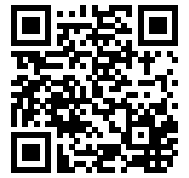


# SWIMMING POOL



● PISCINE ● ZWEMBAD ● POOL



2022

Outsideliving  
INDUSTRIES





Somewhere that gives you a sense of well-being and happiness and where you can enjoy each other's company, the swimming pool is often the centrepiece of your garden.

When you choose UBBINK® products: wooden swimming pools (above ground, partially sunk or sunk), accessories, filtration and safety systems... You are investing in lasting quality, that will give you hours of pleasure and fun together in the water!

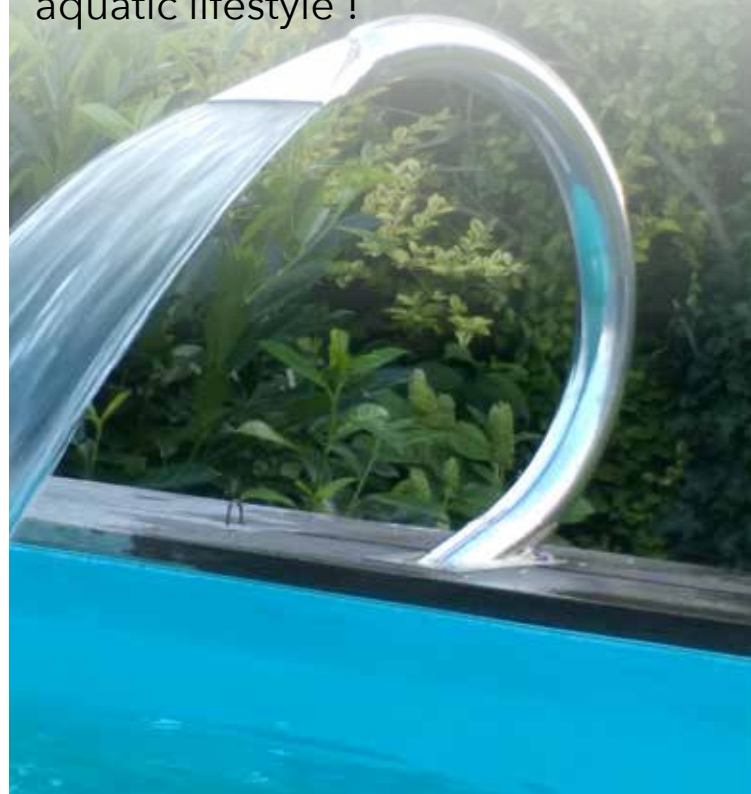


A major player in the market for wooden swimming pools, UBBINK® created in 1970, is a leading brand belonging to the group OutsideLiving Industries. It manufactures innovative, robust products, devised to meet the needs of every customer.

Its swimming pools are designed to withstand the test of time, to be weatherproof and to stand up to any eventuality!

When you choose UBBINK®, you are opting for

excellence for your aquatic lifestyle !



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## Table of contents:

Introduction .....	3
Services/Garantees/Assistance/Site .....	4
UBBINK® swimmingpools: structure and autoclave timber treatment .....	
Assembling UBBINK® swimming pools.....	6-7
Installing swimming pools .....	8
Steel reinforcement for rectangular pools .....	9-10
New safety standards .....	11
Poolfilter filtration system .....	12
Poolmax pumps .....	13-14
Poolfilter set filtration kits .....	15-16
Use and maintenance of wooden swimming pools .....	17-18
General diagrams for installing UBBINK® pools .....	19

### AZURA Swimming pools

• AZURA 410 - H120	
• AZURA 200 x 350 - H71	
• AZURA 250 x 450 - H126	
• AZURA 350 x 505 - H126	
• AZURA 400 x 750 - H130	
.....	20-23

### OCEA Swimming pools

• OCEA 430 - H120	
• OCEA 510 - H120	
• OCEA 580 - H130	
• OCEA 350 x 550 - H120	
• OCEA 400 x 610 - H130	
• OCEA 470 x 860 - H130	
.....	24-27

### LINEA Swimming pools

• LINEA 350 x 650 - H140	
• LINEA 500 x 800 - H140	
• LINEA 500 x 1100 - H140	
• LINEA 350 x 1550 - H155	
.....	28-30
• LINEA - Urban Pool® 250 x 450 - H140 .....	31-32

### Optional extras

Covers .....	34-35
Cover winders .....	36
Pool lighting .....	37
STRAIGHT cascades - MAMBA showers .....	38-39
MAMBA cascades .....	40-41
Cascades NIAGARA - Wall .....	42
Cascades NIAGARA - Acryl .....	43
Pool cleaner ROBOTCLEAN 1, 2, 3, ACCU S, ACCU XL and Pool+Spa Clean .....	44-50
Pool heater HEATERMAX - COMPACT an INVERTER .....	51-52
Optional Pool heater .....	53
Dimpled sheet HDPE .....	54
Alu cover plate elements .....	54
Skimmer, Automatic pool cleaner .....	55
Filtration storage chest .....	55
Electrical box .....	55
Optional Robotclean .....	56
Showers .....	57 - 58



Please note the FSC® logo for our FSC® certified products

Subject to engineering changes or replacement  
by models with improved properties!

(GB) 1454293







## Customised service :

Committed to providing the best in customer satisfaction, UBBINK® has established a full range of customised services.

- **Home delivery service**  
We can deliver directly to the address where the pool is to be assembled on a delivery date to fit in with your order.
- **After Sales Service**  
All requests must be made by mail, fax or e-mail, and must include a dated sales receipt, the guarantee certificate and the reference number of the faulty part (optional). UBBINK® is committed to processing all requests within 48 hours.

## Guarantees that are binding :

UBBINK® is confident about the quality of its products, so it included some very reliable guarantees.



### • Timber Guarantee

15 year guarantee against rotting, fungi and damage by wood-boring insects.



### • Accessories Guarantee

Our accessories are guaranteed for two or 5 years, under normal use. (See product details).



FSC® is a non-governmental, non-profit organization that promotes the responsible management of the world's forests. The FSC label offers a credible link between responsible production and consumption, enabling the consumer to make socially and environmentally responsible purchasing decisions. UBBINK® is FSC certified by an independent certification body with Chain of Custody code CU-COC-820704. Please note the FSC® logo for our FSC® certified products



The products conform to the standards  
EN 16582-1/16582-3/EN 16713-1  
(tests carried out by Laboratoires Pourquery de Lyon, France), see also page 11.

## Assistance with assembling the pool

Our customer services can be contacted under the chargeable telephone number from Monday to Friday between 9.00 - 18.00 h, except on bank holidays:

 **N° Indigo 0 820 20 50 99**

**[www.outsideliving.com](http://www.outsideliving.com)**

On our website you will find all of our references user manuals, videos and commercial documents.



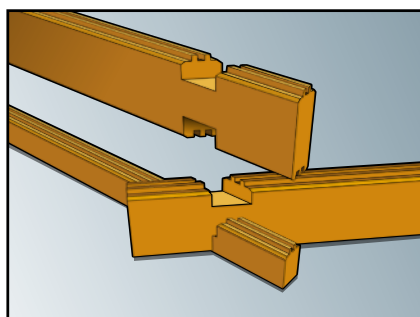
The structure of UBBINK® pools is of Northern Pine from the cold regions of Northern Europe. The pools' top shelving is made from Northern White Fir. The harshness of the climate in those regions gives rise to particularly difficult growing conditions for the trees. This results in the wood having a very fine grain, smaller knots and a mechanical strength which rates among the best of the softwood species. Unlike others, these types of timber are not naturally hardwearing when used outdoors. However, they do have the advantage of possessing an interesting feature: they are impregnable. This means that you can rub fungicide and insecticide into the wood, thus rendering it highly resistant to insect damage, fungi and termites.

Depending on the treatments and methods used, a higher or lower resistance will be obtained. This is categorised by classes of use for the products obtained. Class 1 corresponds to use in a totally dry environment; class 5 is resistant to the most hostile environments (e.g. marine environments).

UBBINK® pool structures have been treated to class 4 category, which corresponds to using wood in a consistently wet environment and in contact with the ground. Finally, to further strengthen our quality requirements, we insist that our treatment plant is CTB-P + certified, which - (the treatment products themselves being certified) - guarantees the process and level of impregnation of all the UBBINK® wooden parts.

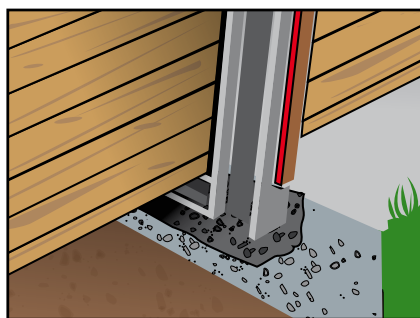
## The various types of UBBINK® pool structure

All our models are made of 45mm thick Northern Pine timbers. All our timbers are made with a double tongue and groove which increases their resistance when they are put together. There are three methods of assembly, which vary according to the shape of the pool.



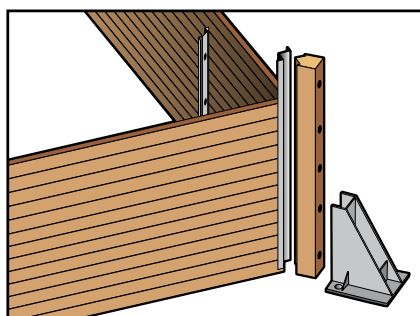
### 1/ Assembling by simply interlocking the parts.

The timbers are grooved and notched at each end. They simply fit together, each one into the other, the shape of the pool being apparent from the angle of the slots in relation to the timbers. This traditional method of wood construction applies to the "round" octagonal shaped pools.



### 2/ Assembling by reinforced interlocking.

This is the same as the simple interlocking method, except that the structure is reinforced by the addition of a metal structure (a brace) the purpose of which is to reinforce the rigidity of the longer sides. This applies to the "extended" octagonal shaped pools. It is essential to take the metal braces into account (which will be 1 or 3 according to the model) when making the concrete base.



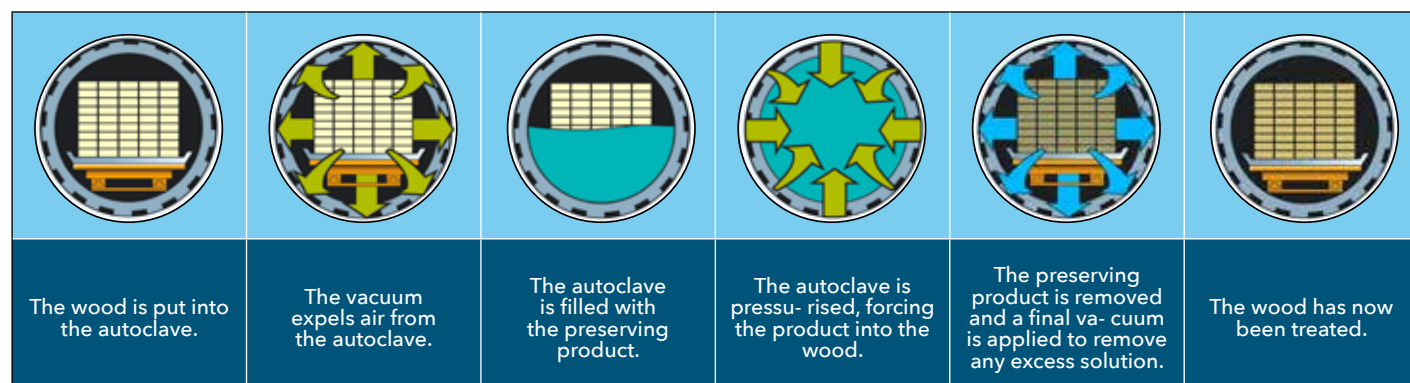
### 3/ Assembling by the Posts - beams method.

This innovative assembly method, developed by our Design Office, involves the use of timbers supported on vertical posts to ensure the rigidity of the whole structure. The sides are formed by a succession of these sets of posts and timbers. The structure is secured to the ground by shoes attached to the concrete base. This innovation has made it possible to create rectangular pools.

**Patented Construction EP2415952**

## The stages in autoclave treatment of wood

All our products are autoclave treated, which guarantees them certified resistance and long life.



## Wood, a material that remains natural

Wood is a natural material; it can have imperfections. A number of them are normal and superficial. They are excluded from the scope of the guarantee because they don't affect the resistance and durability of your pool.



Splits, checks and cracks



Resin upwellings



Differences in hue



Presence of knots



Retention of autoclave products



Surface moulds

### Splits, checks and cracks

Wood is subject to dimensional variations as a function of the humidity and temperature. When dry, it shrinks unevenly, causing the appearance of splits. These can be striking but they nevertheless do not detract from the mechanical properties and resistance of the product.

### Resin upwellings

During the autoclave treatment of coniferous species, the alternation of vacuum and pressure can bring sticky residues of resin to the surface of the wood. To remove them, simply scrape them away carefully with a suitable tool.

### Differences in hue

All wood species have variations in colour. Exposure of the wood to UV rays will significantly mitigate them.

### Presence of knots

Knots correspond to the vestiges of the branches of the tree. Our woods are selected to minimise their quantity and size.

### Retention of autoclave products

Woods treated in autoclaves frequently show greenish or whitish traces on the surface that disappear with time.

### Surface moulds

Wood is susceptible to moulds caused by microscopic fungi. This superficial phenomenon, which is enhanced by heat, moisture, and a lack of ventilation, is characterised by patches ranging from light blue to dark blue. Simple wiping or exposure of the wood to the outside air enables them to be removed easily. Remember that class 4 treated woods are of course protected against fungi attacks.

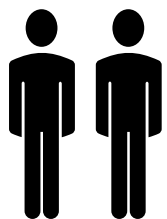
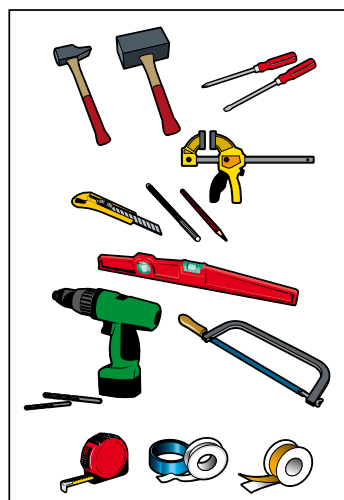


## It's very easy to install a UBBINK® wooden pool! You will need :

### Some earthmoving and carpentry tools:

Shovel, spade, rake, hammer, sledgehammer, spirit level, hacksaw, drill, wood drill bits, screwdrivers (Phillips and flat), double-sided tape and Teflon tape.

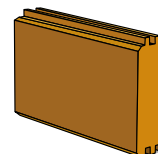
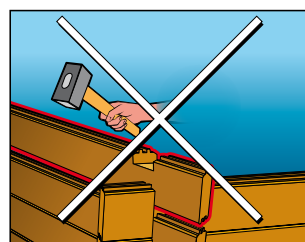
It requires two people to install the pool. It takes approximately 48 to 72 hours to complete the task (which does not include constructing the concrete base and filling the pool with water). Installing some of the pools may require a third person and may take a bit longer. This information is given in each user guide



### Why should you construct the pool on a concrete base ?

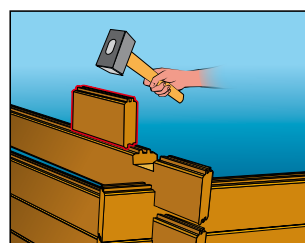
It is essential that you install the pool on a concrete base, to ensure its stability and in order to have a valid guarantee. As for the thickness of it, that varies from 10 to 20 cm, depending on the weight of the water and therefore its volume. In addition please make sure that this base is completely flat and level.

For the extended Océa pools, please bear in mind that you must make a trench for the metal brace. This is essential for the proper maintenance of the structure of the pool. For the positioning and the dimensions of the base, please refer to the user guide.



### A "cale" to help you put up the sides of the pool:

In your delivery you will find a piece of wood which is used as a protective wedge between the sledgehammer and your pool timbers. This helps you to avoid crushing the grooves in the wood, (which is why it's called a pièce martyre in French).



Position the pool so that the entrance to the skimmer is facing the prevailing wind to facilitate the removal of particles from the surface.

For any further information please refer to the installation notes



## The principal of the sunk or partially sunk pool

Before you start installing the pool, make sure that have all the parts that you need.

**IMPORTANT:** If you choose to sink or partially sink your pool, please position your pump and the filtration unit at the same level as the pool in an enclosed, watertight area. In order to function properly, the filtering unit must always be below the water level.

**WARNING:** before you put any water into a sunk or a partially sunk pool, you must be equipped with a safety system which complies with your country's required standards, (cover, alarm, fencing...) in order to prevent drowning.

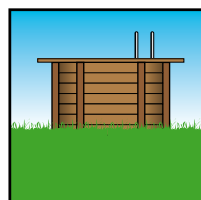
Whether the pool is above ground, partially sunk or fully sunk, it is essential to provide a concrete base to ensure the stability of the pool and the guarantee on it.



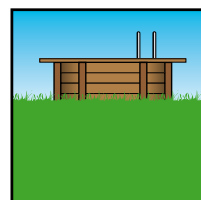
Put down a dimpled sheet from HDPE (Art.-no.7504635, not part of the delivery volume) at the outer wall to divert the rain water. The height of the dimpled sheet must correspond to the height of the fill. The dimpled sheet protects the wooden walls of the pool during the filling. The dimpled side is placed against the pool structure to create an air gap between the wet bank slope and the pool walls.

Fill the swimming pool with water before you fill in the area outside the pool with coarse chippings. Only after this fill with chippings and pay attention that the pool construction not deforms during this action

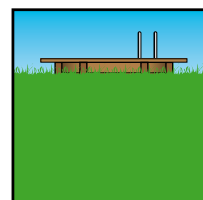
There are three methods of installing your wooden swimming pool. Above ground, partially sunk or sunk into the ground. The choice depends on the incline of the ground and how hard it is, and how easy it is for you to move the earth, as well as the desired appearance of the pool.



above ground



partially sunk



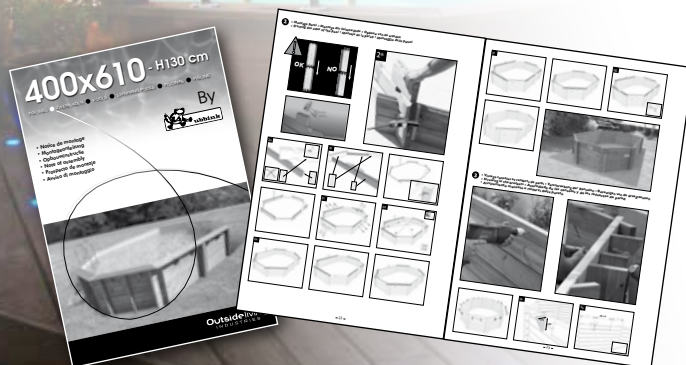
fully sunk

**CAUTION:**

Obligatory security device (tarpaulin, alarm, barrier etc.). With the exception of rectangular models.

The exterior wooden ladder on all our pools can be removed for children's safety

Every pool is delivered with a detailed installation guide to make it easier for you to install it!





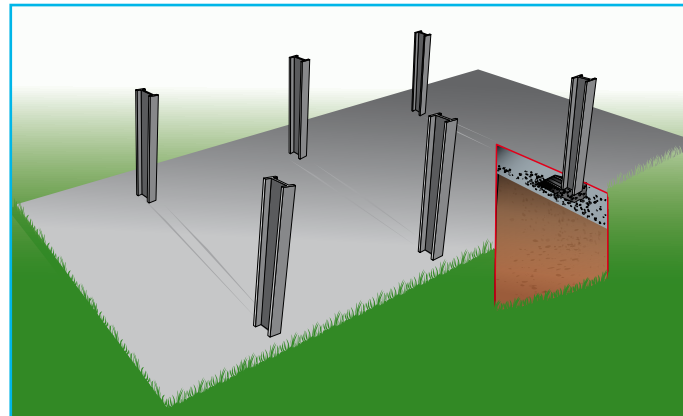
## Metal beams as well as side supports for the extended octagonal pools

### Steel frame (Wall reinforcement) for the longer sides of the octagonal swimming pools

The longer sides of the octagonal swimming pools must be equipped with a steel wall reinforcement (depending on the model 1-3 pieces of steel frame) to guarantee the stability of the long sides and prevent bulging.

These steel frames will at first be installed and positioned and then grouted into the concrete plate. Further detailed information are contained in the assembly instruction.

The steel frames will be assembled and positioned before casting the concrete plate and then grouted into the concrete.



All octagonal swimming pools have a wall reinforcement from wood, making them even more robust.



## Steel supports for the rectangular pools

As the water pressure increases according to the water quantity, this is of great importance for rectangular swimming pools. Especially the corner connections and the long sides must have a high stability withstanding the water pressure.

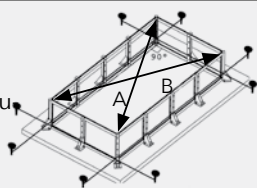
### Patented construction EP2415952

#### Wall reinforcement of the long sides of rectangular swimming pools

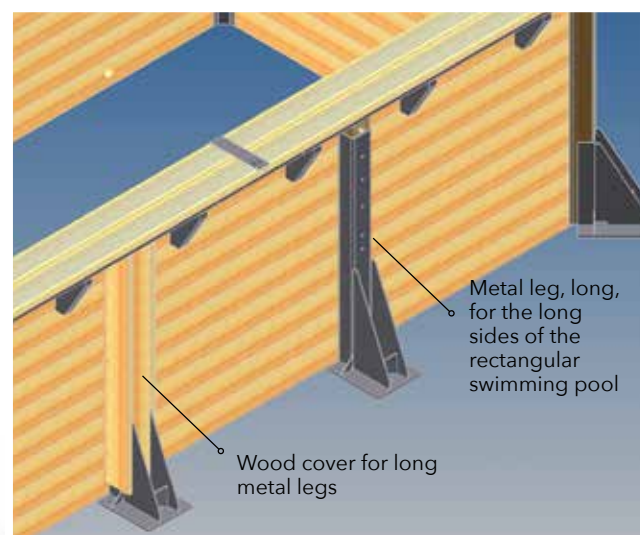
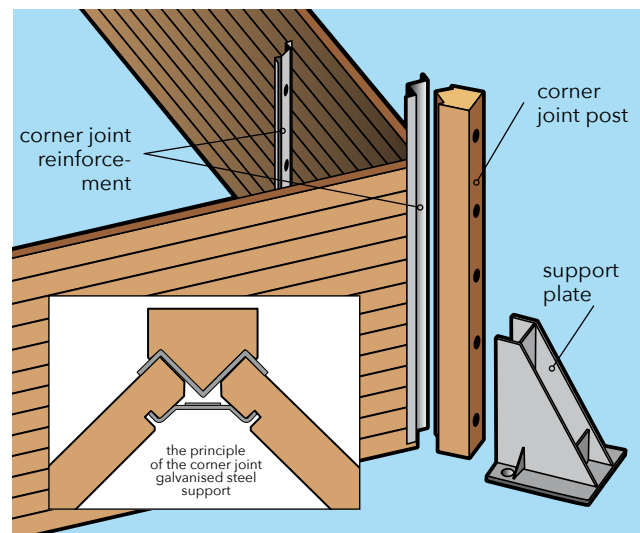
The rectangular swimming pools have no steel frame but are equipped with support posts inserted for additional reinforcement into metal legs. The metal legs are anchored with metal pins into the base plate. The number of posts depends on the length of the pool. The metal legs for the posts at the long sides have the same height as the posts guaranteeing stability of the swimming pool even at ground-level installation and placing the pool into the ground is not necessary. The metal legs will be anchored with metal pins into the base plate. Wood cladding for covering the metal legs are included in the delivery volume.

You will find further information in the respective assembly instruction

Alignment of the angle brackets (line) and the diagonals A (10 m measuring tape) check;  $A = B$ .



Positioning at the galvanised steel reinforcing corner joint on the corner post and support plate







In no circumstances does a safety system replace the vigilance of responsible adults, who should always supervise what is going on in and around the pool and be in attendance.

## New safety standards

**POURQUERY** All our designs comply with new European Standards introduced in 2015:

- 1 - EN 16582-1 specifying the "general" requirements including safety and test methods applicable to domestic swimming pools. The products conform to the standard EN 16582-1 (Tests carried out by Laboratoires Pourquery de Lyon, France).
  - Specify and distinguish between types of swimming pool kits and clarify their respective destinations.
  - Specify the technical requirements and test procedures for each type of kit (minimum performance for structural materials, corrosion resistance of metal products, mechanical strength of the liner, class and treatment of the used wood, risk of injury or getting trapped, installation and electrical equipment). As far as ladders are concerned, the following is included: the resistance to corrosion of metal products, the lateral stability of removable ladders, secured access points to enter the pool, the risk of getting trapped, the load bearing capacity. In the case of submerged steps, whatever the type being used, these must meet with requirements regarding the risk of getting trapped.
  - Specify the instructions and the information to be made available to the consumer regarding the swimming pool kit (type of installation, dimensions, depth, filtration specifications, guarantee period, safety advices), assembly (terms, duration, user manual) and care. - Specify the minimum delivery contents.
- 2 - EN 16582-3 specifying the "specific" requirements including safety and test methods applicable to domestic aboveground swimming pools. The products conform to the standard EN 16582-3 (Tests carried out by Laboratoires Pourquery de Lyon, France)
  - Specify the technical requirements and test procedures for each type of aboveground swimming pool kit (mechanical resistance to horizontal and vertical deformation, water tightness, bursting strength).
- 3- EN 16713-1 specifying the requirements and test methods applicable to filtration systems of domestic swimming pools. The products conform to the standard EN 16713-1 (Tests carried out by Laboratoires Pourquery de Lyon, France).
  - Specify the technical requirements and test procedures for each type of filtration set (maximum filter flow rate, maximum operating pressure, turbidity reduction efficiency, retention capacity, determination of the burst pressure).
  - Specify the information to be made available to the consumer regarding the filtration systems (backwashing / replacement / cleaning criteria, user manual).
- 4 - In order to comply with the law and to prevent any accidents, private swimming pools for individual or collective outdoor use, which have a sunk or partially sunk basin must have a safety system in place. This may mean protective fencing, blankets, shelters or alarms, which must, in all cases, comply with certified standards. In no circumstances does a safety system replace the vigilance of responsible adults, who should always supervise what is going on in and around the pool and be in attendance.

# PoolFilter®

## UBBINK® Pool Filters



Ubbink® pools are all equipped with a sand filtration system, the sizing of which is dependent on the volume of water to be treated, assuming that water is renewed within a maximum period of 4 hours.

### TECHNICAL INFORMATION

Model	POOLFILTER 300	POOLFILTER 400	POOLFILTER 500	POOLFILTER 600
Art. no.	7504616	7514704	7514705	7504617
Sand filter				
Outer diameter of filter	300 mm (12")	400 mm (16")	500 mm (12")	600 mm (12")
Flow rate (8m water column)	max. 10 m³/h	max. 17 m³/h	max. 17 m³/h	max. 17 m³/h
Pressure of system	max. 3,5 bar	max. 3,5 bar	max. 3,5 bar	max. 3,5 bar
Multiple channel valves				
Filling with silica filter sand	max. 25 kg	max. 50 kg	max. 75 kg	max. 100 kg
Sand grain (EN 12904:2005)	0,40 - 1,25 mm	0,40 - 1,25 mm	0,40 - 1,25 mm	0,40 - 1,25 mm
Valve	4 ways	6 ways		
Suction and backflow connections	1 ½"	1 ½"	1 ½"	1 ½"
Functions	Winter/Filtration/ Wash/Rinse	Winter / Filtration / Wash / Rinse / Circulation / Off		
Accessories included				
Pressure gauge	1	1	1	1
Guarantee	2 years	2 years	2 years	2 years



Model	Poolfilter 300
Art. no.	7504616
EAN CODE	8 711465 046169



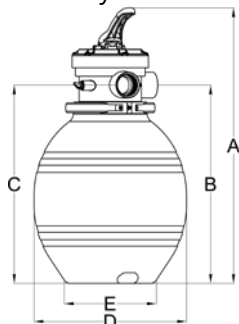
Model	Poolfilter 400
Art. no.	7514704
EAN CODE	8 711465 147040

Model	Poolfilter 500
Art. no.	7514705
EAN CODE	8 711465 147057

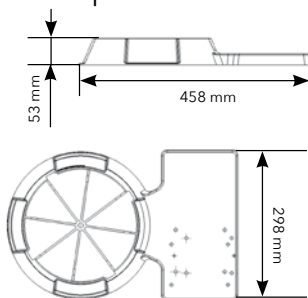
Model	Poolfilter 600
Art. no.	7504617
EAN CODE	8 711465 046176

### TECHNICAL DRAWINGS

Filterset 300  
Body

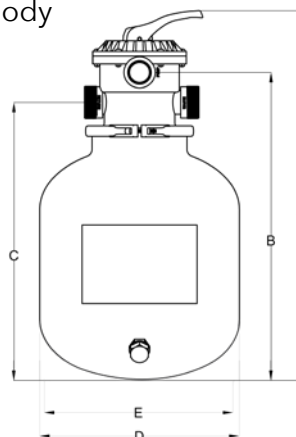


Base plate

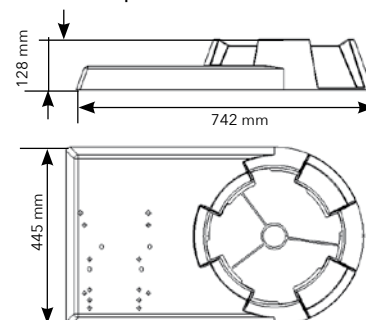


	Dimension (mm)				
	A	B	C	D	E
Filter 300	596	430	430	330	190

Filterset  
400/500/600  
Body



Base plate



	Dimension (mm)				
	A	B	C	D	E
Filter 400	717	592	532	406	400
Filter 500	822	697	637	485	480
Filter 600	1002	877	817	610	480



# Poolmax®

With decades of experience in the field of hydraulic pumps, Ubbink has developed a range of pumps specifically designed for the swimming pool domain: the Poolmax® range of pumps.

Each model has been certified by an independent laboratory. Thus the Poolmax pumps have the "TÜV-GS" stamp and naturally they comply with current standards for electrical wiring as well as with the new RoHS directive.



Residual Current Device (RCD)

Art. no. 7534147

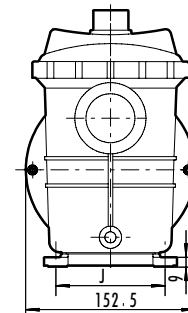
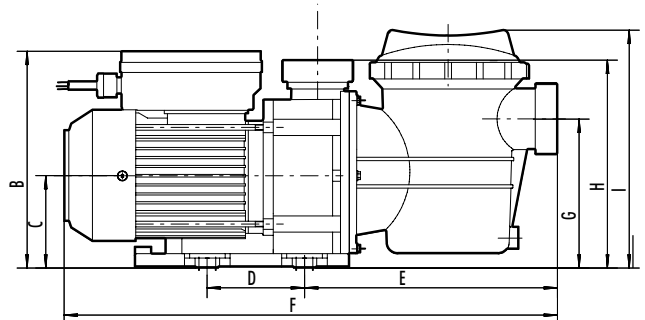
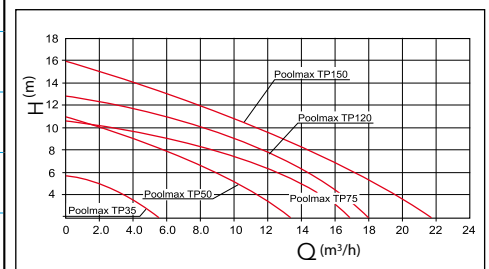


Each Poolmax pump also comes with an additional cable e.g. for the use of a timer switch. Cables should only be exchanged by an authorised electrician!

Art. no. 7534150



					POWER			
POOLMAX TP 35	5400 l/h	5,5 m	32/38/50 mm	230 VAC / 50 Hz 1,6 A	0,35 PS / 0,28 kW	1,5 m	max. 2,5 bar	50° C
POOLMAX TP 50	12600 l/h	11,0 m	38 mm / 50 mm	230 VAC / 50 Hz 2,0 A	0,5 PS / 0,37 kW	1,5 m	max. 2,5 bar	50° C
POOLMAX TP 75	14.400 l/h	10,5 m	38 mm / 50 mm	230 VAC / 50 Hz 3,2 A	0,75 PS / 0,56 kW	1,5 m	max. 2,5 bar	50° C
POOLMAX TP 120	18.000 l/h	13,0 m	38 mm / 50 mm	230 VAC / 50 Hz 4,6 A	1,2 PS / 0,90 kW	1,5 m	max. 2,5 bar	50° C
POOLMAX TP 150	21.600 l/h	16,0 m	38 mm / 50 mm	230 VAC / 50 Hz 5,8 A	1,5 PS / 1,10 kW	1,5 m	max. 2,5 bar	50° C



	Dimension (mm)								
	B	C	D	E	F	G	H	I	J
TP35 - TP50	195	83	88	227	443	134	187	214	100
TP75 - TP120 - TP 150	205	89	120	227	484	140	193	220	124

## Safety

- The power supply must comply with the product specifications. Please consult your local electricity supplier about connection standards. Do not plug in the pump or the power supply cable when the power supply does not meet the specified standards!
- For a fixed power supply cable in accordance with European safety standards, a disconnection system with at least 3 mm cut-off intervals is required.
- The diameter of the power supply cable must not be reduced. The cable must be at least of the H05RN-F 3\*0.75 mm<sup>2</sup> type for TP50 and must be H05RN-F 3\*1.00 mm<sup>2</sup> for TP75/TP10/TP120.
- Never use the extension cable to connect the pump to the power supply.
- The electrical system must include a <30mA residual current circuit breaker. You will get further information from your local licensed electrical fitter.
- Never carry or pull the pump by the cable. When the power supply cable gets damaged, it must be replaced by the manufacturer, its customer services representative or an appropriately trained person to prevent any danger.
- Switch off the power supply before unplugging the electrical connection. Never work on the pump until you have checked that the power supply is switched off.
- The pump is not suitable for installation and/or use in water. It must never be mounted in or immersed in water.
- The pump cannot be used without the water flowing. This can cause irreparable damage.
- The pump is suitable for pumping water up to a maximum temperature of 50°C.
- The pump is not suitable for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they are supervised by a person responsible for their safety or have been instructed regarding usage of the device. Children must be supervised that they are not playing with the device.






## Use

- The pumps are designed to be used with pool systems e.g. the filtration unit

## Installation

- The pump must be installed horizontally and secured with bolts to a fixed, solid base, in order to avoid unwanted noise and vibration.
- Install the pump as close to the pool as possible. Allow sufficient space around and under the pumping unit for checking and subsequently maintaining it. The pump must be equipped with a circuit breaker with an earth leakage current rated below 30mA.
- Poolmax pumps can be installed in-ground. In this instance, it is essential to check the impermeability of the underground area to avoid all risks of flooding (especially in the case of heavy rain), which would void the warranty of our product.
- The suction pipe on the pump must not be smaller than the supply pipe. All pipes must be airtight.
- All the pump threads must be sealed with Teflon tape when the pump connections are screwed in. The pump connections should only be tight enough to ensure a watertight connection. Excessive tightening is unnecessary and could damage the pump.
- The weight of the pipes must be supported separately and not taken up by the pump.

## TECHNICAL INFORMATION

Model	Poolmax TP 35	Poolmax TP 50	Poolmax TP 75	Poolmax TP 120	Poolmax TP 150
Art. no.	7504498	7504297	7504397	7504398	7504499
Code EAN	 8 711465 044981	 3 700151 442977	 3 700151 443974	 3 700151 443981	 8 711465 044998
Voltage/ Frequency	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz	230 VAC / 50 Hz
Power rating	0.35 PS / 0.28 kW	0.50 PS / 0.37 kW	0.75 PS / 0.56 kW	1.20 PS / 0.90 kW	1.50 PS / 1.10 kW
Motor					
Heat protection	automatic	automatic	automatic	automatic	automatic
Protection class	I	I	I	I	I
Protection type	IPX5	IPX5	IPX5	IPX5	IPX5
Electric cable type	1,5 m (H05RN-F 3*0.75 mm²)		1,5 m (H05RN-F 3*1.0 mm²)		
Power socket	Power socket with trip switch to protect against short-circuits (RCD), 30mA, type A, electronic, IP54, -25°C				
Flow rate max. (Qmax)	5.400 l/h	12.600 l/h	14.400 l/h	18.000 l/h	21.600 l/h
Height of backflow (maxH)	5,5 m	11,0 m	10,5 m	13,0 m	16,0 m
Suction and backflow connections	1 1/2"	1 1/2"	1 1/2"	1 1/2"	1 1/2"
Max. temperature of water	+5°C +50°C	+5°C +50°C	+5°C +50°C	+5°C +50°C	+5°C +50°C
Accessories included					
Hose connection 32 mm	2	-	-	-	-
Hose connection 38 mm	2	2	2	2	2
Hose connection 50 mm	2	2	2	2	2
Guarantee	2 years	2 years	2 years	2 years	2 years

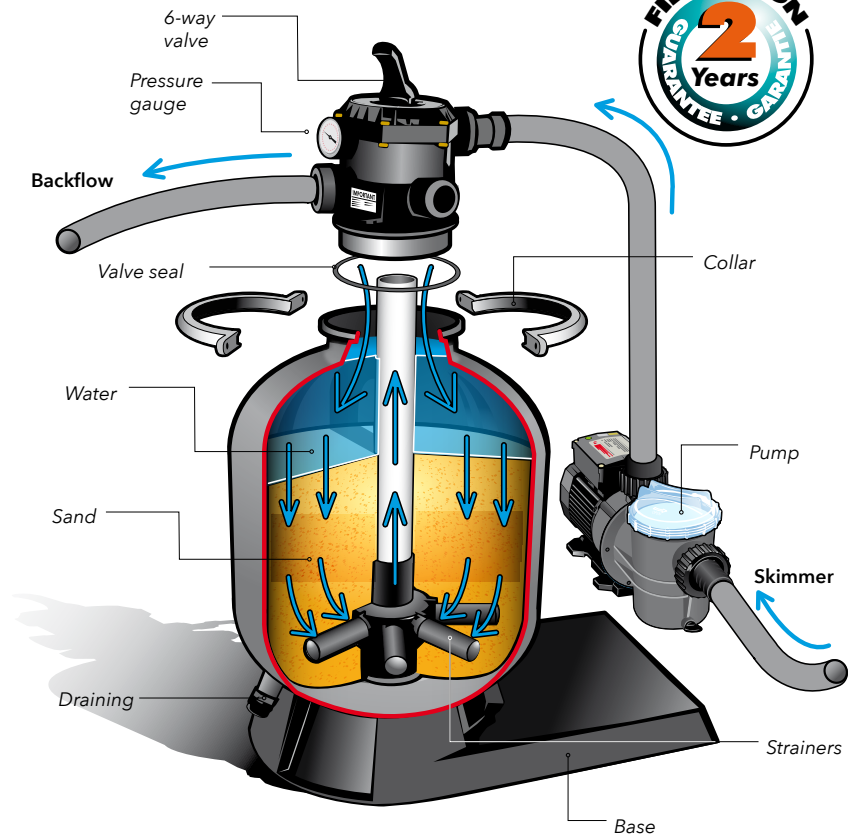
# PoolFilter Set

Ubbink® pools offer you a complete filtration unit (Sand filtration + pump). The principle of sand filtration is as follows:

The water is sucked out of the pool (**skimmer**/vacuum connection point) by the pump then sent, via the **4-way or 6-way valve**, depending on the type, into the tank where the filtering medium is located: **sand**. Under pressure, the water passes through the sand. This gets rid of most of the impurities in it before passing through the strainers and back up towards the valve via the collecting tube. It is finally returned to the pool.

There is a **pressure gauge** on the multiple channel valve which indicates the pressure in the tank. When the pressure indicated by the gauge is twice as high as the initial pressure, proceed to washing the filter. This is done by manipulating the handle of the multiple channel valve, with the motor switched off.

The distance between the pool and the electricity connection (the power socket) must be over 3.50 m.



## TECHNICAL INFORMATION

Model	Pool Filter Set 300-2,5 m3/h TOP Valve	Pool Filter Set 400-4,0 m3/h TOP Valve	Pool Filter Set 400-6,0 m3/h TOP Valve	Pool Filter Set 500-9,0 m3/h TOP Valve	Pool Filter Set 600-13,0 m3/h TOP Valve
Article no. EU	7504641	7504645	7504642	7504643	7504644
PUMP	Poolmax TP 25	Poolmax TP 35	Poolmax TP 50	Poolmax TP 75	Poolmax TP 120
Sand filter					
Outer diameter	300 mm (12")	400 mm (16")	400 mm (16")	500 mm (19")	600 mm (24")
Filter surface	0,079 m²	0,125 m²	0,125 m²	0,185 m²	0,260 m²
Rated filter flow (8 m water column)	max. 10 m³/h	max. 17 m³/h	max. 17 m³/h	max. 17 m³/h	max. 17 m³/h
Rated working pressure	max. 3,5 bar	max. 3,5 bar	max. 3,5 bar	max. 3,5 bar	max. 3,5 bar
Nominal flow rate of filtration unit	3,6 m³/h	4,6 m³/h	6,0 m³/h	9,0 m³/h	13,0 m³/h
Silica Filter Sand					
Grain size	0.70-1.25 mm (TEN 0.75)	0.70-1.25 mm (TEN 0.75)	0.70-1.25 mm (TEN 0.75)	0.70-1.25 mm (TEN 0.75)	0.70-1.25 mm (TEN 0.75)
Filling quantity (1)	max. 25 kg	max. 50 kg	max. 50 kg	max. 75 kg	max. 100 kg
Multiple channel valves (TOP)					
Valve	4 ways	6 ways			
Inlet/outlet size	1 ½"	1 ½"	1 ½"	1 ½"	1 ½"
functions	Filtration/Rinse/Backwash/ Winter	Closed / Filtration / Backwash / Rinse / Circulation / Winter			
Filtration values (EN 16713-1)					
Turbidity Reduction Efficiency (TBR)	76,41%	83,20%	75,38%	77,81%	77,20%
Retained mass (DP20 test)	36,7 g (88%)	58,6 g (88%)	86,7 g (87%)	124,5 g (84%)	181,7 g (84%)
Retention Capacity (CR)	627,99 g	165,36 g	165,44 g	152,43 g	117,04 g
Filtration Rating at 80% of efficiency	73 µm	80 µm	38,9 µm	35,6 µm	70 µm
Filtration efficiency at 45 µm	19,80%	70,70%	87,60%	88,90%	68,80%
Max. Pool size	20 m³	30 m³	45 m³	70 m³	100 m³
Accessories included					
Filter + pump support	1	1	1	1	1
Mounting kit (hardware)	1	1	1	1	1
Pump connection hose 32 mm	1				
Pump connection hose 38 mm		1	1	1	1
Pressure gauge	1	1	1	1	1
Hose connector 32 mm	1				
Hose connector 38 mm	2	2	2	2	2
Hose connector 50 mm	2	2	2	2	2
Guarantee	2 years	2 years	2 years	2 years	2 years

(1) the height of the silica sand shall not exceed 2/3 of the tank height



## Sand filtration units

Consists of a fully equipped tank (4-way or 6-way top valve, strainers, pressure gauge, etc.), pump, base and connecting hose. Input and output connections provided for 38 mm and 50 mm diameter hoses.

### Operating the 4-way valve

<b>Position 0 : WINTER</b> For draining the filter by sending air into the top of the filter to prevent any risk of frost damage.		<b>Position 2 : WASHING</b> For washing the sand to cause the pressure in the tank go back down in order to unclog the sand from the bottom of the tank. Inlet: PUMP Outlet: WASTE	
<b>Position 1 : FILTRATION</b> For filtering the pool water. The water flows into the tank. Inlet: PUMP Outlet: RETURN		<b>Position 3 : RINCING</b> For rinsing the valve head to expel the residue. Inlet: PUMP Outlet: WASTE	



Model	Poolfilter SET 300 - 2,5 m³/h
Art. no.	7504641
EAN CODE	8 711465 046411

### Operating the 6-way valve

<b>Position 0 : WINTER</b> For draining the filter by opening an air inlet at the top of the filter to prevent any risk of frost damage.		<b>Position 4 : DRAINING</b> For draining the water from the pool Inlet: PUMP Outlet: WASTE	
<b>Position 1 : FILTRATION</b> For filtering the pool water. The water flows into the tank. Inlet: PUMP Outlet: RETURN		<b>Position 5 : FLOW</b> For creating displacement of water in the pool (to dilute the treatment products). Inlet: PUMP Outlet: RETURN	
<b>Position 2 : WASHING</b> For washing the sand to make the pressure in the tank go back down in order to unclog the sand from the bottom of the tank. Inlet: PUMP Outlet: WASTE		<b>Position 6 : OFF</b> For carrying out maintenance work on the filter.	
<b>Position 3 : RINCING</b> For rinsing the valve head to expel the residue Inlet: PUMP Outlet: WASTE		<b>Note :</b> You must buy a threaded connection and an extension tube to be able to use the outlet WASTE	



Model	Poolfilter SET 400 - 4,0 m³/h
Art. no.	7504645
EAN CODE	8 711465 046459



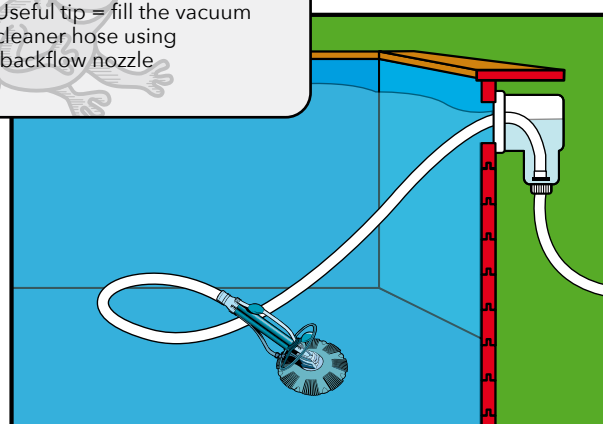
Model	Poolfilter SET 400 - 6,0 m³/h
Art. no.	7504642
EAN CODE	8 711465 046428



Model	Poolfilter SET 500 - 9,0m³/h
Article n°.EU	7504643
EAN CODE	8 711465 046435

Model	Poolfilter SET 600 - 13,0 m³/h
Art. no.	7504644
EAN CODE	8 711465 046442

Useful tip = fill the vacuum cleaner hose using backflow nozzle



### Vacuuming the pool floor

The floor is cleaned with Ubbink PoolCleaner Auto (art. no. 7500401) in the FILTERING position (on the filter multi-way valve). The pool cleaner is connected to the skimmer with a hose.

The filter set pump must be switched off. Important: The hose of the vacuum pool cleaner must be completely filled with water so that the filter pump does not draw in air. The pump should only be switched on after the hose is completely filled with water. If air enters the filter circuit, the filter pump must be switched off and then vented. The vacuum pool cleaner hose must also be refilled with water.

The flow of the pumped water may press on the hose of the vacuum pool cleaner and reduce its performance. To correct this, the flow rectifier used must be aligned so that the flow cannot affect the movement of the vacuum pool cleaner. Once the flow rectifier has been installed, the filtering system can be switched on and the vacuum pool cleaner will now move across the bottom of the pool, vacuuming up the dirt on its way.

Ubbink PoolCleaner Auto is suitable for connection to the skimmer in combination with the PoolFilterSet 400-6.0 m³/h, 500-9.0 m³/H und 600-13.0 m³/h. (see also page 55)

# Use and maintenance of wooden swimming pools

## ❶ Failure to follow the maintenance instructions may cause serious health risks, especially where children are concerned.

### 1. TREATING THE WATER

Your swimming pool installation is completed! Before taking your first swim, it is essential to "prepare" the water.

After people have been bathing there is often a number of polluting elements left behind in the water such as plant debris, earth, dust, sweat, saliva, hairs, grease, etc.

The pool water must be protected from these elements in order to prevent the development of various kinds of micro-organisms.

A few simple rules need to be applied to deal with this:

- Remember to run the filter during the day as bathing pollutes the pool more than anything else. Regulate the filtration time according to the temperature of the water. The higher the temperature of the water, the more easily bacteria will develop.

Water temperature	< 10°	10-12°	12-16°	16-24°	24-27°	27-30°
Filtration time	2h	4h	6h	8h	10-12h	-> 20h

Generally speaking, whatever the type of filtration system you have, impurities must be removed by cleaning the filtration system regularly.

**The sand filter :** As the number of impurities in the sand increases, water circulates less efficiently and consequently the pressure increases. Refer to the filtration unit maintenance guide for cleaning instructions.

- Analyse the water in your swimming pool: remember to check the pH level (the acidity or alkalinity of the water) every week. It should always register somewhere between 7.2 and 7.6. An incorrect pH level can result in water treatment products working less efficiently, can accelerate the development of chloramines (unpleasant odours, irritation of the mucous membranes...) and the corrosion of any metal parts.
- Treat the water regularly: A weekly disinfecting treatment (bromine, chlorine, active oxygen..) against bacteria avoids all the problems caused by poor quality water. A fortnightly treatment with an algicide can effectively combat the occurrence and further growth of algae.

### ❶ Use and storage of chlorinated products

**It must be remembered that these are dangerous products that must be used and stored only as directed by the manufacturers. Do not mix chemicals together. Store products in tightly closed containers in a cool, well-ventilated place, where they are not exposed to direct sunlight. If using a container to measure out the products, rinse thoroughly after each use. Read the safety procedures and the instructions for use provided on each label carefully. Keep all chemicals out of reach of children.**

- Remove as much debris from the pool as possible on a daily basis with a skimming net (fallen leaves, dead insects...) and clean the water line regularly to get rid of greasy deposits.
- Empty the pump basket. Just as you would do with the skimmer, remember to empty it regularly to maintain the best possible level of filtration.
- Annual treatment: to keep the water clean, clean the filter, renew a third to a half of the water in the pool and maintain properly through the winter.
- Do a complete change of your pool water every 3 to 4 years.

### Problems and solutions :

PROBLEMS	CAUSES	SOLUTIONS
1. Water is clear with greenish or brownish tint. Large number of brown stains on the sides of the pool.	Oxidation of metallic salts (iron or copper) present in the water used to fill the pool.	Check the pH level. Put in a calcium and metal stabiliser when you fill the pool. Clean out the filter. Remove sediment and filter continuously
	pH level too low. Corrosion of metal parts	
2. Water has a yellow or brownish tint	Water being used to fill the pool is high in iron or manganese	See 1.
3. Water milky and cloudy	Organic and colloidal impurities	Put in a chlorine shock dose. Clean the filter. Remove sediment and filter well.
	Inorganic substances increasing the hardness of the water	Check the pH level. Put in a calcium and metal stabiliser when you fill the pool.
4. Slimy green deposits on the sides of the pool	Build up of algae	Give it a chlorine shock dose. Treat with an algicide.
5. Sides of the pool have an uneven appearance	Calcium deposits caused by hard water	Check the pH level. Put in a calcium and metal stabiliser. If the pool is empty, clean with a pool de-scaler.
6 Irritation to skin and eyes, unpleasant odour	Presence of combined chlorine (chloramines)	Adjust the pH level. Put in a chlorine shock dose. Put in fresh water.
7. Evidence of corrosion	pH level too low	Increase the pH level to 7.0 - 7.4



## 2. TAKING CARE OF THE STRUCTURE OF THE POOL

### • The wood

Wood is a living substance which is subject to variations in humidity and temperature. Over the course of time wood is liable to swell, tiny cracks or splits may appear. Such occurrences do not in any way alter the wood's resistance or the durability of our materials. Furthermore, the sides of the pool may become distorted due to the pressure of the water, mainly on the central and lower timbers (where the sides are under maximum pressure from the water) - this is normal.

On the understanding that the pool has been assembled according to the instructions provided, there is no cause for concern regarding the stability of the structure.

The autoclave high pressure treatment of all the timber parts protects the wood from being damaged by insects and fungi. This treatment gives the timber a greenish hue which does not pose any danger to humans. In fact, this colour will fade with time. According to how much it is exposed to direct sunlight, the wood will gradually take on a silvery grey appearance. This process can be slowed down by using a glaze or protective oil, which ideally should be applied a few weeks after the swimming pool has been installed (stabilising the structure and reducing the greenish tinge caused by the high pressure treatment...).

### • The liner

The liner is a flexible PVC membrane and is exceptionally fragile. Therefore make sure that the water in the swimming pool is absolutely clean and that the pH level is not too high.

- The water line is the area most exposed to a variety of deposits so it must be cleaned regularly with appropriate products (no solvents or abrasives should be used).

- Never put any undiluted treatment product directly on to the liner as this may cause discoloration.

The solid blocks of these products must be dissolved in a chlorine diffuser or in the skimmer basket.

- When you halt the filtration system, particularly in winter, it is essential to treat the pool to prevent the build up of moss and calcium.

**❗ Never completely drain the pool. You must never allow the liner to be left for more than 24 hours without water in the pool, otherwise it may become distorted, cracks may appear, etc.**

### Stains on the liner: causes and solutions

COLOUR OF STAINS	POSSIBLE CAUSES	WHAT SHOULD YOU DO?
White	1. Discoloration of the material due to contact with a chemical (chlorine...)	1. No solution
White /grey	1. Calcium deposits	1. Drain the pool, clean by machine, refill the basin, get water balance right and put in an anti-calcium treatment.
Pink	1. Migration of bacteria which have developed underneath the membrane as a result of underlying humidity	1. Lower pH level and the temperature of the water, give a shock dose and run filter for 48 hours non-stop. To prevent this recurring keep the pH level between 7 and 7.4
Green	1. Algae 2. accelerated deterioration of the water line due to sun and oxidising products	1. Correct pH level, give a shock dose and run filter for 48 hours non-stop, clean pool by machine. 2. Use a de-scaler, brush stains, then vacuum deposits.
Orange/ brown	1. Dead algae 2. Water contains iron oxide or copper	1. Brush the sides of the pool and vacuum the deposits. 2. Lower pH level and the temperature of the water, brush stains, then vacuum deposits.
Black	1. Migration of bacteria which have developed underneath the membrane as a result of underlying humidity 2. Water contains heavy metals (iron, silver ...)	1. Lower pH level and the temperature of the water, give a shock dose and run the filter for 48 hours non-stop. To prevent this recurring keep pH level between 6.8 and 7.0 2. Lower pH level and the temperature of the water, brush the stains then vacuum the deposits.
Liner is sticky or has grease deposits	1. Algae 2. Water contains heavy metals (iron, silver ...)	1. Correct the pH level, give a shock dose and run the filter for 48 hours non-stop, clean pool by machine. 2. Lower pH level and the temperature of the water, brush stains, then vacuum deposits.

## 3. WINTER CARE AND SAFETY

Winter care is an essential element of maintaining the pool. The aim of this operation is to avoid the build up of too many algae and calcium deposits inside the basin during the winter. By adding an over-wintering product you will be protecting the water and your pool in winter, thus making it easier to clean at the start of the new season.

**❗ It is imperative that you do not completely drain the pool in the winter (or for a long period of time). In fact totally draining the pool does not improve the condition either of the liner or of the structure of the pool basin, since the water plays a dual role, providing thermal insulation and ballast. The pool is better protected from bad weather, the water pressure prevents anything going through the sides of the pool (in case of ground movement) and offsets the pressure of soil and groundwater.**

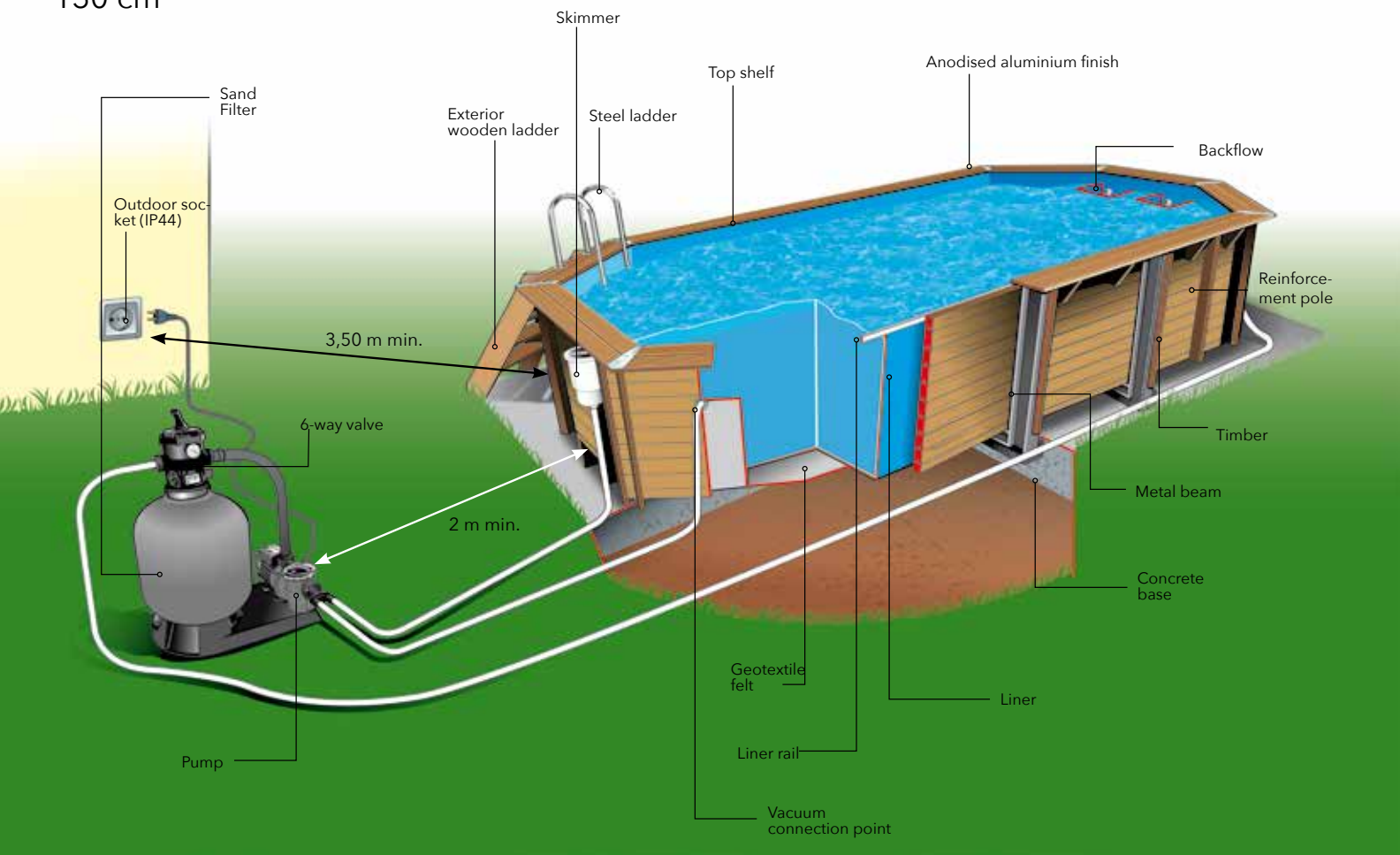
Details about winter care of the filter are given in the notes provided with the tank. It is a good idea to remove the ladder and put it away in a safe place. For safety reasons, this ladder must only be used for accessing the pool. You should cover the swimming pool with a winter canvas cover or better still a tarpaulin Safety cover certified in accordance with safety standard NF P 90 308. In this case you will have to remove any snow from the cover regularly. But having a cover over the pool does not mean that you do not need to be vigilant. You will have to check the state of the water regularly and if the water is turning green you will have to treat it using a chlorine solution. Finally, make sure that rainwater can drain away properly around the pool

## 4. DISMANTLING THE POOL

Whilst it is possible to do so, dismantling the pool is not recommended. In fact, it may cause damage to the component parts and repositioning the liner when reassembling the pool is a very tricky operation.

## General Diagram for installing an UBBINK® Swimming Pool

Model presented : OCEA Swimming pool 400 x 610 - H 130 cm



- **Beam:** Metal frame which strengthens the longest sides of the octagonal model. Goes into the concrete base, under the structure. Hence the importance of remembering to make trenches in the base when you pour in the concrete.
- **Concrete base:** Imperative for maintaining the support and the geometry of the pool, regardless of its size.
- **Exterior wooden ladder:** Means of getting in and out of the pool. It is removable to prevent young children from getting into the pool.
- **Stainless steel ladder:** Means of getting in and out of the pool. Fixed to the top shelving by means of specific anchorage, it is removable.
- **Geotextile felt:** Lightweight underfelt which protects the liner from the unevenness of the soil and the sides.
- **Sand Filter:** Connected to the pump, it filters the pool water. It must have the capacity to renew the volume of water within 4 hours to have an optimum level of filtration.
- **Anodised aluminium finish:** Finishing element at the corners of the top shelving which also serves as a mechanical support (prevents distortion at the ends of the top shelving).
- **Liner:** PVC canvas which is shaped (welding) to fit the pool basin. It seals the pool.

- **Timber:** Basic element of the wooden structure. Made of treated Northern Pine, its resistance enables the pool to be partially or fully sunk into the ground.
- **Top shelving:** Upper perimeter of the pool. Can be made of wood (Northern Fir).
- **Pump:** It creates the flow of water enabling it to be filtered.
- **Reinforcement pole:** reinforcement of all walls to guarantee more robustness.
- **Vacuum connection point:** Goes through pool side to connect automatic vacuum cleaner without cluttering the skimmer.
- **Rail liner:** Plastic sheet attached to the side where the liner is positioned.
- **Backflow:** Goes through pool side to return filtered water to the pool. 1 or 2 of these, depending on the model.
- **Skimmer:** Goes through pool side allowing the removal of water to the filtration unit. Fitted with a basket, it picks up the larger impurities from the surface of the water.
- **6-way Valve:** The valve allows you to change the filtration unit functions (filtration, circulation, washing, rinsing, winter care, draining)





### 3 types of installation



Easy to install, they will give you all the pleasures of owning a wooden swimming pool at a budget price!

Our range of Azura pools gives you the choice of various shapes, octagonal as well as rectangular pools. You will be able to find space for one of these pools on any kind of terrain.

Due to their low height (120 to 130 cm) little ones will be very happy in them ... Under the supervision of their parents, of course!



The products conform to the standard  
EN-16582-1 / EN-16582-3  
(tests carried out by les Laboratoires Pourquery de Lyon,  
France) see also page 11.

Your children's safety is paramount! Do not allow a child under 5 or a child who cannot swim to get into the pool unless they are wearing an inflatable jacket or arm bands. Remember to remove the exterior wooden ladder, after every time the pool has been used, in order to prevent unsupervised access to your swimming pool.

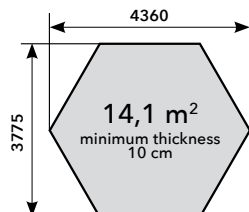
## Azura 410

H 120 cm

### Specifications


Outer dimensions: 410 cm  
Inner dimensions: 350 cm  
Height: 120 cm  
Water volume: 8,6 m<sup>3</sup>  
Swimming area: 8 m<sup>2</sup>

Concrete base for  
Azura 410



Model	AZURA 410
Art. no.	7504504
Liner	Liner 50/100th flat bottomed Colour plain Adriatic blue
EAN CODE	3 700151 445046

### Equipment for the Azura 410

				
Sand filtration unit- 6,0 m <sup>3</sup> /h - D400	Exterior wooden ladder 4 steps remo- vable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Top shelving galvanised bracket

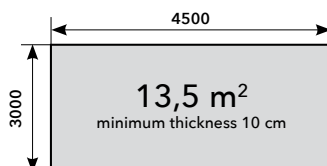
## Azura 200 x 350

H 71 cm

### Specifications

Outer dimensions: 200 x 350 cm  
Inner dimensions: 150 x 300 cm  
Height: 71 cm  
Water volume: 2,85 m<sup>3</sup>  
Swimming area: 4,5 m<sup>2</sup>

Concrete base for  
Azura 200 x 350



Model	AZURA 200 x350
Art. no.	7504791
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 047913

### Equipment for the Azura 200 x 350

			Due to the low height has this pool no solid steel frames but a metal reinforcement band for stabilising the long sides
Filter with a cartridge	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Anodised aluminium straight finish for top shelving	



## Azura 250 x 450

### H 126 cm

#### Specifications

Outer dimensions: 250 x 450 cm  
Inner dimensions: 200 x 400 cm  
Height: 126 cm  
Water volume: 8,9 m<sup>3</sup>  
Swimming area: 8,0 m<sup>2</sup>

#### Concrete base for Azura 250 x 450



Model	AZURA 250 x 450
Art. no.	7505000
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 050005



#### Equipment for the Azura 250 x 450

			
Sand filtration unit- 6,0 m <sup>3</sup> /h - D400	Exterior wooden ladder 4 steps remo- vable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>

## Azura 350 x 505

### H 126 cm

#### Specifications

Outer dimensions: 350 x 505 cm  
Inner dimensions: 300 x 455 cm  
Height: 126 cm  
Water volume: 15,8 m<sup>3</sup>  
Swimming area: 13,6 m<sup>2</sup>



Model	AZURA 350 x 505
Art. no.	7504756
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 047562

Model	AZURA 350 x 505
Art. no.	7504757
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 047579

#### Concrete base for Azura 350 x 505



#### Equipment for the Azura 350 x 505

				
Sand filtration unit- 6,0 m <sup>3</sup> /h - D400	Exterior wooden ladder 4 steps remo- vable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Four metal legs, long and 4 x wood clad- dings for metal legs, long

Patented  
Construction  
EP2415952

# Azura 400 x 750

## H 130 cm

### Specifications

Outer dimensions:

400 x 750 cm

Inner dimensions:

350 x 700 cm

Height: 130 cm

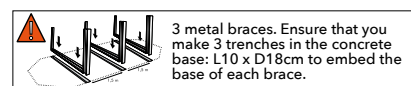
Water volume: 26,5 m<sup>3</sup>

Swimming area: 22,5 m<sup>2</sup>



Model	AZURA 400 x 750
Art. no.	7504717
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 047173

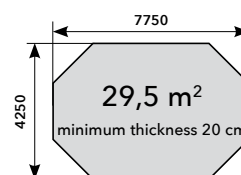
Model	AZURA 400 x 750
Art. no.	7504718
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 047180



### Equipment for the Azura 400 x 750

					
Sand filtration unit- 9,0 m <sup>3</sup> /h - D500	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Anodised aluminium corner finish

### Concrete base for Azura 400 x 750







### 3 types of installation



## Swimming pools available to suit your every wish and with a quality finish!

Our OCEA range of pools is excellent for sharing the pleasures of swimming with family or friends! Their dimensions enable them to blend in harmoniously with your outside environment. Our OCEA pools are made for swimming, and how about doing an aqua gym workout too!



The products conform to the standard  
EN-16582-1 / EN-16582-3  
(tests carried out by les Laboratoires Pourquery de Lyon,  
France) see also page 11.

Wood is a living material, the cracks, the knots and the occasional little fissure do not in any way alter the mechanical resistance of the wood. Never fill the cracks with putty or any other material.



## Océa 430

H 120 cm



### Specifications

Outer dimensions: 430 cm

Inner dimensions: 380 cm

Height: 120 cm

Water volume: 11 m<sup>3</sup>

Swimming area: 10,4 m<sup>2</sup>

Model	OCEA 430
Art. no.	7504505
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	3 700151 445053

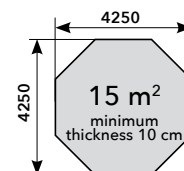
Model	OCEA 430
Art. no.	7504507
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	3 700151 445077

Model	OCEA 430
Art. no.	7504731
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047319

### Equipment for the Océa 430

					
Sand filtration unit - 6,0 m <sup>3</sup> /h - D400	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial under-felt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Anodised aluminium corner finish

### Concrete base for Océa 430



## Océa 510

H 120 cm



### Specifications

Outer dimensions: 510 cm

Inner dimensions: 460 cm

Height: 120 cm

Water volume: 15,7 m<sup>3</sup>

Swimming area: 15,0 m<sup>2</sup>

Model	OCEA 510
Art. no.	7504559
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 045599

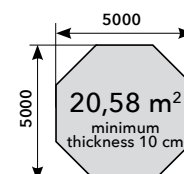
Model	OCEA 510
Art. no.	7504569
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 045698

Model	OCEA 510
Art. no.	7504733
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047333

### Equipment for the Océa 510

					
Sand filtration unit - 6,0 m <sup>3</sup> /h - D400	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial under-felt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Anodised aluminium corner finish

### Concrete base for Océa 510



## Oc a 580

H 130 cm

### Specifications

Outer dimensions: 580 cm

Inner dimensions: 530 cm

Height: 130 cm

Water volume: 23,8 m<sup>3</sup>

Swimming area: 20,7 m<sup>2</sup>



Model	OCEA 580
Art. no.	7504506
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	3 700151 445060

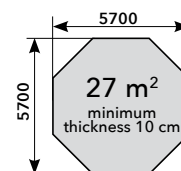
Model	OCEA 580
Art. no.	7504510
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	3 700151 445107

Model	OCEA 580
Art. no.	7504734
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047340

### Equipment for the Oc a 580

					
Sand filtration unit - 9,0 m <sup>3</sup> /h - D500	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial under-felt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Anodised aluminium corner finish

### Concrete base for Oc a 580



## Oc a 355 x 550

H 120 cm

### Specifications

Outer dimensions: 355 x 550 cm


Inner dimensions: 305 x 500 cm

Height: 120 cm

Water volume: 15 m<sup>3</sup>

Swimming area: 14 m<sup>2</sup>



	1 metal brace. Ensure that you make a trench in the concrete base: L10xD18cm to embed the base of the brace
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Model	OCEA 355 x 550
Art. no.	7504592
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 045926

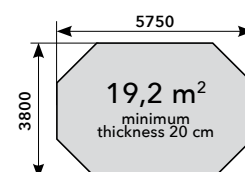
Model	OCEA 355 x 550
Art. no.	7504594
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 045940

Model	OCEA 355 x 550
Art. no.	7504739
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047395

### Equipment for the Oc a 355 x 550

					
Sand filtration unit - 6,0 m <sup>3</sup> /h - D400	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial under-felt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Anodised aluminium corner finish

### Concrete base for Oc a 355 x 550



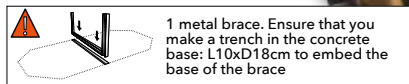
## Océa 400 x 610

H 130 cm



### Specifications

Outer dimensions: 400 x 610 cm  
Inner dimensions: 350 x 560 cm  
Height: 130 cm  
Water volume: 20,8 m<sup>3</sup>  
Swimming area: 18,1 m<sup>2</sup>



Model	OCEA 400 x 610
Art. no.	7504508
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	3 700151 445084

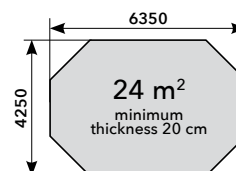
Model	OCEA 400 x 610
Art. no.	7504511
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	3 700151 445114

Model	OCEA 400 x 610
Art. no.	7504744
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047449

### Equipment for the Océa 400 x 610

						
Sand filtration unit - 9,0 m <sup>3</sup> /h - D500	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial under-felt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Rigid PVC outlet and 25 m o 50 mm piping	Anodised aluminium corner finish

### Concrete base for Océa 400 x 610

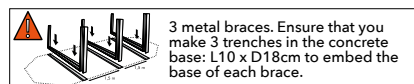


## Océa 470 x 860

H 130 cm

### Specifications

Outer dimensions: 470 x 860 cm  
Inner dimensions: 420 x 810 cm  
Height: 130 cm  
Water volume: 34,5 m<sup>3</sup>  
Swimming area: 30 m<sup>2</sup>



Model	OCEA 470 x 860
Art. no.	7504509
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	3 700151 445091

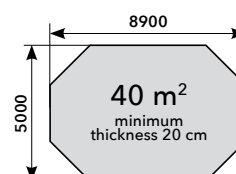
Model	OCEA 470 x 860
Art. no.	7504512
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	3 700151 445121

Model	OCEA 470 x 860
Art. no.	7504747
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047470

### Equipment for the Océa 470 x 860

						
Sand filtration unit - 9,0 m <sup>3</sup> /h - D500	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial under-felt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Rigid PVC outlet and 25 m o 50 mm piping	Anodised aluminium corner finish

### Concrete base for Océa 470 x 860







### 3 types of installation



## Wooden swimming pools that blend in perfectly with your garden!

They give you a magnificent area of water in which to dive, swim, paddle or play with your family!  
The ultimate dream for sports and swimming fans alike, Ubbink brings you 2 LINEA pools. Perfect for getting you into Olympic form and a pool like this will provide your garden with a touch of pure elegance.



The products conform to the standard  
EN-16582-1 / EN-16582-3  
(tests carried out by les Laboratoires Pourquery de Lyon,  
France) see also page 11.

Do not use any blades or pointed objects in the pool; this could damage the liner and never put any treatment products directly into the water as this could result in staining the liner. For more information, refer to the user guide which comes with the swimming pool.

## Linéa 350 x 650

### H 140 cm

#### Specifications

Outer dimensions: 350 x 650 cm  
Inner dimensions: 300 x 600 cm  
Height: 140 cm  
Water volume: 22,5 m<sup>3</sup>  
Swimming area: 18,0 m<sup>2</sup>



Model	LINEA 350 x 650
Art. no.	7504761
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 047616

Model	LINEA 350 x 650
Art. no.	7504762
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 047623

Model	LINEA 350 x 650
Art. no.	7504763
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047630

#### Equipment for the Linéa 350 x 650

								
Sand filtration unit - 9,0 m <sup>3</sup> /h - D500	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Rigid PVC outlet and 25 m o 50 mm piping	Anodised aluminium corner finish for top shelving	Anodised aluminium straight finish for top shelving	6 Metal legs, long and 6x Wood cladding for metal legs, long

## Linéa 500 x 800

### H 140 cm

#### Specifications

Outer dimensions: 500 x 800 cm  
Inner dimensions: 450 x 750 cm  
Height: 140 cm  
Water volume: 43,9 m<sup>3</sup>  
Swimming area: 33,8 m<sup>2</sup>



Model	LINEA 500 x 800
Art. no.	7504771
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 047715

Model	LINEA 500 x 800
Art. no.	7504772
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 047722

Model	LINEA 500 x 800
Art. no.	7504773
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047739

#### Equipment for the Linéa 500 x 800

								
Sand filtration unit - 13,0 m <sup>3</sup> /h - D600	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Rigid PVC outlet and 25 m o 50 mm piping	Anodised aluminium corner finish for top shelving	Anodised aluminium straight finish for top shelving	6 Metal legs, long and 6x Wood cladding for metal legs, long



## Linéa 500 x 1100

### H 140 cm

#### Specifications

Outer dimensions: 500 x 1100 cm

Inner dimensions: 450 x 1050 cm

Height: 140 cm

Water volume: 66,2 m<sup>3</sup>Swimming area: 47,3 m<sup>2</sup>
**2 types**  
of installation


Model	LINEA 500 x 1100
Art. no.	7504550
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 045506

Model	LINEA 500 x 1100
Art. no.	7504551
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 045513

#### Concrete base for Linéa 500 x 1100



#### Equipment for the Linéa 500 x 1100

							
Sand filtration unit - 13,0 m <sup>3</sup> /h - D600	Exterior wooden ladder 4 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Rigid PVC outlet and 25 m o 50 mm piping	Anodised aluminium corner finish for top shelving	Anodised aluminium straight finish for top shelving

## Linéa 350 x 1550

### H 155 cm

#### Specifications

Outer dimensions: 350 x 1550 cm

Inner dimensions: 300 x 1500 cm

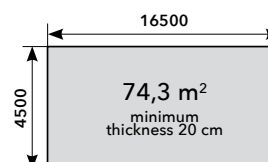
Height: 155 cm

Water volume: 63 m<sup>3</sup>Swimming area: 45,0 m<sup>2</sup>
**2 types**  
of installation


Model	LINEA 350 x 1550
Art. no.	7504552
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 045520

Model	LINEA 350 x 1550
Art. no.	7504553
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 045537

#### Concrete base for Linéa 350 x 1550



#### Equipment for the Linéa 350 x 1550

							
Sand filtration unit - 13,0 m <sup>3</sup> /h - D600	Exterior wooden ladder 5 steps removable (child safety)	Interior stainless steel ladder 3 steps	Anti-bacterial underfelt 200 gr/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Rigid PVC outlet and 25 m o 50 mm piping	Anodised aluminium corner finish for top shelving	Anodised aluminium straight finish for top shelving





## 3 types of installation



## The UrbanPool® - Swimming fun and training without a large garden!

This pool is a real innovation. It has the outfit of a large, expensive swimming pool and the advantages of a small pool, - in short- swimming fun also without a large garden

- ✓ Pine Wood autoclave treated thickness 45 mm, guarantee 10 years
- ✓ Liner 75/100e guarantee 2 years
- ✓ Sand filter guarantee 2 years, incl. piping



The products conform to the standard  
EN-16582-1 / EN-16582-3  
(tests carried out by les Laboratoires Pourquery de Lyon,  
France) see also page 11.

The safety of the children has highest priority! Let children under the age of 5 or children who cannot swim, into the pool only with life jackets on. Remove the wood steps after swimming, so that children cannot get into the swimming pool unintended.



The UrbanPool® sets standards in the area of swimming pools and, therefore, promises fun for all- thanks to its complete outfit

## The UrbanPool package includes

- a counter-flow system for sports lovers
- a heat pump INVERTER 20, for always enjoying the bathing season at the right temperature
- a complete sand filter set 6m<sup>3</sup>/h incl. piping
- an underwater lighting LED 350 Plus, making the pool in the evening an eye-catcher
- an electric control box for programming water filtering and the connection of the electrical devices

## Linéa UrbanPool® 250 x 450

### Specifications

Outer dimensions: 250 x 450 cm

Inner dimensions: 200 x 400 cm

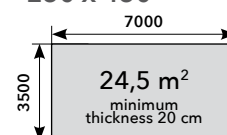
Height: 140 cm

Water volume: 10,0 m<sup>3</sup>

Swimming area: 8,0 m<sup>2</sup>



Concrete base for  
Linéa UrbanPool®  
250 x 450



Model	LINEA UrbanPool 250 x 450
Art. no.	7504722
Liner	Liner 75/100th flat bottomed Colour plain Adriatic blue
EAN CODE	8 711465 047227

Model	LINEA UrbanPool 250 x 450
Art. no.	7504723
Liner	Liner 75/100th flat bottomed Colour plain beige
EAN CODE	8 711465 047234

Model	LINEA UrbanPool 250 x 450
Art. no.	7504729
Liner	Liner 75/100th flat bottomed Colour plain grey
EAN CODE	8 711465 047296

### Equipment for the Linéa UrbanPool® 250 x 450

						
Pump for counter flow system	Sand filter set 6.0 m <sup>3</sup> /h - D400	Heat pump INVERTER 20	2x Electrical control box, large and small	Under water lighting LED Spot 350 Plus	Outer wood ladder with 4 steps, removable (children safety)	Inside stainless steel ladder with 3 steps
						
Anti-bacterial bottom fleece 200 g/m <sup>2</sup>	Felt for pool sides 170 gr/m <sup>2</sup>	Fixed outlet and 25 m water pipeline Ø 50 mm	Anodised aluminium corner finish for top shelving	Anodised aluminium straight finish for top shelving	4 Metal legs, long and 4x Wood cladding for metal legs, long	4 Metal legs, long and 4x Wood cladding for metal legs, long







In addition to pools, UBBINK® offers a wide selection of accessories and options





## Covers

Covers are absolutely essential for your swimming pool, partly to protect the quality of the bathing water, through the winter or when you go away. They prevent dead leaves, insects and anything else that is naturally carried by the wind from landing in your pool.

They also keep the water warm, which is worth considering if you want to have a swim in the morning. UBBINK covers are of a higher quality than the required standard. They have undergone an anti-fungal treatment and have been UV stabilised.

## Safety covers

Safety cover which is designed to prevent children under 5 gaining access to the pool during the winter.

This product complies with standard NF P 90-308.



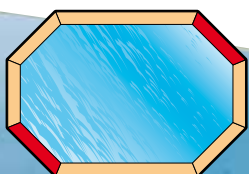
Fixing hooks and stainless steel screws provided with the Safety cover and the patented shock cords.



The fixing is done by eyelets at each end over the first width and an eyelet all them approximately 65 cm over the second width.



The covers are pre-cut out so that the stainless steel supports can be inserted into them.



### Important !

For extended models, the position of the stainless steel ladder is limited to the top shelving indicated in red.

These Safety covers are not a substitute for common sense or individual responsibility. Nor are they intended to be a substitute for the vigilance of parents and/or responsible adults, which remains the essential factor in the protection of young children.

The weight calculations given are just for guidance, based on a cover 10.70 x 5.70 m. An instruction manual for installation, operation, care and maintenance and the guarantee are included with the cover delivery. This manual contains AFNOR safety advice.

Weight : Waterproof type: 0.55 kg/m<sup>2</sup> approx

Handling : Two people are required to put the cover on the pool and to take it off. Putting the cover on : 5 to 15 minutes depending on type - Taking the cover off : 5 minutes.

Art. no.	EAN CODE	Type
7504209	8 711465 042093	Safety cover 550 g 360 cm NF P 90-308
7514388	3 700151 482263	Safety cover 550 g 410 cm NF P 90-308
7514083	3 700151 482270	Safety cover 550 g 430 cm NF P 90-308
7504236	8 711465 042369	Safety cover 550g, 450 cm NF P 90-308
7514084	3 700151 482287	Safety cover 550 g 510 cm NF P 90-308
7514600	3 700151 482294	Safety cover 550 g 580 cm NF P 90-308
7504235	8 711465 042352	Safety cover 550 g, 300 x 490 cm NF P 90-308
7504241	8 711465 942416	Safety cover 550 g, 300 x 550 cm NF P 90-308
7504245	8 711465 942454	Safety cover 550 g, 335 x 485 cm NF P 90-308
7504492	8 711465 044929	Safety cover 550 g, 355 x 490 cm NF P 90-308
7504266	3 700151 442663	Safety cover 550 g 355 x 505 cm NF P 90-308
7504244	8 711465 042444	Safety cover 550 g, 355 x 550 cm NF P 90-308
7514085	3 700151 484205	Safety cover 550 g, 400 x 550 cm NF P 90-308
7514086	3 700151 482300	Safety cover 550 g 400 x 610 cm NF P 90-308
7504232	8 711465 042321	Safety cover 550 g 400 x 640 cm NF P 90-308
7504240	8 711465 042406	Safety cover 550 g 400 x 670 cm NF P 90-308
7504255	8 711465 042550	Safety cover 550 g 400 x 750 cm NF P 90-308
7504229	8 711465 042291	Safety cover 550 g 400 x 820 cm NF P 90-308
7504279	8 711465 042796	Safety cover 550 g 470 x 820 cm NF P 90-308
7514094	3 700151 440768	Safety cover 550 g 470 x 860 cm NF P 90-308
7512014	8 711465 920124	Safety cover 550 g, 200 x 350 cm NF P 90-308
7512012	8 711465 120128	Safety cover 550 g, 300 x 430 cm NF P 90-308
7504239	8 711465 942393	Safety cover 550 g, 300 x 555 cm NF P 90-308
7504242	8 711465 042420	Safety cover 550 g 350 x 505 cm NF P 90-308
7504268	3 700151 442687	Safety cover 550 g 350 x 650 cm NF P 90-308
7504269	3 700151 442694	Safety cover 550 g 500 x 800 cm NF P 90-308
7504281	8 711465 042819	Safety cover 550 g 500 x 1100 cm NF P 90-308
7504282	8 711465 042826	Safety cover 550 g 350 x 1550 cm NF P 90-308
7504251	8 711465 042512	Safety cover 550 g, 250 x 450 cm NF P 90-308

## Bubble Covers

The Ubbink® summer cover sits and floats on the water. It should be positioned with the smooth side on top and the bubble side in contact with the water. It keeps in a few valuable degrees of heat by avoiding water evaporation. Its suction effect prevents it from lifting up in the wind.

They are made out of honeycombed polythene with a thickness of 400 microns with a border running along the edge. Colour blue.

There is a 2 year guarantee provided on UV resistance.



Art. no.	EAN CODE	Type
7504208	8 711465 042086	Bubble cover - 360 cm - 400μ
7514480	3 700151 482249	Bubble cover - 410 cm - 400μ
7514089	3 700151 440713	Bubble cover - 430 cm - 400μ
7504234	8 711465 042345	Bubble cover - 450 cm - 400μ
7514090	3 700151 440720	Bubble cover - 510 cm - 400μ
7515004	3 700151 480412	Bubble cover - 580 cm - 400μ
7504233	8 711465 042338	Bubble cover - 300 x 490 cm - 400μ
7504230	8 711465 942300	Bubble cover - 300 x 550 cm - 400μ
7504546	8 711465 045469	Bubble cover - 335 x 485 cm - 400μ
7504280	8 711465 042802	Bubble cover - 355 x 490 cm - 400μ
7504262	3 700151 442625	Bubble cover - 355 x 505 cm - 400μ
7504243	8 711465 942430	Bubble cover - 355 x 550 cm - 400μ
7514091	3 700151 440737	Bubble cover - 400 x 610 cm - 400μ
7514081	3 700151 484274	Bubble cover - 400 x 550 cm - 400μ
7504259	8 711465 042598	Bubble cover - 400 x 640 cm - 400μ

Art. no.	EAN CODE	Type
7514092	3 700151 440744	Bubble cover - 400 x 670 cm - 400μ
7504231	8 711465 042314	Bubble cover - 400 x 750 cm - 400μ
7504291	8 711465 042918	Bubble cover - 400 x 820 cm - 400μ
7504278	8 711465 042789	Bubble cover - 470 x 820 cm - 400μ
7514093	3 700151 440751	Bubble cover - 470 x 860 cm - 400μ
7512013	8 711465 920131	Bubble cover - 200 x 350 cm - 400μ
7512011	8 711465 120111	Bubble cover - 300 x 430 cm - 400μ
7504237	8 711465 042376	Bubble cover - 300 x 555 cm - 400μ
7504261	8 711465 042611	Bubble cover - 350 x 505 cm - 400μ
7504264	3 700151 442649	Bubble cover - 350 x 650 cm - 400μ
7504265	3 700151 442656	Bubble cover - 500 x 800 cm - 400μ
7504493	8 711465 044936	Bubble cover - 500 x 1100 cm - 400μ
7504494	8 711465 044943	Bubble cover - 350 x 1550 cm - 400μ
7504250	8 711465 042505	Bubble cover - 250 x 450 cm - 400μ



## Winder equipment for pool bubble covers



### „ECO“ winder for covers

For pools with an overhanging edge, which is suitable for a clamping device.

- Removable winder
- Brackets for clamping to the edge of the pool
- 3 adjustable aluminium sleeves for adapting to the pool width
- For pool widths up to 4.70 m min.
- With a set of fastening straps for attaching the tarpaulin to the winder
- With hand grips and a plastic crank handle for unrolling/rolling up the bubble film

Art. no.	EAN CODE
7150028	3 700151 480542



### „XTRA“ winder for covers

For pools with edges made of wood, tubes, metal and concrete.

- Removable winder
- Brackets for clamping to the edge of the pool
- Aluminium crank handle and a locking screw for the winder
- Set of eight tubes (7 x 1.05 m und 1 x 0,32 m) for adapting to the pool width
- Adapter for pool edges with a pipe construction
- For pool widths up to 5.55 m max.
- With a set of fastening straps for attaching the tarpaulin to the winder

Article n°	EAN CODE
7505500	8 711465 055000



### „LUXE“ winder for covers

For pools with a wide, flat edge.

- Removable winder
- Brackets for clamping to the edge of the pool
- 3 adjustable aluminium sleeves for adapting to the pool width
- For pool widths up to 6.50 m max.
- With a set of fastening straps for attaching the tarpaulin to the winder
- With a plastic crank handle for unrolling/rolling up the bubble film

Article n°	EAN CODE
7514022	3 700151 440690



### „PREMIUM“ winder for covers

For pools with edges made of wood, tubes, metal and concrete.

- Removable, extra stable winder
- Metal brackets for screwing onto the edge of the pool
- Aluminium crank handle and a locking screw for the winder
- Set with 5 tubes (5 x 1,50 m) for adapting to the pool width
- Incl. an adapter for pool edges with a pipe construction
- For pool widths up to 5.55 m max.
- With a set of fastening straps for attaching the tarpaulin to the winder

Art. no.	EAN CODE
7505964	8 711465 059640



## Key to Pool lighting tables



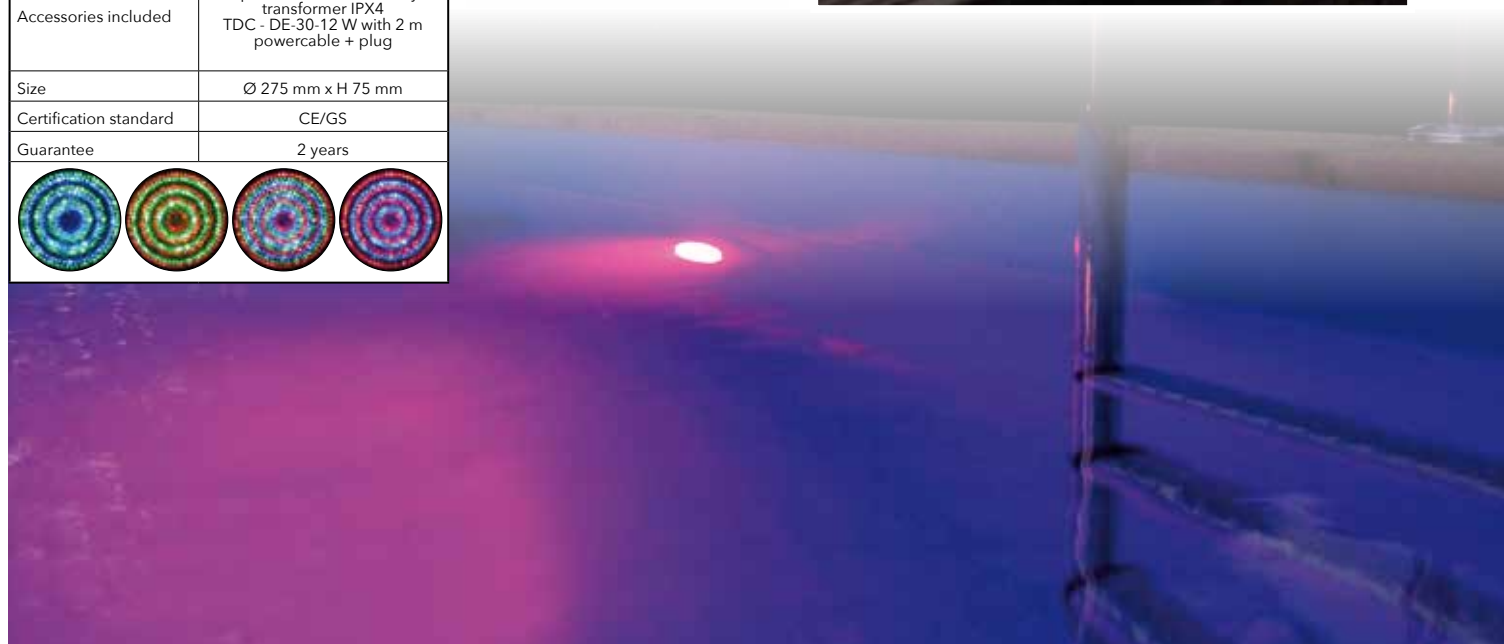
### Pool Spot LED 350 Plus

Model	SPOT 350 PLUS
Art. no.	7504615
EAN CODE	
Rated voltage	AC 12V / 50 Hz
Power consumption(W)	24 W
Material	ABS et verre de protection
Length of cable	5 m
Type of light	350 LED warm white
Protection class	III
Level of protection	IP 68
Accessories included	1 pc. 30 VA outdoor safety transformer IPX4 TDC - DE-30-12 W with 2 m powercable + plug
Size	Ø 275 mm x H 75 mm
Certification standard	CE/GS
Guarantee	2 years



### Pool Spot LED 406 RGB with Remote Control


Model	SPOT 406
Art. no.	7504613
EAN CODE	
Rated voltage	AC 12V / 50 Hz
Power consumption(W)	35 W
Material	ABS
Length of cable	5 m
Type of light	406 LED Red / Green / Blue change and fading of colors (red, green, blue, all) with remote control
Protection class	III
Level of protection	IP 68
Accessories included	1 pc. 30 VA outdoor safety transformer IPX4 TDC - DE-30-12 W with 2 m powercable + plug
Size	Ø 275 mm x H 75 mm
Certification standard	CE/GS
Guarantee	2 years



## STRAIGHT LED Design Waterfall

Modern and noble – is this stainless steel waterfall. It is a fantastic waterworks as decorative element for your pool. It is a highlight contributing to relaxation and wellbeing. The waterfall is completely made from chlorine-resistant stainless steel (316L) and equipped with an effective integrated LED-lighting (20 LEDs, blue).


72 water jets, distributed in two rows provide for a uniform, optimum water outlet, supplied by the return circuit of the filter system of the pool. Included is connection material for the swimming pool or the pond as well as a 12V safety transformer. Material: INOX 316L

Accessories	
	
1 ½" Tee piece	1
1 ½" Ball valve	1
Hose socket 1 ½" x 38 mm	4
Clamp 25-40 mm	4
38 mm Hose	2 m
Base plate	1
Screws and nuts	4
Safety transformer	1



## MAMBA Shower



The new Mamba Shower is powerful and timeless. This water feature is not only an impressive accessory for your pool, it is also a powerful massage shower that revitalizes and refreshes the body. Another highlight that ensures well-being in and around the pool. The MAMBA Shower is made completely of chlorine-resistant stainless steel (316L) and the sturdy high-quality construction guarantees an even and powerful shower surge, which is generated by the return circuit of the pool's filter system.

Accessories	
	
1 ½" Tee piece	1
1 ½" Ball valve	1
Hose socket 1 ½" x 38 mm	4
Clamp 25-40 mm	4
38 mm Hose	2 m
Base plate	1
Screws and nuts	4
Safety transformer	1

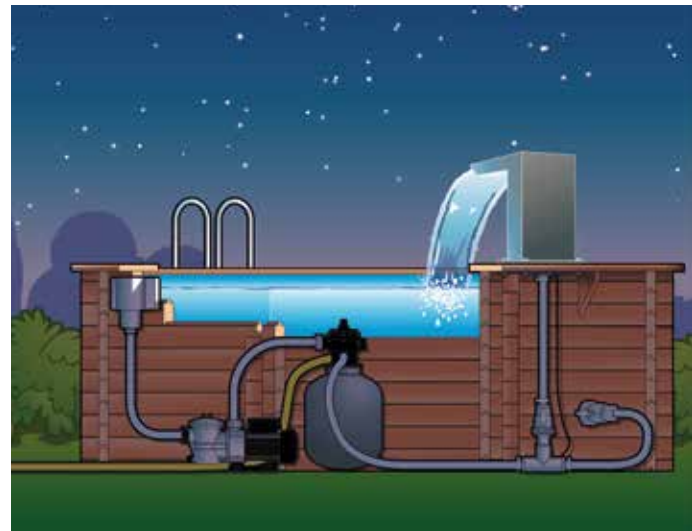
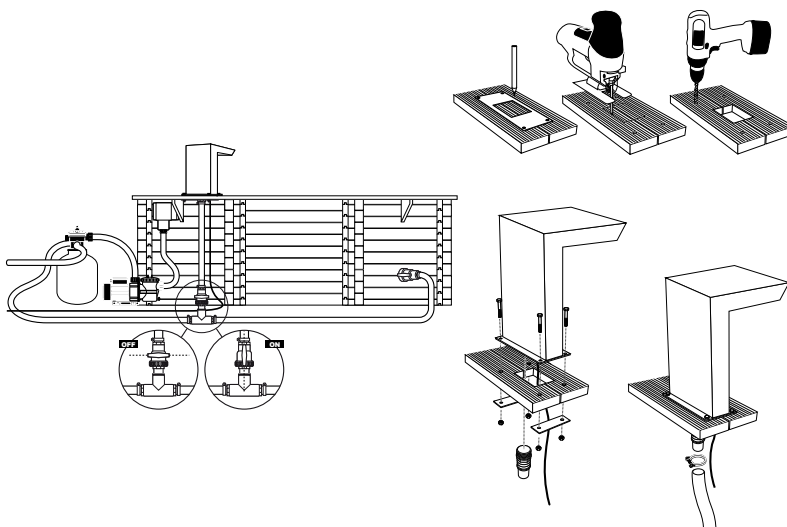




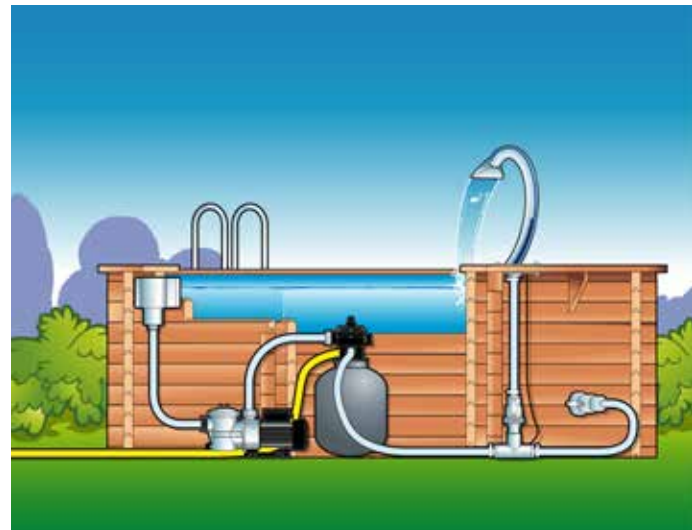
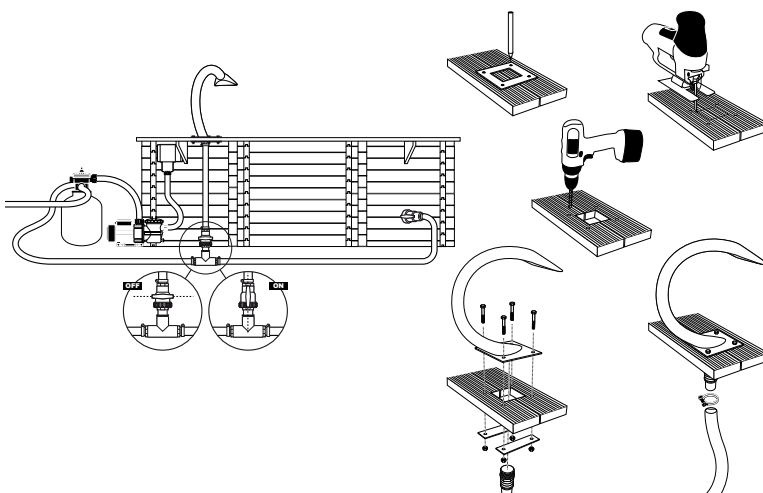
## Technical information of the waterfall STRAIGHT LED and MAMBA Shower

Model	Waterfall STRAIGHT LED	MAMBA Shower
Art. no.	7504636	7505529
EAN-Code	 8 711465 046367	 8 711465 055291
Material	INOX 316 L	
Dimensions (H x W x D)	59,5 x 48 x 37,5 cm	34,5 x 35 x 18 cm
Hose connection	1 ½"	
Recommended power of pump		
Pools with sand filter (0.8 bar = backflow height 8 m)	5,5 - 11 m³/h	
	Poolmax TP 75/120	
LED Lighting		
LED strip	20 LEDs, blue	---
Voltage/Frequency	AC 12V / 50Hz	---
Safety transformer	TDC DE-6,0-12W	---
Power consumption	3,5 W	---
Length of LED light cable	5 m	---
Protection class	III	---
Degree of protection	IP68	---

### Assembly principle of the STRAIGHT waterfall



### Assembly principle of the MAMBA Shower





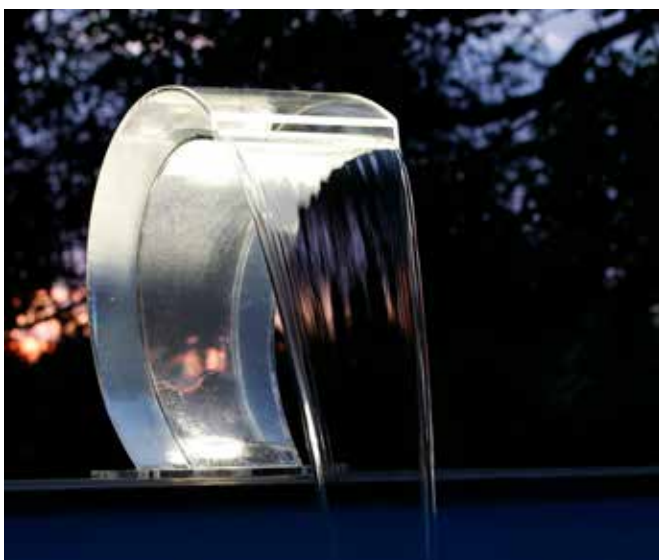


## MAMBA Waterfall

Modern and noble – you have the choice between four models in two sizes! It is a fantastic waterworks as decorative element for your pool and a highlight, contributing to relaxation and wellbeing.

Three of the waterfalls are made completely from chlorine-resistant stainless steel (316L), one model from transparent Acryl. The special design and the high quality provide for a uniform water curtain, supplied by the return circuit of the filter system of the pool. Three of the models have an effective integrated LED-lighting, including connection material for the swimming pool.

## MAMBA Acrylic LED Waterfall



## MAMBA S-LED Waterfall



## MAMBA LED Waterfall



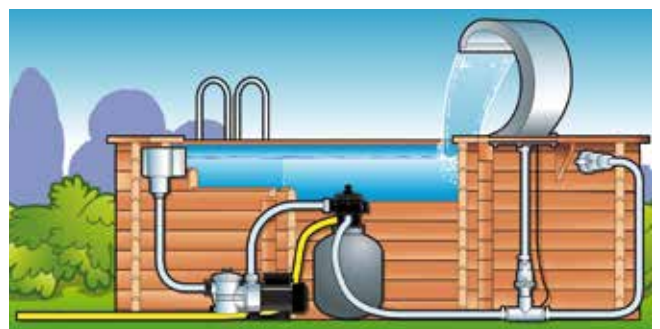
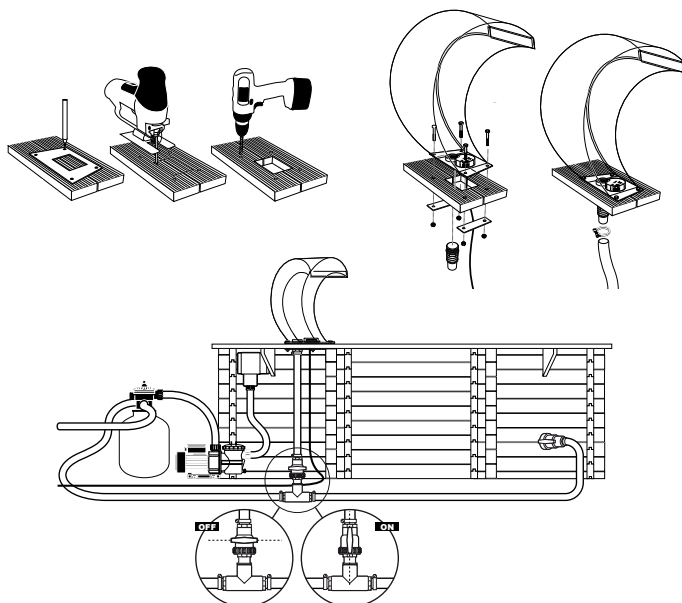
## MAMBA Waterfall



## Technical information about MAMBA waterfalls

Model	MAMBA Acrylic LED	MAMBA S-LED	MAMBA LED	MAMBA
				
Art. no.	7504637	7504632	7504459	7504442
EAN CODE	 8 711465 046374	 8 711465 046329	 8 711465 044592	 3 700151 444421
Material	Acryl	INOX 316 L	INOX 316 L	INOX 316 L
Dimensions (H x W x D)	54 x 30 x 32 cm	24 x 27,5 x 13,5 cm	54 x 30 x 32 cm	
Hose connection	1 1/2" (Interior wire)	1" (Interior wire)	1 1/2" (Interior wire)	
Recommended power of pump				
Pools with sand filter (0.8 bar = backflow height 8 m)	5,5 - 11 m³/h	4,5 - 11 m³/h	5,5 - 11 m³/h	5,5 - 11 m³/h
	Poolmax TP 75 / 120	Poolmax TP 50 / 75 / 120	Poolmax TP 75 / 120	Poolmax TP 75 / 120
LED Lighting				
LED	-	Strip 14 cm, 9 LED, warm white	Strip 30 cm, 20 LED, blue	
LED Ring	Rings of 24x LED warm white			
Voltage/Frequency	AC 12V / 50Hz	AC 12V / 50Hz	AC 12V / 50Hz	
Safety transformer	TDC 3,25-12 W	TDC 3,25-12 W	TDC 3,25-12 W	
Power consumption	4 W	2,5 W	3,5 W	
Length of LED light cable	5 m	5 m	5 m	
Protection class	III	III	III	
Degree of protection	IP68	IP68	IP68	
Accessories				
				
1 1/2 " Tee piece	1	1	1	1
1 1/2" Ball valve	1	1	1	1
Hose socket 1 1/2" x 38 mm	4	2	4	4
Hose socket 1 1/2" x 32 mm	-	1	-	-
Hose socket 1" x 38 mm	-	1	-	-
Hose socket 1" x 32 mm	-	1	-	-
Clamp 25-40 mm	4	4	4	4
38 mm Hose	2 m	-	2 m	2 m
32 mm Hose	-	2 m	-	-
Base plate	1	1	1	1
Screws and nuts	4	4	4	4
Safety transformer	1	1	1	-

## The principle of assembling MAMBA Waterfalls





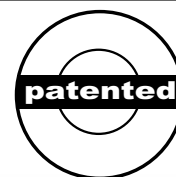


## Niagara Wall LED

The following three models are especially suitable for the longer outlet for installation into brick walls, stone baskets (Gabions) or other materials. Also the installation on walls is still possible and also these models have two connection options at the bottom and rear side. If a replacement of the LED-lighting is necessary, the waterfall does not need to be disassembled. The LED-strip can simply be removed from the front

### The advantages of „Niagara Wall“ waterfalls

- ✓ Longer outlet (lip) for bricking in without facing
- ✓ Easy replacement of the LED-strip due to possibility to remove at the front side and due to short cable
- ✓ Includes cable extension of 5m
- ✓ Hose connection at the rear and under side
- ✓ Made from inox, optimum suitability for pools



### Niagara Wall 30 LED

(H x W x D): 10 x 30 x 20 cm  
20 LEDs, warm white Transformer  
230VAC / 12VAC~50Hz Material: Inox 316L  
Connection: 1" female thread

Article no EU 1312124



8 711465 121248



### Niagara Wall 60 LED

(H x W x D): 10 x 60 x 20 cm  
35 LEDs, warm white Transformer  
230VAC / 12VAC~50Hz Material: Inox 316L  
Connection: 1" female thread

Article no EU 1312125



8 711465 121255



### Niagara 90 Wall LED

(H x W x D): 10 x 90 x 20 cm  
60 LEDs, warm white Transformer  
230VAC / 12VAC~50Hz Material: Inox 316L  
Connection: 1" female thread

Article no EU 1312126



8 711465 121262



Installation into wood cube at the pool



Installation into a stone wall



## Niagara Acrylic LED

This is a design-waterfall with long outlet from acrylic and with LED-lighting for installation at the pool, including the assembly brackets for easy installation of the waterfall. The 1 1/2"-hose connection is at the underside, the water supply takes place via the return circuit of the filter system of the pool. The LED-strip can be installed or replaced without problem at the housing side.



### The advantages of "Niagara Acrylic LED"-waterfalls

- Longer outlet (lip)
- Easy replacement of the LED due to possibility to remove at the side without disassembly
- Including cable extension 5m
- Hose connection at the bottom
- Acrylic - chlorine-resistant, therefore optimum suitability for pools



Inserting the LED-strip



View with installed LED-strip



Wall brackets



### Niagara Acrylic 30 LED

Dimensions: 8.5 x 30 x 20.5 cm  
20 LEDs, cold white  
Transformer 230VAC / 12VAC~50Hz  
Material: Acrylic  
Connection: 1 1/2" female thread  
Article no EU 7504608



8 711465 046084

### Niagara Acrylic 60 LED

Dimensions: 10 x 60 x 20 cm  
35 LEDs, cold white  
Transformer 230VAC / 12VAC~50Hz  
Material: Acrylic  
Connection: 1 1/2" female thread  
Article no EU 7504609



8 711465 046091



Installation into wood cube at the pool



Rear view with wall brackets

# Robotclean® Pool



Robotclean are automatic swimming pool cleaners, which will facilitate the difficult cleaning of your swimming pool over many years.

You can choose between five models.

ROBOTCLEAN 1

ROBOTCLEAN 2






ROBOTCLEAN 3

ROBOTCLEAN Accu S

ROBOTCLEAN Accu XL

## AUTOMATIC - INTELLIGENT - FAST - EFFICIENT - ECONOMICAL

The Robotclean has all the perfect characteristics for the high- tech- cleaning and convinces with its reliability.

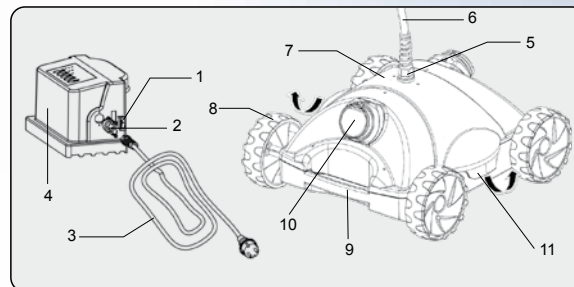
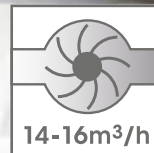
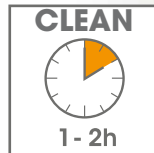
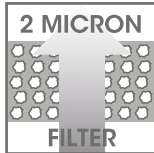
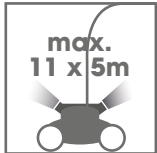
Model	ROBOTCLEAN 1	ROBOTCLEAN 2	ROBOTCLEAN 3	ROBOTCLEAN Accu S	ROBOTCLEAN Accu XL
Art. no.	7505501	7504638	7505502	7505506	7505509
EAN CODE					
POWER BOX (Transformer)					
Input rating	AC 230V 50Hz, max.150W	AC 230V 50Hz, max. 150W	AC 100-230V - 50/60Hz, 1.2A		
Output rating	DC 24V 50Hz, 6.5A	DC 24V 50Hz, 6.5A	DC 28V - 5.5A		
Storage temperature	10°C - 40°C	10°C - 40°C	10°C - 35°C		
Operating temperature	5°C - 45°C	5°C - 45°C	10°C - 35°C		
Supply cable transformer	2,0 m	2,0 m	1,7 m		
Dimensions	300 x 185 x 170 mm	300 x 185 x 170 mm	260 x 220 x 85 mm		
POWER ADAPTER (rechargeable battery)					
Input rating				AC 100-240V 50/60Hz	AC 100-240V / 50-60Hz / 1.3A
Output rating				DC 12,6V 50-60Hz, 1.8 A	DC 30V - 2A
ROBOTCLEAN					
Input rating	DC 24V 50Hz, max. 120W	DC 24V 50Hz, max. 120W	DC 28V - 2A	DC 12,6V 50-60Hz, 50W, 1.8 A	DC 30V - 2A
Battery capacity				6600 mAh	202 Wh
Battery operating time				max. 2 h	max. 2h
Battery charging time				5-6 h	4-5 h
Storage temperature	10°C - 40°C	10°C - 40°C	10°C - 40°C	20°C - 45°C	10°C - 40°C
Operating temperature	10°C - 35°C	10°C - 35°C	10°C - 35°C	10°C - 35°C	10°C - 35°C
Max. operating depth	3 m	3 m	2 m	2 m	2 m
Floating DC cable	13 m	13 m	15 m	not required	
Dimensions	490 x 700 x 300 mm	490 x 692 x 330 mm	230 x 430 x 430 mm	390 x 450 x 310 mm	230 x 470 x 470 mm
Technical data					
Cleaning area	Floor	Floor	Floor, walls and water level line	Floor	Floor, walls and water level line
Cleaning Surface	max. 55 m <sup>2</sup>	max. 72 m <sup>2</sup>	max. 120 m <sup>2</sup>	max. 50 m <sup>2</sup>	max. 120 m <sup>2</sup>
Safety system (overload protection)	yes	yes	yes	yes	yes
Cleaning cycle	1-2 h	1-2 h	1/2/3 h	max. 2 h	max. 2 h
Trolley	no	no		no	
Filtration rating	2 Mikron	2 Mikron	100 Mikron	100 Mikron	100 Mikron
Suction capacity	14-16 m <sup>3</sup> /h	14-16 m <sup>3</sup> /h	16 m <sup>3</sup> /h	10 m <sup>3</sup> /h	16 m <sup>3</sup> /h
Cable anti-tangle device	yes	yes	yes	not required	not required



# Robotclean 1



Automatic swimming pool cleaner, cleaning the pool bottom up to a pool size of 12 x 6 metres. It has a control unit operating in the low voltage range - und safe due to this.



- 1 - Power switch ON/OFF
- 2 - Transformer socket
- 3 - Power cord with plug
- 4 - Transformer
- 5 - Floating cable socket
- 6 - Floating cable

- 7 - Housing
- 8 - Wheel
- 9 - Handle
- 10 - Jet outlet
- 11 - Opening clip for housing

## Special characteristics

- Fast and easy start-up
- For every type of pool coating (foil, tiles, polyester dish etc.)
- For pools up to 11 x 5 m
- Low voltage range (ELV) for safety
- 13 m swimming cable
- Uncomplicated maintenance



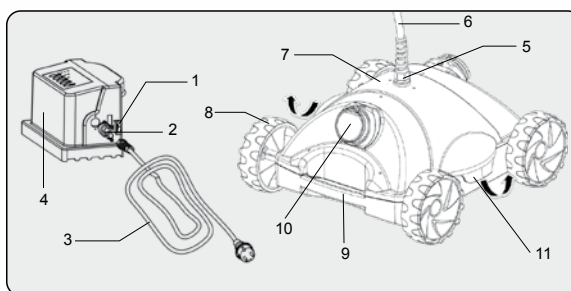
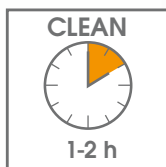
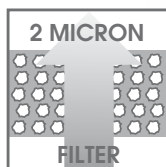
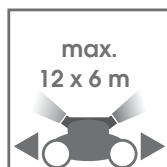
## The filtration rating is exceptionally good: 2 microns

The filtration rating is something that really must be taken into account when buying a pool cleaner. This rating is calculated in microns. The lower the micron filter rating, the more efficiently the filter will pick up the tiniest particles of debris. ROBOTCLEAN pool cleaners are equipped with the finest filtration rating on the market: 2 microns.

# Robotclean® 2 Pool



Automatic swimming pool cleaner, cleaning the pool bottom up to a pool size of 12 x 6 metres. It has a control unit operating in the low voltage range - und safe due to this.



- 1 - Power switch ON/OFF
- 2 - Transformer socket
- 3 - Power cord with plug
- 4 - Transformer
- 5 - Floating cable socket
- 6 - Floating cable

- 7 - Housing
- 8 - Wheel
- 9 - Handle
- 10 - Jet outlet
- 11 - Opening clip for housing

## Special characteristics

- Fast and easy start-up
- For every type of pool coating (foil, tiles, polyester dish etc.)
- For pools up to 12 x 6 m
- Low voltage range (ELV) for safety
- 13 m swimming cable
- Uncomplicated maintenance



## The filtration rating is exceptionally good: 2 microns

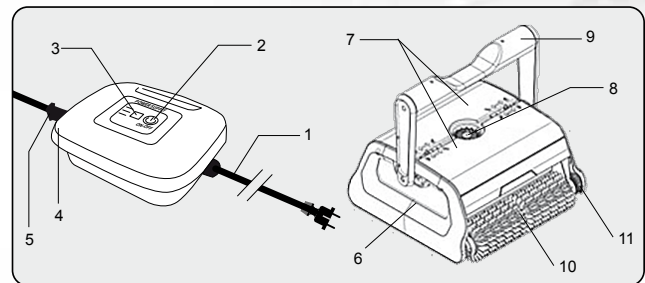
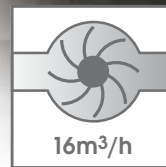
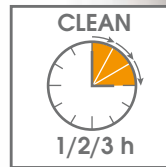
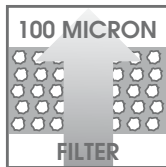
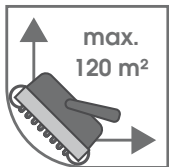
The filtration rating is something that really must be taken into account when buying a pool cleaner. This rating is calculated in microns. The lower the micron filter rating, the more efficiently the filter will pick up the tiniest particles of debris. ROBOTCLEAN pool cleaners are equipped with the finest filtration rating on the market: 2 microns.





# Robotclean 3

ROBOTCLEAN 3 is a pool cleaner that will make the tedious job of cleaning the pool easier over the course of many years. Cleans pool floor, walls and water level line. For pools up to 120 m<sup>2</sup> (max).  
AUTONOMOUS - INTELLIGENT - FAST- EFFICIENT - ECONOMICAL!  
ROBOTCLEAN is perfectly designed to carry out high-performance cleaning and it is always exceptionally reliable.

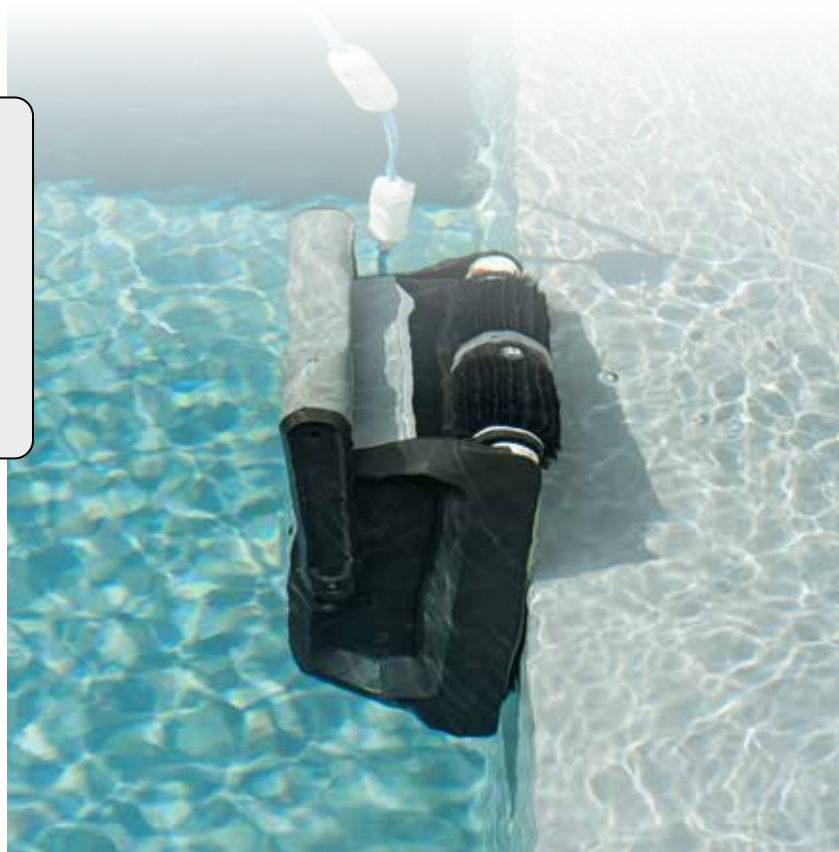


- 1 - Transformer cable plug
- 2 - Power Switch ON/OFF
- 3 - Work cycle selection
- 4 - Floating cable plug
- 5 - Floating cable
- 6 - Side cover

- 7 - Upper cover (for filter cartridge)
- 8 - Outlet Top
- 9 - Handle
- 10 - PVC lamellar brush
- 11 - Drive Track

## Special characteristics

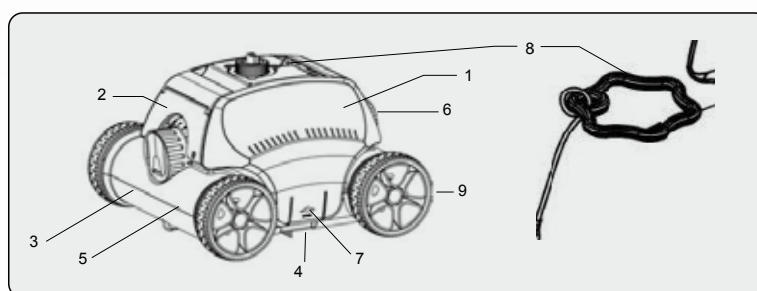
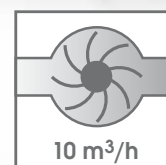
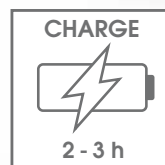
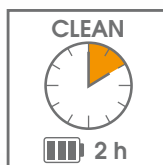
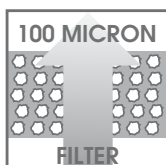
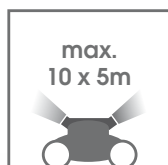
- Quick and simple start-up
- For all types of coatings (foil, tile, polyester trays etc.)
- Cleans pool floor and walls, as well as the water level line
- For pools up to 120 m<sup>2</sup>; suitable for rectangular, oval and circular pools
- Low voltage range (ELV) for extra safety
- 15 m cable
- Simple maintenance



# Robotclean Accu S

ROBOTCLEAN Accu S is a battery-powered automatic cleaning device for swimming pools. For the quick and easy cleaning of your pool without the hassle of a cable. Cleans pool floors up to a maximum area of 50 m².

The ROBOTCLEAN Accu S has got the perfect features for high-tech cleaning and offers impressive reliability and safety.

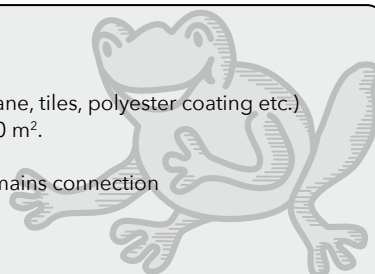


- 1 - Top part of housing
- 2 - Self-closing flap
- 3 - Bottom part of housing
- 4 - Brush
- 5 - Filter cartridge (inside)

- 6 - Control nozzle
- 7 - Opening clip for housing
- 8 - Floating handle with cord
- 9 - Wheel

## Special characteristics

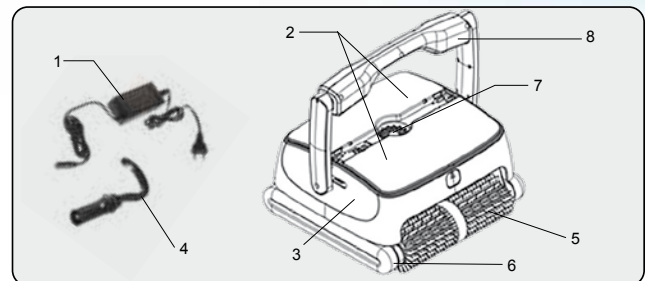
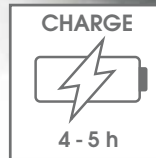
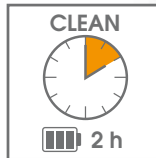
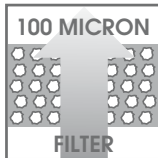
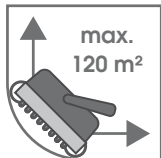
- Rapid and easy start-up
- For all types of pool coating (pvc membrane, tiles, polyester coating etc.)
- Cleans pool floors up to a maximum of 50 m².
- 3 possible settings for angle of direction
- Safe cable-free operation without direct mains connection
- Powerful rechargeable battery
- Simple maintenance





# Robotclean Accu XL

ROBOTCLEAN ACCU XL is a battery-powered pool cleaner that will make the tedious job of cleaning the pool easier many years without any bothersome cables. Cleans pool floor, walls and water level line. For pools up to 120 m<sup>2</sup> (max). AUTOMATIC - INTELLIGENT - FAST- EFFICIENT - ECONOMICAL ! ROBOTCLEAN is perfectly designed to carry out high-performance cleaning and it is always exceptionally reliable.



- 1 - Power supply unit  
AC 100-240 V / 50-60 Hz
- 2 - Upper cover  
(for filter cartridge)
- 3 - Side cover
- 4 - Hook (for lifting the pool  
robot out of the pool),  
suitable for poles Ø 29 mm  
(not included)

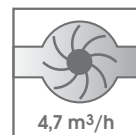
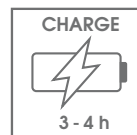
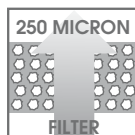
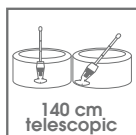
- 5 - PVC lamellar brush
- 6 - Drive Track
- 7 - Outlet Top
- 8 - Handle

## Special characteristics

- Rapid and easy start-up
- Cleans pool floor, walls and water level line. For pools up to 120 m<sup>2</sup> (max). For all types of coatings (liner, tile, polyester trays etc.)
- Safe operation without cables and without direct power connection
- High-performance rechargeable accu
- Simple maintenance



# Pool & SPA Clean Accu Telescopic



The Pool & SPA Clean Accu is a hand-held vacuum cleaner for cleaning small pools and SPAs. Effective cleaning is possible from a minimum water depth of 30 cm and more; the telescopic handle can be extended up to 140 cm. The appliance is suitable for pool floor and wall cleaning. For safe and easy cleaning without bothersome cables.



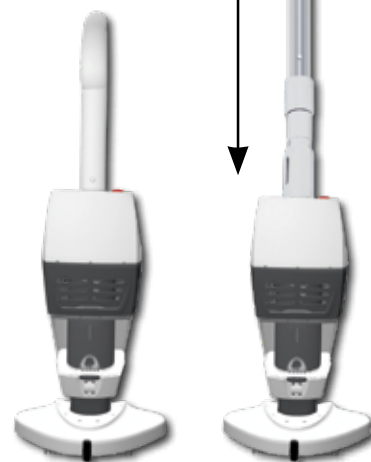
## Special characteristics

- Fast and easy start-up
- For all types of surface coatings (film, tiles, polyester shells, etc.)
- With 1.40 m long telescopic extension
- Low voltage range (ELV) for safety
- Simple maintenance



Model	Pool & SPA Clean Accu
Art.no.	7505511
EAN CODE	 8 711465 055116
<b>POWER SUPPLY UNIT (rechargeable battery)</b>	
Input voltage	AC 100-240 VAC / 50-60Hz- 1A
Output voltage	DC 12.6V - 1A max.
<b>POOL &amp; SPA CLEAN Accu</b>	
Input voltage	DC 12.6V - 1A max.
Battery capacity	28.86 Wh
Battery operating time	max. 1 h
Charging time battery	3-4 h
Storage temperature	10°C - 40°C
Nominale watertemperature	10°C - 35°C
Immersion depth	min. 30 cm
Size	H426 x 216 x 148 mm
<b>Technical data</b>	
Cleaning method	manual
Overheating protection	yes
Filter unit	250 Mikron
Suction strength	ca. 4680 l/h

140 cm





# Heatermax

There are several ways to heat your own pool, including the two serial heat pumps Heatermax COMPACT and Heatermax INVERTER. A good investment in order to bring the pool water to a comfortable temperature.



Heatermax COMPACT



Heatermax INVERTER



## Heatermax COMPACT S3 / M5

Our new compact and easy-to-use pool heat pumps (the Heatermax compact range) has been specifically designed to heat paddling pools, swimming pools, above-ground pools, steel wall pools and whirlpools.

Heatermax compact is easy to install, quick to use and as a result of its compact design, it can be connected in all locations. With a Heatermax compact heater pump, you are independent of the sun, and you can even heat the water of your pool in cloudy weather.

Both devices are intended for outdoor use. For optimum thermal performance, ensure that it is well sited and that there is adequate ventilation.

S3

Model	Heatermax® COMPACT 10	Heatermax® COMPACT M5
Art. no.	7505503	7505504
EAN CODE		
Voltage/Frequency/Phase	220-240V ~ 50Hz / 1 phase	
Rated current	2,6 A	4,4 A
Recommended fuse	10 A	10 A
Mains cable	2.5 m / plug with residual current (Fi) circuit breaker	
Protection class	I	I
Protection type	IP X4	IP X4
<b>Heating power in the case of condition 1: air 28°C/ water 28°C/ air humidity 80%</b>		
Heater output	2,50 kW	4,20 kW
Power consumption	0,59 kW	1,00 kW
Coefficient of performance (COP)	4,2	4,2
<b>Heating power in the case of condition 2: air 15°C / water 26°C / air humidity 70%</b>		
Heater output	1,90 kW	3,20 kW
Power consumption	0,56 kW	0,91 kW
Coefficient of performance (COP)	3,4	3,5
Max. pool volume	10m³	20m³
Min. water flow	2 m³/h	2 m³/h
Max. water pressure	4 kPa	2,5 kPa
Water temperature (operating range)	10°C - 42°C	
Air temperature (operating range)	12°C - 42°C	
Inlet/Outlet	38-32 mm	38-32 mm
Compressor (type/brand)	Rotation/Mitsubishi	Rotation/Hitachi
Ventilation direction	horizontal	
Noise level at 1 m distance	57 dB(A)	55 dB(A)
Noise level at 10 m distance	48 dB(A)	46 dB(A)
Housing	stainless galvanised steel	
Heat exchanger	titanium pipe (in PVC reservoir)	
Coolant R32	150 g	280 g
GWP value	675	675
CO2 equivalent	0,101 t	0,189 t
Dimensions	365 x 310 x 356,5 mm	460 x 434 x 432,5 mm
Net weight	21 kg	29 kg

Heatermax compact S3-M5 contains fluorinated greenhouse gases



### Advantage of the Heatermax COMPACT heat pump:

- ✓ Plug & play (with a plug for direct connection to the socket)
- ✓ Robust metal housing
- ✓ Titanium heat exchanger (suitable for chlorine and salt water)
- ✓ Ecological (about 80% of the energy for heating water comes from the air)
- ✓ Coolant R32
- ✓ Digital display (simply set the desired water temperature)
- ✓ Operation is possible without bypass
- ✓ Fully automatic flow switch
- ✓ Warming up to a water temperature of 40°C degrees
- ✓ Operation above an outer temperature of 12°C
- ✓ Very quiet operation due to a high-quality compressor and low-noise fan

## Heatermax INVERTER 20 / 40 / 70

The inverter heat pump operates above an air temperature above -7 °C and is suitable for pools where chlorine or salt water electrolysis are used for water treatment.

The heat pump absorbs all the heat in the outside air, intensifies it and releases it like a refrigerator to the water of the swimming pool ... and vice versa. For this purpose, a cooling gas (R32) circulates in a closed and airtight circuit. The control unit of the heat pump ensures a continuous adjustment of the compressor and fan speed according to the heat which is actually required.

### 3 operating modes of the Heatermax INVERTER heat pump:

#### SILENT MODE

- low compressor and fan speed
- ideal for maintaining the water temperature
- very low power consumption and noise
- automatic switching to smart mode when the difference between the setpoint and actual value of the water temperature is greater than 2 °C

#### SMART MODE




- medium compressor and fan speed
- ideal in the case of regular use of the pool during the bathing season
- low power consumption and noise
- automatic adjustment of the compressor and fan speed to the water temperature

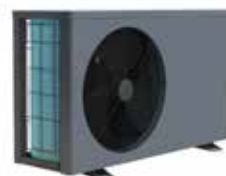
#### POWER MODE

- high compressor and fan speed
- ideal for very fast water heating at the start of the bathing season
- maximum heating power

#### Advantages of the Heatermax INVERTER heat pump:

- ✓ Titanium heat exchanger (suitable for chlorine and salt water) - no corrosion
- ✓ Ecological (approx. 80% of the energy for water heating comes from the air)
- ✓ Coolant R32
- ✓ Operation is possible without bypass
- ✓ Fully automatic flow switch
- ✓ Very quiet operation due to a high-quality compressor and low-noise fan
- ✓ Anti-vibration rubber pads
- ✓ Incl. protective cover

Model	Heatermax® INVERTER 20	Heatermax® INVERTER 40	Heatermax® INVERTER 70
Art. no.	7505523	7505524	7505525
EAN CODE			
Voltage/Frequency/Phase	220-240V ~ 50-60Hz / 1 phase		
Rated current	4,7 A	7,4 A	8,7 A
Recommended fuse	7 A	11 A	13 A
Mains cable (not contained)	H07RN-F 3*2,5mm2		
Protection class	I	I	I
Protection type	IP X4	IP X4	IP X4
<b>Heating power in the case of condition 1: air 28°C/ water 28°C / air humidity 80%</b>			
Heater output	5,5 - 3,2 kW	9,5 - 3,6 kW	11,2 - 4,9 kW
Power consumption	1,06 - 0,43 kW	1,67 - 0,42 kW	1,96 - 0,57 kW
Coefficient of performance (COP)	7,5 - 5,2	8,6 - 5,7	8,6 - 5,7
<b>Heating power in the case of condition 2: air 15°C/ water 26°C / air humidity 70%</b>			
Heater output	3,9 - 2,2 kW	6,8 - 2,5 kW	8,0 - 3,5 kW
Power consumption	0,95 - 0,40 kW	1,62 - 0,45 kW	1,96 - 0,63 kW
Coefficient of performance (COP)	5,5 - 4,1	5,6 - 4,2	5,6 - 4,2
Max. pool volume	0-20 m³	20-40 m³	30-70 m³
Min. water flow	2,6 m³/h	2,9 m³/h	3,8 m³/h
Max. water pressure	2,5 kPa	3,5 kPa	4,5 kPa
Water temperature (operating range)	15°C - 35°C		
Air temperature (operating range)	7°C - 43°C		
Inlet/Outlet	50 mm	50 mm	50 mm
Compressor (type/brand)	Compressor Inverter Mitsubishi		
Ventilation direction	horizontal		
Noise level at 1 m distance	39-42 dB(A)	39-43 dB(A)	40-45 dB(A)
Noise level at 10 m distance	44-51 dB(A)	45-52 dB(A)	46-54 dB(A)
Housing	stainless galvanised steel		
Heat exchanger	turned titanium pipe (in PVC container)		
Coolant R32	400 g	650 g	700 g
GWP value	675	675	675
CO2 equivalent	0,27 t	0,44 t	0,47 t
Dimensions	969 x 360 x 522 mm	969 x 360 x 522 mm	1041 x 410 x 697 mm
Net weight	50 kg	53 kg	69 kg
<b>Accessories (in the scope of delivery)</b>			
Winter covering	1	1	1
Feet (Anti-vibration)	4	4	4
10m extension for LCD display connection	1	1	1
Water connection set 50mm	2	2	2
Condensation water hose	2	2	2
Hose holder	2	2	2
Option (not contained in the scope of delivery)			
WIFI Box for Heatermax Inverter heater pump - for remote control, via an internet connection with a smartphone.	Art. no.: 7505526 (not contain in the scope of delivery)		







## Deluxe by-pass kit for heat pumps

- compatible with piping 50 mm and 38 mm in diameter
- 2 x 90° elbows to be bonded
- 2 x 90° tees to be bonded
- 3 valves
- 2 50 x 38 barbed fittings to be bonded
- 250 ml pot of pvc adhesive
- 250 ml pot of pvc stripper

Art. no.: 7504640



8 711465 046404



## Universal Bypass Set

- Universal three-way cock with 6 positions (2x)
- Precise regulation of the water flow with 6 options for the optimum FGB temperature rise of the water
- Indispensable in case of high filtration rates
- Suitable for different types of devices, such as e.g. heat pumps, heating units, salt water electrolysis

Contents:

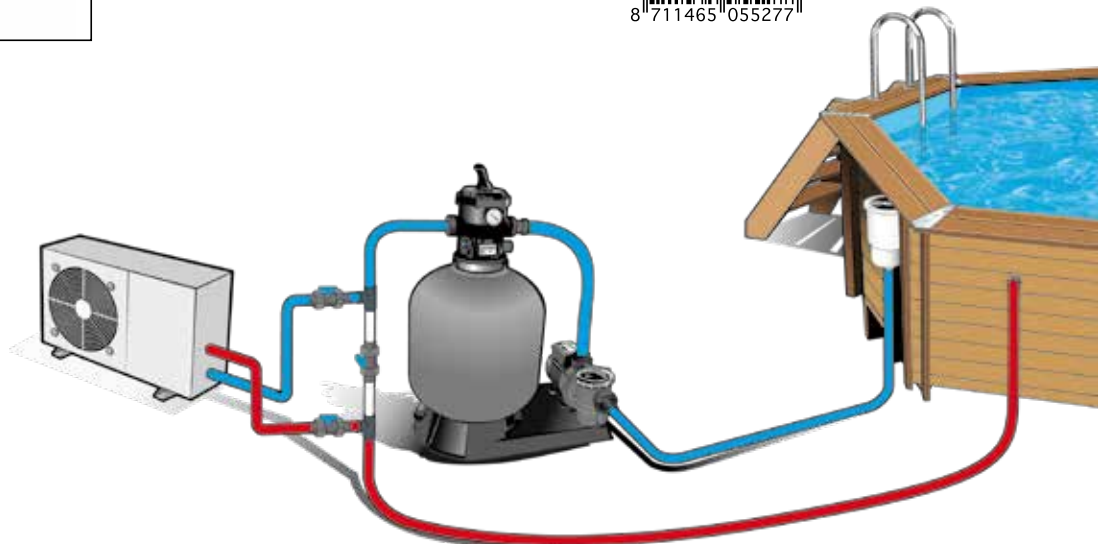
- 2 x 3-way valves (3 x 1½" internal thread, 3 x 2" external thread)
- 6 x universal spouts 38-32 mm
- 6 x hose clips 38-32 mm
- Teflon tape

Art. no.: 7505527



8 711465 055277

Only the heat pump is supplied.  
All other items shown in the illustration are not included.



- 20 % of the energy is supplied by your electricity provider,
- 80 % of the energy comes from the air

4 kWh - from the air

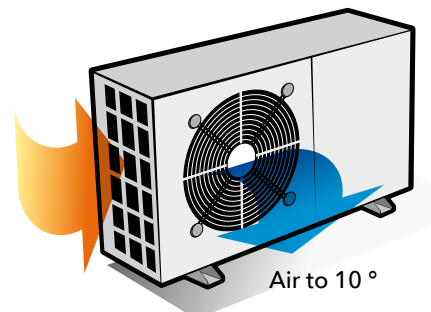


1 kWh - from your electricity provider



5 kWh - goes into the pool

Air to 15 °



Air to 10 °

## WIFI box for Heatermax INVERTER

- LED display with a WIFI antenna for remote control, via an internet connection with a smartphone
- Incl. instructions for download and use of the WiFi App Alsavo Pro.

Art. no.: 7505526



8 711465 055260



## Pool insulation film HDPE

If a pool from wood is fully or partially buried, it is recommended protecting the outer walls with a plastic dimpled sheet. Correctly filled, decay-resistant and with high impact strength, the dimpled sheet protects the wood. The dimpled side is to be placed against the pool structure, leaving an air gap between the wet slope and the pool walls. The dimpled structure provides for a convenient distribution of the slope pressure, and at the same time for a low point load (compressive strength: 250 kN/m<sup>2</sup>)

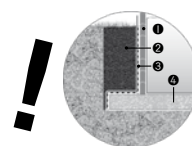


- 1,5 x 20 m, black  
- 550 g/m<sup>2</sup>

Art. no.	EAN CODE
7504635	8 711465 046350



Hammer nails into the vertical supportposts and not into the horizontal planks



- 1 Wood frame of the pool
- 2 Coarse chippings around the pool
- 3 Dimpled sheet HDPE
- 4 Concrete plate under pool

## Security underlay for the pool floor

- 2 x 7 m, white  
- 200 g/m<sup>2</sup>

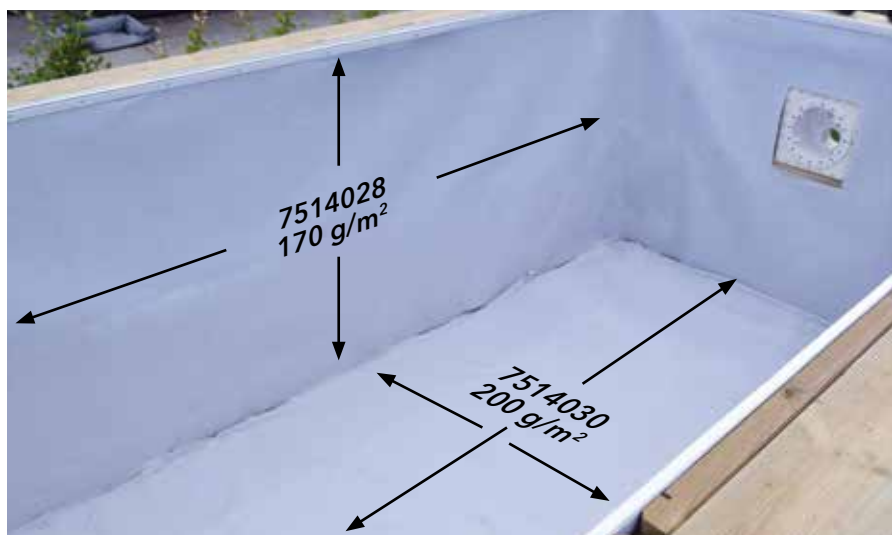
Article no EU 7514030



## Security underlay for the pool wall

- 1,35 x 11,8 m, white  
- 170 g/m<sup>2</sup>

Article no EU 7514028



7514028  
170 g/m<sup>2</sup>

7514030  
200 g/m<sup>2</sup>

## Aluminium cover plate elements



### SET ALUMINIUM COVER ELEMENT 180°

The set consists of 4 pieces aluminium elements for the clean connection of the butting up planks for our rectangular pools, including fastening material.

Art. no.	EAN CODE
7514752	8 711465 147521



### SET ALUMINIUM COVER ELEMENT 45°

The set consists of 4 pieces aluminium elements for the clean connection of the butting on pool edge planks of our rectangular pools, including fastening material.

Art. no.	EAN CODE
7514758	8 711465 147583



### SET ALUMINIUM COVER ELEMENT 135°

The set consists of 8 pieces aluminium elements for the clean covering of the butting up pool edge planks at our octagonal pools, including fastening material.

Art. no.	EAN CODE
7514280	8 711465 142809



## Skimmer

Wide opening skimmer with return nozzle. The wide opening skimmer with return nozzle sucks up the surface water of the pool and catches the coarse dirt and foreign bodies. In this way, the surface remains always free from leaves and other refuse



- Plastic, white
- With wide suction opening
- suitable for our wood pools

Art. no.	EAN CODE
7514019	3 700151 440850

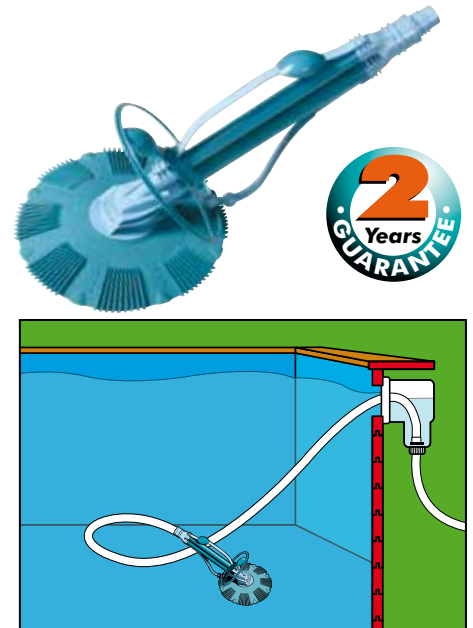


## Pool Cleaner Auto

This automatic pool vacuum cleaner cleans the pool floor as an autonomous unit without the need for a telescopic pole. The vacuum pool cleaner is connected to the pool's sand filtering system with a hose using a skimmer (art.no. 7514019). The vacuum pool cleaner works without electricity and is driven by the vacuum of the filtering system. It therefore moves autonomously over the pool floor and changes its direction of travel automatically. The supplied pressure regulator automatically balances the water flow between the vacuum pool cleaner and the skimmer to ensure safe and optimal operation.

- For cleaning conventional pools with flat floors
- Operation without electricity via an external pool filter pump with min. 370 W (0.5 PS)
- Filtering performance depends on the pool filter capacity
- Delivery with a 10m hose and pressure regulator
- Particularly suitable for small to medium-sized pools

Art. no.	EAN CODE
7500401	3 700151 480214



## Filtration storage chest CLASSIC

Chest made of autoclave treated Northern Fir.  
external dimension: 117 x 120 x 104 cm  
interior dimension: 115/108 x 96 x 76 cm  
Removable hinged top panel and fitted with a lock. Front opening (2 swing doors).  
Comes in kit form.

Art. no.	EAN CODE
7504614	8 711465 046145



## Electric control box

Watertight control box (IP66) with 6 power connections for pool devices and 2 time switch clocks allowing setting the filter and lighting times.  
Direct connection in the control box for

- Filter pump (with time switch clock, control via switch «AUTO / 0 / MAN»)
- Heat pump (permanent power supply)

Connections via sockets for

- Pool lighting (with time switch clock, control via switch «AUTO / 0 / MAN»)
- Robotclean pool cleaner (Control via switch «ON/OFF»)

Art. no.	EAN CODE
7514896	8 711465 148962

(the installation of the control box and the direct connections must be carried out by an authorised electrician!)



ROBOTCLEAN 1

ROBOTCLEAN 2

ROBOTCLEAN 3

ROBOTCLEAN Accu S

ROBOTCLEAN Accu XL

## Replacement brushes for pool cleaner Robotclean 1 and 2

Set of 2 pieces

Art. no.	EAN CODE
7534318	8 711465 343183



## Replacement filter bag for pool cleaner Robotclean 1 and 2

Set of 2 pieces

Art. no.	EAN CODE
7534319	8 711465 343190



## Replacement brush for pool cleaner Robotclean Accu S

1 piece

Art. no.	EAN CODE
7534390	8 711465 343909



## Replacement filter cartridge for pool cleaner Robotclean Accu S

1 piece

Art. no.	EAN CODE
7534388	8 711465 343886



## Replacement brushes (lamella brushes) for pool cleaner Robotclean 3

Set of 2 pieces  
- Material PVC  
- For liner Pools

Art. no.	EAN CODE
7534408	8 711465 344081



## Replacement brushes (foam rollers) for pool cleaner Robotclean 3 and Robotclean Accu XL

Set of 2 pieces  
- Material PVA  
- for tiled pools

Art. no.	EAN CODE
7505517	8 711465 055178



## Replacement brushes (lamella brushes) for pool cleaner Robotclean Accu XL

Set of 2 pieces  
- Material PVC  
- For liner Pools

Art. no.	EAN CODE
7534412	8 711465 344128



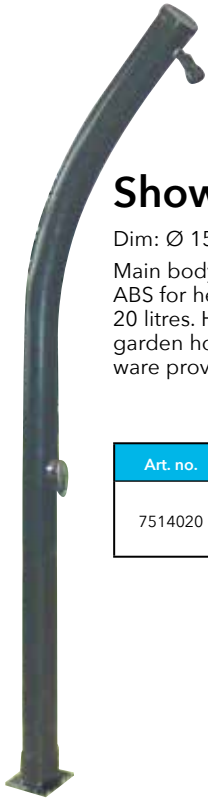
## Replacement filter cartridge for pool cleaner Robotclean 3 and Robotclean Accu XL

1 piece

Art. no.	EAN CODE
7534407	8 711465 344074







## Shower SOLARIS „PLUS“

Dim: Ø 15 cm - H: 208 cm, Foot: 16 x 16 cm  
Main body of shower consists of tube made of black ABS for heating the water on sunny days. Capacity 20 litres. Hot/cold water mixer. Connects directly to garden hose. Must be sealed to the ground (hardware provided))

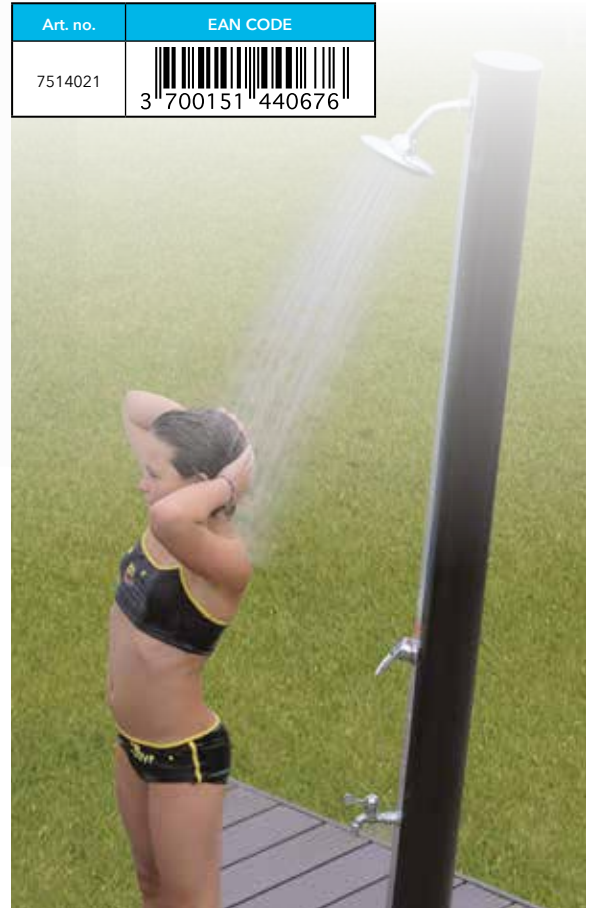
Art. no.	EAN CODE
7514020	3 700151 483857



## Shower SOLARIS „PREMIUM“

Dim: Ø 20 cm - H: 208 cm, Foot: 25 x 18 cm  
Main body of shower consists of tube made of black ABS for heating the water on sunny days. Capacity 35 litres. Hot/cold water mixer. Foot spray. Connects directly to garden hose. Must be sealed to the ground (hardware provided)

Art. no.	EAN CODE
7514021	3 700151 440676



## Shower SOLARIS „XTRA“

Dim: Ø 13 cm - H 220 cm, Foot: 14,5 x 22 cm  
"Foldable" showering pillar, comprising of black ABS tube, which enables the heating of the water by means of solar radiation.  
The "folding solution" enables space-saving and handy stowage of the shower when not in use. Easy connect system, fixing to the ground. Holding capacity 23 litres, mixer tap for warm and cold water as well as direct connection for the water hose. (Hardware included in delivery contents)

Art. no.	EAN CODE
7504625	8 711465 046251

## Shower SOLARIS „LUXE”

Dim: Ø 20 cm – H: 214 cm, foot 21 x 26 cm

Shower column made of a black ABS tube with silver-coloured application. The dark colour favours the heating of water through solar radiation. Capacity: 25 litres, swivel showerhead, mixer tap for hot/cold water and direct connection for the water hose (hardware included in the scope of delivery).



Art. no.	EAN CODE
7505521	8 711465 055215

## Shower SOLARIS „PREMIUM LED”

Dim: tube 16 x 15 cm – H 228 cm, base 16.8 x 16.8 cm

Shower column made of black aluminium, which enables the water to be heated by solar radiation. For installation in the ground (includes hardware for mounting). Capacity 35 litres, with mixer tap and foot shower. The shower head is equipped with a solar-powered LED light (PIR), which is activated via a motion sensor in the dark. Direct connection for water hose.

Art. no.	EAN CODE
7505505	8 711465 055055

