfectly
- Clear / smoky version

Air XL rail

- Axial distance 110 mm, height 20 mm
- Fully walkable
- Hidden anchoring elements









MIAMI

custom



MIAMI

Quality without compromise, unique colours and high durability. All of this is the MIAMI enclosure which we produce 100% to order.

Custom production options

- Custom dimensions of enclosure
- Selection of the panel colour
- The position of the doors should be consulted with the manufacturer first
- Completely individual configuration
- Choice of more than 40 colours and patterns of the supporting structure

Enclosure structure

- > highly durable profiles

The Air track can be walked on, is easy to sink into the ground and provides hidden anchoring elements.



Profiles and Rails

Supporting profiles

M profiles

These are profiles for small and medium enclosures. Elegantly rounded and firm inside and out.

Cross-section 40 × 55 mm.



L profiles

They are suitable for medium-sized enclosures. They have the same appearance as M profiles, but their structure is reinforced.

Cross-section 40×55 mm.



L+ profiles

Profiles for large enclosures. The middle profile is larger compared to the L series.

Cross-section 40×55 mm and 40×72 mm.



XL profiles

This profile series is designed for the largest enclosures, where there is an emphasis on uncompromising durability.

Cross-section 73 × 55 mm.



Rails

AIR rails

They are suitable for enclosures made from M, L, and L+ profiles. The rails are manufactured in such a way that the anchor bolts are not visible. We offer a version for enclosures with a low and high impact angle.

Height 20 mm, pitch 70 mm.

54



AIR rails 110 mm

AIR rails specifically designed for the CASABLANCA enclosure with XL profiles.

Rails Standard XL

Standard rails specifically designed for the KLASIK and DALLAS enclosure with XL profiles.

Wall-mounted rail

Wall-mounted rail for the DALLAS enclosure.

Height 20 mm, pitch 110 mm.



Height 25 mm, pitch 110 mm.



Height 70 mm, pitch 70 mm.



Panels and Colours

Panels

Compact polycarbonate

The most popular variant is the compact polycarbonate PK4 with a thickness of 4 mm. You will love its elegant appearance and perfect transparency. **UV protection as standard and available in 2 colours.**

Channel polycarbonate

The channel polycarbonate PK8 and PK10 with a thickness of 8 or 10 mm is stable. It has excellent insulation capabilities and provides plenty of privacy when swimming under a roof. **UV protection as standard and available in 2 colours.**



Standard styrene acrylonitrile

An economical option is styrene acrylonitrile SAN with a thickness of 4mm. You will love it especially for its attractive price, while maintaining a pleasant appearance and high transparency. **UV protection as standard and only available in clear.**



Profile colours

We use highly resistant powder paints for enclosure structures, which we apply in our own paint shop. In addition to the standard Silver and Anthracite DB 703, other colours from our sample book are also popular, as well as design patterns that will complement the colour of your house or window frames.

In the case of standard enclosures, the colours are given. The colours for custom enclosures are as follows:



55

Come and see our complete swatches.

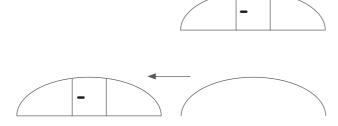
Enclosure details

Front and back panels

Fixed

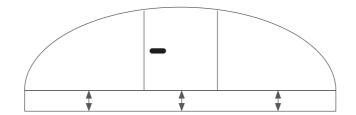
Removable

The front and back panels of the enclosure can be fixed permanently with screws or kept removable using a panel screw. We recommend removable panels when the enclosure cannot be fully opened out of the swimming pool area and you commonly swim under. The removable panel can be fitted with lockable panel screws. Depending on the size, the panel can be made as a single piece or in multiple pieces.



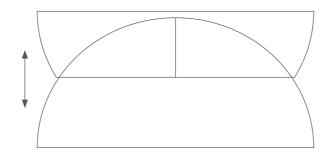
Raised bottom panel edges

This detail facilitates smooth movement of the enclosure for example over an elevated pool border. We offer an elevation of the bottom panel edge, covered by a durable canvas, up to 15 cm. If the elevation is higher, the sealing of the enclosure will be impaired.



Clapper

The lower part of the front panel is opened upwards for unobstructed movement of the enclosure over obstacles, such as a ladder or a spring-board. The maximum clapper height is up to half the height of the front/back panel. ATTENTION! There can't be any door in the panel in combination with a clapper. We always recommend consulting the manufacturer on the use of a clapper.



Side entrance

It is usually located on the biggest module. It can be placed in 4 module quadrants The side entrance is lockable.



Enclosure details

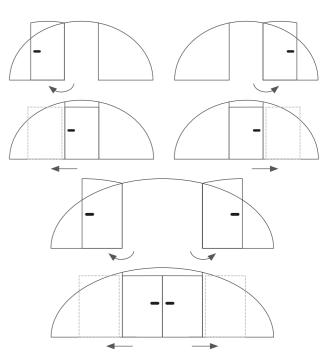
Doors in front/back panels

Hinged (left, right)

Sliding (left, right)

Double-wing (hinged, sliding)

They can be hinged or sliding. The standard width is 80 cm for single-wing and 120 cm for double-wing doors. If the required door width exceeds 90 cm and 140 cm for single-door and double-wing doors, respectively, we recommend using the sliding variant for better stability. We also recommend sliding doors for higher enclosures. We do not recommend a door in the front/back panel of the CASABLANCA INFINITY enclosure. If a hinged door is positioned off -centre, the hinges need to be placed on the side of the door closer to the axis. Doors are available in versions with a door-sill or without.



Stoppers

Non-lockable

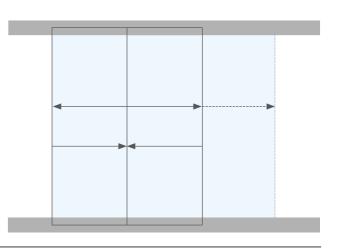
Lockable

As a standard, each module is supplied with two stoppers in its open/close position. For even higher safety, the stoppers can be lockable. The stoppers are controlled from the outside of the enclosure as a standard, except the smallest module where a user can operate the stopper from the inside due to safety reasons - when the user has been locked inside the enclosure he can open the module from within.



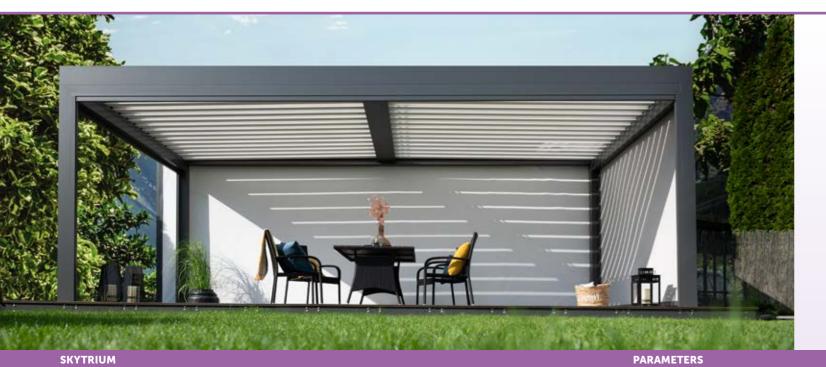
Module length

The enclosure modules have a standard length of 219 cm, unless specified otherwise. The recommended module length ranges between 180 and 250 cm. We do not recommend any other size in order to preserve smooth enclosure movement. We recommend only standard sizes of the CASABLANCA INFINITY enclosure modules. It might be necessary to add supporting arches to maintain a certified loading capacity when a longer length has been specified.





SKYTRIUM Bioclimatic pergola



Dimensions	5 760 x 3 720 x 2 850 mm (L \times W \times H) – bioclimatic pergola 5 900 \times 1 100 \times 850 mm (L \times W \times H) – ALBIXON BOX
Colour	Anthracite DB 703, we paint in our own certified powder coating shop
Load	90 kg/m²
Controls	electromechanical, remote-controlled
Accessories	rain sensor, integrated LED lighting
Optional accessories	shading

SKYTRIUM combines several functions – **shading**, **an enclosure** with water drainage and **adjustable ventilation**. Thanks to the unique shape of the roof profiles, the pergola **drains rainwater** when closed, so you can spend your time under it comfortably even in bad weather. The pergola is made of **solid aluminium alloy** with **stainless steel** components, so it is weatherproof. Its minimalist design will ensure that it fits into any garden and improves the impression made by your home.

ventilation – natural air exchange to achieve a comfortable environment by controlled rotation of the roof blades

protection against the impacts of climate – sun, rain, snow

LED lighting – Thanks to integrated LED lighting, you can enjoy your pergola at any time of the day or night. You can control the lights and adjust the light intensity comfortably via the remote control.

shading – regulating the temperature and intensity of sunlight on the terrace while maintaining light comfort

a functional solution regardless of the cardinal orientation of the garden

- owing to the variable placement of the roof blades of the GARDA and GARDA PLUS models

Characteristics:

GARDA: designed for north, east and west facing terraces **GARDA PLUS:** designed for south facing terraces

SKYTRIUM Bioclimatic pergola



SKYTRIUM - ALBIXON BOX

ALBIXON SKYTRIUM BOX specification:

- ⇒ Box dimensions: 5900 x 1100 x 850 mm (L × W × H)
- Weight: approx. GARDA 800 kg, GARDA PLUS 850 kg
- Assembly time: 4–6 hours
- Shipping capacities:
- 20' Container: 4 pcs.
- ⇒ 40′ & 40′ HQ Container: 8 pcs.
- Lorry: 12 pcs.
- Evenly distributed load for forklift handling
- Prefabricated structure to eliminate additional modifications at the installation site
 - All holes are pre-drilled
 - Posts cut to exact length, height adjustment is possible through underlaying
 - Unified footplates
- ⇒ Unified posts 2 with drain pipes, 1 with control unit
- ⇒ Water drain through plastic pipe (2x), optional spigot or gaiger end, supplied with spigot caps
- Fixed motor location always on the right
- Pre-drilled holes for cable harnesses, routing of cable harnesses in structures
- Connection of cabling via connectors
- ➡ Blades with integrated LED lighting, pre-wired with connector, the perimeter frame is pre-wired with connectors (speeding up the installation)
- Prefabricated for 3 blinds (1x long, 2x short) housing, cabling, recessed guide rails can be purchased separately and fitted at a later date
- Blinds are supplied separately as optional accessories

Pergola location options

Pergola adjacent to the house

Enhance your home with an outdoor space where you can spend time with your loved ones both on hot summer days and in inclement weather. We can adapt the dimensions to your needs, and the pergolas can also be combined to create a generous, compact outdoor space.

Free-standing pergola

The SKYTRIUM pergola can also stand alone wherever you need it and serve as a seating area in the tranquillity of your garden or as an outdoor kitchen. Thanks to its sophisticated design, highly durable profiles and high-quality connecting components, it is reliably free-standing.





MOOVER

The best way to get your enclosure moving



Dimensions	Length	1157 mm		
	Width (without mounting brackets and external connectors)	80 mm		
	Width (with mounting brackets)	110 mm		
	Height	163 mm	With retracted wheel.	
Weight	Weight of MOOVER (incl. battery)	27 kg		
	Weight of package	30 kg		
Electronics: power supply	MOOVER's standby time (the value is only approximate – without the support of the integrated solar panel)	Up to 800 hours	In ideal conditions and at 100% charge.	
	Remote control in standby mode (the value is approximate)	Two years	In ideal conditions.	
	Maximum voltage in the system	18 V	Integrated solar panel circuit – the volt age depends on ambient conditions.	
	Rated voltage of the main battery	12 V		
	Maximum voltage of the main battery	14.4 V	Only during charging.	
	Capacity of the main battery	18 Ah		
	Maximum charging current of the integrated solar panel	7.5 W		
	Battery type	Pb	Dimensions: Length – 151 mm, Width 65 mm, Height – 94 mm, Height with connectors – 98 mm	
	Charging adapter	3 A, 18 V, 60 V	V	
	INPUT	00 – 240 VAC 50/60Hz, 1.4A		
	OUTPUT	18 VDC, 3,33A, 60 W MAX.		
Electronics: antenna	Band	2.4 GHz		
	Range	Up to 15 m	Depending on ambient conditions.	
	Maximum number of paired transmitters	10	When another remote control is paired, the first paired remote is automatically disconnected	
Drive	Gearbox type	Auger		
	Motor power	150 W		
Safety features	Current load limitation – software	-	According to firmware settings.	
	Current load limitation – hardware	Fuse 15 A		
Device protection	IP Coverage	IPX4		
User Terms	Maximum height curvature of the floor	8 mm		
64	Minimum floor width from the edge of the enclosure (not rails) 120 mm			

MOOVER Everything you need to know





MOOVER is quiet and smooth in operation; it is remotely controlled and solar charged. You can install it yourself on to a new or existing enclosure.

We have developed the MOOVER – a modern and technologically advanced electric moving system for enclosures. Developed In cooperation with engineers from the automotive industry, a must have for every owner of a pool with an enclosure.

Power unit: The high-capacity battery (12 V, 18 Ah) can power the electric moving system for up to 1,5 hours of continuous operation. What is more, thanks to the 7 Wh solar panel, MOOVER can have enough energy for normal operation throughout the bathing season if there is enough sunlight.

LED panel: The intelligent LED panel informs you about the current status of your MOOVER.

Suspension system: The rubber wheel, which transmits all the power of the drive system, ensures optimum traction on most surfaces, even in wet conditions¹⁾. Traction on uneven surfaces is also helped by a spring that can overcome up to 8 mm of unevenness.

Drive system: The 150 W electric motor is directly connected to a hermetically sealed auger gearbox with semi-fluid lubricant. Thanks to this connection, the electric drive can generate sufficient power with minimal energy consumption. The entire gearbox, including the belt, is also maintenance-free and damped with silent blocks.

Mounting system: The installation of the MOOVER to an enclosure is straightforward and simple enough for anyone to install, and versatile enough to be installed on almost any enclosures²⁾.

Design solution:

Thanks to its universal design, MOOVER can be installed with most types of pool enclosures manufactured by ALBIXON or other manufacturers².

Stay in the loop:

Detailed overview and safe operation are ensured by a digital LED panel that visually alerts you to the end of the track, informs you of the battery level and indicates the direction of movement of the enclosure.

Easy installation:

You will manage to install the MOOVER by yourself. The practical packaging has been designed to help you along the way and what's more, it is environmentally friendly.

Clever design:

The elegant black-and-white combination matches all the shades of the enclosure. The undistracting minimalist design is innovative and timeless and will make the MOOVER the highlight of your garden.

Power supply:

The solar panel ensures carefree operation throughout the season. In the event of there being little sunlight, you can simply charge the system from the mains.

Enjoy the comfort:

A remote control with a range of up to 15 metres for your comfort. Up to ten of these remotes can be paired with one device for the whole family to enjoy it.

¹⁾ In the event of any problems with a slippery surface, adhesion enhancers can be used to address this issue. Check with your nearest dealer for this option.

²⁾ MOOVER can be installed with all types of track enclosure without a negative impact angle. The product is not intended for wall-mounted enclosures

MOOVER cannot be installed on to the MIAMI enclosure.

www.MOOVER.eu

INVERBOOST PX heat pumps

INVERBOOST C heat pumps



MODEL		XHPFD 100 PX	XHPFD 140 PX
Max. heat output	kW	9,5	13,5
Max. input	kW	1,51	2,14
Max. heating factor*	COP	16	16
Voltage	V	220-240	220-240
Nominal current	А	6,7	9,5
Recommended pool volume	m³	12-34	16-65
Recommended water flow rate	m ³ .h- ¹	2,9	4,2
Diameter of inlet/outlet water piping	mm	50	50
Optional touch screen		✓	✓
Optional Wi-Fi connection		✓	✓
Cooling function		✓	✓
Noise at 10 m	dB(A)	25	28
Noise at 1 m	dB(A)	32-46	34-48
Water pressure	kPa	12	15
Coolant	g	650	840
Type of coolant		R32	R32
Invertor		✓	✓
Net dimensions	mm	855 × 325 × 565	986 × 352 × 672
Net weight	kg	68	78

The PX models are the flagship among heat pumps. These devices with inverters are characterised by very quiet operation while maintaining maximum performance and efficiency. They are controlled via a touch screen or remotely via Wi-Fi. They work in three modes, Eco, Normal and Boost, allowing you to choose the speed at which water is heated and electricity is consumed. The ecological coolant R32 is used..

kg

942 × 375 × 695

73

1073 × 402 × 805

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	INVERBOOST C XHPFDPLUS 100 E	INVERBOOST C XHPFDPLUS 160 E
kW	9	16
kW	1,55	2,67
COP	13	13
V	220–240	220–240
А	6,65	11,31
m^3	0-40	25–65
m^3 . h^{-1}	3	5
mm	50	50
	✓	✓
	✓	✓
	✓	✓
dB(A)	32–44	33–44
dB(A)	40-52	41–56
kPa	15	15
g	650	1100
	R32	R32
	✓	✓
mm	$1008 \times 380 \times 577$	1050 × 440 × 709
kg	56	78
mm	1095 × 430 × 705	1130 × 470 × 850
kg	68	83
	kW COP V A m³ m³ . h-¹ mm dB(A) dB(A) kPa g mm kg mm	kW 9 kW 1,55 COP 13 V 220-240 A 6,65 m³ 0-40 m³.h-¹ 3 mm 50 ✓ dB(A) 32-44 dB(A) 40-52 kPa 15 g 650 R32 ✓ mm 1008 × 380 × 577 kg 56 mm 1095 × 430 × 705

The INVERBOOST C series is an inverter series of heat pumps with comfortable control. The inverter works in three modes: Eco, Normal and Boost. You can choose the heating rate and thus the electricity consumption. By adding a touch screen and Wi-Fi connection, you can control the device from your mobile phone. The ecological coolant R32 is used.

Package dimensions

Gross weight

XHPFDPLUS heat pumps



MODEL XHPFDPLUS 60 XHPFDPLUS 100 XHPFDPLUS 140 XHPFDPLUS 160 XHPFDPLUS 200

Max. heat output	kW	5	9	12	15	18
Max. input	kW	0,8	1,44	1,92	2,40	2,88
Max. heating factor*	СОР	6,25	6,25	6,25	6,25	6,25
Voltage	V	220-240	220-240	220-240	220-240	220-240/380-400
Nominal current	А	4,5	7,1	9,5	9,5	14,2
Recommended pool volume	m³	0-20	25-40	35–60	40-65	60-90
Recommended water flow rate	m ³ . h- ¹	2.5~3,2	2.8~5,6	3,5~7,1	4~7,9	5,6~11,2
Diameter of inlet/outlet water piping	mm	50	50	50	50	50
Optional touch screen		✓	✓	✓	✓	✓
Optional Wi-Fi connection		✓	✓	✓	✓	✓
Cooling function		✓	✓	✓	✓	✓
Noise at 10 m	dB(A)	35	36	37	42	42
Noise at 1 m	dB(A)	44	45	46	51	51
Water pressure	kPa	12	15	15	15	16
Coolant	g	500	650	850	900	1700
Type of coolant		R32	R32	R32	R32	R410a
Invertor		×	×	×	X	×
Net dimensions	mm	935 × 360 × 545	935 × 360 × 545	1045 × 410 × 695	1045 × 410 × 695	1045 × 410 × 850
Net weight	kg	44	51	61	72	100
Package dimensions	mm	1060×380×590	1060×380×590	1140 × 430 × 740	1140 × 430 × 740	1140 × 430 × 990
Gross weight	kg	47	55	65	76	110

Powerful XHPFDPLUS heat pumps are the mainstays in our offer. Now with a modern look and the optional touch screen and Wi-Fi connection. Most versions use the ecological coolant R32.

Swim jets



MODEL	ELEGANCE 70	ELEGANCE 80	ELEGANCE 95
Voltage	230/400 V	400 V	400 V
Output	70 m³/h	80 m³/h	95 m³/h
Input	2,2 kW	3 kW	4 kW
Jet diameter	40 mm	40 mm	40 mm
Pipe diameter	75 mm	75 mm	75 mm





Electric circuit breaker

For safe connection to a power grid.

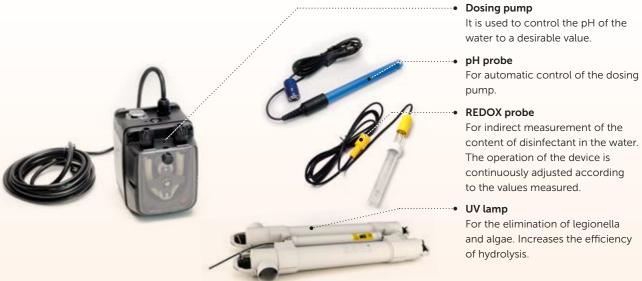
Innovative piezoelectric switching ensures reliable operation. In addition, the control unit features automatic switch-off after a set time. The option of switching directly from the pool is enabled by a remote control to be used outside the pool.

Would you like to swim in your own Olympic-sized swimming pool but your garden is too small? The ELEGANCE swim jet is here for you. It will enable you to practice your swimming endurance even in a small pool and to push the limits of your abilities further and further. The counter-current can be turned on and off safely directly from the pool. At the same time, you can easily regulate the direction and intensity of the water flow, which will surely be appreciated by your whole family.

UV SCENIC salt dispensers

UV SCENIC salt dispensers





content of disinfectant in the water.

TECHNICAL PARAMETERS UV SCENIC	AUTOMATIC CHECKS	UV
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Power intensity	0-100%		
Max. production of Cl2	X		
Salt concentration	1,5-3 g/l NaCl		
Pool volume (up to 28 °C)	65 m³		
Pool volume (+ 28 °C)	40 m³		
Display	Colour 2.8" TFT		
Power supply	220 V 50/60 Hz		
Output	8–15 A		
Max. consumption	230 W		
Dimensions	220 × 115 × 270 mm		
Automatic cleaning	Programmable from 1 to 24 hours		
Safety flow sensor	Gas and mechanical		
Alarms	insufficient amount of salt; no flow, - low / high pH values; max. pH measurement time; memory error		
Salt concentration display	Salt detection in g.l-1 (<u>±</u> 10 %)		
Electrolytic cell	5 titanium plates of MONOPOLAR cell		
Minimum flow	5 m³ . h-1		
Tube connection diameter	63 mm		
Maximum pressure	4 kg . cm-2		
Maximum temperature	45 °C		
Self-cleaning	YES		
Communication	MODBUS / Wi-Fi		
Control of main outputs	filtration time; lighting; temperature		
Control of additional outputs	4 relays controlling other devices		

70

It detects the pH of the water so that the salt dispenser can automatically adjust the pH to the desired value. pH PROBE 1) Measuring range: 0-14 + 0.1 pH. TEMPERATURE 1) Detects the water temperature to be shown on the display. Measurement range: $0-100 \pm 1$ °C. It is used to determine the water purity status for setting the electrolysis performance (on/off). REDOX 2) 3) Packaging: REDOX probe¹⁾, calibration solutions and accessories for installation. Measuring range: $0-1000 \pm 3$ mV

It is used to determine the salt content in the water Packaging: probe and installation accessories. Measuring range: $0-20,000 \pm 0.1 \, \text{MS}$

JV SCENIC

The UV SCENIC salt dispenser uses three different principles of water disinfection based on salt electrolysis, water hydrolysis and UV radiation. Electrolysis produces free chlorine to disinfect the pool by decomposing the salt in the water. The OXILIFE technology also uses hydrolysis, i.e. the breakdown of water molecules into oxidants, for disinfection. The UV lamp increases the efficiency of hydrolysis and kills a wider spectrum of bacteria. Besides being a full-featured solution, it only uses a low water salinity of 1.5 g/l. In addition, the UV SCENIC salt dispenser controls the pH of the pool water and adjusts it automatically to an ideal value. It is equipped with a REDOX module for indirect measurement of the amount of disinfectant in the water, allowing to control its replenishment. A Wi-Fi module is often added, as it allows remote control of the salt dispenser via the internet. The UV SCENIC salt dispenser can control up to four other pool devices. You can use it to start the filter and heat pump or turn on the pool lighting. An additional control touch screen can be connected to the unit and placed separately from the salt dispenser in a more accessible location via a long cable.

Advantages of UV SCENIC water

- Does not dry the skin
- Triple water treatment by electrolysis, hydrolysis and UV radiation
- Highly effective disinfection despite lower chlorine content
- Crystal-clear water without excessive chlorine odour
- No handling or storage of
- Ecological system salt is a natural product
- Slightly salty water

CONDUCTIVITY 2)

The pH and REDOX probes are consumer products with a limited warranty of 6 months.

¹⁾ The device is part of the basic equipment

²⁾ Optional device

OXILIFE salt dispensers

OXILIFE salt dispensers



Control unit

The heart of the system with wide expansion options.

Touch display

For intuitive operation, optionally with a 10 m cable for any desired location.

Electrolytic cell

Here is where the electrolytic reaction occurs, when the decomposition of the salt contained in the water produces a gaseous chlorine, which then reacts immediately with water. This produces hypochlorous acid, which disinfects the water.

At the same time, a hydrolytic reaction occurs, which breaks down water molecules into ozone, hydroxide hydrogen, hydrogen cation and hydroxianion, which also have a disinfectant effect.

TECHNICAL PARAMETERS OXILIFE

Power intensity	0-100%
Max. production of Cl2	Х
Salt concentration	1,5-2,5 g/l NaCl
Pool volume (up to 28 °C)	60 m ³
Pool volume (+ 28 °C)	40 m ³
Display	Colour 2.8" TFT
Power supply	220 V 50/60 Hz
Output	8-15 A
Max. consumption	120 W
Dimensions	220 × 115 × 270 mm
Automatic cleaning	Programmable from 1 to 24 hours
Safety flow sensor	Gas and mechanical
Alarms	insufficient amount of salt; no flow; low / high pH values; max. pH measurement time; memory error
Salt concentration display	Salt detection in g.l-1 (<u>+</u> 10 %)
Electrolytic cell	5 titanium plates of MONOPOLAR cell
Minimum flow	5 m ³ . h-1
Tube connection diameter	63 mm
Maximum pressure	4 kg . cm-2
Maximum temperature	45 °C
Self-cleaning	YES
Communication	MODBUS / Wi-Fi
Control of main outputs	filtration time; lighting; temperature
Control of additional outputs	4 relays controlling other devices



Sleeve

For easy installation of sensors in piping.

Dosing nump

It is used to control the pH of the water to a desirable value.

pH probe

For automatic control of the dosing

Temperature sensor

Measuring water temperature.

REDOX probe (optional)

For indirect measurement of the content of disinfectant in the water. The operation of the device is continuously adjusted according to the values measured.

AUTOMATIC CHECKS

OXILIFE

pH PROBE 1)	It detects the pH of the water so that the salt dispenser can automatically adjust the pH to the desired value $Measuring range: 0-14 \pm 0.1 pH.$					
TEMPERATURE 1)	Detects the water temperature to be shown on the display. Measurement range: 0-100 \pm 1 $^{\circ}$ C.					
REDOX 2) 3)	It is used to determine the water purity status for setting the electrolysis performance (on/off). Packaging: REDOX probe, calibration solutions and accessories for installation. Measuring range: $0-1000 \pm 3 \text{ mV}$					
CONDUCTIVITY 2)	It is used to determine the salt content in the water. Packaging: probe and installation accessories. Measuring range: 0-20 000 + 0.1 MS					

The OXILIFE salt dispenser uses two different principles of water disinfection based on salt hydrolysis and water electrolysis. Electrolysis produces free chlorine to disinfect the pool by decomposing the salt in the water. The OXILIFE technology also uses hydrolysis, i.e. the breakdown of water molecules into oxidants, for disinfection. Besides being a full-featured solution, it only uses a low water salinity of 1.5 g/l. For proper functioning it is essential not to exceed a salinity of 3 g/l. In addition, the OXILIFE salt dispenser controls and automatically adjusts the pH of the pool water to an ideal value. It can be complemented with a REDOX module or free chlorine. A Wi-Fi module is often added, as it allows remote control of the salt dispenser via the internet. The OXILIFE salt dispenser can control up to four other pool devices. You can use it to start the filter and heat pump or to turn on the pool lighting. The touch control screen can be removed from the salt dispenser and operated through a cable connection. The cable can be extended with the use of an adapter.

Advantages of OXILIFE water treatment

- Does not dry the skin
- Double water treatment by electrolysis and hydrolysis
- Low operating costs
- Clear water without excessive odour
- No handling and/or storage of chlorine
- Ecological system salt is a natural product
- Slightly salty water

¹⁾ The device is part of the basic equipment

²⁾ Optional device

³⁾ In order to use the automatic control of water disinfection, it is necessary to install a REDOX probe.

¹ module = probe + chip (the chip remains and the probe is replaced, depending on the service life).

The pH and REDOX probes are consumer products with a limited warranty of 6 months.

HIDROLIFE salt dispensers

HIDROLIFE salt dispensers



Control unit

The heart of the system with wide expansion options.

Touch display

For intuitive operation, optionally with a 10 m cable for any desired location.

Electrolytic cell

This is where the electrolytic reaction takes place. The salt in the water decomposes to produce chlorine gas, which immediately reacts with the water to create hypochlorous acid that disinfects the water.

TECHNICAL PARAMETERS	HIDROLIFE

Power intensity	Х			
Max. production of Cl2	16 g.h-1			
Salt concentration	3−5 g/l NaCl			
Pool volume (up to 28 °C)	65 m ³			
Pool volume (+ 28 °C)	40 m³			
Display	Colour 2.8" TFT			
Power supply	220 V 50/60 Hz			
Output	8-15 A			
Max. consumption	120 W			
Dimensions	220 × 115 × 270 mm			
Automatic cleaning	Programmable from 1 to 24 hours			
Safety flow sensor	Gas and mechanical			
Alarms	insufficient amount of salt; no flow; low / high pH values; max. pH measurement time; memory error			
Salt concentration display	Salt detection in g.l-1 (± 10 %)			
Electrolytic cell	4 titanium plates of MONOPOLAR cell			
Minimum flow	5 m³ . h-1			
Tube connection diameter	63 mm			
Maximum pressure	4 kg . cm-2			
Maximum temperature	45 °C			
Self-cleaning	YES			
Communication	MODBUS / Wi-Fi			
Control of main outputs	filtration time; lighting; temperature			
Control of additional outputs	4 relays controlling other devices			



For easy installation of sensors in piping.

It is used to control the pH of the water

For automatic control of the dosing

Measuring water temperature.

REDOX probe (optional)

For indirect measurement of the content of disinfectant in the water. The operation of the device is continuously adjusted according

AUTOMATIC CHECKS

HIDROLIFE

pH PROBE 1)	It detects the pH of the water so that the salt dispenser can automatically adjust the pH to the desired value. Measuring range: $0-14\pm0.1$ pH.
TEMPERATURE 1)	Detects the water temperature to be shown on the display. Measurement range: $0-100 \pm 1$ °C.
REDOX 2) 3)	It is used to determine the water purity status for setting the electrolysis performance (on/off). Packaging: REDOX probe, calibration solutions and accessories for installation. Measuring range: $0-1000 \pm 3 \text{ mV}$

The HIDROLIFE salt dispenser controls and automatically adjusts the pH of the pool water to an ideal value. Electrolysis produces free chlorine to disinfect the pool by decomposing the salt in the water. For proper functioning, the amount of salt in the water should be maintained at a minimum of 3.5 g/l. The recommended value is 5 g/l. It can be upgraded with a REDOX module or free chlorine. A Wi-Fi module is often added, as it allows remote control of the salt dispenser via the internet. The HIDROLIFE salt dispenser can control up to four other pool devices. You can use it to start the filter and heat pumps or to turn on the pool lighting. The touch control screen can be removed from the salt dispenser and operated through a cable connection. The cable can be extended with the use of an adapter.

Advantages of HIDROLIFEE water treatment

- Does not dry the skin
- Low operating costs
- Clear water without excessive
- No handling and/or storage of chlorine
- Ecological system salt is a natural product
- Slightly salty water

¹⁾ The device is part of the basic equipment

²⁾ Optional device

³⁾ In order to use the automatic control of water disinfection, it is necessary to install a REDOX probe.

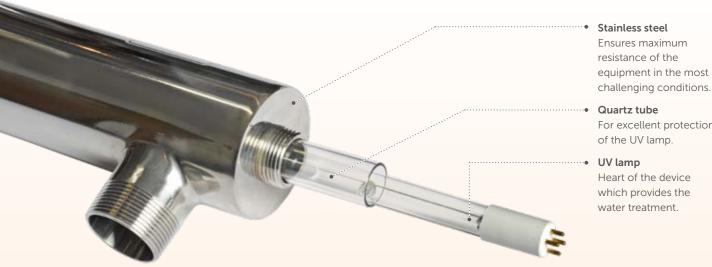
¹ module = probe + chip (the chip remains and the probe is replaced, depending on the service life).

The pH and REDOX probes are consumer products with a limited warranty of 6 months.

NEOSAL salt dispensers

UV lamps





equipment in the most

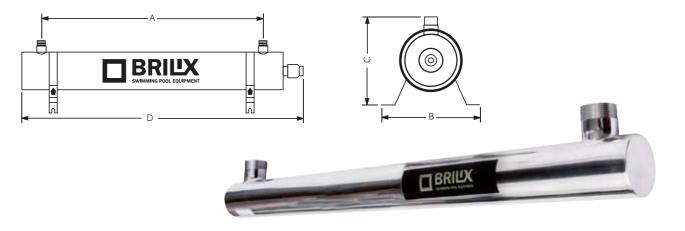
For excellent protection

TECHNICAL PARAMETERS	ERS NEOSAL		
Power intensity	0-16 g Cl2 / h		
Max. production of Cl2	16 g.h-1		
Salt concentration	3−5 g/l NaCl		
Pool volume (up to 28 °C)	65 m³		
Pool volume (+ 28 °C)	40 m³		
Display	Colour 1.44" TFT		
Power supply	230 V 50/60 Hz		
Output	8–15 A		
Max. consumption	120 W		
Dimensions	220 × 115 × 270 mm		
Automatic cleaning	Programmable from 1 to 24 hours		
Safety flow sensor	Gas and mechanical		
Alarms	insufficient amount of salt; no flow; memory error		
Salt concentration display	NO		
Electrolytic cell	4 titanium plates of MONOPOLAR cell		
Minimum flow	5 m ³ . h-1		
Tube connection diameter	63 mm		
Maximum pressure	4 kg . cm-2		
Maximum temperature	45 °C		
Self-cleaning	YES		
Control of main outputs	NO		
Control of additional outputs	NO		

Salt water is healthy and does not irritate the human eye or skin. A small amount of free chlorine is obtained from the salt water in the pool through electrolysis, which is sufficient for quality disinfection of the pool. The free chlorine thus formed is transformed into salt again after a short time. The NEOSAL salt dispenser controls the intensity of the formation of free chlorine in the electrolytic cell on the basis of the manual setting on the display. The touch control screen can be removed from the salt dispenser and operated through a cable connection. The cable can be extended with the use of an adapter.

MODEL	SP-I	SP-II	SP-III	SP-IV	SP-V
A (mm)	267	786	786	786	786
B (mm)	175	175	175	175	175
C (mm)	155	155	155	155	155
D (mm)	420	930	930	930	930
Pipe diameter	50 mm	50 mm	50 mm	50 mm	50 mm
Voltage	230 V	230 V	230 V	230 V	230 V
Input	16 W	40 W	65 W	85 W	2 × 85 W
Minimum flow rate	6 m ³ /h	9 m³/h	12 m³/h	15 m³/h	20 m³/h
Maximum pressure	3 bar	3 bar	3 bar	3 bar	3 bar
For pools up to	15 m³	35 m³	55 m³	70 m³	140 m³

The use of the SP UV lamp is a smart way to keep the pool water clean without the use of chlorine. Before returning to the pool, all filtered water passes through the body of the UV lamp, where it is exposed to UV radiation. This eliminates any harmful germs or bacteria and the water in your pool is clean without the use of any chemicals.



STATION control units

STATION control units





For easy installation of sensors in piping.

It is used to control the pH of the water

For automatic control of the dosing

Measuring water temperature.

For indirect measurement of the content of disinfectant in the water. The operation of the device is continuously adjusted according to the values measured.

TECHNICAL PARAMETERS	STATION	
TECHNICAL PARAMETERS	SIATION	A

Power intensity	X
Max. production of Cl2	X
Salt concentration	X
Display	Colour 2.8" TFT
Power supply	230 V 50/60 Hz
Output	X
Max. consumption	40 W
Dimensions	220 × 115 × 270 mm
Safety flow sensor	Mechanical
Alarms	low / high pH values; max. pH dosing time; max. Cl dosing time; memory error
Communication	MODBUS / Wi-Fi
Control of main outputs	filtration time; lighting; temperature
Control of additional outputs	4 relays controlling other devices

AUTOMATIC CHECKS

pH PROBE 1)

It detects the pH of the water so that the salt dispenser can automatically adjust the pH to the desired value.

Measuring range: 0-14 ± 0.1 pH.

TEMPERATURE 1) Detects the water temperature to be shown on the display. Measurement range: $0-100 \pm 1$ °C. It is used to determine the water purity status for setting the electrolysis performance (on/off).

REDOX 2) 3) Packaging: REDOX probe¹, calibration solutions and accessories for installation. Measuring range: $0-1000 \pm 3 \text{ mV}$

It is used to determine the salt content in the water. CONDUCTIVITY 2)

Packaging: probe and installation accessories. Measuring range: 0-20,000 \pm 0.1 MS

The STATION dosing unit is the solution where salt water cannot be used. The unit is equipped with a probe for measuring pH values and a probe for measuring REDOX values. This makes it possible to control the dosage of two types of chemicals to ensure hygienically clean water even in highly variable pool operation. A Wi-Fi module is often added, as it allows remote control of the dosing unit via the internet. The STATION dosing unit can control up to four other pool devices. You can use it to start the filter and heat pump or turn on the pool lighting. An additional control touch screen can be connected to the unit and placed separately from the unit in a more accessible location via a long cable.

Advantages of STATION water treatment

- Traditional method of disinfecting pool water
- Works even with zero water salinity
- Regulated pH control
- Regulated chlorine dosing reduces consumption, prevents over- or underdosing

The pH and REDOX probes are consumer products with a limited warranty of 6 months.

¹⁾ The device is part of the basic equipment

²⁾ Optional device

Circulation pumps



- Pump suction, Ø 50 mm
- Pump discharge to the technology,
 Ø 50 mm
- Preliminary filter to trap mechanical impurities
- Discharge screw for each preparation for winter
- Heavy-duty electric motor



Sand filtration



MODEL	PREVA 33	PREVA 50	PREVA 75
Output	6 m³/h	9 m³/h	12 m³/h
Voltage	230 V	230 V	230 V
Input	0,25 kW	0,33 kW	0,55 kW

Circulation pumps PREVA

The circulation pump is a standard element of swimming pool technology. To keep water in the swimming pool crystal clear, it is necessary to filter at least four times a day. We therefore offer filtration pumps for all regular swimming pool sizes.



Circulation pumps BRILIX

MODEL	FXP 150	FXP 250	FXP 370	FXP 550	FXP 750
Output	10 m³/h	11,6 m³/h	14 m³/h	15 m³/h	16 m³/h
Voltage	230 V	230 V	230 V	230 V	230 V
Input	0,2 kW	0,25 kW	0,5 kW	0,75 kW	1 kW

MODEL	P 350	P 450	P 500	P 650	SP 450	SP 500	SP 650	SP /00
For pools up to	24 m³	36 m³	54 m³	72 m³	36 m³	54 m ³	72 m³	96 m³
Output	4 m ³ /h	6 m³/h	9 m³/h	12 m³/h	6 m³/h	9 m³/h	12 m³/h	16 m³/h
6-way valve	top	top	top	top	side	side	side	side
Sand capacity	20 kg	45 kg	85 kg	145 kg	45 kg	85 kg	145 kg	210 kg

Filtration is a key technology component for each swimming pool. Even if you are not interested in any other technology, water filtering is essential. Our offer therefore includes a complete range of Combo filtration systems, separate filters and pumps.

Filter vessels

We offer models with a six-way valve on the upper side of the filter vessel (TOP) or with a side-mounted valve outside the filter vessel (E-SIDE). This ensures they can fit in a variety of spaces.



Combo filtration

A combination of a sand filter and a circulation pump.

· 6-way valve

Filtration tank

Solid base

· Circulation pump

MODEL	FSP 350	FSP 450	FSP 500	FSP 650
For pools up to	24 m³	48 m³	72 m³	96 m³
Output	$4 \text{ m}^3/\text{h}$	8 m³/h	12 m³/h	16 m³/h
Voltage	230 V	230 V	230 V	230 V
Input	0,43 kW	0,55 kW	0,75 kW	0,90 kW
Sand capacity	20 kg	45 kg	85 kg	145 kg

Pool vacuum cleaners



Hayward AquaVac 650 robotic vacuum cleaner

SpinTech technology filter with 18 hydrocyclones. It cleans the bottom and walls thoroughly by means of six variable-speed rollers. Non-contact waste bin with LED signalling. Remote administration using a smartphone. Wi-Fi connection.



Dolphin \$300i robotic vacuum cleaner

Controlled by a microprocessor, optional automatic cleaning of the bottom and walls of the pool as well as optional control using a smartphone application.

Dolphin E20 robotic vacuum cleaner

Controlled by a microprocessor, optional automatic cleaning of the bottom and walls of the pool.





Dolphin Spring robotic vacuum cleaner

Controlled by a microprocessor, it automatically cleans the pool and filters the water.

Additional accessories

Skimmers and Jets



Skimmer 15 × 15 ABS plastic, connection to a vacuum cleaner possible.



Skimmer 30 \times 15 ABS plastic, connection to a vacuum cleaner possible.



Skimmer 15l ABS plastic, connection to a vacuum cleaner possible.



Skimmer SLIM ABS plastic, connection to a vacuum cleaner possible, innovative slim design.



Flat jet with adjustable flow rate and water flow direction, for 50 mm pipes

Accessories, add-ons and installation material

The complete and always current range for the installation and operation of pools can be found at ALBIXONPORTAL.com













Lighting

LED lamp Moonlight PLW300 12 V / 15 W

white, luminous flux 1250 lm

LED lamp Moonlight PLS300 12 V / 15 W multi-colour, luminous flux 575 lm Halogen lamp UL-P100* 12 V/75 W

Halogen lamp 300 W* 12 V/300 W















white, blue, multi-colour

12 V/8 W





Transformers 230 V/12 V 100, 200 or 300 W



*While supplies last.



Competitive advantages of the ALBIXON range



wide range of enclosures

and shafts

various options of technology walls

quick & easy

ALBIXON BOX for serial enclosures

easy installation three best-selling colour solution proven by decades of practical

solution for 95% of pools

affordable easy selection

experience

- **ALBIXON BOX**
 - Why choose an ALBIXON pool enclosure?
 - to keep your children and pets safe

everything from one supplier

compatibility of the pool with our

advantageous price for the whole set

enclosures and accessories

- achieve and maintain higher water temperatures
- helps to keep the water cleaner and reduces water maintenance costs 86
- extends your bathing season
- swimming in bad weather
- protects your pool against external
- increases the value of your real estate



protection against the sun and rain protection against the impacts

of climate

shading



use even after dark

ventilation

variable look

pure design

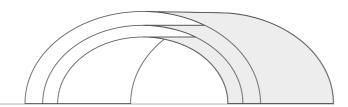
¹⁾ With proper maintenance and compliance with the prescribed parameters of pool water, you do not have to drain the pool even after the end of the season

Enclosure logistics

It is crucial not only to produce an enclosure precisely, but also to deliver it to the final destination reliably and on time. Backed by years of experience, we offer you transport services across Europe, with very favourable conditions. We not only use our own fleet of trucks, but also the services of reliable international forwarders.

Assembled enclosures, without packaging

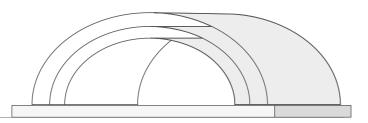
The transport dimensions are determined by an outer width, an outer height and a length of a single enclosure module, with 20 cm added to each of these values. If, for example, an enclosure is 480 cm wide, 120 cm high and one module 219 cm long, the transport dimensions are $500 \times 140 \times 239$ cm (length \times height \times width). Enclosures higher than 80 cm can also be transported vertically – the transport height and width are then switched. This mode allows the transport of multiple enclosures – do not hesitate to contact us for a specific transport solution.



Assembled enclosures, on pallets

Used for custom enclosures transported in containers.

Transport dimensions are determined on the basis of an outer width, an outer height and a length of a single enclosure module, with 15 cm added to each of these values, plus 15 cm length per pallet. If, for example, the enclosure is 480 cm wide, 120 cm high and one module is 219 cm long, the transport dimensions are $495 \times 150 \times 234$ cm (length × height × width).



Boxed enclosures

This packaging represents an economic mode of transport. The transport dimensions of standard products are based on the box dimension. Box sizes of custom enclosures are determined individually. The boxes are always transported in an upright position only and cannot be laid on its side.



Logistics for swimming pools

ALBIXON pools are not only precision manufactured, but we are able to deliver them almost anywhere in Europe.



Delivery on a special trailer

Suitable for all QBIG BENEFIT pools up to the inner size of $320 \times 780 \times 150$ cm. The advantage of this solution is the free capacity of the vehicle allowing for the free transport of the enclosure and accessories! We recommend unloading with a crane or loader. We do not recommend unloading in any other way.

Unloading of swimming pools

When unloading and handling the pool, it is necessary to proceed exactly as described in the ALBISTONE® pool unloading instructions. Any other procedure may result in irreversible damage to the pool and void the warranty.



ALBIXON BOX: One truckload contains up to 30 enclosure units!

In 2004, ALBIXON came up with a new solution for transporting enclosures – the ALBIXON BOX.

Depending on the type and size of the enclosure, between 6 and 30 enclosures can be transported at a time, contained in the safe ALBIXON BOX packaging. The detailed instructions enable you to install the enclosure supplied in the ALBIXON BOX easily.

ALBIXON BOX contents

- enclosure module profiles
- polycarbonate panels
- rail:
- all fastening and anchoring elements
- detailed assembly instructions



Approximate enclosure transport limits

Means of	Maximum dimen	sions of transported custom enclosure			Number of serial boxes
transport	Assembled, horizontal transport	Assembled, vertical transport	Assembled on pallet	Disassembled in box	Standard
Truck - max. 7.5-m loading area	external width up to 660 cm, height up to 270 cm, with standard module length	external width up to 730 cm, height up to 230 cm, length of 1 module up to 270 cm	Individual. Feel free to contact us for more information.		up to 5 pcs
Truck - max. 13.5-m loading area	external width up to 700 cm, height up to 270 cm, with standard module length	external width up to 900 cm, height up to 230 cm, length of 1 module up to 270 cm			up to 30 pcs
20' container	Individual.		not possible	Individual. Feel free to contact us for more information.	up to 5 pcs
Feel free to contact us for more information container		r more information.	not possible		up to 10 pcs

ENCLOSURE	BOX DIMENSIONS	BOX WEIGHT
CASABLANCA INFINITY A	445 × 48 × 127 cm	440 kg
CASABLANCA INFINITY B	561 × 55 × 127 cm	675 kg
DALLAS A	445 × 48 × 127 cm	310 kg
DALLAS CLEAR A	445 × 48 × 127 cm	420 kg
DALLAS B	561 × 55 × 127 cm	480 kg
DALLAC CLEAR B	561 × 55 × 127 cm	650 kg
KLASIK S	430 × 41 × 157 cm	240 kg
KLASIK CLEAR S	430 × 41 × 157 cm	300 kg
KLASIK A	430 × 41 × 157 cm	290 kg
KLASIK CLEAR A	430 × 41 × 157 cm	380 kg
KLASIK B	563 × 47 × 188 cm	470 kg
KLASIK CLEAR B	563 × 47 × 188 cm	600 kg
KLASIK C	606 × 61 × 175 cm	680 kg
KLASIK CLEAR C	606 × 61 × 175 cm	860 kg
KLASIK D	680 x 73 x 200 cm	880 kg
KLASIK CLEAR D	680 × 73 × 200 cm	1 220 kg
KLASIK PRO B	561 × 55 × 127 cm	470 kg
KLASIK PRO CLEAR B	561 × 55 × 127 cm	610 kg
SYDNEY A	445 × 48 × 127 cm	340 kg
SYDNEY CLEAR A	445 × 48 × 127 cm	420 kg
SYDNEY AS	445 × 48 × 127 cm	325 kg
SYDNEY CLEAR AS	445 × 48 × 127 cm	395 kg
SYDNEY BS	561 × 55 × 127 cm	465 kg
SYDNEY CLEAR BS	561 × 55 × 127 cm	570 kg
SYDNEY B	561 × 55 × 127 cm	490 kg
SYDNEY CLEAR B	561 × 55 × 127 cm	610 kg
SYDNEY BD	561 × 55 × 127 cm	470 kg
SYDNEY CLEAR BD	561 × 55 × 127 cm	550 kg
SYDNEY C	561 × 55 × 127 cm	520 kg
SYDNEY CLEAR C	561 × 55 × 127 cm	652 kg

SWIMMING POOLS QBIG BENEFIT OVERFLOW			
	1,2 m	1,5 m	
3 × 4 m	356 kg	387 kg	
3 × 5 m	425 kg	461 kg	
3 × 6 m	461 kg	502 kg	
3 x 7 m	×	576 kg	
3 × 8 m	×	650 kg	
3,5 x 7 m	577 kg	624 kg	
3,5 × 8 m	×	700 kg	
4 × 8 m	703 kg	757 kg	

SWIMMING POOLS QBIG BENEFIT SKIMMER			
	1,2 m	1,5 m	
3 x 4 m	246 kg	277 kg	
3 x 5 m	300 kg	336 kg	
3 x 6 m	321 kg	361 kg	
3 x 7 m	X	419 kg	
3 × 8 m	X	478 kg	
3,5 x 7 m	413 kg	460 kg	
3,5 x 8 m	×	520 kg	
4 x 8 m	517 kg	570 kg	

