



Private and commercial pools

PROFESSIONAL CATALOGUE 2023

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ENJOY LOCAL, MINERALIZED BWT WATER

TO KEEP YOU, YOUR STAFF AND YOUR CUSTOMERS FIT - FOR THE NEXT POOL / PRODUCT - CHANGING THE WORLD - SIP BY SIP WITH BWT BOTTLE FREE ZONES



WELCOME TO BWT POOL PRODUCTS!

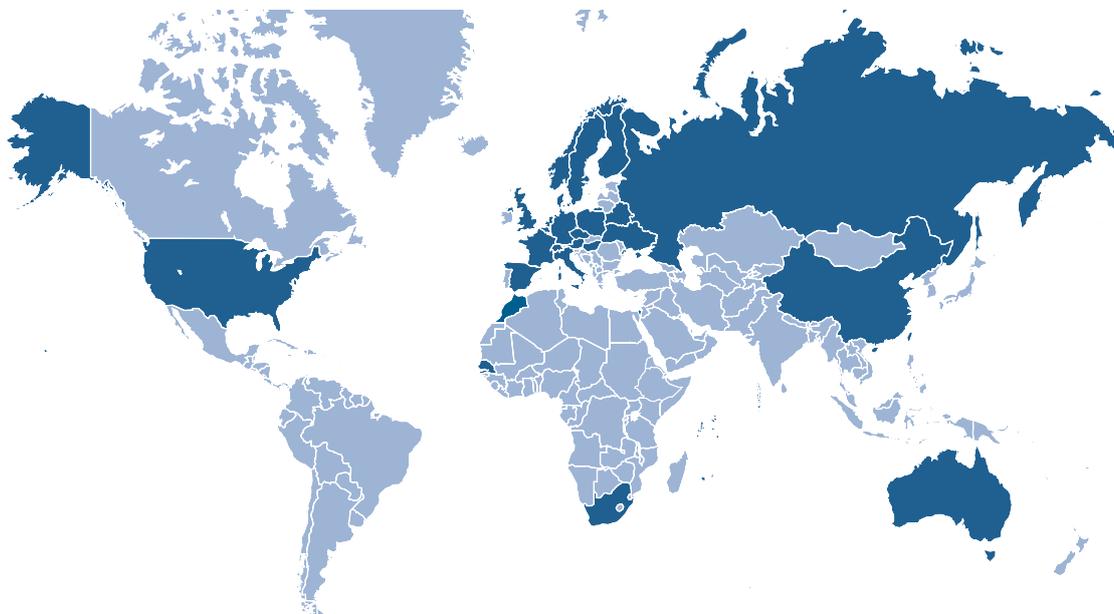
We are responsible for the development of the BWT Pool Group activities all over the world. Our growth strategy is based on the main pillars: Innovation, geographical expansion, strong focus on existing customers, markets and products.

Sustainability, social and ethical performances, executed via our motivated, experienced and highly committed team, drives us forward to make your business every day a little bit better – according to our name “Best Water Technology” – the heart of our pool products strategy. To support the world with the best performing, economically and ecologically optimised products and processes is main part of our DNA.

We are committed to all of you, to our customers, pool partners, innovators, producers, builders, distributors, dealers, service and business partners. We are dedicated to high performances, to make your business life as well as your customers' experiences outstanding, to create sustainable business relationships.

We are always @ your support. Let's develop the world together and make it every day a little bit better, according to our BWT's worldwide activity: CHANGE THE WORLD – SIP BY SIP.

WE WISH YOU A FABULOUS POOL SEASON WITH BWT POOL PRODUCTS!



■ BWT POOL PRODUCTS' worldwide presence



WATER IS OUR MISSION

*Water, essential for humanity
and for the planet*

25 Countries
of operation

5500 Employees

80 Subsidiaries
and partners



■ BWT Partner
companies
■ BWT Subsidiaries

24

Assembly sites

12

R&D centres

12

Factories



Million Euro turnover

The BWT Group, the European leader in water treatment, offers you its know-how and expertise, whether you are a design office, an installer, an industry professional, a manager of a collective facility or a private individual.

Our technologies and innovations can provide the right water treatment solutions for your needs, improving hygiene, safety and energy management, to protect human health and our environment.

BWT has an extensive product and service offer: filtration systems, water softeners, disinfection (UV, ozone, chlorine dioxide), scale protection, seawater desalination, reverse osmosis systems, production of purified water for the pharmaceutical industry, etc. All BWT products and processes are effective, economic and environmentally friendly.

AN ALLIANCE OF TALENT

Entrepreneurial spirit, passion for research and customer satisfaction make BWT the European water treatment leader. Bolstered by its success, Best Water technology is now aiming for international leadership. And because together we are stronger, BWT is delighted to welcome new partners such as Procopi (pool equipment manufacturer) into the group.

BWT - FOR YOU AND PLANET BLUE

Our "For you and planet blue" signature is the expression of the essence of BWT's mission: to act responsibly, to meet the expectations of everyone while protecting our planet, because it is our only home.

OUR SLOGAN

"For you"

Illustrates our goals to provide products focused on people, our customers, our business partners and our employees, and their needs.

"Planet Blue"

Underscores the central role that water plays on our "blue planet", and also the role which BWT plays in this context. We use our know-how to treat the limited water reserves of our planet to make this resource usable for humankind – always in harmony with nature.

OUR COMMITMENTS



With its sustainable products and technologies, BWT is proud to do its part in protecting the most precious resource on our planet: water. Both our slogan "For You and Planet Blue", and our recently defined strategy "BWT Innovations4Future" perfectly encapsulate our mission.



PERFORMANCE

Guarantee the performance of our equipment by making innovation and flexibility points of honour..

EXPERTISE

Offer our customers our singular expertise, the result of our unrivalled know-how built up over many years.



TRUST

Build relationships of trust within our teams and with our customers by providing local support and ensuring accessibility.





RESPONSIBILITY

Behave responsibly and help our clients control their impact on the environment by supporting them with custom designed solutions.

CREATE A SUSTAINABLE WATER SUPPLY - B.WATERMISSION

BWT's AQUA PEARLS foundation was created to foster projects that help provide people across the globe with sustainable, maintainable, local access to clean drinking water.

The BWT B.water mission, a project sponsored by BWT's AQUA PEARLS foundation, is rooted in creating reliable, sustainable water sources in Africa, the goal being to build as many wells as possible.



INVEST IN TECHNOLOGY FOR THE FUTURE OF ENERGY PRODUCTION

For over two decades, the BWT Group has attached particular importance to investment in membrane technology in order to support the development of clean, green Hydrogen-based energy.

Membranes are manufactured by BWT for use in water treatment systems, to produce clean, hygienic water. They can also be used in fuel cells to generate and store energy.

PRIORITISE LOCALLY SOURCED WATER - BOTTLE FREE ZONES

Whether in the home, at the office, in hotels or restaurants, even in public access areas, BWT offers a variety of solutions to create "Bottle Free Zones" .



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BWT, ONE OF 50 SUSTAINABILITY & CLIMATE LEADERS

Change the world, sip by sip, or in other words, little by little! This is the ambition of the BWT GROUP, articulated around 3 areas of focus: visibility of our Drinking Water activity and the BOTTLE FREE ZONE initiative, social and environmental responsibility, and investment in R&D and the technologies of the future.



PRIORITISE LOCALLY SOURCED WATER

BWT's goal is to provide the best quality, purest water to all its users.

The BWT BOTTLE FREE ZONE movement aims to provide access to delicious drinking water while limiting the production and transportation of single use plastic bottles all around the world. By installing Bottle Free Zone zones everywhere possible, BWT offers an alternative solution to plastic.



Together, let's
protect our planet
with the Bottle Free
Zone movement



PLASTIC PLANET

Every day, we produce tons of plastic waste that pollutes our blue planet, let alone the disastrous Carbon footprint generated by the production and transport of plastic products. Worse, scientific research has shown that microplastics have even found their way into our own bodies. This should be enough to make us think about changing the way we consume and to limit our use of single use plastics.

MULTI-MARKET EXPERTISE

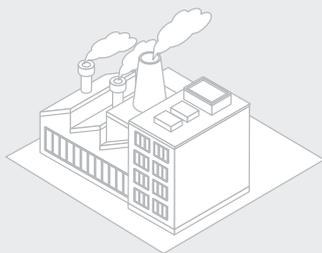
Anywhere there is water, you will find BWT: providing solutions for water at home, in buildings, for industry and the hospitality/catering sector.



WATER FOR INDUSTRY

INDUSTRIES

- Agri-food
- Pharmaceutical
- Cosmetic
- Energy
- Electronics
- etc.



+ 4,500

service contracts per year in industry

BWT is active in every sector of activity, at every step in the industrial water cycle. From the initial audit to the identification of areas for improvement, through manufacturing and qualification, the company offers a 360° full service package: materials, products and services.



- » **Maximise sanitary safety and ensure a long-service life for equipment and processes.**
- » **Reduce our environmental impact and optimise industrial performance.**

- Potable water
- Process water
- Utilities water
- Effluent



WATER AT HOME

DOMESTIC ENVIRONMENT

- Individual homes and the world of privately owned pools and spas.



41,000

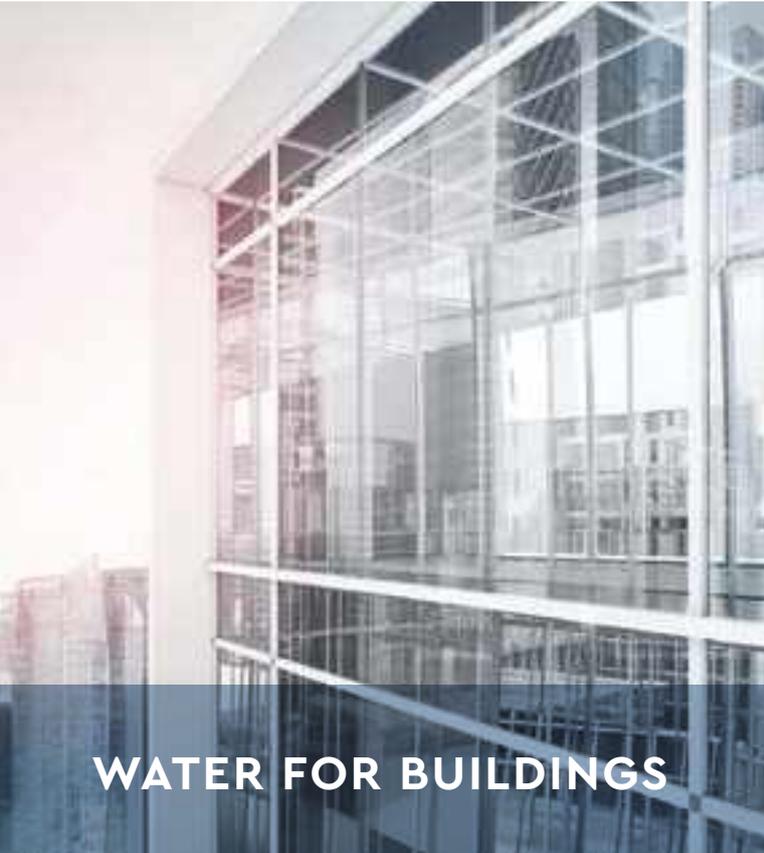
water softeners made in France for private homes

BWT offers water treatment solutions to trades-people, plumbers, heating installers, pool builders and other distribution channels to solve all the issues associated with water in the home.



- » » **Deliver protection, comfort and savings for private individuals.**

- Domestic cold water
- HVAC water
- Drinking water
- The pool world (pools, filtration, water treatment and maintenance equipment)



WATER FOR BUILDINGS

TERTIARY/ COLLECTIVE MARKET

- Hospitals
- Schools
- Offices
- Multi-family buildings,
- etc.



50,000

installations with a service agreement on the public/ commercial

BWT offers design offices, project managers and contractors tailored support at each phase of the life cycle of public and commercial buildings and healthcare facilities and treatment centres.



- » **To guarantee water quality in the building for the comfort and safety of users.**
- » **To ensure the long-term operability of the installations and the best energy performance.**
 - General cold water
 - Domestic hot water
 - Drinking water
 - HVAC water
 - Swimming pool and spa filtration
 - Pools in communal settings
 - Drinking fountains in communal areas



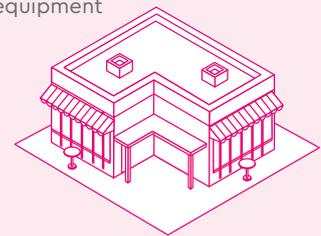
WATER FOR HOTELS AND RESTAURANTS

HOSPITALITY, CATERING, CAFÉ MARKET

- Coffee roasters
- Manufacturers of catering equipment
- Brewers
- etc.

300 000

devices installed



BWT Water & More is the specialist in point of use water treatment for professionals in the catering and drink vending industry. BWT is also active in the hospitality sector for water treatment.



- » **Offer reliable protection against limescale using conventional filters, guaranteeing the elimination of compounds that cause unpleasant tastes and transforming raw water into potable water by passing it through unique filtration systems.**
 - Water for coffee machines
 - Water for kitchen equipment (ovens, dishwashers, ice machines, etc.)
 - Water for vending machines
 - Water for drinking fountains and water networks
 - The hotel swimming pool world

NEW IN 2023



BLOKIT SYSTEM

- Designed to last
- Modular shuttering
- Water 3° to 5° C warmer



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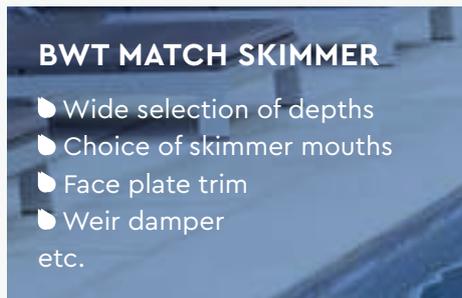


BWT SUNPOOL

- Variety of sizes
- Pleasantly affordable
- Made in France



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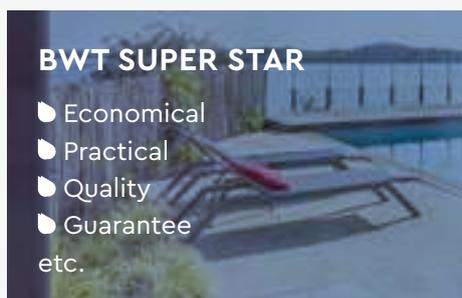


BWT MATCH SKIMMER

- Wide selection of depths
- Choice of skimmer mouths
- Face plate trim
- Weir damper etc.



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BWT SUPER STAR

- Economical
- Practical
- Quality
- Guarantee etc.



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SUPERLINER V2F 0.85 MM - NEW PATTERN:

- Green Bazalt – patterned
- Green Bazalt – frieze supplement



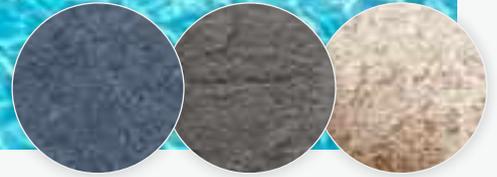
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NEW IN 2023

AQUALINER 0.75 MM - NEW PATTERNS:

- Granite blue
- Black slate
- Granite beige

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ALKORPLAN

- Vogue tropical

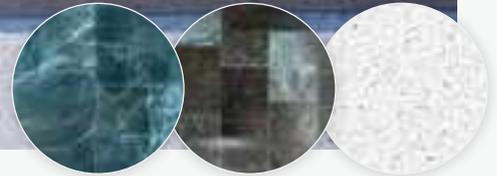
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AQUASENSE - NEW PATTERNS:

- Brown Bazalt
- Green Bazalt
- White riviera

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ALKORPLAN RELIEF

- White, beige, light blue, adriatic blue, caribbean green, grey, dark grey

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BWT PEARL PROTECT

- Quick installation
- Reliable end of travel system
- Visual appeal/ Refined design etc.

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NEW IN 2023

BWT AQUAMATIC

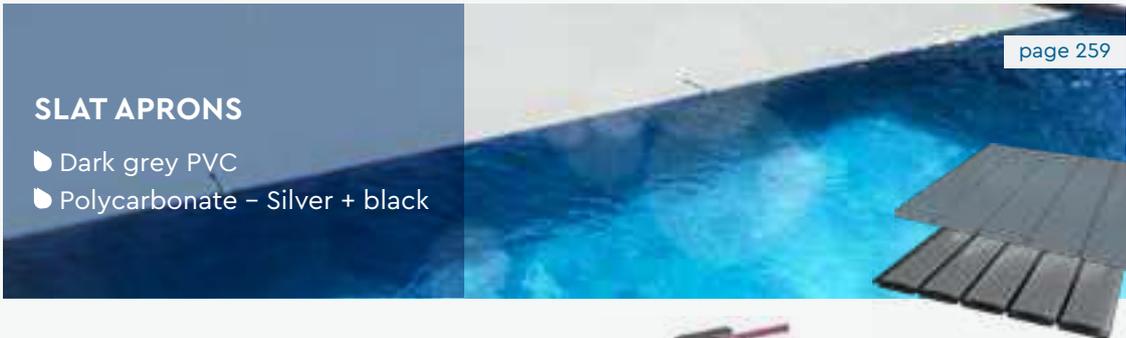
- Affordable model
- Small footprint end stands (160mmx120mm)
- Mechanical ends of travel etc.



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SLAT APRONS

- Dark grey PVC
- Polycarbonate – Silver + black



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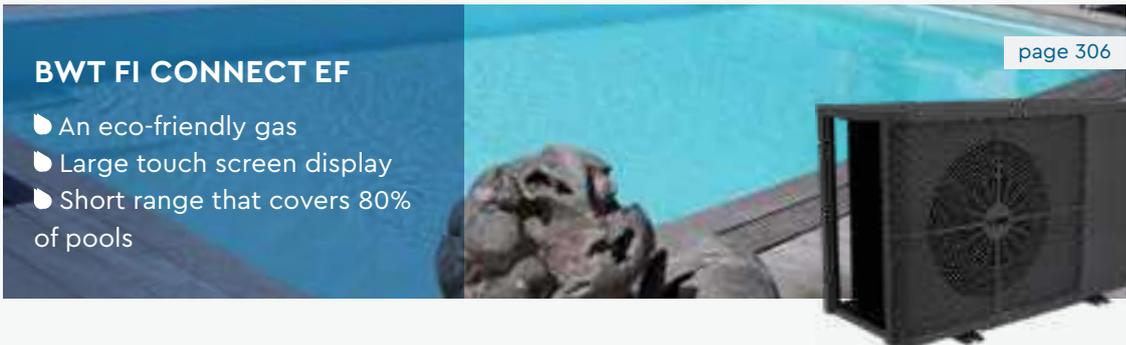
POOL FITTINGS STARDECK AX-IN SEALED-IN MOUNTING UNITS FOR INEO AND INEO AX-IN BEAMS



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BWT FI CONNECT EF

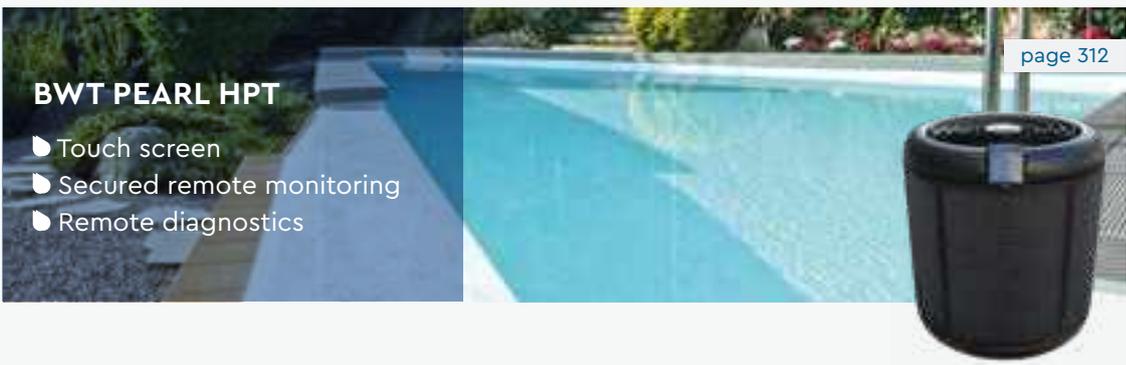
- An eco-friendly gas
- Large touch screen display
- Short range that covers 80% of pools



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BWT PEARL HPT

- Touch screen
- Secured remote monitoring
- Remote diagnostics



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NEW IN 2023

BWT INVERTER CONNECT

- ▶ Customisable front panel and lid
- ▶ FULL INVERTER technology

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BWT MINI CONNECT

- ▶ Very small footprint
- ▶ Ideal for small pools
- ▶ Easy to install

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AUTOMATIC REGULATION

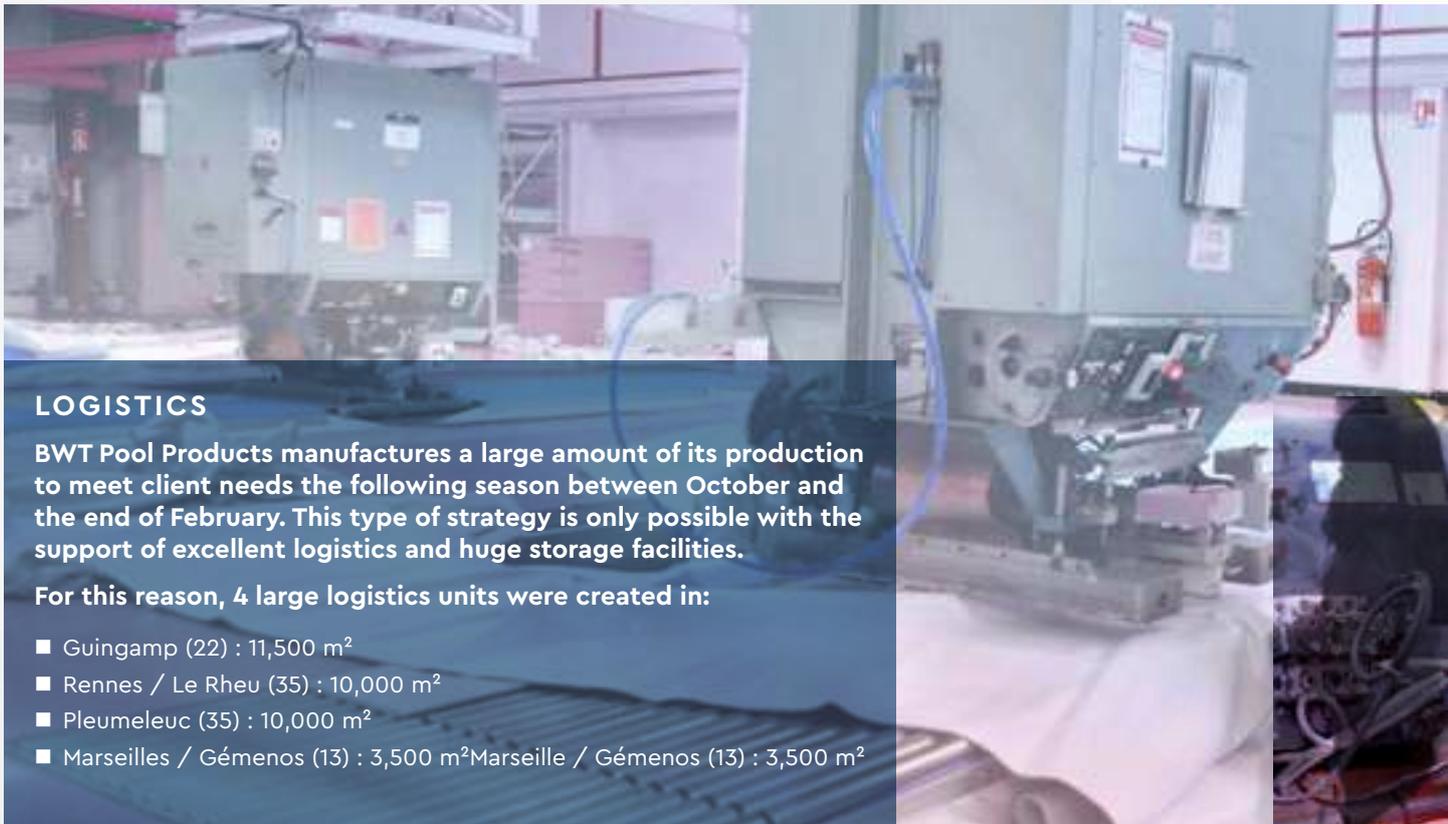
- ▶ BWT EasyDose
- ▶ BWT Manager Connect
- ▶ BWT Manager Connect Duo

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BWT POOL PRODUCTS

**3 factories in Brittany
in Northern France**



LOGISTICS

BWT Pool Products manufactures a large amount of its production to meet client needs the following season between October and the end of February. This type of strategy is only possible with the support of excellent logistics and huge storage facilities.

For this reason, 4 large logistics units were created in:

- Guingamp (22) : 11,500 m²
- Rennes / Le Rheu (35) : 10,000 m²
- Pleumeleuc (35) : 10,000 m²
- Marseilles / Gémenos (13) : 3,500 m² / Marseille / Gémenos (13) : 3,500 m²

FACTORIES

UP-22 GUINGAMP - FRANCE

The UP-22 factory located in Guingamp (France) operates round the clock using processes based around thermoplastic extrusion and injection techniques.

BWT Pool Products is the only French company on the market to make its own injection moulds and inject its own PVC and ABS parts in a factory equipped with 9 injection presses (between 55 and 1,500 metric tons) all fitted with demoulding robots.

This factory specialises in the manufacture of:

- Pool fittings,
- Automatic covers.
- BWT Pool Products is also the only French manufacturer of automatic covers to extrude the PVC slats that make up the automatic cover aprons in its own factory.

UP-35 A LE RHEU - FRANCE

The UP-35A factory is located in Le Rheu, near Rennes (France) and occupies 10,000 m² of buildings. This factory specialises in the transformation of soft plastics (PVC-P, Pe).

It contains 2 computer assisted cutting machines (Lectra), 10 pit-installed high frequency welding machines and 5 thermal welding and ultrasonic welding machines.

This factory specialises the manufacture of:

- Superliner and Aqualiner,
- Bar covers: Mambo, Calypso and CBE-650,
- Winter covers,
- Bubble covers.



UP-35 B PLEUMELEUC - FRANCE

The UP-35B factory is located in Pleumeleuc, close to Rennes (France), housed in 10,000 m² of buildings.

This factory, that specialises in the low pressure injection of composite materials and thermoforming, is responsible for the manufacture of:

- RTM sand filters, polyester filters, low pressure injection products,
- Python sand filters, polyester filters, bobbin-wound products,
- M.P.I. and M.Z.I. heat pumps,
- Heat exchangers,
- Electrical panels: Swimline and SR-Light,
- Motorisation systems for automatic covers.

For commercial pools

- Python Polar filters,
- Electrical panels,
- Commercial spas.

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Export

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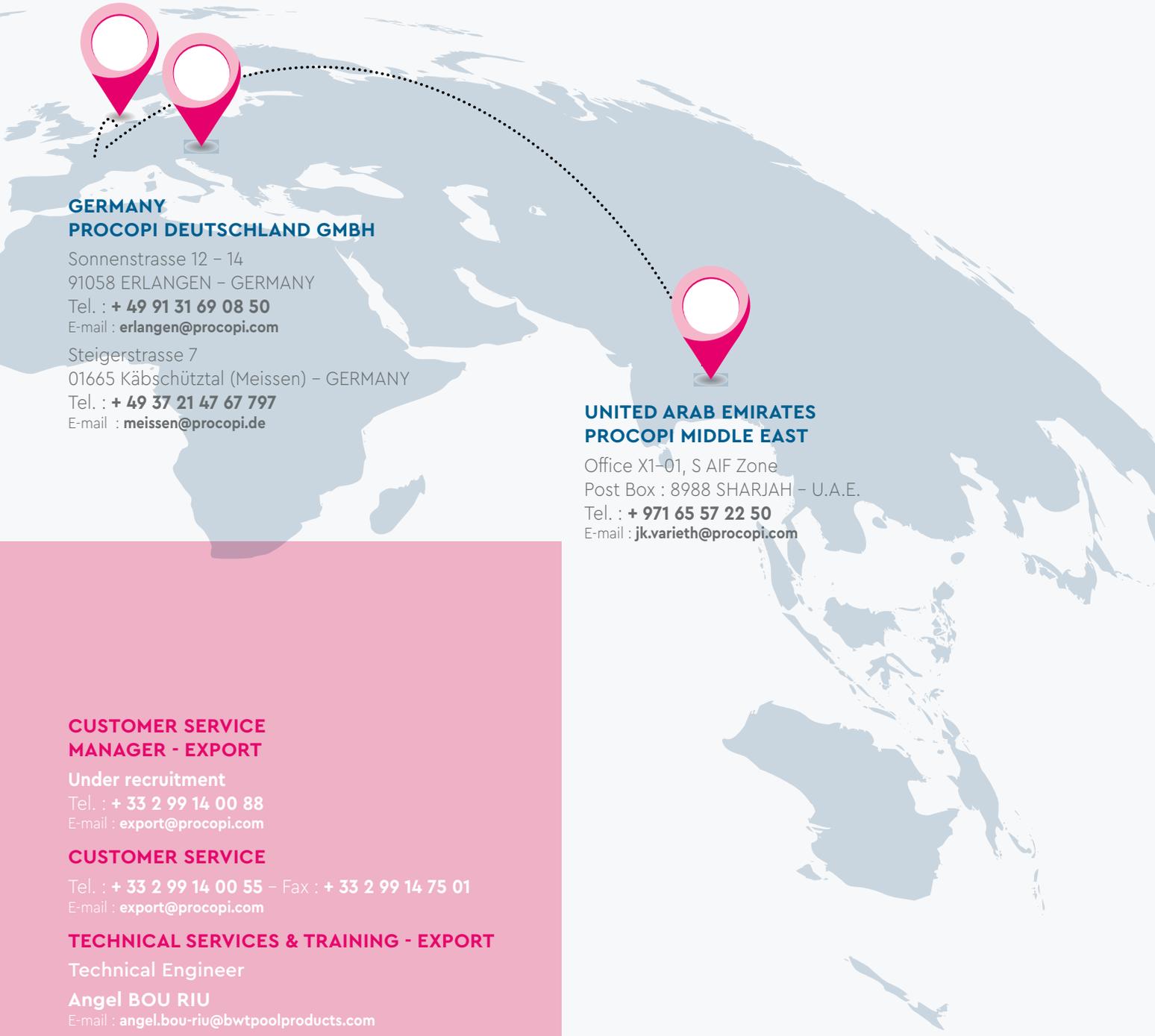
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TECHNICAL SERVICES & TRAINING - EXPORT

Technical Engineer

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EXPERT & TECHNICAL

training

EXPERT TRAINING

HYDRAULIC

- Correctly size the hydraulic circuit for a pool
- Understand the importance of hydraulic optimisation
- Learn about the standards applicable to Private and Commercial pools

WATER TREATMENT

- Perform water analysis and recommend water treatment products
- Learn about water treatment equipment
- Understand the water calcium carbonate balance

AUTOMATIC COVERS

- installation, commissioning and repair
- civil engineering before installing a cover

TECHNICAL TRAINING

REINFORCED MEMBRANES

- Learn how to weld a membrane – simple shape, flat bottom pool
- Learn how to weld a simple shaped step

REDOX REGULATION

- Training in the installation, operation and repair of a Redox regulation system
- Amperometric regulation
- Training in the installation, operation and repair of an amperometric regulation system
- EES PRO electrolyser

PROFESSIONAL TRAINING

During the year, the BWT Pool Products company offers technical training to its professional clients.

Expert Training sessions are held in its training centres in the agencies in Trappes and Rennes (France).

Technical training sessions are offered in all of BWT Pool Products agencies.

Customers are advised of the training schedule in advance.

CONTACT YOUR AGENCY FOR FURTHER INFORMATION



**LEARN HOW TO WELD
A REINFORCED
MEMBRANE ON A SIMPLE
SHAPED FLAT BOTTOM
POOL**



**CORRECTLY SIZE
THE HYDRAULIC
CIRCUIT FOR A POOL**



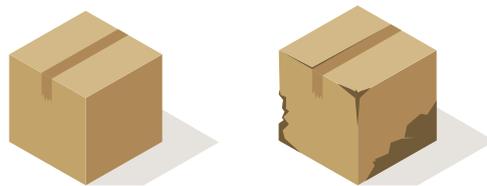
**UNDERSTAND
THE PRINCIPLES
OF WATER TREATMENT**



PROPER RECEPTION OF A DELIVERY

Whether or not the package is damaged, take the time to check the contents

The package should always be opened in front of the carrier, and the condition of the material delivered should be checked.



In the event that the carrier refuses to wait until the goods are fully unpacked, this should be clearly indicated on the delivery slip before it is signed.

Possible scenarios:



*Issue detailed reservations

All anomalies observed (missing, broken or damaged items) must be recorded as reservations, signed and stamped, upon receipt of the delivery.

Be careful, reservations concerning only the packaging (package wet, packaging damaged or torn, or subject to unpacking) are not accepted by carriers, the damage to the items must be clearly and precisely described.

Examples :

- Lateral casing of the heat pump damaged,
- Filter support broken.

If no reservations are issued, the product is understood to have been accepted as delivered by the addressee, no subsequent claims will be accepted.





CONVERSION TABLE

LENGTH	m	in	ft	
Metre (m)	1	39.37	3.281	-
Inch (in)	0.025	1	0.083	-
Foot (ft)	0.305	12	1	-
SURFACE AREA	m²	in²	ft²	cm²
Square metres (m ²)	1	1 550	10.764	10 000
Square inches (in ²)	0.000645	1	0.0069	6.45
Square feet (ft ²)	0.093	144.036	1	929.03
Square centimetre (cm ²)	0.0001	0.155	0.00107	1
VOLUME	m³	UK gal	US gal	l
Cubic metre (m ³)	1	219.969	264.172	1 000
Imperial gallon (UK gal)	0.0045	1	1.201	4.546
US gallon (US gal)	0.0038	0.833	1	3.785
Litre (l)	0.001	0.220	0.264	1
SPEED	m/s	in/s	ft/s	m/h
Metres/second (m/s)	1	39.37	3.281	3 600
Inches/second (in/s)	0.025	1	0.083	91.44
Feet/second (ft/s)	0.305	12	1	1 097.28
Metres/hour (m/h)	0.00028	0.011	0.00091	1
FILTRATION RATE	m³/m².h	US gal/ft².min	UK gal/ft².min	ft³/ft².min
(m ³ /m ² .h)	1	0.409	0.341	0.055
(US gal/ft ² .min)	2.445	1	0.833	0.134
(UK gal/ft ² .min)	2.936	1.201	1	0.158
(ft ³ /ft ² .min)	18.322	7.474	6.311	1
WEIGHT	kg	g	lb	
kilogram (kg)	1	1 000	2.205	-
Gram (g)	0.001	1	0.0022	-
Pound (lb)	0.454	453.59	1	-
PRESSURE	Pa	bar	mCE	psi
Pascal (Pa)	1	0.00001	0.000102	0.00014
Bar (bar)	100 000	1	10.197	14.504
Metres of water column (mWC)	9 806.38	0.0981	1	1.422
Pound/Square inch (psi)	6 894.76	0.0689	0.703	1
ENERGY	J	kWh	cal	kcal
Joule (J)	1	0.000000277	0.239	0.00024
Kilowatt hour (kWh)	3 600 000	1	859 845	859.845
Calorie (cal)	4.186	0.00000116	1	0.001
Kilocalorie (kcal)	4 186	0.0012	1 000	1
POWER	kW	HP	BTU/h	
Kilowatt (kW)	1	1.341	3 412.14	-
Horse power (HP)	0.746	1	2 544.43	-
British Thermal Unit/hour (BTU/h)	0.00029	0.00039	1	-
FLOW RATE	m³/h	UK gall/min	US gall/min	l/s
Cubic metres /hour (m ³ /h)	1	3.667	4.403	0.278
UK gallon/minute (UK gall/min)	0.273	1	1.201	0.0758
US gallon/minute (US gall/min)	0.227	0.833	1	0.0631
Litres/second (l/s)	3.6	13.198	15.85	1
TEMPERATURE	°C	°F	K	
Degree Celsius (°C)	1	[(9/5)×°C]+32	°C+273.16	-
Fahrenheit (°F)	(5/9)×(°F-32)	1	n.a	-
Kelvin (K)	K-273.16	n.a	1v	-





Sustainable development
Hydraulic optimisation
Energy savings

A HELPING HAND

with your projects

THE BETECH - BUREAU D'ÉTUDES TECHNIQUES (DESIGN OFFICE)

The BeTech drafts customised studie that comply with the standards in effect.

PRIVATE POOLS - COMMERCIAL POOLS - SPAS STUDIES IN HYDRAULICS, HEATING, DEHUMIDIFICATION, WATERPROOFING MEMBRANES, FILTRATION, INTEGRATED CLEANING, ETC.

BWT Pool Products offers the technical means and know-how you need to position yourself, risk-free, on the commercial pool market.

BWT Pool Products provides everything you need to build a commercial pool. Every component of the installation complies with the specific restrictions currently imposed by French regulations concerning commercial installations: filtration systems, pumps, water

treatment systems, electrical equipment, plumbing and other accessories.

BWT Pool Products has developed its own range of sand filters specifically for commercial installations: Python Polar filters.

These bobbin-wound filters are the reference for commercial pools



Contact your sales agency for more information about our studies.

Contact our design office
+ 33 2 99 61 24 64
or by e-mail : betech@procopi.com

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A question on a price? a lead time?

PRICES, STOCK LEVELS, LEAD TIMES, ORDERS



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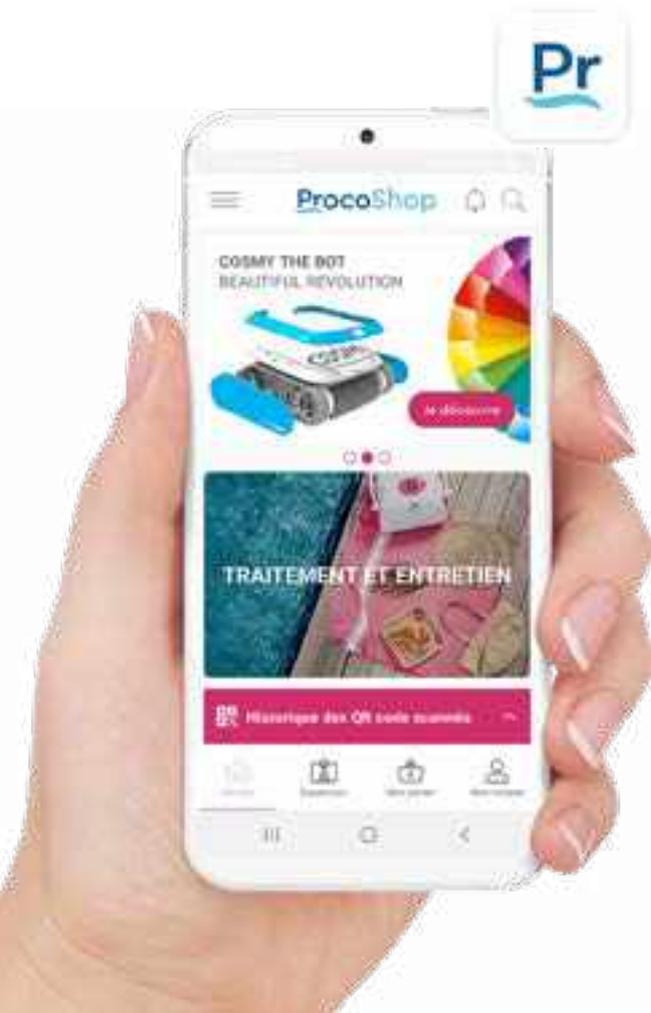
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PRO SPACE | PRIVATE POOL CONFIGURATION TOOL | HEATING STUDIES

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Fast access
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DIGITAL SERVICES

Capitalise on BWT's notoriety

BWT.FR

Participate in the development of the BWT brand and grow your business with BWT's professional offer on the bwt.fr internet site!

PROCOSHOP

Centralises all the services, information and tools designed for pool professionals, head to your Pro space.

BWT PARTNERS

Establish yourself as the benchmark in water treatment in your sector. More than just a loyalty programme, BWT PARTNERS aims to develop your skill set and your profile so that you can become recognised as an expert in water in your sector.

- Customised marketing tools
- Exclusive services
- Professional perks and participation in events



ProcoShop

expert tools at your fingertips

PRIVATE POOL CONFIGURATION TOOL

Draft an optimised private pool project in just 3 minutes!

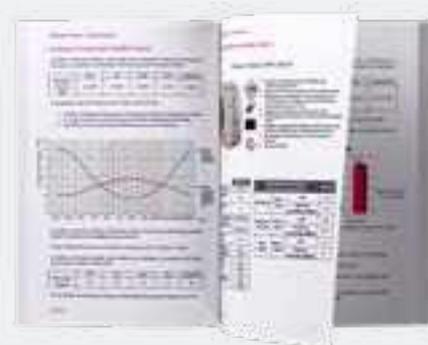
HEATING AND DEHUMIDIFICATION STUDY

Developed in partnership with the CSTB (Centre Scientifique et Technique du Bâtiment- French centre for building science and building technologies), in just a few clicks this tool generates customised heating and/ or dehumidification solutions for your clients.

- Powerful calculation core developed by the CSTB
- A customised Heating Study document intended for your client

LABELSOFT

A professional water testing station.



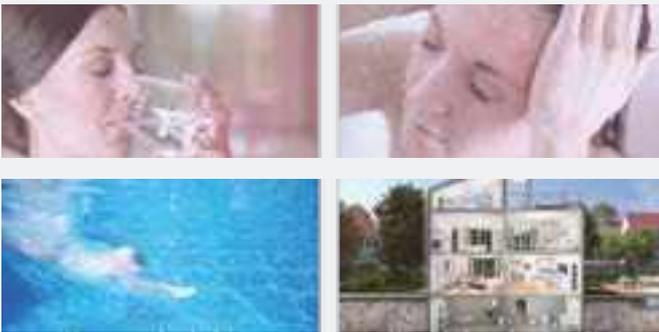
AQUASOFT

Quotes, estimates, orders: BWT covers, liners, pool structures, etc. You can view pool customisation options, combining liner, pool fittings and automatic cover colour choices.

OUR OBJECTIVES

Continue to increase our visibility.
Be recognised as the preferred brand for all water at home !

SPONSORING TV & REPLAY



A clear, simple, effective ad that benefits comprehension and promotes the brand.



OBJECTIVE
increase
recognition
via TV ads

DIGITAL CAMPAIGNS

Throughout the year



OBJECTIVES
Leads and
increase
visibility

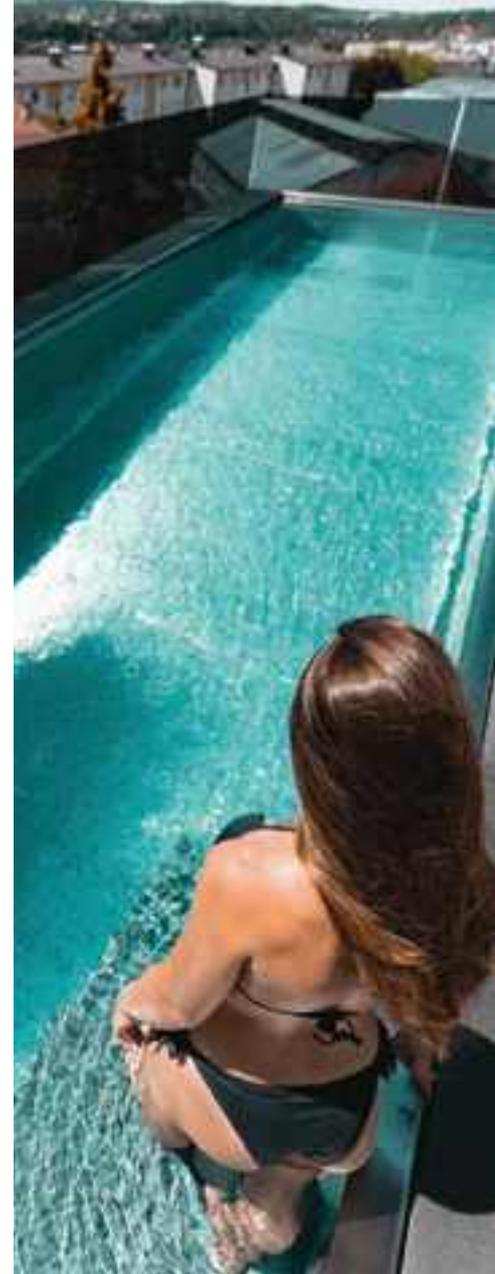
AD CAMPAIGNS

Mainstream press



OBJECTIVE
Increase
visibility

Visibility - Brand awareness



GASSNER

— EDELSTAHLPOOLS —

IN PERFECTION!

www.edelstahl-pool.at



ARCHITECTURAL, SUSTAINABLE AND TIMELESSLY DURABLE

WITH LOVE TO THE DETAIL

For more than 50 years, the Gassner company has been inspiring customers with individual, high-quality solutions and exceptional design in the field of stainless-steel pools. The company also operates other business areas such as contract manufacturing and the production of elements for traffic engineering.

A team of nearly 60 employees has developed Gassner into an established company in the swimming pool industry. On a production area of around 4000 m², supported by state-of-the-art CNC technology, Gassner manufactures high-quality stainless-steel pools.

More than 40 years of experience in the processing of stainless steel and 20 years in swimming pool construction in combination with new ideas and developments, ensure constant innovation and the best quality.

BENEFITS:

- » durably tight
- » installation parts permanently welded in tightly (no seals)
- » round transition between side wall and floor
- » individual studding on the tread surfaces and on the pelvic floor
- » resistant to temperature fluctuations and UV radiation
- » additional water heating due to reflections of the stainless steel
- » smooth non-porous surface
- » material remains machinable, retrofitting
- » simplest cleaning and care, optimal hygiene
- » sustainability due to maximum service life
- » exclusive and timeless look, suitable for all architectural styles
- » customizable in form and design

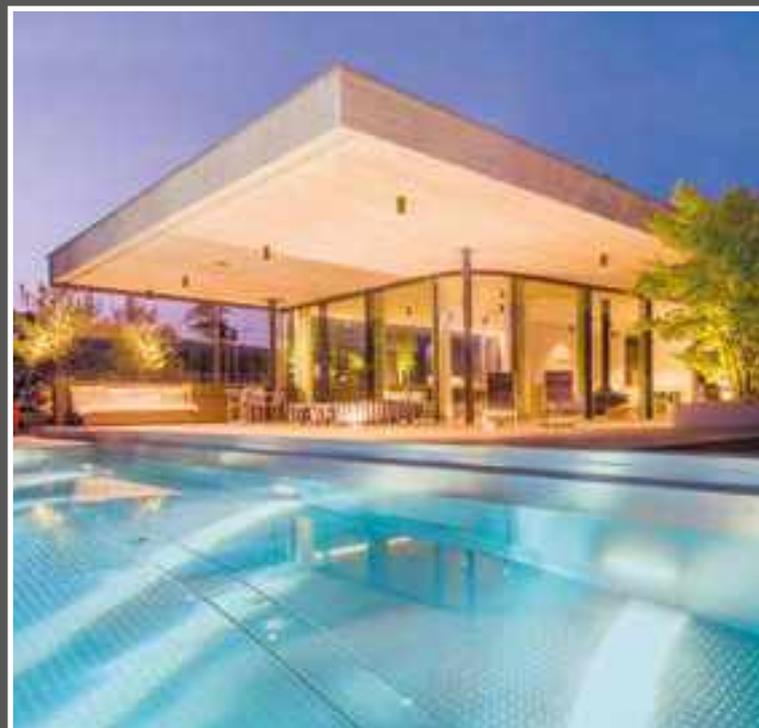
ATTRACTIONS:

As individual as the design of the pool, there are no limits in adapting these to the client's requirement.



- 1 Air Jet Massage Recliner
- 2 Pipe Bench
- 3 Wave Reflection Edge

- 4 Flush Components
- 5 Cantilever Steps
- 6 Water Curtain Shower



01

PRE-FABRICATED STRUCTURES

Complies with the following standards:

Directive 2014/35/EU: the Low Voltage directive

Directive 2014/30/EC: the Electromagnetic Compatibility directive.

Directive 2011/65/EU, the RoHS 2 directive: The reduction of Hazardous Substances directive. electric and electronic devices.

EN 60335-1 May 2013: Safety of household and similar electrical appliances General requirements

EN 60335-2-60 +A1+A2+A11+A12 dated July 2010: Household appliances. Regulations specific to spas.

NF EN 55014-1 + A2, February 2012: Electromagnetic compatibility. Part 1, Emission

NF EN 55014-2 + A2, January 2009: Electromagnetic compatibility. Part 2, Immunity



- 34** BLOKIT SYSTEM
- 38** BWT SUNPOOL
- 42** PARADIS BLEU POOL KITS
- 45** PARADIS BLEU POOLS FREE STYLE



PURE INDULGENCE AND A SOUND INVESTMENT !

Blokit System
Strong and simple,
LIKE ALL THE BEST IDEAS



BLOKIT®SYSTEM POOLS ARE MADE OF REINFORCED CONCRETE.

Introduce colour into your pool by coordinating your pool fittings, liner and automatic cover.



MODULAR FORMWORK SETS

Modular formwork sets BLOKIT®SYSTEM apart . The formwork can be put together much more easily, much faster and much more cleanly than conventional formwork.

This reduces the impact on your garden and shortens the time required to build your pool.

BLOKIT®SYSTEM modules are designed and manufactured in accordance with the most stringent industrial standards. It is a quality product.

THE RIGHT SOLUTION FOR ALL YOUR NEEDS

With BLOKIT®SYSTEM, you improve your social status, indulge yourself and your family, and you increase the value of your home.

Choisissez la couleur dans votre piscine en harmonisant vos pièces à sceller, votre liner et votre couverture automatique.

**BETWEEN 3° AND 5° WARMER
IN A BLOKIT®SYSTEM POOL THAN
IN A CONVENTIONAL POOL.**

Three advantages in one ingenious concept.

WITH BLOKIT®SYSTEM



BLOKIT SYSTEM DESIGNED TO LAST :

In addition to being exceptionally strong, BLOKIT®SYSTEM pools are protected by the two thick, thermally insulating walls of the formwork modules.

There is an insulating layer between the water and the concrete wall, and another between the concrete wall and the earth.

This produces a Thermos effect that keeps the pool a few degrees warmer than an ordinary pool.

BOTH A FORMWORK BLOCK AND A THERMALLY INSULATED BOX: A SIMPLE, CLEVER DESIGN.



Delta MS drainage membrane



- 1** Modular, lightweight formwork that fits together rapidly
fewer complications, less work.
- 2** Effective thermal insulation:
warmer water
- 3** Smooth inner surfaces:
the pool walls look flawless, even lit by the unforgiving underwater pool lights.

The strength of concrete harnessed in free form pool shapes and floors !

THE SHAPES

POOL SHAPES

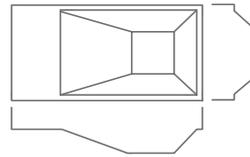


Rectangular

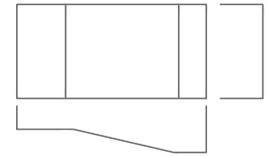
FLOOR CONTOUR



Flat base



Wedge shaped base



Sloped base

STEPS BUILT INTO THE STRUCTURE

Steps can be integrated into the main structure of the pool so they are completely encircled. This technique guarantees the mechanical strength of the construction.

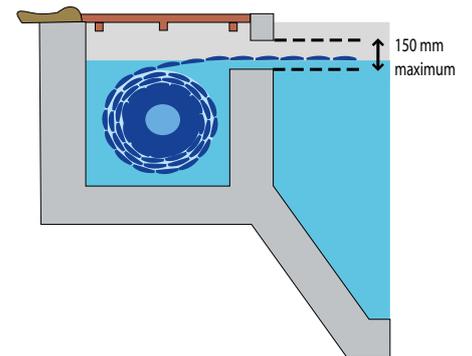
Straight steps, corner steps... steps embellish and enhance your pool, the choice is yours.



COVER PITS FOR AUTOMATIC COVERS



The cover pit structure includes the additional modules and aluminium rails required to create a pit wall, the two sides and the corner guards for the top of the wall. Automatic cover pits cannot be sold separately and delivered independently of the pool.



Cover pits	Height 1.06 m	Height 1.50 m
	Code	Code
4 metres	3291000	3291100
5 metres	3292000	3292100
6 metres	3293000	3293100

BLOKIT FREE STYLE

Family 10000

Code	Description
3300200	Straight Blokit module, length 1.50 m - H = 0.27 m
3300215	Straight Blokit module, length 1.50 m - H = 0.15 m
3301000	Straight Blokit module, length 0.50 m - H = 0.27 m
3301015	Straight Blokit module, length 0.50 m - H = 0.15 m
3320200	Straight Blokit module, cut-out, length 1.50 m - H = 0.27 m
3320400	Straight Blokit module, cut-out, length 1.25 m - H = 0.27 m
3320600	Straight Blokit module, cut-out, length 1.00 m - H = 0.27 m
3320800	Straight Blokit module, cut-out, length 0.75 m - H = 0.27 m
3321000	Straight Blokit module, cut-out, length 0.50 m - H = 0.27 m
3321200	Straight Blokit module, cut-out, length 0.25 m - H = 0.27 m



Code	Description	Packaging
3370200	Blokit 0.80 corner finish	per unit
3370400	Blokit stair nosing	per m
1 3350200	PVC Hung track, rear hook, width 100mm, 2 m length	per unit
2 3350400	Hung PVC corner piece with 100 mm cut away, width 100 mm, rear hook	per unit
3 3350500	ALU Hung track, rear hook, width 100mm, 2 m length	per unit
3350700	Hung ALU corner piece with 100 mm cut away, width 100 mm, rear hook	per unit
1821860	Biotex 550 60m ² , per 40m roll, width 1.5 m	per roll
1821870	Biotex 550 80m ² , per 40m roll, width 2.0 m	per roll
4 3360910	Underlay felt glue	20 kg pot
5 1822100	Biocol glue	5 kg pot
6 3360650	Delta MS height 1.50 m, 20 m roll	per unit
3360750	Delta MS height 2.00 m, 20 m roll	per unit
3340200	Wedge to create right angle	per unit



CONTACT YOUR AGENCY FOR A QUOTE



Mirror pools

FOR EVERYONE

A REFLECTION OF YOUR LIFESTYLE

Are you looking for harmony, style and elegance? Do you dream of a peaceful, luxurious, relaxing pool? Then BWT SUNPOOL is made for you.



An undeniable visual lift, ease of implementation, affordability, made in France...BWT SUNPOOL offers everything you dreamed of, and more!

Your outdoor area takes on a whole new dimension, harmonious and serene. The mirror effect creates a Zen-like feel that promotes relaxation. Life becomes less hectic and your home is transformed into a rejuvenating oasis of tranquillity.

*The perfect blend
of beauty and
intelligence !*



Looking for simplicity?

Opt for BWT's ready-to-assemble
modules made of expanded
polystyrene



CAPTIVATING VIEWS

With the BWT SUNPOOL the water level is flush with the deck. A seemingly uninterrupted linear perspective blurs the boundaries of the pool and creates a stunning sense of expansiveness

Regardless of its size, the pool seems larger.

CLEAN LINES

Perfect geometry, an elegant profile, carefully selected materials... When it comes to style, the BWT SUNPOOL has it all. Rectangular or square, it adds a touch of elegance, refinement and modernity to your outdoor area.



Magnificent mirror pool



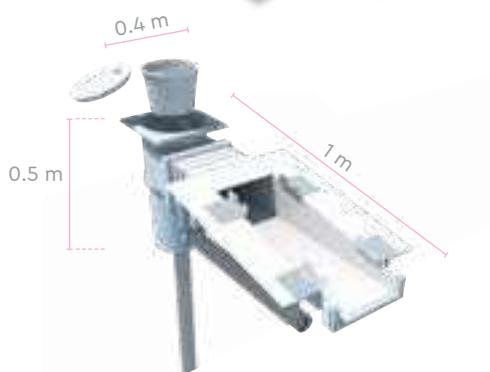
- Pool water level flush with the deck.
- Cleverly designed, simple, ready-to-use construction system.
- Colour matched skimmer and coping, available in light grey white or beige.



FEATURES

Thanks to its cleverly designed, simple, ready-to-use construction system, BWT SUNPOOL is quick and easy to install.

- simple hydraulic network,
- inclined skimmer surface,
- wave breaking coping,
- ready-to-assemble shuttering modules made of expanded polystyrene.



WAVE BREAKING COPING

- Material: reconstituted stone,
- Available in three colours,
- there are 4 types of coping module: skimmer coping module, straight coping module, right and left corner coping modules.

SKIMMER

- BWT skimmer with a specially designed extension throat,
- Available in three colours: white, beige and light grey.

SKIMMER GRATE

- Skims the surface of the water,
- Security (covers the skimmer opening, complies with finger entrapment standards),
- Material: electropolished 316 stainless steel.

POLYSTYRENE SHUTTERING

- Light, expanded polystyrene shuttering modules, ready to assemble,
- Cut-outs to accommodate the rebar, support pipes and the skimmer,
- Compatible with BLOKIT structures,
- Compatible with masonry pools with walls 200 to 250 mm thick.



DELIGHTFULLY AFFORDABLE

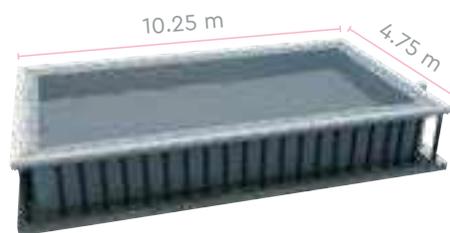
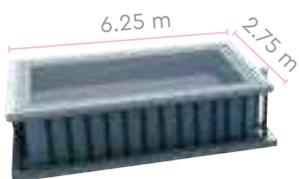
Thanks to its cleverly designed construction system, BWT SUNPOOL is much less complicated to install than a conventional mirror effect pool, this significantly reduces the cost making luxury affordable for everyone.

MADE IN FRANCE

A lot of BWT SUNPOOL's components are made in France by experienced technicians using the latest production tools.

SAMPLE BLOKIT CONFIGURATIONS

- Adapts to any space:



Description
SUNPOOL with blokit structure - 6.25 × 2.75 m
SUNPOOL with blokit structure - 8.25 × 3.75 m
SUNPOOL with blokit structure - 10.25 × 4.75 m

CONTACT YOUR AGENCY FOR A QUOTE

A robust,
solid structure



A STABLE MATERIAL

- The panels are manufactured in series by injection of synthetic resin, a very strong, rot-proof and unalterable, recycled material.

CLEVER DESIGN

- Reinforcing ribs run the width of panels for even greater strength.
- Closely spaced supporting braces hold the panels together and ensure the rigidity of the structure.
- Aluminium hung liner locking track runs across the top of the panels further enhancing the rigidity of the structure.

MADE IN FRANCE

- Every component of your kit is made in a factory owned by a leading French manufacturer of pool and spa equipment.
- Full (non-degressive) 10 year guarantee on the panels.



PARADIS BLEU POOLS, A PROPER IN-GROUND POOL:

Our PARADIS BLEU rectangular pool kits are the perfect solution for customers looking for a simple, affordable pool that is very easy to build.

PARADIS BLEU pools are designed to be built in-ground without any great physical or financial effort.

Quick and easy To assemble

THE IDEAL SOLUTION

PARADIS BLEU POOLS - MAKE YOUR DREAMS COME TRUE!

Paradis Bleu pools, your dream pool without the fuss. Paradis Bleu pool kit offers a simple budget friendly solution for you to build your own quality pool..



PANELS AND SUPPORTING BRACES

- Easy to assemble, requiring very little physical effort. Light, easy to handle and store, the panels constitute the actual structure of your pool.
- The panels are 1.50m high.
- Panels made entirely of recycled materials to protect our environment.



ON THE IN-GROUND STRUCTURE



SAND FILTRATION GROUP : P-GFI 400, 4 M³/H, GREY

Technical data:

- Light grey ABS sand filter. Self-priming pump with pre-filter,
- Self-priming pump with pre-filter, 4 m³/h (8 mWC),
- Rigid pump/ filter connections, 2 hose tail fittings Ø 38 mm, tube of glue and 2 collar clamps,
- 6-way valve integrated into the top of the filter, featuring 3 solvent inlets/outlets, Ø 50 mm,
- Collector plate covers the entire surface area of the filter simplifying assembly (no individual laterals),
- The filter lid can be lifted off completely for easy access to the filter medium,
- Black ABS base included as standard,
- Maximum operating pressure (according to NF EN 16713-1): 1.1 bar,
- One bag of sand 0.6/1.25, 25 kg.



POOL FITTINGS & PIPEWORK

Technical data:

- LED underwater light panel,
- One main drain,
- One return fitting,
- One skimmer,
- A filtration electrical panel to control the underwater light and filtration,
- All the necessary pipework (flexible and rigid PVC pipes, 1/4 turn valves, elbow unions, threaded nipples),
- Hole saw Ø60 with adaptor,
- PVC stripper, 500 ml.



0.75 MM LINER

- The liner is grey and is delivered with a polyethylene underlay, to waterproof your pool and provide a perfect finish.

A TOUCH OF ELEGANCE

- Entirely in-ground and beautifully finished, robust and solid, a Paradis Bleu pools brings a touch of elegance to your garden, enhancing any setting. The quality and beauty of a conventional pool with all the convenience of a kit.

MAX SAFETY OPTION

- PARADIS BLEU pools can be fitted with safety covers to secure access to the pool: automatic slat cover or bar cover.



PARADIS BLEU pools are compatible with the Majestic in-pool ladder.

PARADIS BLEU MINI-POOLS

Family 459

Code	Description
30908203	Mini-pool 4.00x2.50x1.50m, sand filtration, grey liner

Send requests for quotes to our
BETECH
by e-mail: betech@procopi.com



A proper in-ground pool that suits the tightest budget!



PARADIS BLEU FREE STYLE PANELS **MyPOOL**

Family 459

Code	EAN13	Description
Free style panels – height 1,25 m		
30104000	3566835491088	Full panel, H = 1.25 m L = 0.50 m
30104200	3566835484738	Full panel, H = 1.25 m L = 1.00 m
30184000	3566835485384	Corner panel R15 cm, H = 1.25 m L = 0.25 m
30194000	3566835485414	Supporting brace/ Panel H = 1.25 m
30114260	3566835484851	Panel WM-Long(L), H = 1.25 m L = 1.00 m
30114280	3566835484868	Panel WM-Long(R), H = 1.25 m L = 1.00 m
30124210	3566835484974	Panel underwater light (C), H = 1.25 m L = 1.00 m
Free style panels – height 1.50 m		
30106000	3566835491095	Full panel, H = 1.50 m L = 0.50 m
30102600	3566835484721	Full panel, H = 1.50 m L = 1.00 m
30186000	3566835485391	Corner panel R15 cm, H = 1.50 m L = 0.25 m
30196000	3566835485421	Supporting brace/ Panel H = 1.50 m
30116260	3566835484929	Panel WM-Long(L), H = 1.50 m L = 1.00 m
30116280	3566835484943	Panel WM-Long(R), H = 1.50 m L = 1.00 m
30126210	3566835485001	Panel underwater light (C), H = 1.50 m L = 1.00 m

Send requests for quotes to our
BETECH
by e-mail: betech@procopi.com

ACCESSORIES **MyPOOL**

Family 459

Code	Description
30309010	Ø 60 hole saw assembly with adaptor *
3350600	Hung aluminium, 1 m length for pool structures

* Used to create holes in the panel to house return fittings and vacuum points



A wooden pool deck overlooking a turquoise sea with a lighthouse on a cliff in the background.

02

WOODEN POOLS



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103	WOODEN POOL PACKAGING DATA

CHOOSE YOUR POOL



	MODEL	OUTER DIMENSIONS (L x W x H)	INNER DIMENSIONS (L x W x HI)	WATER VOLUME M ³	SHAPE	WATERPROOFING
WOODEN MINI-POOLS						
	Tropic junior	2.26 x 2.26 x 0.68 m	2.00 x 2.00 m	2.30 m ³	Square	0.50 mm liner, dark blue
	Pistoche wooden pool	2.26 x 2.26 x 0.68 m	2.00 x 2.00 m	2.30 m ³	Square	0.50 mm liner, dark blue
URBAN POOLS						
	Urban pool 4.20m x 3.50m	4.19 x 3.53 x 1.33 m	3.14 x 3.00 m	13.30 m ³	Square	0.75 mm liner, light grey
	Urban pool 6.00m x 2.50m	6.03 x 2.53 x 1.33 m	5.00 x 2.00 m	13.40 m ³	Rectangular	0.75 mm liner, light grey
	Urban pool 6.50m x 3.50m	6.53 x 3.53 x 1.33 m	5.50 x 3.00 m	21.90 m ³	Rectangular	0.75 mm liner, light grey
POOL'N BOX						
	Pool'n box junior	3.74 x 2.37 x 0.76 m	2.00 x 3.00 m	4.2 m ³	Rectangular	0.50 mm liner, dark blue
	Pool'n Box 6.20 x 2.50 m	6.10 x 2.37 x 1.33 m	5.00 x 2.00 m	12.20 m ³	Rectangular	0.75 mm liner, light grey



ABOVE GROUND	PART. IN GROUND	IN-GROUND	EQUIPMENT INCLUDED	INSTALLATION	GUARANTEE	PAGE
✓	✗	✗	<ul style="list-style-type: none"> ▪ Cartridge filter ▪ Underlay ▪ Wooden coping, Northern spruce 	2 People + 4hrs	Wooden structure: 2 years Filter: 1 year Liner : 2 years	62
✓	✗	✗	<ul style="list-style-type: none"> ▪ Self retracting protective cover ▪ Height adjustable cartridge filter ▪ Underlay ▪ Aluminium coping 	2 People + 6hrs	Wooden structure: 2 years Filter: 1 year Liner : 2 years Cover: 2-1 year	64
✓	✓	✓		2 People + 4 Days	Wooden structure: 10 years Filter: 2 years Liner : 2 years	74
✓	✓	✓	<ul style="list-style-type: none"> ▪ Automatic safety cover ▪ Electrical control panel ▪ Underlay ▪ In-pool & access ladder ▪ Wooden coping, Northern spruce 	2 People + 4 Days	Automatic cover: 5 years ABS pool fittings: 10 years	76
✓	✓	✓		2 People + 5 Days		78
✓	✗	✗	<ul style="list-style-type: none"> ▪ Cartridge filter ▪ Underlay ▪ Wooden coping, Northern spruce 	2 People + 1 Days	Wooden structure: 10 years Filter: 2 years Liner : 2 years ABS pool fittings: 10 years	82
✓	✓	✓	<ul style="list-style-type: none"> ▪ Sand filter ▪ Underlay ▪ In-pool & access ladder ▪ Wooden coping, Northern spruce 	2 People + 4 Days	Wooden structure: 10 years Filter: 5 years Pompe : 2 years Liner : 2 years ABS pool fittings: 10 years Ladders: 2 years	84

CHOOSE YOUR POOL



	MODEL	OUTER DIMENSIONS (L x W x H)	INNER DIMENSIONS (L x W x HI)	WATER VOLUME M ³	SHAPE	WATERPROOFING
TROPIC						
	Tropic octo 414	Ø 4.14 x 1.20 m	Ø 3.79 m	11.17	Octagonal	0.50 mm liner, dark blue
	Tropic octo 505	Ø 5.05 x 1.20 m	Ø 4.70 m	17.20	Octagonal	0.50 mm liner, dark blue
	Tropic octo+ 510	4.95 x 3.45 x 1.20 m	4.59 x 3.09 m	14.14	Octagonal	0.50 mm liner, dark blue
	Tropic octo+ 540	5.23 x 3.13 x 1.20 m	4.87 x 2.77 m	13.43	Octagonal	0.50 mm liner, dark blue
WEVA						
	Weva octo 530	Ø 5.28 x 1.33 m	Ø 4.70 m	18.77	Octagonal	0.75 mm liner, dark blue
	Weva octo+ 640	6.44 x 4.04 x 1.46 m	5.90 x 3.50 m	24.62	Octagonal	0.75 mm liner, dark blue
	Weva octo+ 840	8.43 x 4.89 x 1.46 m	7.89 x 4.35 m	41.25	Octagonal	0.75 mm liner, dark blue
	Weva rectangle 6.00 x 3.00 m	6.53 x 3.53 x 1.46 m	6.00 x 3.00 m	24	Rectangular	0.75 mm liner, dark blue
	Weva rectangle 8.00 x 4.00 m	8.53 x 4.53 x 1.46 m	8.00 x 4.00 m	42.56	Rectangular	0.75 mm liner, dark blue



ABOVE GROUND	PART. IN GROUND	IN-GROUND	EQUIPMENT INCLUDED	INSTALLATION	GUARANTEE	PAGE
✓	✗	✗		2 People + 2 Days		90
✓	✗	✗	<ul style="list-style-type: none"> ▪ Sand filter ▪ Underlay ▪ In-pool & access ladder ▪ Wooden coping, Northern spruced 	2 People + 2 Days	Wooden structure: 10 years Filters: 5 years Liner: 2 years ABS pool fittings: 10 years Ladders: 2 years	90
✓	✗	✗		2 People + 3 Days		91
✓	✗	✗		2 People + 3 Days		91
✓	✗	✗		2 People + 3 Days		91
✓	✓	✓		Sérvise LDD BWT 2 People + 2 Days		94
✓	✓	✓		2 People + 3 Days		95
✓	✓	✓	<ul style="list-style-type: none"> ▪ Sand filter ▪ Underlay ▪ In-pool & access ladder ▪ Wooden coping, Northern spruce 	2 People + 4 Days	Wooden structure: 10 years Filters: 5 years Liner: 2 years ABS pool fittings: 10 years Ladders: 2 years	95
✓	✓	✓		2 People + 4 Days		97
✓	✓	✓		2 People + 4 Days		97



ATTESTATION DE CERTIFICATION
CERTIFICATE OF

CHAÎNE DE CONTRÔLE PEFC
CHAIN OF CUSTODY PEFC CERTIFICATION

Société / Company : PROCOPI
35137 PLEUMELEUC

N° Chaîne de contrôle / Chain of Custody N° : FCBA12-01382

Produits / Product Categories	Domaine d'application / Scope	Méthode utilisée / Method	Origine des matières premières / Raw materials origin
00010 - Constructions et leurs éléments / Buildings and their parts	Fabricant d'aménagements extérieur en bois / Wooden outdoor accessories manufacturing	Transfert en pourcentage moyen / Average percentage method	Certifiée / Certified

La chaîne de contrôle de l'entreprise ci-dessus désignée est en conformité avec les exigences PEFC en vigueur.
The chain of custody of the company appointed above is in compliance with the requirements PEFC in force.
Ce certificat est délivré selon le règlement de gestion de chaîne de contrôle PEFC de FCBA en vigueur.
This certificate is delivered according to the FCBA requirements for the PEFC chain of custody.
* standards PEFCFR ST 2002 : 2013 et PEFCFR ST 2001 : 2008 du schéma français de certification forestière 2017-2022. Inclution des standards PEFC ST 2002 : 2013 et PEFC ST 2001 : 2008 du document technique de PEFC C.

De certificat atteste la vérification de la chaîne de contrôle PEFC, fondée sur un contrôle permanent. Il ne peut être révoqué si de décisions ont été prises en cours d'année. La liste des entreprises sous certification est disponible sur les sites Internet : www.fcba.fr et www.pefc.org.
This document attests the verification of the PEFC chain of custody, based on a permanent assessment. There can not be any revocation or decision which would be taken in the course of the year after examination of the results of the audit of follow-up. This document is the property of FCBA. In case of the mark's withdrawal, the original and all the copies must have returned to FCBA.

Numéro de Certificat : 00010258
Certificat n° :
Annule et remplace N° :
Date d'émission : 02/10/2022
Valable jusqu'au : 01/10/2027
Nombre de pages / Pages : 1

LE DÉCIDEUR TECHNIQUE : Jérôme MONTERRAUD
LE DIRECTEUR CERTIFICATION : [Signature]



STORAGE
If you do not intend to assemble your pool immediately, you should store it without opening it in a well-ventilated room, or failing this, in an area protected from humidity and sunlight. If, however, you were obliged to unpack your pool, redo and restrap the pallet. Once the pallets are undone, the kit must be assembled within 24 to 48 hours.

SUSTAINABLE FORESTRY

BWT is committed to using wood from sustainably managed forests. As a guarantee, we have had our products certified by a renowned organisation and we organise regular inspections by an independent body.

BWT is PEFC certified (chain of custody: FCBA/12-01382) for procurement of wood from sustainably managed forests according to the regulations set out by the Programme for the Endorsement of

Forest Certification.

The PEFC label pertains to wood from European forests. This programme promotes the preservation of our heritage.

Being a natural material, wood will have some imperfections. These are normal and have no impact on the service life of the product.

A certain number are superficial and are not covered within the scope of the guarantee.



NORTHERN SPRUCE COPING

For more beautiful, flatter coping with a longer service life, BWT chose class III treated Northern Spruce, selected based on its resilience, mechanical strength and excellent weatherability. Beautiful wood, properly cured, dense, top quality, for pools that will delight your customers for years to come.



CAREFULLY SELECTED, CAREFULLY TREATED WOOD

Class IV autoclaved northern wood:
the right choice for the pool structure.

The mechanical and aesthetic properties of this wood are the result of its slow growth imposed by rigorous climatic conditions north of the 57th parallel. Class IV treatment in the autoclave makes this wood perfect for use outdoors in contact with the ground.

Composite French wood:
ideal for pool coping.

A balanced mix of fine wood particles and a thermoplastic polymer, composite wood is free of knots, splinters and boasts an excellent service life outdoors. Soft to the touch, it is also low maintenance and comes in a range of colours (Coastal Grey or Havana).



All in-ground and partially in-ground pools must be protected using a Delta MS drainage membrane..

WOOD - A NATURAL MATERIAL



COLOUR VARIATIONS

Colour variations are common to every species of wood. Treatment brings them out because the depth of penetration of the product will depend on the wood density and grain. Weathering of wood outdoors will significantly attenuate these colour variations.



SPLITTING AND CRACKING

Wood expands and contracts when exposed to variations in humidity and temperature. As it dries, wood contracts unevenly resulting in the appearance of cracks. While these can seem to be cause for concern, they have no impact on the mechanical properties of the product and therefore do not fall within the scope of the guarantee.



RESIN BEADING

When resinous wood species are autoclaved, the alternating pressure and vacuum can cause sticky resin residues to rise to the surface. To remove them, scrape them carefully with an appropriate tool, being careful not to touch the wood. Turpentine spirits could also be effective, but could stain the wood if too much is applied.



KNOTS

Knots mark the places where branches were attached. The quantity and size depends on the species of wood and the sorting process. For outdoor installations, small adherent knots are acceptable. The more stringent the sorting process to limit the number and size of knots, the more expensive the wood will be.



SALT STAINS

Small green stains are frequently found on the surface of autoclaved wood. These can be removed with light sanding. If left untreated, this colour will fade over time.



SURFACE MOULD

Mould, caused by microscopic fungi, can grow on wood, particularly on resinous species, on which the growth can appear as "blueing". It is a surface phenomenon, exacerbated by heat, humidity and inadequate aeration and is characterised by stains ranging from light to dark blue. They can be removed by wiping the surface.

Remember that class IV treated wood is protected against attack by fungi that could destroy the physical and mechanical properties of the wood. For further information, please refer to BWT Pool Products' guarantees concerning the types of wood and their treatment.



GREYING

Wood exposed to sunlight is susceptible to greying. Some people like the silvery sheen of this natural patina. If, however, you would prefer the wood to keep its original colour with brown tones, apply a protective coating (lasure, oil) when the product is assembled.



JOINED WOOD

To ensure the highest quality in the selection of our wood, it is sorted meticulously before planing. Planks that feature defects on both sides are taken out. Defects (knots, cracks, flashes) are removed and the planks are joined together (see the image).



CURVED WOOD

Due to the constant pressure exerted by the water, the walls of the pool may curve slightly over time.

This phenomenon, attributable to the natural elasticity of wood, will stabilise of its own accord and in no way would lead to failure of the wooden slats.

It is not a defect, and would not constitute grounds for a guarantee claim.

THE LABEL ORIGINE FRANCE GARANTIE



The Origine France Garantie label is awarded to products that meet the following 2 criteria.

- At least 50 % of the unit cost price is generated in France,
- It acquires its key characteristics in France.

THE LABEL ALLOWS COMPANIES TO PROMOTE

"manufacturing in France" and allows consumers to choose to buy French.

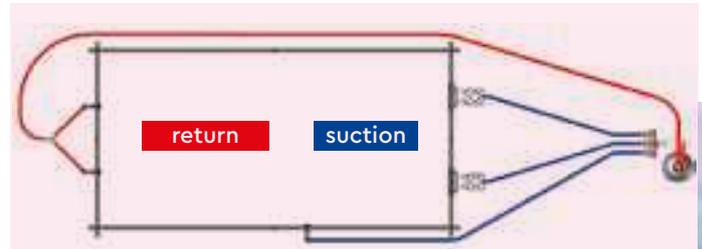
The right filtration group

The majority of the fittings and accessories equipping BWT myPOOL pools are made in France. You can be sure of excellent manufacturing quality, stringent quality control and perfect suitability.

Notably, each pool is fitted with a filtration group, that is a pump-filter combination, selected to filter the pool water in accordance with the standards in effect.

Only a good balance between the power of the pump and filtration surface area can ensure efficient filtration. If the through rate is too high for the surface area of the sand (determined by the diameter of the filter), filtration will not be optimal. The maximum filtration rate for sand filters as defined by the standards is $50\text{m}^3/\text{h}/\text{m}^2$.

For this reason, BWT tests each pool model/filtration group configuration in situ and monitors the flow rates and through put rates. These tests are evaluated by independent laboratories who issue certificates of compliance.



THE PUMP DRIVES WATER CIRCULATION:

it draws water in through the skimmers and vacuum points (if any), pushes it through the filter and then returns the water to the pool through the return fittings.

THE SAND FILTER RETAINS IMPURITIES:

As it passes through the filter medium, impurities (leaves, dust, etc.) are retained and the water is purified. It flows out of the filter clear.

A few basic principles

As regards hygiene, there are no official regulations governing private pools. However, for the sake of your own health and that of those closest to you, we have provided some information on water treatment and basic maintenance of the filtration group.

WATER TREATMENT

To get the most out of your pool, you will need to optimise pool water treatment. Follow the recommendations concerning use of your filtration group: commissioning, frequency of use, bather load, water regeneration, maintenance and monitoring of this system (pipes, bolts, screws) and build-up of dirt in the filter (refer to the back washing procedure in the installation instructions enclosed with the filter).

Failure to respect maintenance recommendations will entail serious health risks, notably for children.

HYGIENE

For the sake of your own health and that of those closest to you, you need to follow some rules!

This starts with good personal hygiene for the respect of all. Next, to ensure crystal clear water, follow the instructions set out under the "operation and maintenance" heading of the installation instructions. Pay particular attention to water treatment and testing intervals, as well as filtration and back wash cycles. Your pool water equilibrium depends mainly on you. Do not hesitate to consult any relevant documentation and follow the advice of professionals.



Winterizing

THE POOL AND THE HYDRAULIC INSTALLATION



- » Carry out a prolonged filter back wash..
 - » Do not leave the pool empty over the winter period (or for a long period of time). In fact, the liquid mass plays a dual role acting as both thermal insulation and ballast, keeping the liner and the pool structure in good condition. The water level, however, should be lowered to 10cm below the mouth of the skimmer.
 - » To drain water from the pool, either use a siphon, or turn the handle on the multi-port pump to Drain and allow the water to run out under the effect of gravity.
 - » Water will flow out through the waste line. Do not run the pump during procedure.
 - » Disconnect the pipe underneath the skimmer to allow the skimmer to act as an overflow in the event that precipitation causes the water level to rise too high. Remove any water treatment products from the skimmer (Chlorine tablets, flocculent, etc.).
 - » Unscrew the face ring on the return fitting inside the pool.
 - » Using a threaded or rubber winterizing cap (not supplied), seal the return fitting from inside the pool.
 - » Disconnect the return line at the pump.
 - » Drain water from the filter by unscrewing the drain plug at the bottom of the filter tank.
 - » Do not replace the drain plug until the filter is being put back into service.
 - » Unscrew the drain plugs on the pump and prefilter. In the case of unprotected outdoor installations, remove and store the pump.
 - » Cut power to the filtration control panel.
 - » Add an algicide and a winterizing product to the pool water (not supplied).
 - » Remove the stainless steel ladder.
- Deploy the winterizing cover over the pool.

NOTE: Winterizing is not mandatory, especially in climates where temperatures do not drop below zero. In this case, simply maintain the usual water level in the pool and run filtration for 2 to 3 hours each day. Check the water level in the pool at regular intervals.

Wood is a living material, variations in temperature and humidity can cause it to contract or expand causing the wood to split or crack, this a natural phenomenon and in no way effects the service life of our products.

The wood is subjected to a class IV autoclaving treatment that complies with standards in effect and presents absolutely no danger to people or animals in direct contact with the wood.

Under no circumstances should you apply any product such as wood stain, paint, oil, micro-porous product, etc. to the wood.

Over time, the wood of the pool will inevitably get dirty. Clean the wood once a year using a high pressure jet, to remove dirt lodged in the pores in the wood. Regulate the water pressure to avoid damaging the surface of the wood or raising and fibres.

Inspect the wooden structure regularly (particularly the coping and access steps) and eliminate any splinters that may have appeared.



WOODEN STRUCTURE GUARANTEE:

The quality of the wood selected and the class IV autoclave treatment labelled CTB-B+ SP by the CTBA (SP: this denomination was created for CTB-P+ and CTB-B+ certifications to designate enhanced retention of organic copper type products). The wood is autoclaved after it is machined, this allows us to offer a 10 year guarantee on our wooden structures.



BWT DOES NOT JUST OFFER A COMPREHENSIVE RANGE OF PRODUCTS

from home deliveries to technical advice we are there for you every step of the way.

AN E-MAIL ADDRESS FOR YOUR TECHNICAL QUESTIONS

Our technicians are ready to answer your questions, take your feedback, provide support and assistance with installation, guarantees, servicing, etc.

hotline.technique@procopi.com

DELIVERY TO YOUR DOOR

Please contact us to discuss terms.

THE INTERNET SITE

- » Product data sheets
- » Installation and operating instructions
- » Customer account, order tracking



NF P90-307-1 standard



NF P90-308 standard



NF P90-306 standard



BWT myPOOL wooden pools may be installed above-ground, in-ground or partially in-ground. Partially in-ground refers to a configuration where the pool structure is under the ground level, irrespective of the depth to which the structure is sunk

All in-ground and partially in-ground pools must be equipped with at least one of 4 safety standard compliant devices designed to prevent the risk of drowning

In the case of above-ground pools, the pool must be secured by removing the access ladder. All BWT myPOOL pools are fitted with ladders that fold upwards as standard. However, to make your pool even safer, BWT recommends the installation of one of the systems mandatory for in-ground and partially in-ground pools.

FRENCH LAW PROVIDES FOR 4 MEANS OF SECURING THE POOL:

- French standard NF P90-306 | Security fence, minimum height 110cm measured from the ground with a gate that is held closed,
- French standard NF P90-307-1 | P-AS fall detection alarm,
- French standard NF P90-308 | Safety cover,
- French standard NF P90-309 | Pool shelter.

In this catalogue, you will find a range of standard compliant security systems: the P-AS alarm, winter and safety covers, bar covers and P-HS E automatic covers.



Standard compliant safety measures are no substitute for supervision by parents or responsible adults.

STANDARD COMPLIANT EQUIPMENT

Accreditation testing is carried out by an independent laboratory that may, if it is deemed necessary, request modification of the equipment or the installation instructions, and/ or in our own laboratory.

Once all tests have been successfully passed, the laboratory issues a certificate of compliance for each pool model tested.

Every BWT myPOOL pool and mini-pool complies with French and European standards in effect:

- NF EN 16582-1 | Private family pools/ part 1: general safety requirements and test methods.
- NF EN 16582-2 | Private family pools/ part 2: general safety requirements and test methods for in-ground pools.
- NF EN 16582-3 | Private family pools/ part 3: general requirements concerning security and test methods for above-ground pools.
- NF EN 16713-1 | Private family pools/ Water distribution systems – Part 1: Filtration systems/ Requirements and test methods
- NF EN 16713-2 | Private family pools/ Water distribution systems – Part 2: Circulation systems/ Requirements and test methods.
- NF EN 16927 | Specific requirement, safety requirements and test methods.

Pistoche



URBAN POOLS



TROPIC



An underwater photograph of a swimming pool. In the foreground, a woman with red-rimmed goggles is swimming towards the camera. In the background, another person is swimming away. The water is clear and blue, with light rays filtering through. The text '02 | a' is overlaid on the image.

02 | a

WOODEN POOLS

mini wooden pools



A pool

FOR EVERY-ONE!



NORTHERN SPRUCE COPING

For more beautiful, flatter coping with a longer service life, BWT chose class III treated Northern Spruce, selected based on its resilience, mechanical strength and excellent weatherability. Beautiful wood, properly cured, dense, top quality, for pools that will delight your customers for years to come.

COPING

- Class III treated pine, 28mm thick and 145mm wide

LINER

- 0.50 mm, dark blue



CARTRIDGE FILTER

UNDERLAY

- Underlay to be fitted under the liner.



INTERLOCKING STRUCTURE

- Class III and IV treated solid Northern pine
- Thickness, 28 mm

STANDARD EQUIPMENT

Description	
Class III treated, single width pine coping, thickness in mm, width 145mm	28
Planks of sold class III and class IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	28
Liner thickness	0.50 mm
Liner colour	Dark blue

Description	
Submerged cartridge filter	included
Underlay	included
Structure guarantee	2 years
Liner guarantee	2 years
Filter guarantee	1 year



PERFECT FOR ANY GARDEN

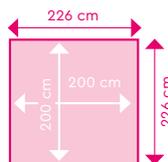
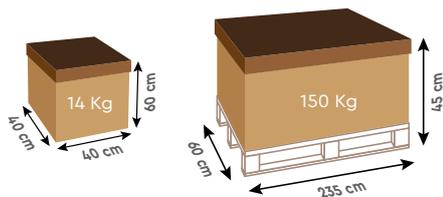
TROPIC JUNIOR MyPOOL

Particularly well designed, this small above-ground TROPIC JUNIOR pool is practical, robust, beautiful and made in France. With a very small foot print, only 2m x 2m, it is the perfect size for small children. TROPIC JUNIOR provides fun for the whole family.

TROPIC JUNIOR is packaged in two boxes:

- Box 1/2 contains the filter cartridge, the 0.50mm dark blue liner and the nuts and bolts.
- Box 2/2 (pallet) contains the wooden structure

Description	Detail
Outer dimensions (cm)	226 × 226
Inner dimensions (cm)	200 × 200
Height coping included (cm)	68
Water volume (m ³)	2.30
Water surface area (m ²)	4
Packaging	1 box + 1 pallet



Code	Description
27160409	Tropic Junior 2x2x 0.64m

ACCESSORIES MyPOOL

Family 425

Code	Description
Pistoche accessories and maintenance	
1	27900210 Pistoche 1 month water treatment kit
2	27900215 Pistoche reversible winter cover (PE 200g/m ²) with 8 eyelets around the periphery
3	27931650 Pistoche spare cartridge



i Designed especially for small above-ground pools, the rechargeable BC02 line pool vacuum from BWT is the ideal solution to keep your pool perfectly clean (see page 352).



Everyone into Pistoche!

Safe, solid, beautiful and very safe, the little Pistoche pool is an instant hit with small children and ensures instant peace of mind for the adults watching over them. Carefully designed for enjoyment and safety, Pistoche is the ideal pool for little children and cautious parents.



STYLISH FINISH!

» Pistoche pools are now equipped with Aluminium coping.

Come and visit us at Pistoche.fr !





PROTECTED

SELF-RETRACTING PROTECTIVE COVER. *



Pistoche is equipped with a protective cover that closes the pool to prevent access while the pool is not in use; and because we can never be too careful, the cover can bear the weight of a child that climbs onto it*.

The cover also protects the pool against evaporation and night time cooling and stops pollen, dust and leaves from falling into the pool. The water stays clean, always ready for your little swimmers. A Pistoche exclusive!



1 The cover is built into a cover pit that is hidden under the edging.

2 Once the edging on all 4 sides has been lifted, the cover can be rolled out in just a few seconds by pulling on the strap, a sharp tug will cause the cover to automatically roll up.

3 Strong and hard wearing and fitted with a purpose designed fastening system, the protective cover can bear the weight of a small child.

* This cover is no substitute for common sense or individual responsibility. Nor is it intended to replace the vigilance of parents and/or responsible adults which remains the key factor in ensuring the safety of young children.

SOLID

MADE IN FRANCE
2 YEAR GUARANTEE.

Pistoche pools are made in Brittany in Northern France. Hard wearing materials and manufacturing quality are fully guaranteed.



WOODEN STRUCTURE

BOTTOM STRUCTURE MADE OF SOLID, CLASS IV TREATED AUTOCLAVED WOOD (CTB-B+SP).

TOP STRUCTURE MADE OF CLASS III TREATED NORTHERN PINE. GUARANTEED 2 YEARS.

Sturdy and aesthetic, Pistoche has a place in every garden.



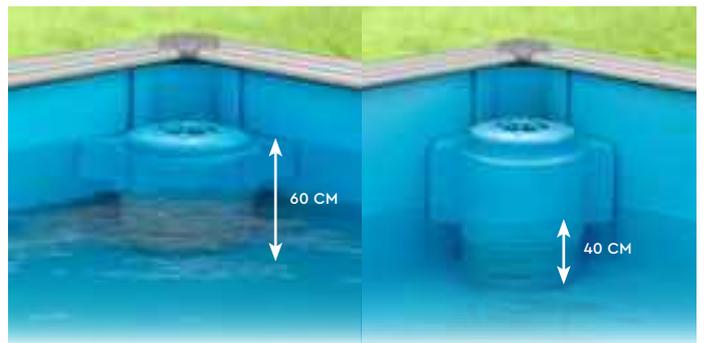
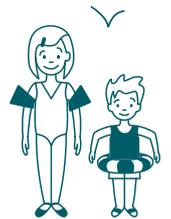
EVOLUTIVE

ADJUSTABLE FILTRATION HEIGHT, FOR A WATER LEVEL BETWEEN 40 AND 60CM.

The cartridge filter, that ensures the quality of water in the pool, may be installed in any of the four corners so that it faces into the prevailing wind. The depth of the water may be adjusted depending on the height and age of the children: forty centimetres for the youngest children to splash around, and up to sixty centimetres for older children to start swimming. A Pistoche exclusive!



A Pistoche exclusive just for us!



PISTOCHE - ABOVE GROUND CHILDREN'S POOL

Scan to watch the video!



Pistoche

MyPOOL



COPING

- May be locked
- Lacquered, light grey Aluminium laqué Light grey

PROTECTIVE COVER

- Grey, reinforced 450g/m² PVC fabric

SELF-RETRACTING ROLLER

- Housed discreetly under the coping

LINER

- 0.50 mm, dark blue



UNDERLAY

- Underlay to be fitted under the liner.



CARTRIDGE FILTER

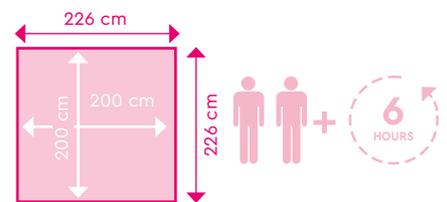
- Adjustable to a water level between 40 and 60cm



INTERLOCKING STRUCTURE

- Northern pine, class III and IV
- Thickness, 28 mm

Code	Description
27160209	Pistoche 2x2 wooden pool, dark blue



STANDARD EQUIPMENT

Description	
Lockable, light grey lacquered Aluminium coping	included
Planks of solid, class III and IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	28
Liner thickness	0.50 mm
Liner colour	Dark blue
Self-retracting protective cover	Grey

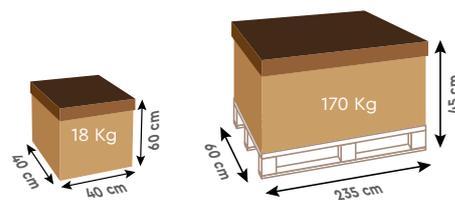
Description	
Height adjustable cartridge filter, water level from 40 to 60cm	included
Underlay	included
Guarantee on the structure	2 years
Liner guarantee	2 years
Filter guarantee	1 year



TWO PACKAGES

THE PISTOCHE POOL COMES IN TWO PACKAGES.

Package 1 contains: the height adjustable filtration system, the blue 0.50mm liner, the underlay and the screws. The wooden structure is enclosed in the second package (included in the advertised price), this package contains all the wooden elements, the aluminium coping, the PVC profiles and the roller pre-fitted with the protective cover and its strap.



ACCESSORIES MyPOOL

Family 425



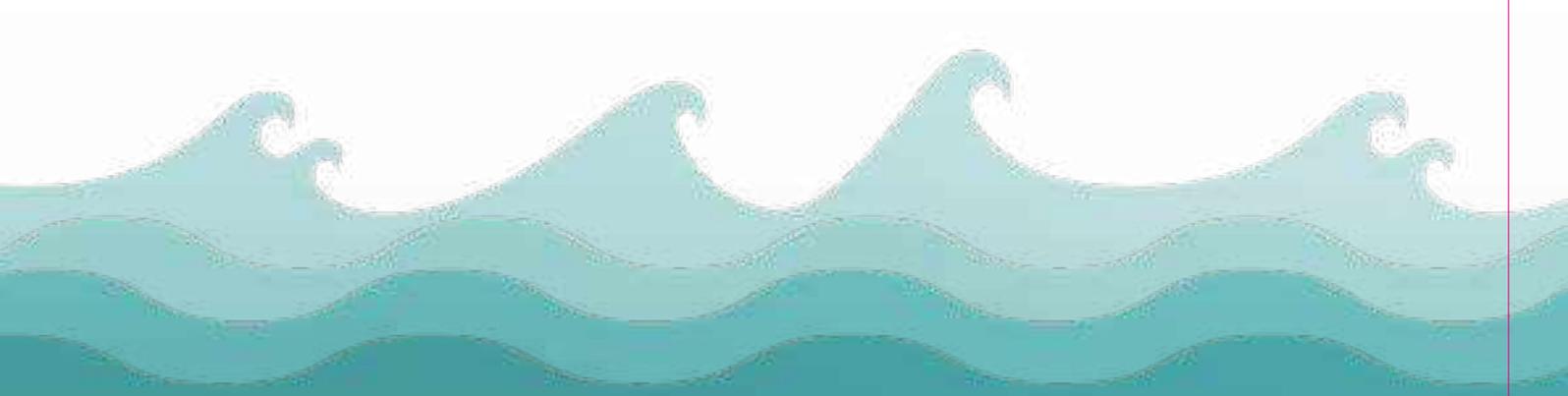
1
WATER TREATMENT KIT:
 1 Kg of active Oxygen pellets,
 1 l of algacide,
 10 test strips.



Code	Description
Pistoche accessories and maintenance	
1	27900210 Pistoche 1 month water treatment kit
2	27900215 Pistoche reversible winter cover (PE 200g/m ²) with 8 eyelets around the periphery
3	27931650 Pistoche spare cartridge



i Designed especially for small above-ground pools, the rechargeable BC02 line pool vacuum from BWT is the ideal solution to keep your pool perfectly clean (see page 352).



A photograph of a wooden deck with a lounge chair and a pool in the background. The lounge chair is made of light-colored wood and has a white towel draped over it. The pool is a rectangular, in-ground pool with a blue interior. The background is filled with lush green foliage, including trees and bushes. The overall scene is bright and sunny, suggesting a warm day.

02 | b

WOODEN POOLS

Urban pools



My beautiful pool

WHERE I WANT,
WHEN I WANT!

URBAN POOLS ARE INNOVATIVE:

they combine the advantages usually associated with top-end pools, with the practical advantages of more modestly sized pools. Thanks to its small size, you can install your URBAN pool wherever you want.



WOODEN STRUCTURE QUALITY GUARANTEE

URBAN pools are made using wood from sustainably managed forests. The quality of the wood selected and the class IV autoclave treatment are labelled CTB-B+ SP by the CTBA. The autoclave treatment is carried out after machining, this allows us to offer a 10 year guarantee on the structure.

THE BEST OF TECHNICAL KNOW-HOW AND SAFETY

Fitted with submerged automatic covers that comply with the French pool safety standard (NF P 90-308), URBAN pools provide optimal safety and comfort of use.

Secreted under the pool edging, the submerged cover keeps the pool water clean and warm. It secures and protects your pool with total discretion.

In addition, URBAN pools are fitted out with high-end, state of the art technical equipment: LED underwater lights, automatic filtration management, in-pool ABS/ Aluminium ladder (2 sections), Wooden access ladder, skimmer and return fittings the same colour as the liner and the automatic cover.



In just a few seconds, with the turn of a key, the cover hidden under the coping rolls out over the surface of the water. Effortless protection for your pool.



PURE LINES

The intelligent, elegant design of the URBAN POOL guarantees seamless aesthetic integration into your garden. The structure, made of carefully selected solid wood, is compatible with in-ground, partially in-ground or above-ground installation. If the pool is installed in-ground or partially in-ground, a wooden plant housing (option) must also be installed to allow access to the filtration equipment.



URBAN pools embellish any space, giving it instant visual appeal.

ABOVE-GROUND/ PARTIALLY IN-GROUND / IN-GROUND

Achieve The impossible

YOUR DREAM WITHIN YOUR GRASP



URBAN pools are the answer! A real pool secured by a submerged automatic cover, that, with its small foot print of less than 10m² it can be slipped into any space).

TOTAL FREEDOM

URBAN pools were purpose designed for small spaces. Their dimensions are carefully adapted to the restrictions of urban living, they fit in anywhere. They come in two versions, square and rectangular, with a surface area never exceeding 10 m²..



A SEDUCTIVE PRICE POINT

URBAN pools are real pools, fitted out like luxury pools and offered at a very interesting price. The Secret? Industrialisation of the design and manufacturing process. The factory in France where URBAN Pools are made, is a reference in this sector; it relies on tried and tested know-how and uses the best, state-of-the-art manufacturing equipment.



IDEAL FOR A BUSY LIFE-STYLE!

The URBAN pool is designed for busy city living. Its clever design simplifies and reduces maintenance, and the consumption of water, energy and pool chemicals is very low.

WARM, LIMPID WATER

URBAN pools were designed to accept optional equipment usually reserved to large top of the range pools. Notably a plant housing large enough to hold a sand filter and/or a heat pump. Warm, clean water so you can enjoy an extended pool season.



SWIM!

Whether for pleasure, or to train, URBAN pools may be fitted with static swim belts (included as standard); ideal for working out at the intensity that you want. Comprised of a neoprene belt (waist circumference 60-105cm) and an elastic strap (length 200cm), and peg to be sealed into the deck, it is the ideal system for an aquatic work out in a small pool.



My beautiful pool

4 LEVELS OF EQUIPMENT



STRUCTURE
POOL FITTINGS



AUTOMATIC
COVERS



LADDER
LINER FILTRATION



Integrated, automatic cover and compact cartridge filter

AUTOMATIC COVER*

Housed discreetly in the pool, the submerged cover keeps the pool water clean and warm. It effortlessly secures and protects your pool.

* Version without plant housing, above-ground only



Integrated, automatic cover and wooden plant housing

WOODEN PLANT HOUSING

The wooden housing is made of slats 28mm thick, the profile matches the pool coping. In accordance with the French safety standard NFP 90-308, the lid is hinged and fitted with a lock. The plant housing is mounted at a corner to house the electrical components of the automatic cover and the filtration system. The plant housing is mandatory for in-ground and partially in-ground installation configurations.



Integrated, automatic cover, wooden plant housing, and sand filtration group

SAND FILTER

Comprised of a light grey sand filter P-GFI 400, 4m³/h, (delivered with the filter medium) with a removable lid, a self-priming pump with a pre-filter, a 6-way valve, a pump/ filter connection kit and a black ABS base.



Integrated, automatic cover, wooden plant housing, sand filtration group, and heating

HEATING

The BWT myPOOL Inverter heat pump is ideal for URBAN pools. It is delivered with a P-GFI 400, 6m³/h sand filtration group, a by-pass and 9 m of pipework to allow the heat pump to be installed up to 3.50m from the pool.

ABOVE-GROUND / PARTIALLY IN-GROUND / IN-GROUND

LADDER

- Aluminium/ABS ladder, 2 sections, 3 treads
- Wooden access ladder, 4 treads



COPING

- Northern Spruce
- Thickness 28mm
- Width 290mm



LINER

- 0.75 mm, light grey.

AUTOMATIC COVER

- Light grey



INTERLOCKING STRUCTURE

- Class IV treated solid Northern pine
- Thickness 45mm

SWIM TETHER

- Neoprene belt
- Tether with click 2m
- Pool deck fastener, 1 stainless steel peg with bushing D6



CARTRIDGE FILTER

- Filtration 4 m³/h

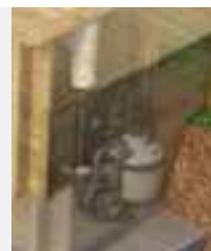
UNDERLAY

- Underlay to be fitted under the liner.



SAND FILTER (OPTION)

- Light grey sand filter P-GFI 400 4m³/h
- Removable lid
- 6-way valve
- Self-priming pump with pre-filter
- Pump/ filter connection kit
- Black ABS base
- Delivered with the filter medium



URBAN POOLS 4.20 M X 3.50 M

ABOVE-GROUND / PARTIALLY IN-GROUND / IN-GROUND



Square model

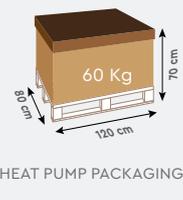
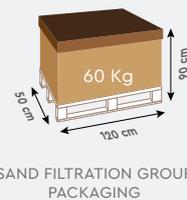
STANDARD EQUIPMENT

Family 429

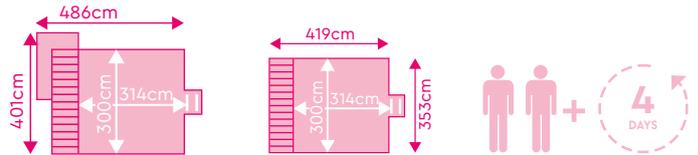
Description	
Northern Spruce coping, thickness 28mm, width 290mm	included
Planks of solid, class IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	included
Liner thickness	0.75 mm
Liner colour	Light grey
Number of skimmers P-PM body (colour matched to the liner)	1
Number of return fittings (colour matched to the liner)	1
Hydraulic connections	included
Filtration 4 m ³ /h	see version
Metallic structural braces	4

Description	
LED underwater light	1
Flow rate at the return fitting (m ³ /h)	4
Automatic safety cover	Light grey
Electrical control panel (cover, filtration and UW light)	included
In-pool ladder in 2 sections: aluminium/ ABS treads and stainless steel hand rails	3 treads
Wooden access ladder	4 treads
Swim tether	included
Underlay	included

EQUIPMENT Packaging data



ABOVE-GROUND / PARTIALLY IN-GROUND / IN-GROUND



Outer dimensions (cm)	419 × 353
Outer dimensions with plant housing (cm)	486 × 401
Water surface dimensions (cm)	314 × 300
Height coping included (cm)	133
Water volume (m ³)	13.30
Water surface area (m ²)	9.42

i Urban pool installation configurations



Code	Description
27181614	Urban pool 4.20×3.50, GR, Ht:1.33 with automatic cover
27181314	Urban pool 4.20×3.50, GR, Ht:1.33, automatic cover, plant housing and sand filter
27181414	Urban pool 4.20×3.50, GR, Ht:1.33, automatic cover, plant housing, sand filter and heating

OPTIONAL EQUIPMENT FOR RETROFITTING TO EXISTING POOLS **MyPOOL**

Code	Description
27900320	Filtration cartridge for Urban pools
27900300	Plant housing for in-ground or partially in-ground Urban Pools

URBAN POOLS 6.00 M X 2.50 M

ABOVE-GROUND / PARTIALLY IN-GROUND / IN-GROUND

Scann to watch the video!

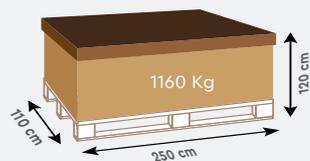


Rectangular model

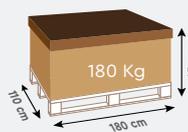
STANDARD EQUIPMENT

Description	
Northern Spruce coping, Class III treated, thickness 28mm, width 290mm	included
Planks of solid, class IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	included
Liner thickness	0.75 mm
Liner colour	Light grey
Number of skimmers P-PM body (colour matched to the liner)	1
Number of return fittings (colour matched to the liner)	1
Hydraulic connections	included
Filtration 4 m ³ /h	see version
Metallic structural braces	4

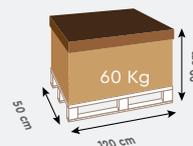
Description	
LED underwater light	1
Flow rate at the return fitting (m ³ /h)	4
Automatic safety cover	Light grey
Electrical control panel (cover, filtration and UW light)	included
In-pool ladder in 2 sections: aluminium/ ABS treads and stainless steel hand rails	3 treads
Wooden access ladder	4 treads
Swim tether	included
Underlay	included



PACKAGING, URBAN POOL 6.00 X 2.50 WITH CARTRIDGE FILTER



PLANT HOUSING PACKAGING

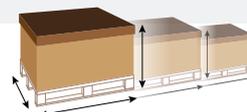


SAND FILTRATION GROUP PACKAGING



HEAT PUMP PACKAGING

EQUIPMENT
Packaging data

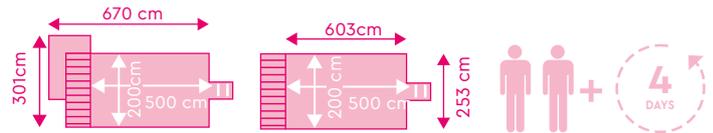


PACKAGING DATA
page 103

ABOVE-GROUND / PARTIALLY IN-GROUND / IN-GROUND



MyPOOL



Outer dimensions (cm)	603 × 253
Outer dimensions with plant housing (cm)	670 × 301
Water surface dimensions (cm)	500 × 200
Height coping included (cm)	133
Water volume (m ³)	13,40
Water surface area (m ²)	9,99



Urban pool installation configurations



Code	Description
27180614	Urban pool 6.00×2.50, GR, Ht:1.33 with automatic cover
27180314	Urban pool 6.00×2.50, GR, Ht:1.33, automatic cover, plant housing and sand filter
27180414	Urban pool 6.00×2.50, GR, Ht:1.33, automatic cover, plant housing, sand filter and heating

OPTIONAL EQUIPMENT FOR RETROFITTING TO EXISTING POOLS MyPOOL

Code	Description
27900320	Filtration cartridge for Urban pools
27900300	Plant housing for in-ground or partially in-ground Urban Pools



Large

AND WELL EQUIPPED



XL model

TOP OF THE LINE EQUIPMENT AS STANDARD

- A light grey, automatic slat cover,
- A generously sized sand filtration group,
- Northern pine coping,
- A light grey liner, 0.75 mm,
- 2 return fittings and 2 skimmers,
- Underlay to be fitted under the liner.
- In-pool stainless steel 3 tread ladder and wooden 4 tread access ladder.

Description	
Metallic structural braces	included
Coping made of class III treated Northern Spruce, 28 mm thick, 290mm wide (2x 145mm).	included
Planks of solid, class IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	45
Liner thickness	0.75 mm
Liner colour	Light grey
Number of wide mouth skimmers P-GM Long	2
Number of return fittings	2
45 mm buriable	included
LED underwater light	1
Sand filter	P-FI 500

Description	
Sand filter diameter (mm)	500
Flow rate at the return fitting (m ³ /h)	9.70
Quantity of sand included (Kg)	50
6-way valve	included
¼ turn return/ suction shut-off valves	included
In-pool ladder in 2 sections: aluminium/ ABS treads and stainless steel hand rails	3 treads
Wooden access ladder	4 treads
Underlay	included
Automatic safety cover	Light grey
Electrical control panel	included



PACKAGING DATA
page 103

Scann to watch the video!

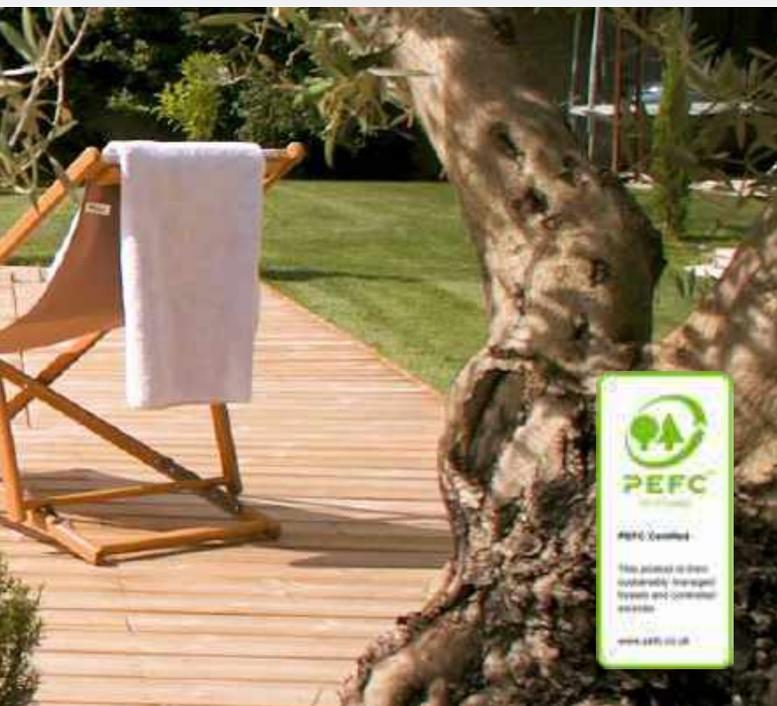


URBAN POOL XL 6.50 M X 3.50 M



MyPOOL

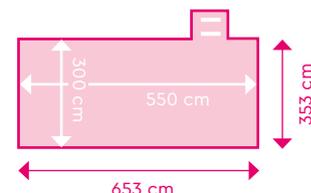
ABOVE-GROUND / PARTIALLY IN-GROUND / IN-GROUND



With coping and plant housing



With coping



Outer dimensions with coping and housing (cm)	653 × 398
Outer dimensions with coping (cm)	653 × 353
Dimensions of the water surface (cm)	550 × 300
Height coping included (cm)	133
Water volume (m ³)	21.90
Water surface area (m ²)	16.44



In the case of a partially in-ground or in-ground configuration, the automatic cover motor must be installed in a plant housing that allows access to the motor.



Urban pool installation configurations



OPTIONS

6.5 × 3.5 m URBAN POOLS can be fitted with additional equipment such as a heat pump, etc. See page 316.



You can find the XL Urban pool assembly video clip on the Procopi BWT Group youtube channel.

Code	Description
27184218	Urban pool 6.50x3.50, GR, Ht:1.33 with automatic cover
27900350	Plant housing, for Urban Pools XL, 6.5 × 3.5

A vibrant, low-angle photograph of a young boy on a pink flamingo inflatable in a swimming pool. He is shirtless, wearing white and blue patterned swim trunks, and has his right arm raised in the air. Water splashes around him. In the background, another person is partially visible on a pink inflatable. The sky is bright blue with some light clouds.

02 | c

WOODEN POOLS

Pool'n box



Boxing

CLEVER!



COPING

- Northern spruce, 28 mm thick 195 mm wide.

LINER

- 0.50 mm Dark blue.

LOCKING MECHANISM

- for total safety.

INTERLOCKING STRUCTURE

- Solid class IV treated, autoclaved Northern Pine, rounded finish,
- Thickness, 45 mm,
- Galvanised steel supporting braces



i Northern pine: a hard, almost rot-proof wood that grows slowly in sustainably managed Scandinavian forests. The Pool'n Box Junior structure is CTB B+ SP treated, it is guaranteed 10 years.

SUCTION AND RETURN FITTINGS

- 1 return fitting,
- 1 suction grate.

UNDERLAY

- Underlay to be fitted under the liner.

CARTRIDGE FILTER





POOL'N BOX JUNIOR MyPOOL

Pool'n Box Junior is an elegant, high quality pool designed to stand the test of time. The best proof – 10 year guarantees on the wooden structure and the filter.

A CLEVER STORAGE SOLUTION!

Pool'n Box Junior is cleverly designed with a storage box tucked under the coping. Balls, swimming aids, water toys: all the clutter can be cleared away in the blink of an eye to leave the pool area beautifully tidy.

Even better, Pool'n Box Junior is very attractively priced.

Advantages:

- Pool'n Box Junior has a very small footprint so it fits easily into tight spaces.
- Pool'n Box Junior is equipped with a proper cartridge filter.
- No need for plant housing: the filtration system fits into the generously sized integrated box leaving plenty of space for storage.
- The structure is made of solid Northern Pine, the industry standard, this guarantees a long service life and a sound investment.

POOL'N BOX JUNIOR, A CLEVER POOL

FAMILY FUN MODE

Toys, rings, floats of every colour thrown everywhere.

NO MORE HOSES CLUTTERING THE LAWN OR TERRACE!

PLEASURE TO BEHOLD, DESIGN MODE

After the fun, return to style and elegance. The pool area is clutter free with no trip hazards! Picture perfect.

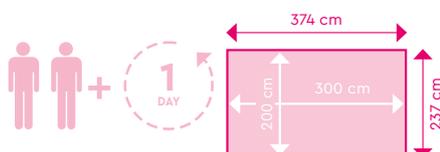


IN THE BLINK OF AN EYE, ALL TIDIED AWAY !



Description	Detail
Outer dimensions with box (cm)	374 × 237
Water surface area dimensions (cm)	300 × 200
Height coping included (cm)	76
Water volume (m³)	4.2
Water surface area (m²)	6

i **OPTIONAL UNDERWATER LIGHTS**
SeaMaid LED underwater lights, in white (44100019) or RGB (44072019). These lights can be simply mounted on a 1.5" return fitting..



Code	Description
27169218	Pool'n Box junior wooden pool, 3.70 × 2.40m, DB, H :76 cm

STANDARD EQUIPMENT

Description	
Metallic structural braces	included
Northern Spruce coping, class III treated, 28 mm thick, 195 mm wide	included
Planks of solid, class IV treated Northern Pine, thickness 45 mm	included
Liner thickness	0.50 mm
Liner colour	Dark blue

Description	
Number of suction grates	1
Number of return fittings	1
Hydraulic connections, Ø32 mm	included
Cartridge filter	included
Return/ suction fitting winterizing caps	included
Underlay	included

i **PACKAGING DATA** page 103

Boxing

CLEVER



COPING

- Northern Spruce, 28mm thick and 195mm wide.

LOCKING MECHANISM

- for total safety



RETURN FITTING AND SKIMMER

- 1 return fitting,
- 1 skimmer P-PM Corps.



LADDERS

- SS in-pool ladder, 3 treads
- Wooden access ladder, 4 treads



LINER

- 0.75 mm Light grey.



INTERLOCKING STRUCTURE

- Solid class IV treated, autoclaved Northern Pine, rounded finish,
- Thickness, 45 mm,
- Galvanised steel supporting braces



FILTRATION GROUP

- Flow rate at the return fitting 4 m³/h (clean filter)
- Sand filter P-FI, Ø 400, anti-UV treated
- 6-way valve; filtration/backwash/rinse/circulation/drain/closed
- Powerful filtration pump; 0.33kW

UNDERLAY

- Underlay to be fitted under the liner.



Northern pine: a hard, almost rot-proof wood that grows slowly in sustainably managed Scandinavian forests. The Pool'n Box structure is CTB B+ SP treated, it is guaranteed 10 years..





Pool'n Box is an elegant, high quality pool designed to stand the test of time. The best proof – 10 year guarantees on the wooden structure, 5 years on the filter and 2 years on the filter pump.

A CLEVER STORAGE SOLUTION!

Pool'n Box is cleverly designed with a storage box tucked under the coping. robotic cleaners, balls, swimming aids, water toys: all the clutter can be cleared away in the blink of an eye to leave the pool area beautifully tidy.

Even better, **Pool'n Box** is very attractively priced. Don't hesitate, dive in!

ADVANTAGES

- Pool'n Box has a very small footprint so its fits easily into tight spaces.
- Pool'n Box is equipped with a proper cartridge filter.
- No need for plant housing: the filtration system fits into the generously sized integrated box leaving plenty of space for storage.
- The structure is made of solid Northern Pine, the industry standard, this guarantees a long service life and a sound investment.



POOL'N BOX JUNIOR, A CLEVER POOL

FAMILY FUN MODE

Toys, rings, floats of every colour thrown everywhere.

NO MORE HOSES CLUTTERING THE LAWN OR TERRACE!

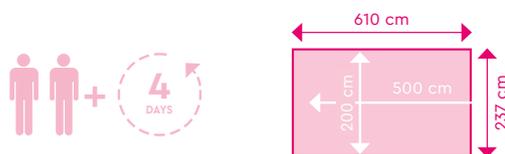
PLEASURE TO BEHOLD, DESIGN MODE
After the fun, return to style and elegance.

The pool area is clutter free with no trip hazards! Picture perfect.



IN THE BLINK OF AN EYE, ALL TIDIED AWAY !

i **OPTIONAL UNDERWATER LIGHTS**
SeaMaid LED underwater lights, in white (44100019) or RGB (44072019). These lights can be simply mounted on a 1.5" return fitting.



Description	Detail
Outer dimensions with box (cm)	610 x 237
Water surface area dimensions (cm)	500 x 200
Height coping included (cm)	133
Water volume (m ³)	12.20
Water surface area (m ²)	9.99

Code	Description
27180018	Pool'n Box wooden pool 6.20x2.50 m, GR ,Ht : 133 m

STANDARD EQUIPMENT

Description	
Metallic structural braces	included
Northern Spruce coping, class III treated, 28 mm thick, 195 mm wide	included
Planks of solid, class IV treated Northern Pine, thickness 45 mm	included
Liner thickness	0.75 mm
Liner colour	Light grey
Number of small mouth skimmers with no throat extension (P-PM body)	1
Number of return fittings	1
Buriable hydraulic fittings, Ø 45mm	included

Description	
Sand filter	P-FI
Sand filter diameter (mm)	400
Hydraulic connections	included
Filtration	4 m ³ /h
Sand supplied (kg)	25
6-way valve	included
1/4 turn valve, return/ suction	included
Stainless steel in-pool ladder	3 treads
Wooden access ladder	4 treads
Underlay	included

i PACKAGING DATA page 103



02 | d

WOODEN POOLS

Tropic and Weva



A pool is not a luxury anymore!

ABOVE-GROUND ONLY



NORTHERN SPRUCE COPING!

For more beautiful, flatter coping with a longer service life, BWT chose class III treated Northern Spruce, selected based on its resilience, mechanical strength and excellent weatherability. Beautiful wood, properly cured, dense, top quality, for pools that will delight your customers for years to come.

COPING

- Class III treated Northern Spruce, 28mm thick and 195mm wide



LINER

- Liner 0.50 mm Dark blue.



LADDERS

- SS in-pool ladder, 3 treads
- Wooden access ladder, 4 treads



INTERLOCKING STRUCTURE

- Solid class IV treated, autoclaved Northern Pine, rounded finish
- Thickness, 45mm
- Galvanised steel supporting brace for Octo+ models



RETURN FITTING & SKIMMER

- 1 return fitting,
- 1 skimmer P-PM Body.



FILTRATION GROUP

- Flow rate at the return fitting 5.2m³/h (clean filter)
- Sand filter P-F1, Ø 400, anti-UV treated
- 6-way valve (filtration/ back-wash/ rinse/ circulation/ drain/closed)
- Filtration pump fitted with a pre-filter; 0.33kW

UNDERLAY

- Underlay to be fitted under the liner.





OTHER OPTIONS AVAILABLE:

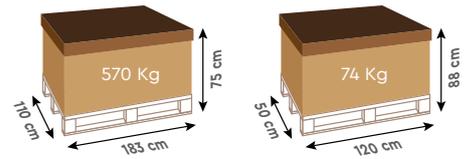
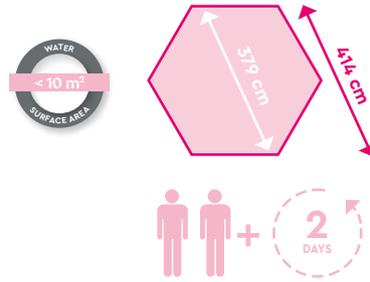
- Summer cover (page 98)
- Winter and safety cover (page 99),
- Bar cover (page 100)
- Heat pump (page 316)

TROPIC OCTO 414 MyPOOL

Family 429

Code	Description
27111205	Wooden pools TROPIC Octo 414

Description	Detail
Outer dimensions (cm)	414
Inner dimensions (cm)	379
Height coping included (cm)	120
Water volume (m ³)	11,17
Water surface area (m ²)	9.92
Packaging	2 pallets

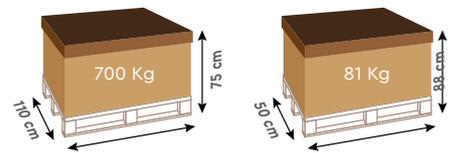
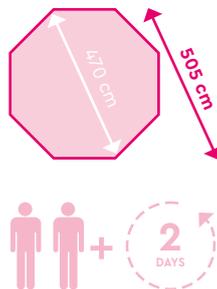


TROPIC OCTO 505 MyPOOL

Family 429

Code	Description
27112205	Wooden pools TROPIC Octo 505

Description	Detail
Outer dimensions (cm)	505
Inner dimensions (cm)	470
Height coping included (cm)	120
Water volume (m ³)	17.20
Water surface area (m ²)	15.64
Packaging	2 pallets

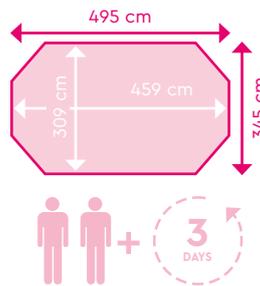




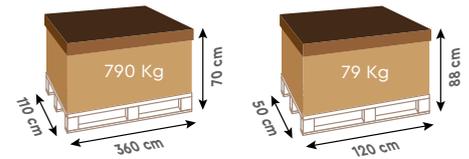
TROPIC OCTO+ 510 **MyPOOL**

Family 429

Code	Description
27113205	Wooden pools TROPIC Octo+ 510



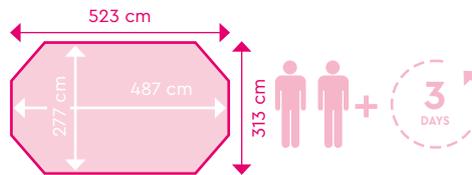
Description	Detail
Outer dimensions (cm)	495x345
Inner dimensions (cm)	459x309
Height coping included (cm)	120
Water volume (m³)	14.14
Water surface area (m²)	12.85
Packaging	2 pallets



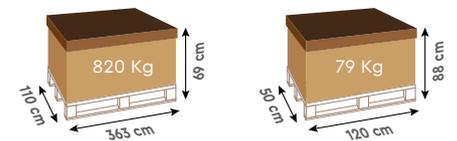
TROPIC OCTO+ 540 **MyPOOL**

Family 429

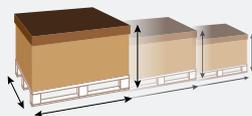
Code	Description
27115205	Wooden pools TROPIC Octo+ 540



Description	Detail
Outer dimensions (cm)	523x313
Inner dimensions (cm)	487x277
Height coping included (cm)	120
Water volume (m³)	13.43
Water surface area (m²)	12.21
Packaging	2 pallets



STANDARD EQUIPMENT **MyPOOL**



PACKAGING DATA page 103



STRUCTURE
POOL FITTINGS



FILTER



LADDER, PUMP
LINER

Description	
Northern Spruce coping, thickness 28mm, width 195mm	included
Planks of solid, class IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	45
Liner thickness	0.50 mm
Liner colour	Dark blue
Number of skimmers P-PM body	1
Number of return fittings	1
Hydraulic fittings, 38mm not buriable	included
Sand filter	P-FI

Description	
Sand filter diameter (mm)	400
Flow rate at the return fitting (m³/h)	5.20
Sand supplied (kg)	25
6-way valve (filtration, back-wash, rinse, circulation, drain, closed)	included
In-pool stainless steel ladder	3 treads
Wooden access ladder	4 treads
Underlay	included
Metallic structural braces	not included except OCTO+

The accessible dream!

A HASSLE-FREE PRACTICAL RANGE



NORTHERN SPRUCE COPING !

For more beautiful, flatter coping with a longer service life, BWT chose class III treated Northern Spruce, selected based on its resilience, mechanical strength and excellent weatherability. Beautiful wood, properly cured, dense, top quality, for pools that will delight your customers for years to come.

COPINGS

- Class III treated Northern Spruce, thickness 28mm and width 290mm (2 x 145mm).



INTERLOCKING STRUCTURE

- Class IV treated Northern pine, rounded finish
- Thickness, 45mm
- Galvanised steel supporting brace for elongated octagonal, square and rectangular pool models.



LINER

- Liner 0.75 mm Dark blue.

LADDERS

- Stainless steel in-pool ladder, 3 treads
- Wooden access ladder, 4 to 5 treads



RETURN FITTING AND SKIMMER

- 1 or 2 return fitting(s)
- 1 or 2 skimmer(s)



FILTRATION GROUP

- Flow rate 7.90 to 9.70m³/h at the return fitting outlet(s) (depending on the model)
- Sand filter, Ø 500 P-FI, anti-UV treated
- 6-way valve (filtration/ back-wash/ rinse/ circulation/ drain/closed)
- Isolating valves on the return and suction lines
- Filtration pump fitted with a prefilter; power 0.46 to 0.60kW
- Semi-rigid, buriable hydraulic fittings, Ø 45mm

UNDERLAY

- Underlay to be fitted under the liner.





OTHER AVAILABLE OPTIONS:

- Summer cover (page 98)
- Winter and safety cover (page 99),
- Bar cover (page 100)
- Heat pump (page 316)



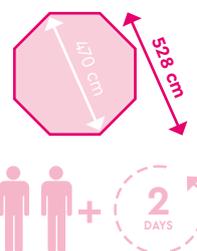


WEVA OCTO 530 MyPOOL

Family 429

Code	Description
27122210	Wooden pools Weva Octo 530

Description	Detail
Outer dimensions (cm)	528
Inner dimensions (cm)	470
Height coping included (cm)	133
Water volume (m ³)	18.77
Water surface area (m ²)	15.64
Packaging	2 pallets



STANDARD EQUIPMENT



Description	
Metallic structural braces	Not included except Octo+
Northern Spruce coping, thickness 28mm and width 290mm (2 x 145mm).	included
Planks of solid, class IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	45
Liner thickness	0.75 mm
Liner colour	Dark blue
Number of skimmers P-PM body	1
Number of return fittings	1
Buriable hydraulic fittings, Ø 45mm	included
Sand filter	P-FI
Sand filter diameter (mm)	500

Description	
Flow rate at the return fitting (m ³ /h)	Octo - 7.90 Octo+ - 8.30
Quantity of sand supplied (Kg)	50
6-way valve (filtration/ backwash/ rinse/ circulation/ drain/ closed)	included
¼ turn return/ suction shut-off valves	included
In-pool stainless steel ladder	3 treads
Wooden access ladder	4 treads 5 treads for coping height 146
Underlay	included

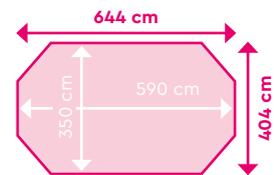


Family 429

WEVA OCTO+ 640 MyPOOL

Code	Description
27136210	Wooden pools Weva Octo+ 640

Description	Detail
Outer dimensions (cm)	644x404
Inner dimensions (cm)	590x350
Height coping included (cm)	146
Water volume (m ³)	24.62
Water surface area (m ²)	18.51
Packaging	2 pallets



WEVA OCTO+ 840 MyPOOL

Family 429

Code	Description
27138210	Wooden pools Weva Octo+ 840

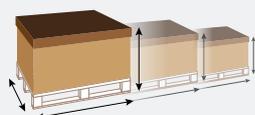
Description	Detail
Outer dimensions (cm)	843x489
Inner dimensions (cm)	789x435
Height coping included (cm)	146 cm
Water volume (m ³)	41.25
Water surface area (m ²)	31.02
Packaging	2 pallets





STANDARD EQUIPMENT

Family 7200



PACKAGING DATA page 103



STRUCTURE
POOL FITTINGS



FILTER



LADDER PUMP
LINER

Description	
Metallic structural braces	included
Northern Spruce coping, thickness 28mm and width 290mm (2 x 145mm).	included
Planks of solid, class IV treated Northern Pine, thickness in mm, tolerance + or - 1mm	45
Liner thickness	0.75 mm
Liner colour	Dark blue
Number of skimmers P-GM Long	2
Number of return fittings	2
Buriable hydraulic fittings, Ø 45mm	included
Sand filter	P-FI
Sand filter diameter (mm)	500

Description	
Flow rate at the return fitting (m ³ /h)	9.70
Quantity of sand supplied (Kg)	75
6-way valve (filtration/ backwash/ rinse/ circulation/ drain/ closed)	included
¼ turn return/ suction shut-off valves	included
In-pool stainless steel ladder	3 treads
Wooden access ladder	5 treads
Underlay	included

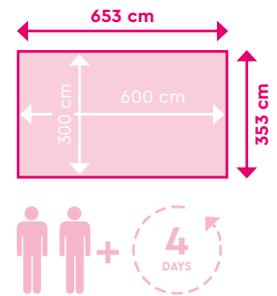
ABOVE-GROUND / PARTIALLY IN-GROUND / IN-GROUND

WEVA RECTANGLE 6X3 **MyPOOL**

Family 429

Code	Description
27194210	Wooden pools Weva rectangle 6x3

Description	Detail
Outer dimensions (cm)	653x353
Inner dimensions (cm)	600x300
Height coping included (cm)	146
Water volume (m ³)	24
Water surface area (m ²)	18
Packaging	4 pallets

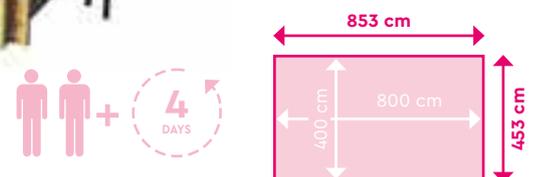


WEVA RECTANGLE 8X4 **MyPOOL**

Family 429

Code	Description
27196210	Wooden pools Weva rectangle 8x4

Description	Detail
Outer dimensions (cm)	853x453
Inner dimensions (cm)	800x400
Height coping included (cm)	146
Water volume (m ³)	42.56
Water surface area (m ²)	32.00
Packaging	5 pallets





Economical

The cover prevents evaporation. A must for indoor pools, and even more important for outdoor pools as the even higher rate of evaporation is even more costly in terms of water and pool chemicals.

Hard wearing and durable

This 300/ 400 bubble cover is made of anti UV treated alveolar polyethylene 280 microns thick. It is hemmed across each width and edged down each length to protect it from friction where it touches the pool wall.

Tough

The cover is solidly hemmed across the width to withstand the tensile stress exerted by the roller straps.

In addition, the cover features an eyelet at approx 50 cm intervals on the roller side.

Technical data:

- Polyéthylene 280 µ.
- Edged down each length.
- Hemmed across each width.



Code	Description
2061256	P-280 bubble cover, wooden pools, 414
2061456	P-280 bubble cover, wooden pools, 505 or 530
2061458	P-280 bubble cover, wooden pools, +510
2061556	P-280 bubble cover, wooden pools, +540
2061756	P-280 bubble cover, wooden pools, +640
2061956	P-280 bubble cover, wooden pools, +840
2061455	P-280 bubble cover, wooden pools, 6x3
2061655	P-280 bubble cover, wooden pools, 8x4
2061055	P-280 bubble cover, Pool'n Box pools, 5x2
2061050	P-280 bubble cover, Pool'n Box Junior, 3x2



Technical data:

- Cover made of PVC coated fabric (580 g/m²). The top side is grey while the underside is beige.
- The cover overlaps the entire periphery of the pool structure (coping included) by 10 cm.
- Fastened in position with individual bungee straps and stainless steel hooks that are fixed under the coping,
- Complies with the French standard NF P90-308.

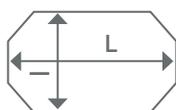


Code	Description
2183256	P-PB 580 winter safety cover, grey, 414
1 2183456	P-PB 580 winter safety cover, grey, 505 or 530
2183458	P-PB 580 winter safety cover, grey, +510
2183556	P-PB 580 winter safety cover, grey, +540
2183756	P-PB 580 winter safety cover, grey, +640
2183956	P-PB 580 winter safety cover, grey, +840
2 2183254	P-PB 580 winter safety cover, grey, 6x3
2183654	P-PB 580 winter safety cover, grey, 8x4
2183054	P-PB 580 winter safety cover, grey, Pool'n Box
2183150	P-PB 580 winter safety cover, grey, Pool'n Box Junior

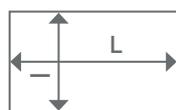
POOL SHAPE/ COVER CORRESPONDENCE MyPOOL



OCTAGONAL POOLS



ELONGATED OCTAGONAL POOLS



RECTANGULAR POOLS

Code	Description	Cover shape	Max. pool length, coping included (m)	Max. pool width, coping included (m)	Cover length (m)	Cover width (m)
2183256	P-PB 580 winter safety cover, grey, 414	Octagonal	4.03	4.03	4.23	4.23
2183456	P-PB 580 winter safety cover, grey, 505 or 530	Octagonal	4.88	4.88	5.08	5.08
2183458	P-PB 580 winter safety cover, grey, +510	Elongated octagonal	4.95	3.45	5.15	3.65
2183556	P-PB 580 winter safety cover, grey, +540	Elongated octagonal	5.23	3.13	5.43	3.33
2183756	P-PB 580 winter safety cover, grey, +640	Elongated octagonal	6.43	4.03	6.63	4.23
2183956	P-PB 580 winter safety cover, grey, +840	Elongated octagonal	8.42	4.88	8.62	5.08
2183254	P-PB 580 winter safety cover, grey, 6x3	Rectangle	6.53	3.53	6.73	3.73
2183654	P-PB 580 winter safety cover, grey, 8x4	Rectangle	8.53	4.53	8.73	4.73
2183054	P-PB 580 winter safety cover, grey, Pool'n Box	Rectangle	6.10	2.37	6.30	2.57
2183150	P-PB 580 winter safety cover, grey, Pool'n Box Junior	Rectangle	3.74	2.37	3.94	2.57



P-PB 580 WINTER AND SAFETY COVERS - CUSTOM MADE MyPOOL

Family 7209



Technical data:

- Cover made of PVC coated fabric (580 g/m²). The top side is grey while the underside is beige.
- The cover overlaps the entire periphery of the pool structure (coping included) by 10 cm.
- Fastened in position with individual bungee straps and stainless steel hooks that are fixed under the coping,
- Complies with the French standard NF P90-308.



Code	EAN13	Description
2173100	3566837073459	P-PB 580 winter and safety cover, per m ²

BWT myPOOL P-580 BAR COVER FOR WOODEN POOLS MyPOOL

Family 6889



Code	Description
6304146	P-580 bar cover/ wooden pools 414 or 440
6304346	P-580 bar cover/ wooden pools 505 or 530
6304247	P-580 bar cover/ wooden pools +510
6304147	P-580 bar cover/ wooden pools +540
6304447	P-580 bar cover/ wooden pools +640
6304747	P-580 bar cover/ wooden pools +840
6304245	P-580 bar cover/ wooden pools 6 x 3
6304645	P-580 bar cover/ wooden pools 8 x 4
6304045	P-580 bar cover/ Pool'n Box

6022300	Chambord hinged hand rails/ Bar covers
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Hinged hand-rails allow the ladder to be swung up 90° to allow the bar cover to be put in place. They must be mounted on the peripheral deck, and not on the coping.

The bar cover is easy to use

- To deploy the cover, simply pull on the central strap.
- The cover is rolled up using a flywheel or a hand crank. No complicated mechanisms or risk of break down.

The bar cover is practical

- A single cover to install for years of care-free enjoyment. You escape the nuisance of seasonal cover changes and the drudgery: cleaning, folding and storing the cover removed unfolding and installation of the other cover. Choose comfort, choose a bar cover.

The bar cover is easy to maintain

- With its two lacquered surfaces, the bar cover stays clean, it is easily washed down with a blast of water.

The bar cover is tough

- To increase the service life of the cover, the bars are made of natural anodised aluminium.

The bar cover is strong

- The cover is made is of hard wearing polyester (580g/m²), treated to withstand the effects of UV radiation.
- To increase the mechanical strength of the cover, the cover fabric is not cut where it passes under the bars. Both surfaces of this resilient cover are lacquered to help withstand chemical attacks and the effects of wear and tear.
- The straps are attached to the vertical wall by stainless steel hooks (supplied).



Grey

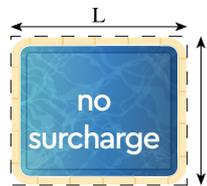
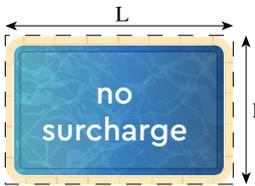


Handcrank included



i Winter and summer covers are invoiced at a price per m² applied to a surface area calculated as described below. The surface area is calculated based on pool dimensions and the shape of the pool.

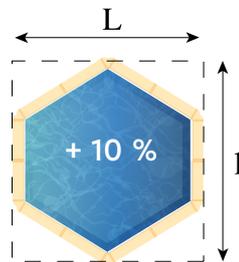
CALCULATION OF THE SURFACE AREA



Forme simple

A simple shape is a perfectly symmetrical square or rectangle. The calculation formulae apply with no surcharge.

Surface area = L x W



Geometric shape

A geometric shape is a perfectly symmetrical shape that may include truncated corners that can be traced with a ruler or a compass, without any need for triangulation (point coordinates).

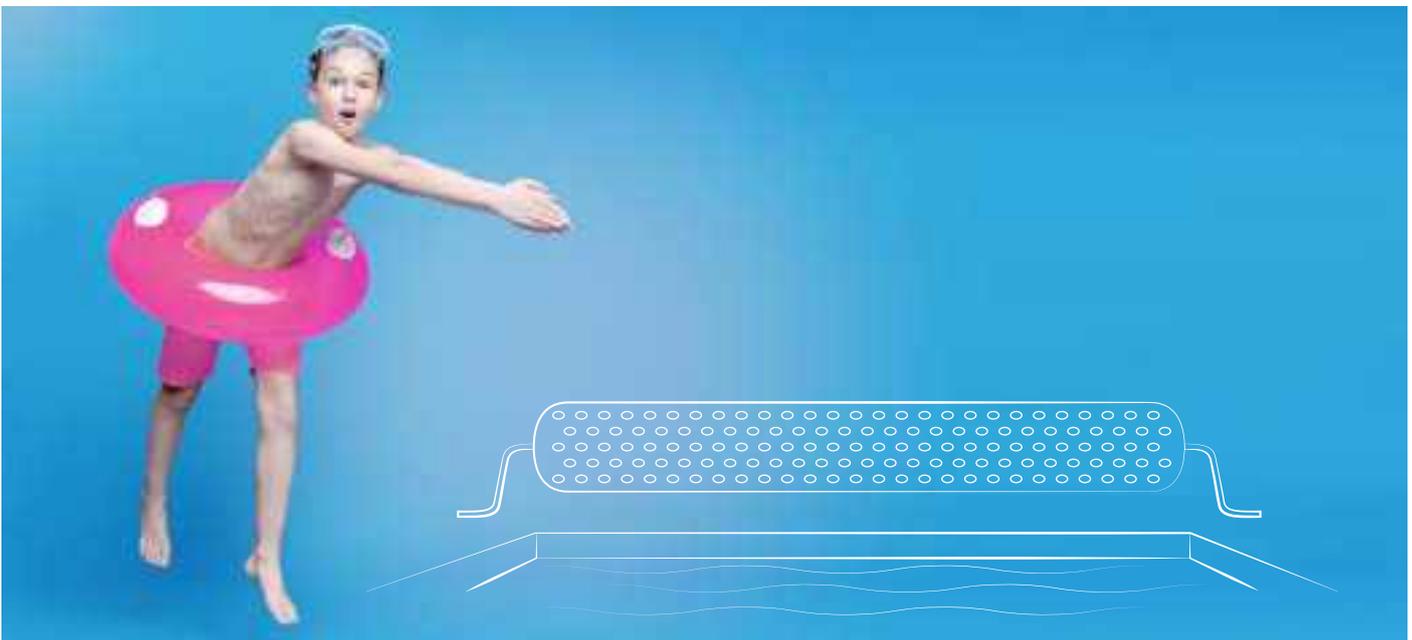
In the case of a geometric shape, a surcharge of 10% is applied to the surface area calculated by our design office.

The price of the geometrically shaped winter or summer cover is then calculated by multiplying the surface area by the price per m² listed on the relevant pages.

Surface area = 1.10 x (L x W)

PRICE CALCULATION
Price = Surface area x Price per m²

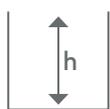
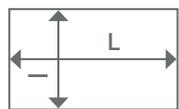
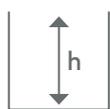
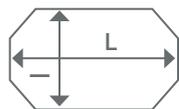
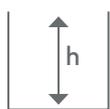
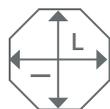
i When placing an order for a P-PB 580 winter safety cover, please provide the overall dimensions (coping included).
Surface area calculation: (Length +20cm) x (Width +20cm).



LINERS AND ACCESSORIES FOR WOODEN POOLS

LINERS P-0.75 MM - FOR WOODEN POOLS MyPOOL

Family 6079



Grey

Dark Blue

OCTAGNOAL POOLS

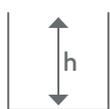
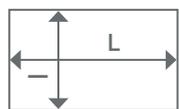
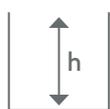
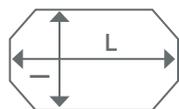
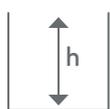
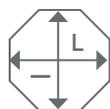
ELONGATED OCTAGONAL POOLS

RECTANGULAR POOLS

Code	Description	Dimensions L x W x H
Pool'n box pools		
72220113	Liner for Pool'n box pool, grey	5.00 × 2.00 × 1.33
Weva pools		
5264820	Liner for Weva Octo 530 pool, H= 133, Dark blue	4.35 × 4.35 × 1.33
5277820	Liner for Weva Octo +640 pool, H= 146, Dark blue	5.91 × 3.50 × 1.46
5278820	Liner for Weva Octo +840 pool, H= 146, Dark blue	7.91 × 4.35 × 1.46
72206125	Liner for Weva rectangular 6×3 pool, H= 146, Dark blue	6.00 × 3.00 × 1.46
4815725	Liner for Weva rectangular 8 × 4 pool, H= 146, Dark blue	8.00 × 4.00 × 1.46
Urban pools		
72220160	Liner for Urban pools, 6.00 × 2.50 m, H= 133, Grey	5.50 × 2.00 × 1.33
72220163	Liner for Urban pools, 4.20 × 3.50 m, H= 133, Grey	3.70 × 3.00 × 1.33
72220169	Liner for Urban pools, 6.50 × 3.50 m, H= 133, Grey	6.00 × 3.00 × 1.33

LINERS 0.50 MM FOR WOODEN POOLS MyPOOL

Family 6039



Dark Blue

OCTAGONAL POOLS

ELONGATED OCTAGONAL POOLS

RECTANGULAR POOLS

Code	Description	Dimensions L x W x H
Octagonal pools		
5253420	Liner P-50, wooden pools, Octo 414, H= 120, Dark blue	3.50 × 3.50 × 1.20
5254420	Liner P-50, wooden pools, Octo 505, H= 120, Dark blue	4.35 × 4.35 × 1.20
Elongated octagonal pools		
72106073	Liner P-50, wooden pools, Octo +510, H= 120, Dark blue	4.59 × 3.02 × 1.20
5250420	Liner P-50, wooden pools, Octo +540, H= 120, Dark blue	4.88 × 2.78 × 1.20
Pistoche, Tropic & Pool'n box Junior pools		
72506100	Liner P-50, Pistoche and Tropic Junior, 2×2, H=68, Dark blue	2.00 × 2.00 × 0.68
72506171	Liner P-50, Pool'n Box Junior, 3×2, H=74, Dark blue	3.00 × 2.00 × 0.74

DELTA MS DRAINAGE MEMBRANE



- Roll width, 1.50 m.
- Mandatory to protect the wood and provide insulation from backfill in the case of in-ground and partially in-ground pools

Code	Description
3360650	Delta MS, width 1.50 m, 20 m roll

PACKAGING DATA - WOODEN POOLS

Code	Model	Pack	Length (cm)	Width (cm)	Height (cm)	Weight (Kg)	Total weight (Kg)
Mini pools							
27160209	Wooden pool, Pistoche 2x2, Dark blue	Wooden elements	235	60	45	152	166
		Accessories	40	40	60	16	
27160409	Wooden pool, TropicJunior 2x2, Dark blue	Wooden elements	235	60	45	134	148
		Accessories	40	40	60	14	
Urban pools							
27181614	Urban pool 4.20x3.50, GR, Ht:1.33 with AC	Wooden elements	350	110	120	1 115	1 115
27181314	Urban pool 4.20x3.50, GR, Ht:1.33, filtration	Wooden elements	350	110	120	1 115	1 355
		Plant housing	180	110	45	180	
		Filtration	120	50	90	60	
27181414	Urban pool 4,20x3.50, GR, Ht:1.33, Heating	Wooden elements	350	110	120	1 115	1 415
		Plant housing	180	110	45	180	
		Filtration	120	50	90	60	
		Heat pump	120	80	70	60	
27180614	Urban pool 6.00x2.50, GR, Ht:1.33 with AC	Wooden elements	250	110	120	1 160	1 160
27180314	Urban pool 6.00x2.50, GR, Ht:1.33, filtration	Wooden elements	250	110	120	1 160	1 400
		Plant housing	180	110	45	180	
		Filtration	120	50	90	60	
27180414	Urban pool 6.00x2.50, GR, Ht:1.33, heating	Wooden elements	250	110	120	1 160	1 460
		Plant housing	180	110	45	180	
		Filtration	120	50	90	60	
		Heat pump	120	80	70	60	
27184218	Urban pool 6.50x3.50, GR, Ht:1.33	Wood+coping	170	110	95	585	1599
		Wooden elements	180	110	58	430	
		Accessories	120	100	101	212	
		Steel elements	150	80	32	152	
		Automatic cover	350	110	40	220	
POOL'N BOX pools							
27169218	Wooden pool, Pool'n Box Junior 2x2, Dark blue	Wooden elements	240	110	40	850	974
		Pack accessoires	120	50	85	124	
27180018	Wooden pool, Pool'n Box 6,2x2,5, GR ,Ht: 133	Wood+copingCoping	244	105	107	940	1125
		Accessories	120	100	88	100	
		Steel elements	150	150	30	85	
TROPIC pools							
27111205	Wooden pool, Tropic 414, pine, DB, Ht:120	Wooden elements	183	110	75	570	644
		Accessories	120	50	88	74	
27112205	Wooden pool, Tropic505, pine, DB, Ht:120	Wooden elements	215	110	75	700	781
		Accessories	120	50	88	81	
27113206	Wooden pool, Tropic+510, pine, DB-75, Ht:120	Wooden elements	360	110	70	790	869
		Accessories	120	50	88	79	
27115205	Wooden pool, Tropic+540, pine, DB, Ht:120	Wooden elements	363	110	69	820	902
		Accessories	120	50	88	82	
WEVA pools							
27122210	Wooden pool Weva 530, pine, DB, Ht:133	Wooden elements	215	110	83	820	946
		Accessories	120	100	63	126	
27136210	Wooden pool Weva +640, pine, DB, Ht:146	Wooden elements	422	110	69	1 200	1 363
		Accessories	120	100	63	163	
27138210	Wooden pool Weva +840, pine, DB, Ht:146	Wooden elements	572	110	69	1 565	1 749
		Accessories	120	100	80	184	
27194210	Wooden pool Weva 6x3, pine, DB, Ht:146	Wooden elements	180	110	84	1358	2 154
		Wooden elements	180	110	58	430	
		Steel elements	150	150	35	155	
		Accessories	120	100	100	211	
27196210	Wooden pool Weva 8x4, pine, DB, Ht:146	Wooden elements	215	110	83	570	1 986
		Wooden elements	180	110	58	430	
		Wooden elements	180	110	69	505	
		Steel elements	150	150	45	262	
		Accessories	120	100	122	219	

03

POOL FITTINGS & PIPEWORK

BWT Pool Products complies with the following standards:

NF EN 60598-1 April 2015 : Light fittings – general requirements and test methods.

NF EN 60598-2-18+A1 February 2016 : Light fittings. Regulations specific to light fittings for pools and similar uses

NF EN 16713-2 April 2016: Private family pools. Water distribution systems. Part 2. Circulation systems. Requirements and test methods.

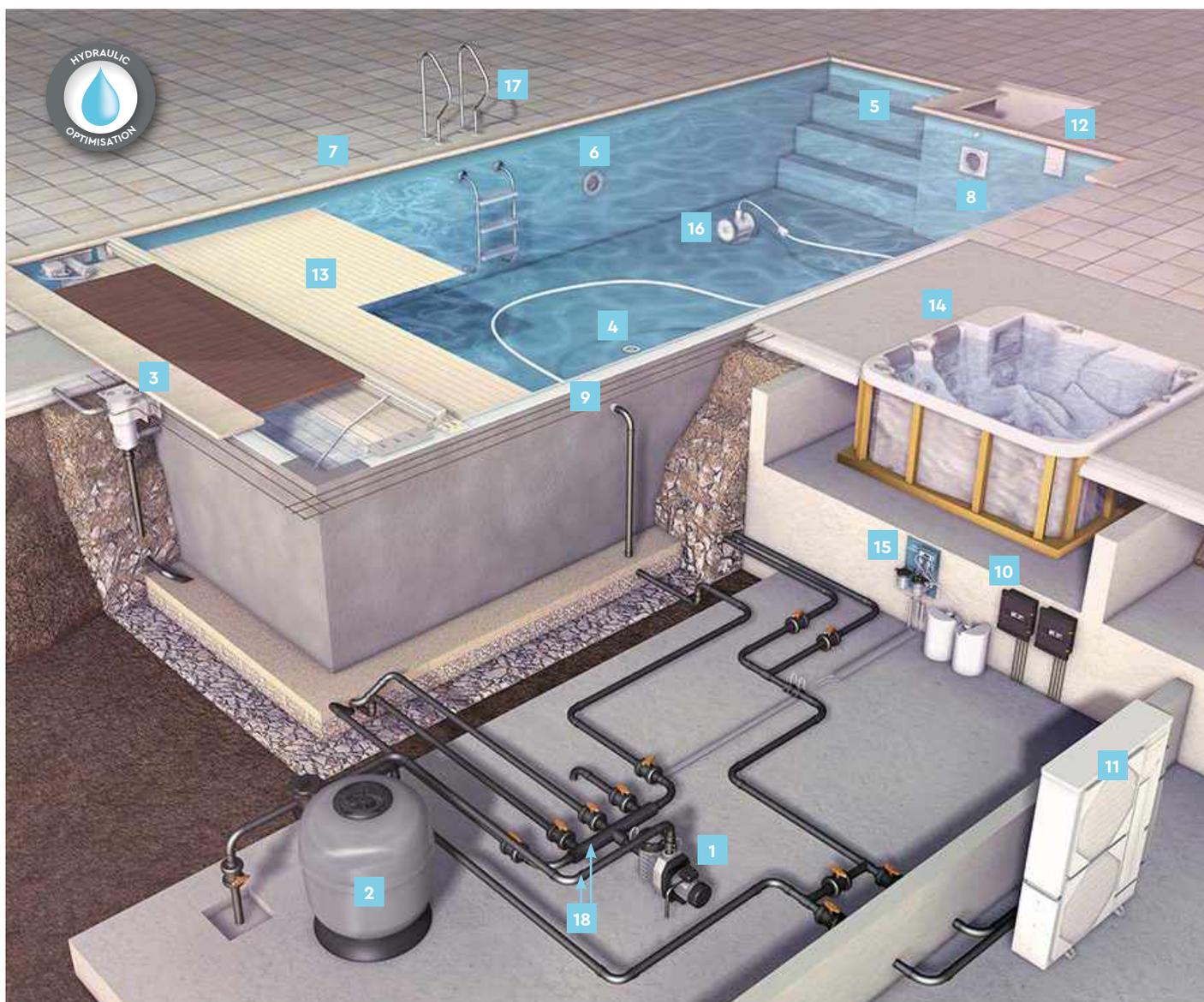
NF EN 13451-3 + A3 March 2016: Requirements and test methods specific to suction and return fittings for water features.

AFNOR AC P90-326: Pool fittings (Previously DTP No. 8).



106	HYDRAULIC CIRCUIT
107	PLACEMENT OF THE POOL FITTINGS
108	POOL FITTINGS - BWT MATCH SKIMMER
112	POOL FITTINGS - MIRROR SKIMMER
114	POOL FITTINGS - CARTRIDGE SKIMMERS
116	THE SKIMMER IN DETAIL
118	POOL FITTINGS - MASONRY/ LINER
122	POOL FITTINGS - CONCRETE
126	POOL FITTINGS - PANEL POOLS
128	POOL FITTINGS - WITH INSERTS
130	POOL FITTINGS - RENOVATION
132	COUNTER-SWIM UNITS
134	EUROPEAN LIGHTING REGULATIONS
136	POOL FITTINGS - UNDERWATER LIGHTS
141	WINTERIZING
142	FLOW RATES AND RECOMMENDATIONS
143	TOOLS

HYDRAULIC CIRCUIT



1 Self-priming pump with prefilter – Eurostar

2 Filter with 6-way valve – BWT RTM HF

3 Skimmer, recommended flow rate for each skimmer:

- between 3 and 8 m³/h with a Ø 50 mm port
- between 5 and 12 m³/h with a Ø 63 mm port

4 Dual function main drain:

- filtration suction (recommended 30% of the recycling volume)
- draining the pool

5 Return fitting with or without directional jet.

Recommended flow rate per return fitting:

- between 3 and 10 m³/h with a Ø 50 mm port
- between 5 and 12 m³/h with a Ø 63 mm port

6 Very low voltage underwater LED light (12 V)

7 Deck box

8 Counterswim unit – BADU Jet Wave

9 Vacuum point

10 Electrical panel – BWT Swimline

11 Heat pump – BWT M.P.I.

12 Level controller

13 Submerged automatic cover – BWT Coverdeck

14 BWT Spa – ST 4.31

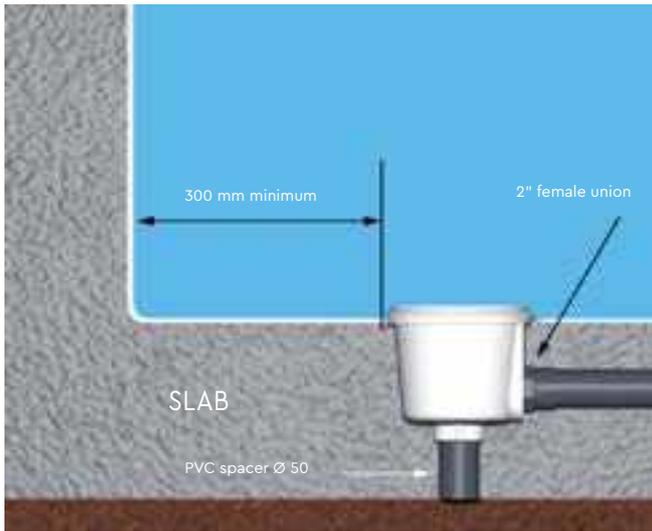
15 Automatic regulation Cl and pH

16 Automatic cleaner – Victor 2 wheels

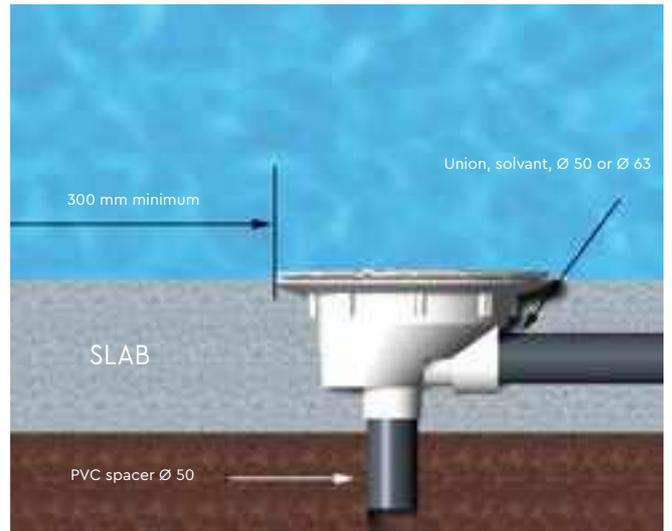
17 Ladder – Rambouillet

18 Suction and return manifold and large radius elbow

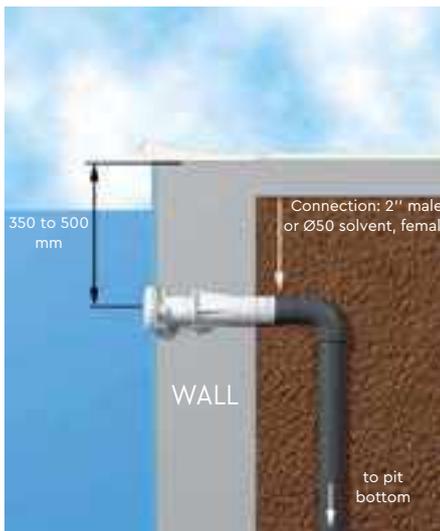
MAIN DRAIN BL-211/ BB-210



MAIN DRAIN BL-311/ BB-310



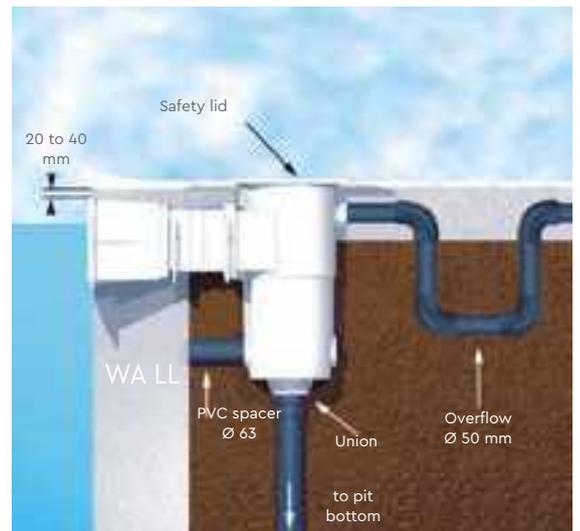
RETURN FITTING



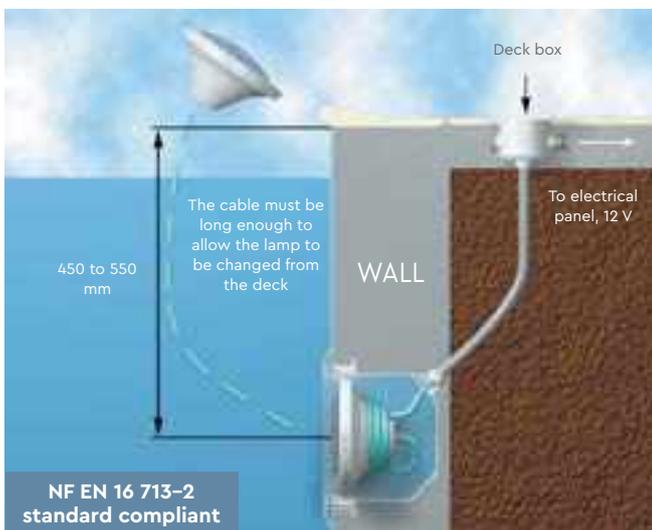
VACUUM POINT



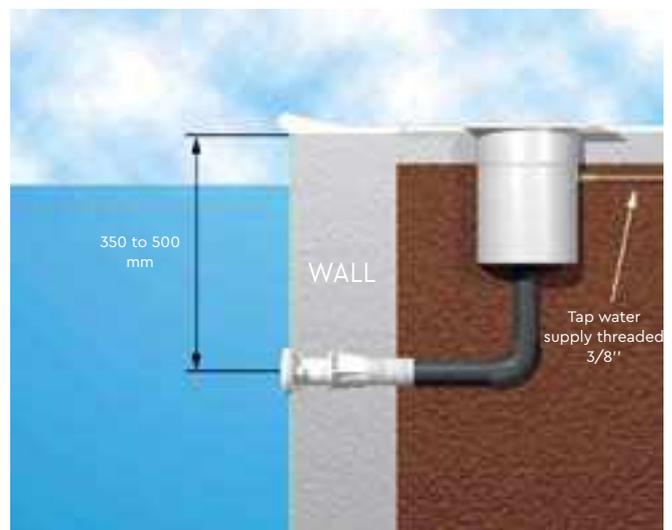
SKIMMER



UNDERWATER LIGHT



LEVEL CONTROLLER





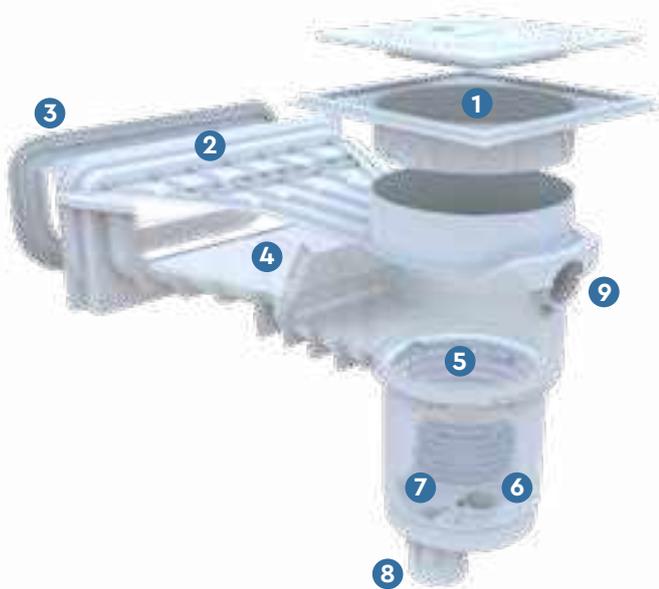
PRO EXCLUSIVE

THE SKIMMER THAT MATCHES

every pool and every requirement!

Are you searching for a skimmer that **perfectly matches** your pool, an efficient **high performance** skimmer that ensures an exquisite bathing experience in **pure clean water** unspoiled by unwanted floating debris?

Would you like it to be **well designed, easy to install** and **handy** to maintain, **durable** and **reliable**?



- 1 Clip closure
- 2 Wide selection of skimmer mouths
- 3 Skimmer face trim
- 4 Silent weir
- 5 Pre-filter basket with push and twist locking mechanism
- 6 Adaptator for winterizing Gizmo
- 7 Flow regulator
- 8 Bottom outlet, diameter 50 or 63 mm
- 9 Overflow, diameter 50 mm



CRYSTAL CLEAR SWIMMING POOL WATER

The skimmer is a crucial component of the water circulation and purification system: by rapidly skimming dust, pollen, leaves and insects from the surface of the water, the skimmer plays a key role in keeping the pool water crystal clean. It rapidly whisks away floating debris to keep the surface of the water immaculate and ensure a pleasurable bathing experience.

The BWT Match skimmer fulfils every requirement.

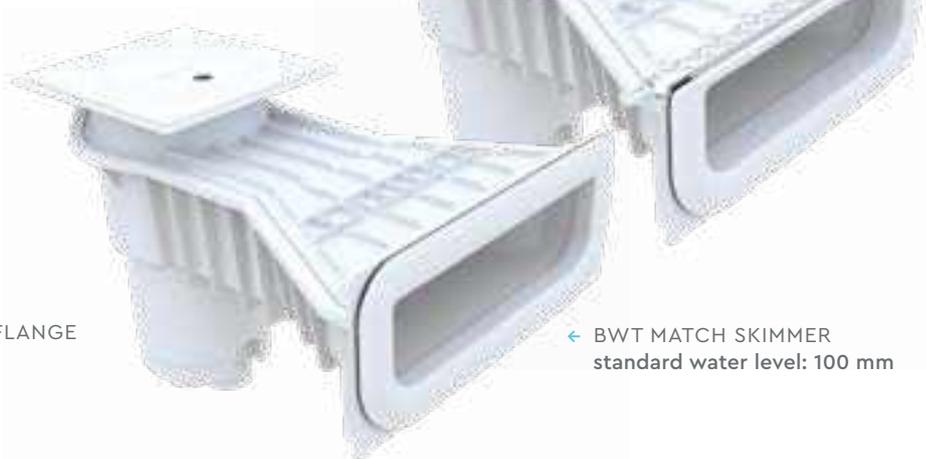
NEW
IN
2023

POOL FITTINGS - BWT MATCH SKIMMER

PRO EXCLUSIVE



BWT MATCH MIRROR SKIMMER
high water level: 50 mm →



SEMI-RECESSED FLANGE
↓

← BWT MATCH SKIMMER
standard water level: 100 mm

MATCHES EVERY POOL ...

Liner or tiles, walls made of concrete blocks, poured concrete or Blockit modules, sand or cartridge filtration, standard or high water level, etc.

The BWT Match skimmer adapts perfectly to every configuration and every pool.

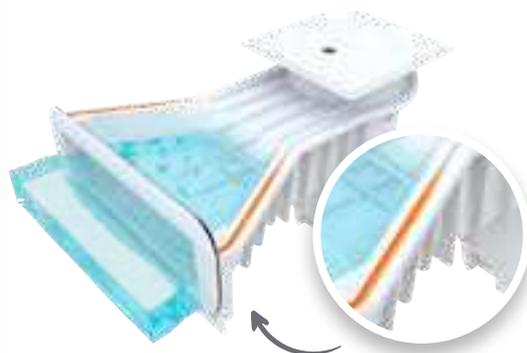
MATCHES EVERY REQUIREMENT

This skimmer also fulfils the strictest requirements of pool owners and pool professionals. Highly efficient skimming, quiet, easy to install, operate and maintain: this is how BWT Match skimmer gets its name, it ticks every box, and is a real people pleaser!

AVAILABLE WITH CARTRIDGE



The weld is above the water line, this eliminates any risk of leaks





	Code	Description
Liner/ Concrete (LB) Skimmer		
1	40090000	BWT Match skimmer LB, white
2	40091000	BWT Match skimmer LB-MR, white
	40092000	BWT Match skimmer LB with inserts, white
	40093000	BWT Match skimmer LB -MR with inserts, white
Cartridge (C) Skimmer		
3	40094000	BWT Match skimmer C-LB, white
	40095000	BWT Match skimmer C-LB with inserts, white
4	40096000	BWT Match skimmer C-LB-MR, white
	40097000	BWT Match skimmer C-LB-MR with inserts, white
SUNPOOL Skimmer		
	40098000	BWT Match skimmer Sunpool, white



Beige	Light blue	Blue grey	Dark blue	Clay	Taupe	Grey	Anthracite grey	Black
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BWT Match Skimmer, Liner/Concrete (LB)								
40090085	40090081	40090092	40090082	40090095	40090091	40090088	40090087	40090089

BWT Match Skimmer, Liner/Concrete, Mirror (LB-MR)								
40091085	40091081	40091092	40091082	40091095	40091091	40091088	40091087	40091089

BWT Match Skimmer, Liner/Concrete (LB), with inserts								
40092085	40092081	40092092	40092082	40092095	40092091	40092088	40092087	40092089

BWT Match Skimmer, Liner/Concrete, Mirror, with inserts (LB-MR)								
40093085	40093081	40093092	40093082	40093095	40093091	40093088	40093087	40093089

BWT Match Skimmer, Cartridge, Liner/Concrete (C-LB)								
40094085	40094081	40094092	40094082	40094095	40094091	40094088	40094087	40094089

BWT Match Skimmer, Cartridge, Liner/Concrete, with inserts (C-LB)								
40095085	40095081	40095092	40095082	40095095	40095091	40095088	40095087	40095089

BWT Match Skimmer, Cartridge, Liner/Concrete, Mirror (C-LB-MR)								
40096085	40096081	40096092	40096082	40096095	40096091	40096088	40096087	40096089

BWT Match Skimmer, Cartridge, Liner/Concrete, Mirror , with inserts (C-LB-MR)								
40097085	40097081	40097092	40097082	40097095	40097091	40097088	40097087	40097089



LIDS
available in 3 patterns



↑
LIDS
available in 3 colours



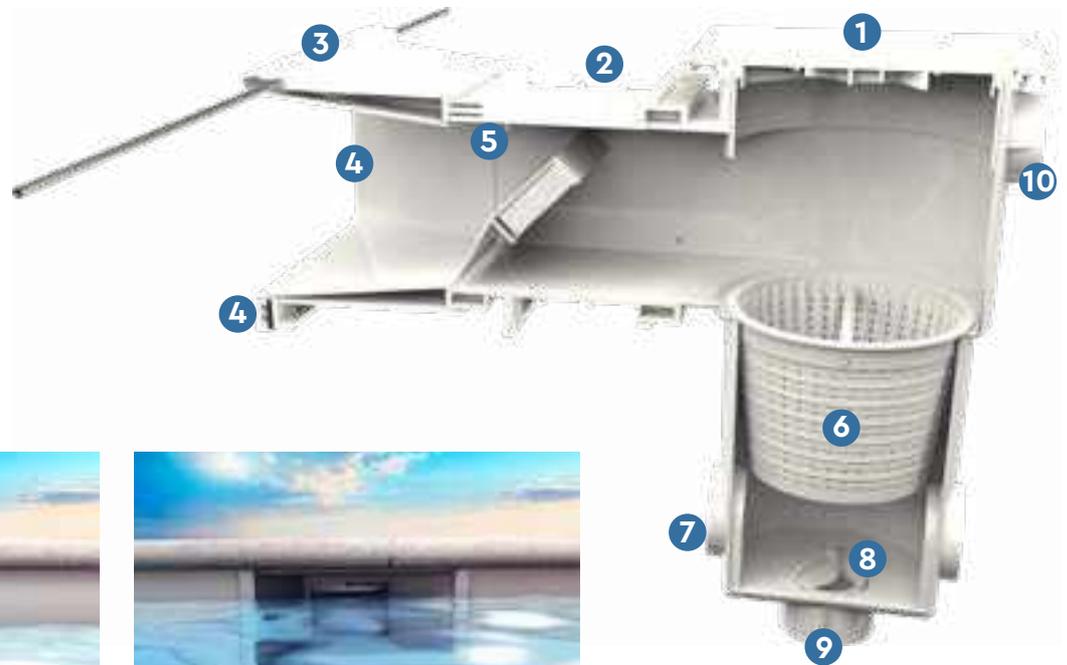
Sun →

↑ Sand

	Code	Description
1	40090500	Match skimmer lid frame and lid, Sun, beige
2	40090800	Match skimmer lid frame and lid, Sun, grey
3	40090700	Match skimmer lid frame and lid, Sun, anthracite
	40090501	Match skimmer lid frame and lid, Wave, beige
	40090801	Match skimmer lid frame and lid, Wave, grey
	40090701	Match skimmer lid frame and lid, Wave, anthracite
	40090502	Match skimmer lid frame and lid, Sand, beige
	40090802	Match skimmer lid frame and lid, Sand, grey
	40090702	Match skimmer lid frame and lid, Sand, anthracite

THE MIRROR SKIMMER *in detail*

PRO EXCLUSIVE 



Classic Skimmer



Mirror Skimmer

1 Push and twist locking mechanism

- The skimmer lid is equipped with a locking mechanism that prevents it from being opened accidentally. This is an effective way of protecting children.
- The skimmer lid is housed in a telescopic frame so that the height can be adjusted to lie flush with the pool deck.

2 Wide choice of throat lengths

- Thanks to its modular design, the length of the skimmer throat can be adjusted between 20 and 457 mm to adapt to any configuration (whatever the thickness of the pool wall by adding one or more extension throats and a skimmer mouth).

3 Choice of skimmer mouths

- Skimmers can be fitted with a standard skimmer mouth, or a wide skimmer mouth, depending on requirements.

Pre-fix collar

- Skimmers feature a pre-fix collar, used to install them on prefabricated structures.

4 Face plate trim

- A face plate clips onto the skimmers to hide the skimmer flange and screws.

5 Weir damper

- The skimmer mouth is equipped with a stopper to lessen the noise made by the weir when the pool water is very agitated.

6 Self-locking skimmer basket

- The basket is locked into place in the skimmer by means of a bayonet, push and twist locking mechanism. This prevents the basket from floating up when the filtration pump stops. The basket can be lined with a "Pool Bag" to improve particle retention.

7 Lateral outlet

- A 63 mm PVC spacer can be fitted here between the skimmer and the pool wall to further stabilise the skimmer's seating.

8 Flow regulator

- The body of the skimmer features a mobile flap to adjust the rate at which water is drawn into the skimmer.

9 Bottom outlet

- This 2" tapped outlet accepts a threaded adaptor socket (2"x 63 or 2"x 50) to connect the skimmer to the filtration system. These adaptor sockets are cheaper than tapped sockets of the same dimensions. The 1 1/2" threading is used to install a gizmo (protects the skimmers against freezing).

10 50 mm overflow

- This may be connected to waste with standard 50 mm PVC pipes used for filtration. Evacuates water very efficiently in the event of heavy rain.
- The overflow is sealed by a disc that may be pierced at one of several circular indentations allowing the height of the overflow to be altered in 5 mm increments.

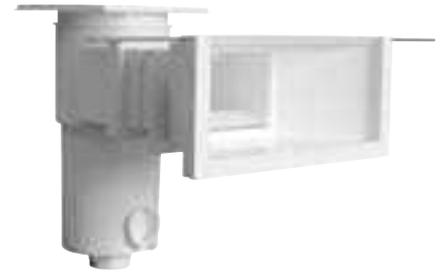


POOL FITTINGS - MIRROR SKIMMER

MIRROR SKIMMERS, MASONRY/ LINER **PRO EXCLUSIVE**

Family 2100

Code	Référence	Description
40067000	SL-119-M-MR	Mirror skimmer, wide mouth + extension throat



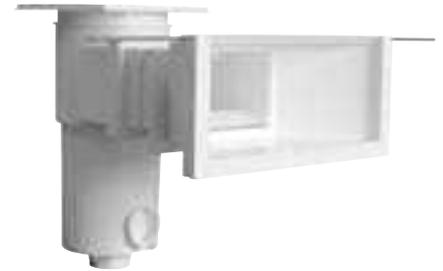
Beige	Grey	Anthracite grey
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Mirror skimmer, wide mouth+extension throat			
	40067085	40067088	40067087
	SL-119-MR-SA	SL-119-MR-GR	SL-119-MR-GA

MIRROR SKIMMERS, CONCRETE **PRO EXCLUSIVE**

Family 2100

Code	Reference	Description
40666000	SB-118-MR	Mirror skimmer, wide mouth + extension throat, concrete pools



MIRROR SKIMMERS, PANEL **PRO EXCLUSIVE**

Family 2100

Code	Reference	Description
40267000	SL-119-P-MR	Mirror skimmer, SL119-P-MR, white, liner/panel pools



The pipe descending from the bottom of the skimmer must be rigid, all the way to the floor of the excavation.



The pipe descending from the bottom of the skimmer must be rigid, all the way to the floor of the excavation.



For all skimmers, use theraccord 2" M63/ F50 union, code 1364051 "threaded nipples"

SKIMMER FOR PANEL POOLS



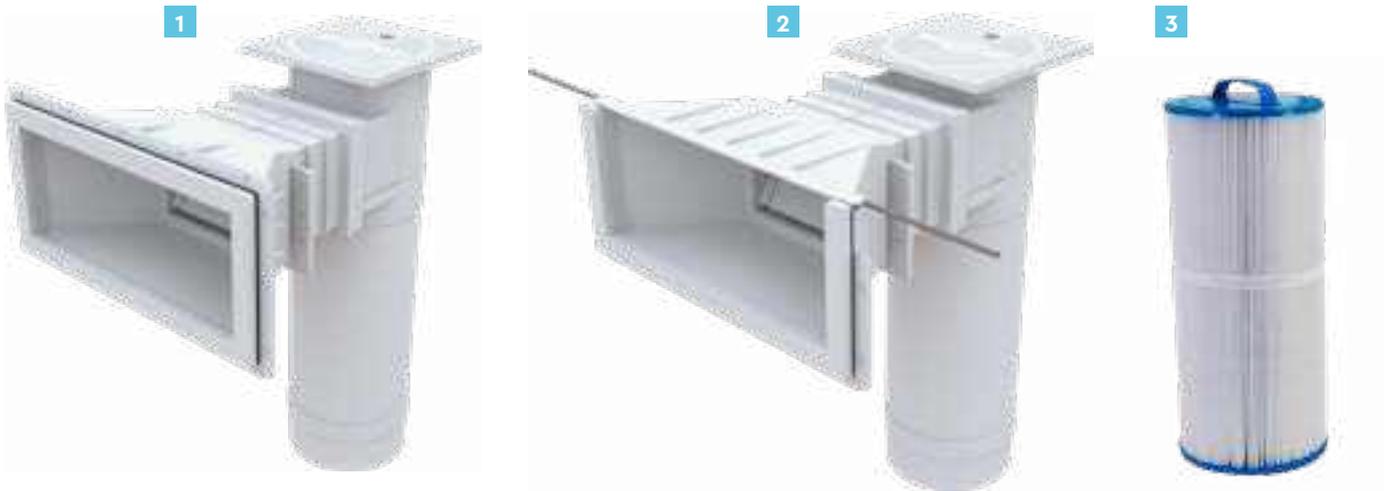
- No need for a filter
- Consumes less water, less electricity
- Simplified hydraulic circuit, faster to install
- Made in France



CARTRIDGE SKIMMERS

Family 2100

	Code	Description
1	8452229	Cartridge skimmer P-GM, panel pools →
2	8452329	Cartridge skimmer P-GM mirror, panel pools
3	8452239	Cartridge for skimmer P-GM, panel pools



Filtration surface area (m)	Height (mm)	Diameter (mm)	Filtration grade (µm)	Max flow rate (m³/h)
4.5	365	176	20	10





- Made of UV resistant, pool-grade ABS,
- Self-adhesive elastomer seals,
- Stainless steel screws, suited to every pool type,
- Protective, adhesive worksite covers,
- Available in a range of colours,
- Made in France.



THE SKIMMER in detail!

MADE IN FRANCE, SKIMMERS INCORPORATE THE LATEST TECHNOLOGICAL INNOVATIONS, QUALITY AND RELIABILITY ARE GUARANTEED.

The range comprises 4 versions: liner pools, traditional reinforced concrete pools, panel pools, polyester shell pools.

Our skimmers are made in France

- Skimmers are manufactured by BWT Pool Products, in its factory in Brittany, in northern France.
- ABS gives skimmers a shiny, bright finish that is stable over time thanks to its anti-UV treatment, and is resistant to the action of pool chemicals under normal operating conditions. The skimmer body is always the same, irrespective of the skimmer version (concrete, liner, etc.) All skimmer colours match BWT Pool Products's range of liners and waterproofing membranes.
- In the event that a conventional concrete pool equipped with skimmers begins to leak, a liner or 1.50 mm reinforced membrane can easily be fitted. All that is needed are the flange, seals and screws necessary to transform your Concrete skimmer into a Liner skimmer.

Worksite protective covers

- The protective, self-adhesive worksite covers delivered with the skimmers protect the body and screw housings from damage or from being filled with mortar or cement while the pool is being built.

A single screw type

- All skimmer screws are the same, whatever the pool type, and are made of A4 stainless steel; it is easy to keep a stock on hand to satisfy after sales needs.

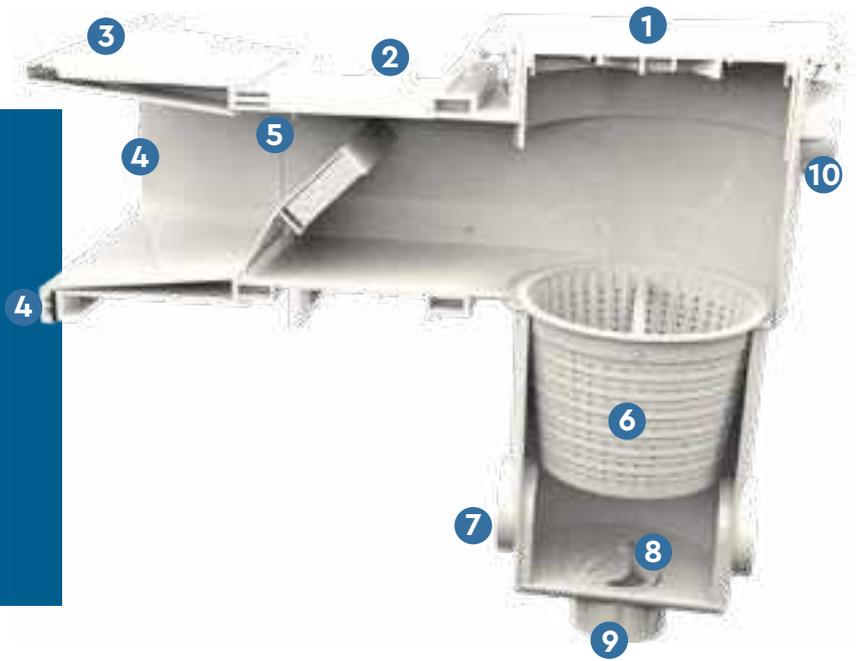
Self-adhesive seals

- Masonry, liner, panel type pool fittings, are delivered with 2 self adhesive elastomer seals, very easy to install and resistant to the action of pool chemicals.

Delivered in boxes of 2

- By packing SL-119 (liner) and SB-118 (concrete) skimmers in boxes of two, the price of the skimmers is reduced by 10 %.

Quality
& reliability
guaranteed!



- 1 Push and twist locking mechanism
- 2 Wide choice of horizontal depths
- 3 Choice of skimmer mouths
- 4 Face plate trim
- 5 Weir damper
- 6 Self-locking skimmer basket
- 7 Lateral outlet
- 8 Flow regulator
- 9 Bottom outlet
- 10 50 mm overflow



WONDERING HOW TO GIVE AN AGEING POOL A NEW LEASE OF LIFE?

The Renovation range offers a choice of trims that clip simply onto existing pool fittings to lift and relook any ageing pool. Directional jets, main drain flange and grating, vacuum point caps, skimmer throat trims and face plates, underwater lights guts packs and face plates.

Skimmers are available in 6 colours as part of the Color range: Light blue, Dark blue, Beige, Grey, Anthracite grey and Black.





	Code	Reference	Description
1	40022000	SL-101	Skimmer, small mouth, liner pools
2	40031000	SL-111-M	Skimmer, small mouth, standard
3	40041000	SL-115-M	Skimmer, small mouth + extension throat, liner pools
	40061200	SL-119-M-2	Skimmer wide mouth + extension throat, liner pools Price per box of 2
		SL-119-M-2	Skimmer wide mouth + extension throat, liner pools 12 boxes, price per box of 2



The pipe descending from the bottom of the skimmer must be rigid, all the way to the floor of the excavation.

SKIMMER LID & LID FRAME

Familles 2105



	Code	Désignation
1	40061500	Skimmer lid & lid frame, beige, BWT
2	40061800	Skimmer lid & lid frame, grey, BWT
3	40061700	Skimmer lid & lid frame, anthracite, BWT



For all skimmers, remember to use the 2" M63/F50 union, code 1364051 "adapter nipple"





LEVEL CONTROLLERS

Family 2100

Code	Reference	Description
46000000	RN-305	Mechanical float level controller, adjustable
	RN-305	Mechanical float level controller, adjustable Set of 4, per unit



THROUGHWALL FLANGES & RETURN FITTINGS

Family 2100

	Code	Reference	Description	Nominal flow rate m ³ /h
4	43600000	TP-250	Throughwall flange TP-250	-
5	43000000	TP-240	Throughwall flange, universal, 250 mm	-
6	43020000	TP-270	Throughwall flange, 250 mm, liner nozzle and jet	7
		TP-270	Throughwall flange, 250 mm, liner nozzle and jet Set of 40, per unit	7
Liner return fitting				
7	42000000	RL-311	Return fitting, liner pool, fitting only	7
8	42030000	RL-315	Return fitting, liner, threaded 2" & 50 solvent, with directional jet	7
		RL-315	Return fitting, liner, threaded 2" & 50 solvent, with directional jet Set of 40, per unit	7



THROUGHWALL FLANGES & VACUUM POINTS

Family 2100

	Code	Reference	Description
9	43030000	TP-271	Throughwall flange, 250 mm, with integrated vacuum point and blanking cap
Vacuum point with blanking cap			
10	42060000	RL-323	Vacuum point with blanking cap, liner pool
		RL-323	Vacuum point with blanking cap, liner pool Set of 40, per unit



RETURN FITTINGS 2"

Family 2100

Code	Reference	Description	Nominal flow rate m ³ /h
42010000	RL-319	Return fitting with grate, Ø 63 solvent, liner pool	11



MAIN DRAINS

Family 2100



	Code	Reference	Description	Nominal flow rate m ³ /h
1	41015000	BL-311	Main drain, lateral outlet Ø 50 mm or 63 mm, solvent, liner pools	15
		BL-311	Main drain, lateral outlet Ø 50 mm or 63 mm, solvent, liner pools Set of 4, per unit	15
		BL-311	Main drain, lateral outlet Ø 50 mm or 63 mm, solvent, liner pools Set of 10, per unit	15
	41012000	BL-211	Main drain, 2 outlets (2" and 50 mm solvent), liner pools	12

LED UNDERWATER LIGHTS

Family 2100



	Code	Reference	Description
2	44006000	PL-07V-M	Underwater light with white LEDs, 13W / ~12V or = 20V, screw fitting
		PL-07V-M	Underwater light with white LEDs, 13W / ~12V or = 20V, screw fitting set of 6, per unit
3	44005000	PL-06V-M	Underwater light with colour LEDs, 16W / ~12V or = 20V, screw fitting

DECK BOXES

Families 2100 & 2105



	Code	Reference	Description
4	45000000	BC-84	Universal deck box, 2 outlets and 1 inlet
		BC-84	Universal deck box, 2 outlets and 1 inlet Set of 4, per unit
		BC-84	Universal deck box, 2 outlets and 1 inlet Set of 20, per unit
5	8492300	-	Pouch of two-component gel, 500 ml



The deck boxes allow connections to be made using 1.5 mm² cables (LED lamp)



The two component gel efficiently insulates connections inside the deck box.
Protection rating: IP68
Curing time: approximately 15 minutes at 25°C. The gel can easily be removed to allow access to the connections.



i Colours of pool fittings are matched to our liners and reinforced membranes. They are not RAL colours.

Beige	Grey	Anthracite grey
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Liner skimmer, wide mouth + extension throat

	40061085	40061088	40061087
	SL-119-M-SA	SL-119-M-GR	SL-119-M-GA

Throughwall flange/return fitting, 250 mm, with liner nozzle + jet

	43020085	43020088	43020087
	TP-270-SA	TP-270-GR	TP-270-GA

Return fitting, 2" threaded - 50 mm solvent, with directional jet

	42030085	42030088	42030087
	RL-315-SA	RL-315-GR	RL-315-GA

Throughwall flange, 250 mm, with integrated vacuum point and cap

	43030085	43030088	43030087
	TP-271-SA	TP-271-GR	TP-271-GA

Vacuum point with blanking cap

	42060085	42060088	42060087
	RL-323-SA	RL-323-GR	RL-323-GA

White LED underwater light, 13W / ~12V or = 20V, screw fitting, liner pools  

	44006085	44006088	44006087
	PL-07V-M-SA	PL-07V-M-GR	PL-07V-M-GA

Colour LED UW light, 16W / ~12V or = 20V, screw fitting, liner pools 

	44005085	44005088	44005087
	PL-06V-M-SA	PL-06V-M-GR	PL-06V-M-GA

Main drain with lateral outlet Ø 50 mm or 63 mm, solvent

	41015085	41015088	41015087
	BL-311-SA	BL-311-GR	BL-311-GA

SKIMMERS

Family 2100



	Code	Reference	Description
1	40031000	SL111-M	Skimmer masonry/liner and concrete SL111-M, white BWT
	40061200	SL119-M-2	Skimmer masonry/liner and concrete SL119-M, set of 2, white BWT

THROUGHWALL FLANGES & RETURN FITTINGS

Family 2100



2



3



4



5

	Code	Reference	Description	Nominal flow rate m ³ /h
2	43600000	TP-250	Throughwall flange, 250mm, 2" tapped and 50 mm solvent	-
3	43620000	TP-260	Throughwall fitting, 250mm, with return fitting (concrete) and directional jet,	7
		TP-260	Throughwall fitting, 250 mm, with return fitting (concrete) and directional jet box of 20, per unit	7
4	42630000	RB-310	Return fitting, 2" threaded 50 mm solvent, with directional jet	7
		RB-310	Return fitting, 2" threaded 50 mm solvent, with directional jet box of 20, per unit	7
5	42600000	RB-309	Return fitting, 2" threaded 50 mm solvent, fitting only, concrete pools	7



For all skimmers, remember to use the 2" M63/F50 union, code 1364051 "adapter nipple"



For a vacuum point, remember to use s RB-309 body, code 42600000 and a vacuum fitting renovation trim.



RETURN FITTINGS 2"

Family 2100

Code	Reference	Description	Nominal flow rate m ³ /h
42610000	RB-318	Return fitting with grate, Ø 63 solvent, concrete pools	11



MAIN DRAINS

Family 2100

	Code	Reference	Description	Nominal flow rate m ³ /h
1	41015000	BL-311	Main drain, lateral outlet Ø 50 mm or 63 mm, solvent, liner pools	15
	41012000	BL-211	Main drain, 2 outlets (2" and 50 mm solvent), liner pools	12



The BL-311 model is anti-vortex.

DECK BOXES

Families 2100 & 2105



	Code	Reference	Description
1	45000000	BC-84	Universal deck box, 2 outlets and 1 inlet
	45000000	BC-84	Universal deck box, 2 outlets and 1 inlet Set of 4, per unit
	45000000	BC-84	Universal deck box, 2 outlets and 1 inlet Set of 20, per unit
2	8492300	-	Pouch of two-component gel, 500 ml

- i** The deck boxes allow connections to be made using 1.5 mm² cables (LED lamp).
- i** The two component gel efficiently insulates connections inside the deck box.
Protection rating: IP68
Curing time: approximately 15 minutes at 25°C.
The gel can easily be removed to allow access to the connections.

LED UNDERWATER LIGHTS

Family 2100



	Code	Reference	Description
3	44006000	PL07V-M	Masonry/liner & concrete UW light PL07V-M, white LEDs, 13W / ~12V or = 20V, screw fitting, white
4	44005000	PL06V-M	Masonry/liner & concrete UW light PL06V-M, colour LEDs, 16W / ~12V or = 20V, screw fitting, white

LEVEL CONTROLLERS

Families 2100 & 2105



	Code	Reference	Description
3	46000000	RN-305	Mechanical float level controller, adjustable
		RN-305	Mechanical float level controller, adjustable Set of 4, per unit

- i** The RN-405 level controller is not compatible with pools fitted with mirror skimmers.



SKIMMERS

Family 2100

Code	Reference	Description
40261200	SL-119-P-2	Panel/liner skimmer, SL-119-P, set of 2, white
		Panel/liner skimmer, SL-119-P, set of 2, white Box of 12



The pipe descending from the bottom of the skimmer must be rigid, all the way to the floor of the excavation.

RETURN FITTINGS

Family 2100

	Code	Reference	Description	Nominal flow rate m ³ /h
1	42200000	RL-313	Return fitting only, with barrel union and seal, liner/panel pools *	7
2	42231000	RL-332	Return fitting with insert and jet and barrel union, liner/ panel pools **	7

* create a Ø 85mm hole in the panel.
** create a Ø 60mm hole in the panel.



VACUUM FITTINGS

Family 2100

Code	Reference	Description
42261000	RL-336	Vacuum point with insert, cap and barrel union, panel/liner pools



LEVEL CONTROLLERS

Families 2100 & 2105

	Code	Reference	Description
3	46000000	RN-305	Mechanical float level controller, adjustable
		RN-305	Mechanical float level controller, adjustable Set of 4, per unit



The RN-405 level controller is not compatible with pools fitted with mirror skimmers.



MAIN DRAINS

Family 2100



	Code	Reference	Description	Nominal flow rate m ³ /h
1	41015000	BL-311	Main drain, lateral outlet Ø 50 mm or 63 mm, solvent, liner pools	15
	41012000	BL-211	Main drain, 2 outlets (2" and 50 mm solvent), liner pools	12

LED UNDERWATER LIGHTS

Family 2100



	Code	Reference	Description
2	44006000	PL07V-M	Liner/ panel UW light PL07V-M, white LEDs, 13W / ~12V or = 20V, screw fitting, white
3	44005000	PL06V-M	Liner/panel UW light PL06V-M, colour LEDs, 16W / ~12V or = 20V, screw fitting, white

DECK BOXES

Families 2100 & 2105



	Code	Reference	Description
4	45000000	BC-84	Universal deck box, 2 outlets and 1 inlet
		BC-84	Universal deck box, 2 outlets and 1 inlet Set of 4, per unit
		BC-84	Universal deck box, 2 outlets and 1 inlet Set of 20, per unit
5	8492300	-	Pouch of two-component gel, 500 ml

The two component gel efficiently insulates connections inside the deck box.
Protection rating: IP68
Curing time: approximately 15 minutes at 25°C.
The gel can easily be removed to allow access to the connections.

The deck boxes allow connections to be made using 1.5 mm² cables (LED lamp).



POOL FITTINGS - PANEL POOLS

Family 2105



Beige	Grey	Anthracite grey
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Return fitting with insert, jet and nut, panel/ liner pools			
	42231085	42231088	42231087
	RL-332-SA	RL-332-GR	RL-332-GA

Colour LED underwater lights, panel/ liner pools, 16W / ~12V or = 20V, screw fittings 			
	44005085	44005088	44005087
	PL-06V-M-SA	PL-06V-M-GR	PL-06V-M-GA

White LED underwater lights, panel/ liner pools, 13W / ~12V or = 20V, screw fittings  			
	44006085	44006088	44006087
	PL-07V-M-SA	PL-07V-M-GR	PL-07V-M-GA

Main drain with lateral outlet Ø 50 mm or 63 mm, solvent, liner/ panel pools			
	41015085	41015088	41015087
	BL-311-SA	BL-311-GR	BL-311-GA



The return fittings and vacuum points face plates, as well as every part of the main drain, are coloured.



LEVEL CONTROLLERS - POLYESTER POOLS

Families 2100 & 2105

Code	Reference	Description
1 46000000	RN-305	Mechanical float level controller, adjustable
	RN-305	Mechanical float level controller, adjustable Set of 4, per unit



The recommended lighting solution for polyester shell pools is a flat underwater light with white or colour LEDs housed in a RL-326 return fitting.



SKIMMERS

Family 2100



Code	Reference	Description
40069000	SL-119-MI	Skimmer, wide mouth + extension throat, with insert, masonry/liner
40065000	SL-119-MI-MR	Mirror skimmer, wide mouth + extension throat, with insert, masonry/liner



The pipe descending from the bottom of the skimmer must be rigid, all the way to the floor of the excavation.

RETURN FITTINGS

Family 2100



Code	Reference	Description	Nominal flow rate m ³ /h
42329000	RLi-337	Return fitting masonry/liner, with inserts	7

VACUUM POINTS

Family 2100



Code	Reference	Description
42061000	RLi-338	Vacuum point, masonry/liner, with inserts

MAIN DRAINS

Family 2100



Code	Reference	Description	Nominal flow rate m ³ /h
41019000	BLi-311	Main drain, masonry/liner, lateral outlet Ø50 or Ø63, solvent, with inserts	15

LED UNDERWATER LIGHTS

Family 2100



Code	Reference	Description
44007000	PL07V-Mi	White LED underwater light, masonry/liner, with insert, 13W / ~12V or = 20V
44008000	PL06V-Mi	Colour LED underwater light, masonry/liner, with insert, 16W / ~12V or = 20V

PARABOLIC JET WATER BLADES

Family 2250

To achieve an even, harmonious water blade, the water flow rate must be constant. This can be achieved by installing and adjusting a ¼ turn valve on the water feed line.

Technical data.

- Available in three sizes to ensure a perfect fit in your pool or spa.
- Water blades fitted with LEDs work off a 12V DC supply with an electrical panel (4) that comes with a remote control. There are 10 light change sequences to choose from.

The flow rate of a 300 mm wide water blade depends on the vertical height of the water blade and the horizontal depth of the water fall.

The 'vertical height' is the distance between the water blade jet and the water level in the pool. It may not be greater than 900 mm.

The 'horizontal depth' is the horizontal distance between the water blade jet and the point of impact of the waterfall in the pool.

If the width of the blade is greater than 300 mm, 600 mm or 1200 mm, multiply the rate indicated on the graph by 2 (600 mm), 3 (900) or 4 (1200 mm).

For example, in the case of a parabolic water blade 900 mm wide, installed at a height of 1200 mm with a horizontal depth of 266 mm, the flow rate must be $2.7 \text{ m}^3/\text{h} \times 4 = 10.8 \text{ m}^3/\text{h}$.

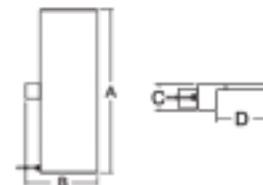
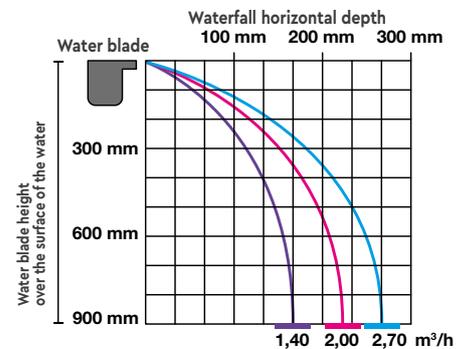


Code	Description
Parabolic jet water blades	
1	795200 Parabolic jet water blade 600 × 150 mm
2	795400 Parabolic jet water blade 1200 × 150 mm
Parabolic jet water blades with LEDs	
	795220 Parabolic jet water blade with 8W LEDs, 600 × 150 mm
	795420 Parabolic jet water blade with 16W LEDs, 1200 × 150 mm
3	795900 Electrical panel, 60W, for water blades with LEDs*

Description	A	B	C	D
Water blade 600 × 150 mm	606	263	76	150
Water blade 1200 × 150 mm	1206	263	76	150



Flow rates for a 300 mm long water blade.





Wondering how to give an old pool a new lease of life?

Our Color Renovation is a range of pool fitting trims that can be fitted painlessly and quickly over existing fittings to lift and relook any type of ageing pool. Directional nozzles, main drain flanges and grates, vacuum point caps, skimmer throat trims, face plates and weirs, underwater light guts packs and face plates.

BWT DEFORMABLE, UNIVERSAL GUTS PACK, CLIPPED, FOR UNDERWATER LIGHT

Family 2105



i The LED guts pack includes the underwater light face ring, an Ecoproof bulb and stainless steel clips. The 300W 12 V guts pack is fitted with a 2.30 m cable.

White face plate	
LED white	44081000
LED RGB	44095000

FACE TRIM FOR FIXED UNDERWATER LIGHTS

Family 2105



Light blue	Blue grey	Dark blue	Beige	Grey	Taupe	Argile	Anthracite grey	Black	Price exVAT
44900081	44900092	44900082	44900085	44900088	44900091	44900095	44900087	44900089	24.30

MOUTH AND THROAT TRIM FOR CONVENTIONAL SKIMMERS AND MIRROR SKIMMERS, WITH WEIR

Family 2105



Light blue	Blue grey	Dark blue	Beige	Grey	Taupe	Argile	Anthracite grey	Black	Price exVAT	White	Price exVAT
Mouth and throat trim for skimmers SL-117/119 & SB-116/118											
40961081	40961092	40961082	40961085	40961088	40961091	40961095	40961087	40961089	43.90	40961083	41.30
Mouth and throat trim for Mirror skimmer											
40967081	40967092	40967082	40967085	40967088	40967091	40967095	40967087	40967089	45.70	40967083	43.40



RETURN FITTING 23 MM DIRECTIONAL JET

Family 2105

Light blue	Blue grey	Dark blue	Beige	Grey	Taupe	Argile	Anthracite grey	Black
42030104	42030214	42030204	42030504	42030804	42030114	42030414	42030704	42030904

RETURN FITTING 12 MM DIRECTIONAL JET

Family 2105

Sable	Grey	Anthracite grey
42225504	42225804	42225704

FLANGES, GRATINGS AND GASKETS FOR RETURN FITTINGS RL319

Family 2105

Light blue	Blue grey	Dark blue	Beige	Grey	Taupe	Argile	Anthracite grey	Black
42010104	42010214	42010204	42010504	42010804	42010114	42010414	42010704	42010904

VACUUM FITTING BLANKING CAP

Family 2105

Light blue	Blue grey	Dark blue	Beige	Grey	Taupe	Argile	Anthracite grey	Black
48019100	48019210	48019200	48019500	48019800	48019110	48019410	48019700	48019900

FLANGES, GRATINGS AND GASKETS FOR MAIN DRAINS BL-211 / BB-210

Family 2105

Light blue	Blue grey	Dark blue	Beige	Grey	Taupe	Argile	Anthracite grey	Black
41012104	41012214	41012204	41012504	41012804	41012114	41012414	41012704	41012904

FLANGES, GRATINGS AND GASKETS FOR MAIN DRAINS BL-311 / BB-310 & RETURN FITTINGS RL303

Family 2105

Light blue	Blue grey	Dark blue	Beige	Grey	Taupe	Argile	Anthracite grey	Black
41015104	41015214	41015204	41015504	41015804	41015114	41015414	41015704	41015904

POOL FITTINGS & PIPEWORK



- Elegant design
- Mimics the sensations of free swimming in the pool
- Soft, even current similar to free swimming conditions



A natural swimming experience!



SS
Version

Installation conditions:

- Minimum pool size: 3.5 × 6 m
- Not compatible with round or oval pools
- Optimum water depth at the installation point: 1.2 – 1.5 m

Pool type:

- Concrete (Liner/ Tile)
- Steel wall pools
- Liner pools: max. wall thickness. 7 mm (contact us if the wall is thicker than 7 mm > different screws)
- The rear surface of the pool wall must be smooth to ensure a leaktight seal

General specifications:

- Maximum flow rate: 350 m³/h
- Innovative propeller technology
- Electrical power 3000 W
- Power transmission via magnetic coupling
- Intelligent adjustment of performance
- Efficient motor, no fan
- All electrical components are hermetically separated from the pool water
- Guarantee: 2 years
- Available in 3ph only
- Safety guaranteed

Code	Description
963100	BADUJET Turbo Pro SS – BWT face plate and pool fitting pack Motor drive system with 10 m cable
963200	BADUJET Turbo Pro – Motor drive system pack
963000	BADUJET Turbo Pro SS – Full assembly – BWT Motor drive system with 25 m cable
963250	BADUJET Turbo Pro – Motor drive system pack
963050	BADUJET Turbo Pro SS – Full assembly – BWT Motor drive system with 45 m cable
963280	BADUJET Turbo Pro – Motor drive system pack
963080	BADUJET Turbo Pro SS – Full assembly – BWT
	Options
963110	Additional kit for walls 8 to 17 mm thick
963120	Additional kit for walls 18 to 27 mm thick



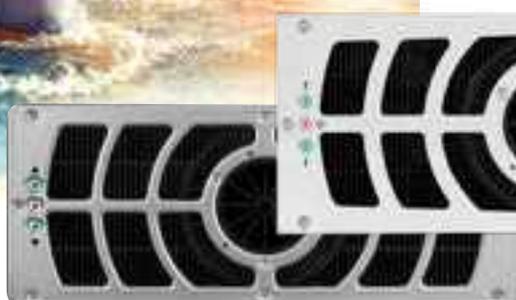
- Elegant design
- Mimics the sensations of free swimming in the pool
- Soft, even current similar to free swimming conditions
- The ABS version is compatible with pools treated by salt electrolysis and thermal water



*The sensation
of an ocean
swim...*

*... in your
swimming pool!*

ABS
Version



SS
Version



Installation conditions:

- Minimum pool size: 3 × 5 m
- Not compatible with round or oval pools
- Optimum water depth at the installation point: 1.2 – 1.5 m

Pool type:

- Concrete (Liner/ Tile)
- Steel wall pools
- Liner pools: max. wall thickness. 7 mm (contact us if the wall is thicker than 7 mm > different screws)
- The rear surface of the pool wall must be smooth to ensure a leaktight seal

General specifications:

- Maximum flow rate: 245m³/h
- Innovative propeller technology
- Electrical power 1500 W
- Power transmission via magnetic coupling
- Intelligent adjustment of performance
- Efficient motor, no fan
- All electrical components are hermetically separated from the pool water
- Guarantee: 2 years
- Available in 3ph only
- Safety guaranteed

Code	Description
964100	BADUJET Turbo SS – Pack with pool fittings and Design face plate
964110	BADUJET Turbo ABS – Pack with pool fittings and Design face plate
Motor drive system with 10 m cable	
964200	BADUJET Turbo – Motor drive system pack
964000	BADUJET Turbo SS – Full assembly – BWT
964010	BADUJET Turbo ABS – Full assembly – BWT
Motor drive system with 25 m cable	
964250	BADUJET Turbo – Motor drive system pack
964050	BADUJET Turbo SS – Full assembly – BWT
964060	BADUJET Turbo ABS – Full assembly – BWT
Motor drive system with 45 m cable	
964280	BADUJET Turbo – Motor drive system pack
964080	BADUJET Turbo SS – Full assembly – BWT
964090	BADUJET Turbo ABS – Full assembly – BWT
Options	
963110	Additional kit for walls 8 to 17 mm thick
963120	Additional kit for walls 18 to 27 mm thick

EUROPEAN LIGHTING REGULATIONS

LATEST EUROPEAN REGULATIONS CONCERNING ENERGY LABELLING OF LAMPS AND LIGHT SOURCES



The member states of the European Union are working together to harmonise standards, directives and regulations concerning the ecodesign and commercialisation of products that consume electrical energy in order to achieve sustainable utilisation of energy and resources.

The aim is to define the requirements, in terms of a product's energy efficiency and ecodesign including repairability and recyclability, incumbent on suppliers (manufacturers, importers and vendors) and to provide the end consumers with a better visibility and understanding prior to purchase.

Advantage for consumers

Consumers can access the data base by scanning the QR code on the new energy labels. The data base provides detailed information on all products registered. This could be, for example, energy efficiency (class), external dimensions, or the minimum guarantee offered by the supplier.

The EPREL data base holds the product specific data sheet and energy label for every product registered.

Advantages for supervisory bodies on the market

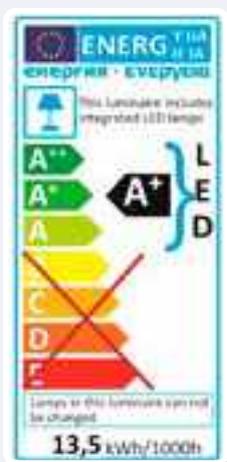
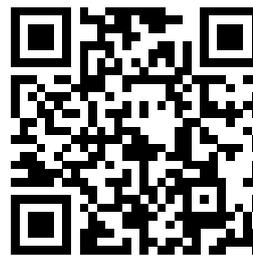
The public auditing bodies (customs services, anti-fraud services, etc.) of each member country have access to the data base and can check that products sold in the EU comply with the ecodesign and energy labelling requirements set out in the regulations.

This information should be available on the packaging, technical documentation and brochures of light sources or luminaires containing said light sources.

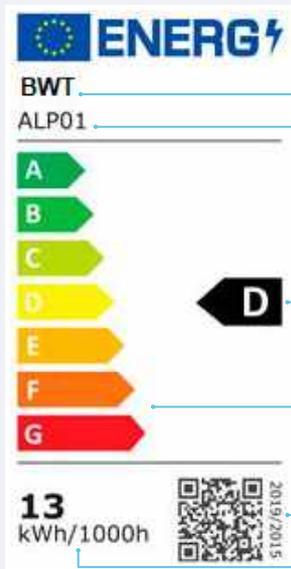
Sample labels

This regulation, published on March 11th 2019 and amended on December 17th 2020, defines the new energy label for light sources.

It sets out the method for establishing the energy efficiency class of each light source using electrical and photometric measurements.



Old product label



New light source label

Supplier name
Model ID

Product energy efficiency class

Energy efficiency classes renamed and reclassified from "A++ - E" to "A - G"

NEW: A product-specific QR code for every product

Energy consumed (kWh/1 000h)



Lighting solutions to illuminate your pool



DESCRIPTION	BWT flat LED underwater light, White	BBWT flat LED underwater light, RGB + RC	BWT tubular LED underwater light, White	BWT tubular LED underwater light, RGB
DIAMETER	290 mm	290 mm	49 mm	49 mm
SERVICE LIFE	10 000 h	15 000 h	10 000 h	15 000 h
CONSTRUCTION	Liner / Concrete / Panel			
ATTACHMENT	To be screwed into a vacuum point 1.5"			
FINISH	Beige, grey, anthracite grey, white	Beige, grey, anthracite grey, white	See the trim	
VOLTAGE	~12V or = 20V			
POWER	13 W	16 W	6 W	8 W
ENERGY CLASS				
LUMENS	1450	600	680	360
NUMBER OF LEDS	60	90	18	9
TYPE OF LIGHT SOURCE	ALPo1	ALPo2	PHSW-LED	PHSRGB-LED
LIGHT COLOUR	Cold white	Colour + RC	Cold white	Colour
REMOTE CONTROL				
PAGES	139	139	139	139



Underwater light, screwed, liner/concrete/panel PL07, White	Underwater light, screwed, liner/concrete/panel PL06, RGB
290 mm	290 mm
10 000 h	15 000 h
Liner / Concrete / Panel	
Screwed, with insert	
✓ Beige/ Grey/ Anthracite grey /White	
12 v	
13 W	16 W
1450	600
60	90
ALPo1	ALPo2
Cold white	Colour
	✓
120	120



Select
your LED
lamp!



UNDERWATER LIGHT	BWT			
LAMP DESCRIPTION	BWT LED lamp, white PAR56	BWT LED lamp, RGB PAR56 + RC	BWT LED lamp, white PAR56 Ecoproof	BWT LED lamp, RGB PAR56 Ecoproof + RC
DIAMETER	178mm	178mm	178mm	178mm
SERVICE LIFE	10 000h	15 000h	10 000h	15 000h
WATTAGE	13 W	16 W	13 W	16 W
VOLTAGE	~12V ou = 20V		~12V ou = 20V	
ENERGY CLASS				
LUMENS	1450	600	1450	600
NUMBER OF LEDS	60	90	60	90
TYPE OF LIGHT SOURCE	ALPo1	ALPo2	ALPo1	ALPo2
LIGHT COLOUR	Cold white	Colour	Cold white	Colour
REMOTE CONTROL				
PAGES	140	140	140	140

BWT LED UNDERWATER LIGHTS

Family 2210



i The back of the bulb casing feature 1.5" threading that is screwed by hand into a vacuum fitting. The power cable is fed through a cable gland in the throughwall flange and connected to the deck box. The face plate prevents removal by persons not equipped with the correct tool.

	Code	Description
1	125252239	BWT flat LED underwater light, white ~12V or ≈ 20V
2	125252240	BWT flat LED underwater light, colour + RC - ~12V or ≈ 20V
3	125252401	BWT 4 function remote control, for colour LED underwater light

BWT LED UNDERWATER LIGHTS

Family 2210

	Code	Description
4	125252241	BWT tubular LED underwater light white - ~13V or ≈ 20V 6 W
	125252242	BWT tubular LED underwater light colour - ~12V or ≈ 20V - 8 W



! Caution, this product is not compatible with TP 240, TP 260, TP 270 pr TP 271 throughwall flanges.

i Screwed by hand into a 1.5" mm vacuum point

ROUND AND SQUARE FACE TRIM FOR BWT TUBULAR UNDERWATER LIGHTS

Family 2210

	White	Light blue	Beige	Grey	Anthracite grey
	44074100	44074101	44074105	44074108	44074107

	White	Light blue	Beige	Grey	Anthracite grey
	44074110	44074111	44074115	44074118	44074117



! Our LED lamps work off a ~12V or ≈ 20V power supply, this is in accordance with the standard EN60598-2-18 (governing pool lighting). When installing an underwater light in a swimming pool, basic electrical safety regulations must be followed; connectors and an insulating gel must be used to avoid risk of irreversible damage. LEDs require a constant current, they are very sensitive to voltage fluctuations. The drivers used by our lamps allow them to operate within a voltage range of 11.5 to 15 V thus prolonging their service life. The transformers fitted in our electrical panels (Swimline, SR-Light) also meet these requirements. A significant increase of the supply voltage could cause irreparable damage to some LED driver components and, in addition, exceed the maximum voltage allowed in a pool. In the event that our LED underwater lights are powered by an electrical panel from another manufacturer, check the transformer's voltage fluctuation range and make sure that this corresponds to the constraints imposed by an LED lamp.

BWT LED LAMPS

Family 2210



i PAR56 ecoproof LED lamp:
Compatible with all niches on the market, may be installed in place of a standard 300 W incandescent lamp:
Integration – save on labour and material,
Renovation – thanks to its renovation kit, it is compatible with all PAR56 niches on the market (see the Renovation pages).

<p>Colour LEDs: 11 static colours and 5 automatic colour change sequences. Luminous output in water, 600 lumens. Consumption, 5 to 16 W. Exclusive RF system with remote control included.</p>	<p>White LEDs : Cold white light. Lumen output in water, 1450 lumens. Consumption, 13.5 W.</p>
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! All the LED bulbs listed have a flat guts pack; to replace the bulb with a rounded guts pack, see the AquaService catalogue.

	Code	Description	
1	125252235	BWT LED lamp, white PAR56 – 13W ~12V or = 20V	
	125252236	BWT LED lamp, colour PAR56 + RC – 16W ~12V or = 20V	
2	125252237	BWT LED lamp, white PAR56 Ecoproof – 13W ~12V or = 20V	
	125252238	BWT LED lamp, colour PAR56 Ecoproof + RC – 16W ~12V or = 20V	
3	125252401	BWT 4 function remote control, for colour LED underwater lights	

INSTALLATION KITS

Family2210



	Code	Description
4	44073020	Above-ground pool installation kit
5	44073040	Installation kit, 2 screw in UW lights
6	44073050	Extensions F2"/M2" tubular UW light
7	44073060	Renov wiring kit, PAR56 Ecoproof
8	44073090	GELBOX, protection rating IP68 cables max 3 × 6mm ²

TRANSMITTERS & RECEIVERS FOR UNDERWATER LIGHTS

Family 2210



Code	Description
44092014	1 channel RF unit for LED underwater light, ~12V ou = 14-24V, 220 Watts

• 2011 transmitters are not compatible with receivers sold previously.
The receiver RF 44092005 is compatible with electrical items up to 2x1500 W. The remote control is not compatible with bulbs sold without a remote control.

Float technical data:

- Material: black HD PE,
- Weight: 2,000 g
- Ballast: dried and vibrated sand.
- Watertight plug
- Safety hooks to hold the floats together
- Comes in boxes of 6 floats

Gizmo technical data:

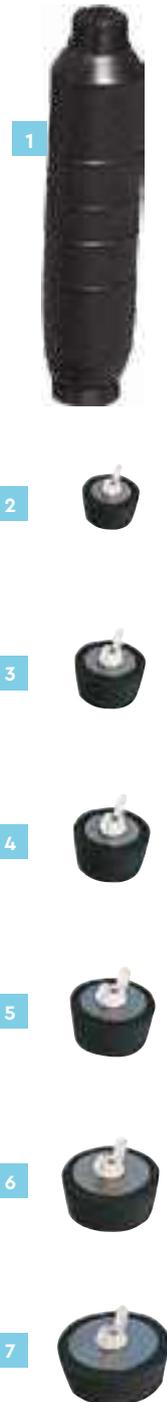
- Material: black HD PE,
- Height: 360 mm, including threading,
- Body diameter: 80 mm

Plug technical data:

- Conical rubber plugs, with butterfly screw

How to calculate the number of floats? The number of floats is calculated based on the width and length of the pool.	Pool length	Pool width	Number of floats required
First, calculate the pool diagonal: $\sqrt{\text{Length}^2 + \text{Width}^2}$.	8	4	17
Example: Length 8 m, width 4 m : $\sqrt{8^2 + 4^2} = 8.94 \text{ m}$	10	5	22
Then, calculate the number of floats required: Diagonal/ Float length (50 cm). Example: $894/50 = 17.88$, that is 17 floats.	12	6	26

Code	Description
	Gizmo
1	1067000 Gizmo – Skimmer freezing protection
	Winterizing plugs
2	1068020 Rubber anti-freeze plug 1" N°6
3	1068040 Rubber anti-freeze plug 1" 1/8 N°8
4	1068100 Rubber anti-freeze plug 1"1/4 N°9
5	1068000 Rubber anti-freeze plug 1"1/2 N°10
6	1068200 Rubber anti-freeze plug 1"3/4 N°11
7	1069000 Rubber anti-freeze plug 2" N°12



FLOW RATES AND RECOMMENDATIONS

FLOW RATES FOR PVC PIPES

Outer diameter (solvent weld diameter) of the pipe (mm)	Maximum recommended flow rate in m ³ /h (Speed 0.5 m/s)		Maximum recommended flow rate in m ³ /h at the suction fitting (Speed 1.5 m/s)		Maximum recommended flow rate in m ³ /h at the return fitting (Speed 2m/s)	
	PN 10	PN 16	PN 10	PN 16	PN 10	PN 16
25	0.7	0.6	2.1	1.9	2.7	2.5
32	1.1	1.0	3.4	3.1	4.6	4.2
40	1.8	1.6	5.3	4.9	7.0	6.5
50	2.9	2.6	8.7	7.7	11.6	10.3
63	4.6	4.1	13.8	12.2	18.4	16.2
75	6.5	5.8	19.5	17.4	26.0	23.2
90	9.4	8.3	28.1	25.0	37.5	33.4
110	14.0	12.4	41.9	37.3	55.9	49.8
125	18.1	16.1	54.2	48.2	72.2	64.3
140	23.1	21.5	69.3	64.6	92.4	86.1
160	30.8	28.1	92.4	84.3	123.2	112.4
200	48.2	43.9	144.5	131.7	192.7	175.6
225	61.0	55.5	183.1	166.6	244.2	222.1
250	75.3	68.7	225.9	206.0	301.2	274.7

MAXIMUM FILTRATION FLOW RATES

Filter diameter	Private pools Standard EN 1671361	Commercial pools Maximum flow rate to comply with regulations	
	Maximum filtration rate, in m ³ /h, for a through put of 50 m/h*	Maximum filtration rate, in m ³ /h, for a through put of 40 m/h*	Maximum filtration rate, in m ³ /h, for a through put of 30 m/h*
Ø400	6.0	4.8	3.6
Ø500	10.0	8.0	6.0
Ø610	14.0	11.2	8.4
Ø760	22.0	17.6	13.2
Ø920	33.0	26.4	19.8
Ø1050	43.8	35.0	26.3
Ø1200	56.3	45.0	33.8
Ø1400	77.5	62.0	46.5
Ø1600	100.0	80.0	60.0
Ø1800	126.3	101.0	75.8
Ø2000	152.5	122.0	91.5
Ø2350	207.5	166.0	124.5

(*) m³/h per m² of filtration surface area

Table of correspondence between nominal diameters (DN) and outer diameters of PVC pipes	
Nominal diameter (DN) (mm)	Outer diameter (solvent weld diameter) (mm)
100	110
-	125
125	140
150	160
-	200
200	225
-	250



0.5 m/s: Below this speed, deposits will build up on the pool wall.
 1.5 m/s: Maximum recommended speed at the suction fittings to prevent cavitation of the pump.
 2 m/s: Maximum recommended speed at the return fitting to reduce load losses.
 3 m/s: Above this speed, the system is prone to vibration.

SUCTION OR RETURN MANIFOLD

Family 5600



Code	Description	Price exVAT
1398050	ABS suction manifold: 3 solvent inlets Ø 50 (male) and 1 outlet Ø 63 (female)	27.80
1398063	ABS suction manifold: 3 solvent inlets Ø 63 (male) and 1 outlet Ø 63 (female)	29.60
1399050	Manifold blanking cap, 50/63	3.47

LINER LEAK DETECTOR

Family 2300



	Code	Description
1	809100	Pressure kit, 28 parts
	809200	Pressure kit, 48 parts
2	1823800	Syringe of fluorescent yellow dye/ leak detection – 6 ml
3	1823850	Fluorescent yellow dye refill for syringe – 240 ml

ACCESSORIES FOR EUROSTAR HF, II & BELSTAR PUMPS

Family 2300

	Code	Description
4	545198	Tool to open a BWT Eurostar HF, II and Belstar pre-filter



PROGRAMMABLE PRESSURE GAUGE

Family 500

Code	Description
8051055	Pressure gauge D40 – 2.5 bar, lateral threading (1/4")





04 FILTERS

Complies with the following standards :

Directive 97/23/EC: Pressure equipment
NF EN 16713-1 (04/2016): Private family pools - Water distribution systems
Filtration systems - Requirements and test methods
NF EN 16713-2 (04/2016): Private family pools - Water distribution systems
Circulation systems - Requirements and test methods



- 146** HYDRAULIC OPTIMISATION
- 148** SAND FILTER RANGES
- 150** MYPOOL SAND FILTER RANGES
- 152** MYPOOL FILTRATION GROUP RANGES
- 154** THE RTM FILTER IN DETAIL
- 156** SAND FILTERS
- 161** MYPOOL FILTRATION GROUPS
- 163** MYPOOL SAND FILTERS
- 164** MYPOOL SAND FILTERS & FILTRE VALVES
- 166** UHFP CALIBRATED SILICA
- 167** FILTER MEDIA

HYDRAULIC *optimisation*

The current situation

During the summer, a pool accounts for 45% of the electrical consumption of a home, 90% is consumed by the filtration pump alone (excluding heating)*.

The service life of pool materials often comes up.

Pumps are installed close to homes and can cause noise pollution.

*Source: Report ADEME-EDF dated 2007 concerning the electrical consumption of private pools

The objectives

These observations led to three major objectives:

- Decrease the pool's electrical consumption
- Decrease noise pollution
- Increase the service life of materials



To meet all these objectives, there is one simple and sensible solution, hydraulic optimisation.

The principal is relatively simple. It involves optimising the sizing of the pool's hydraulic circuit by choosing materials that feature low hydraulic resistance. This makes it possible to install a smaller pump and maintain the same filtration rate.

Neither the operation of various pool devices (heat pumps, treatments systems, etc.) nor the efficiency of pool skimmers will be impacted by an inadequate flow of water.

Significant energy savings

A Eurostar II-50 pump on an optimised hydraulic circuit will generate the same flow rate (11.5 m³/h) as a Eurostar II-100 pump on a conventional hydraulic circuit. In this context, a Eurostar II-50 pump would only consume 600 W compared to a Eurostar II-100 pump which would consume 950 W, this corresponds to an energy saving of 36 %, or, in other words, several hundred Euro each year.

This solution offers the fastest return on investment

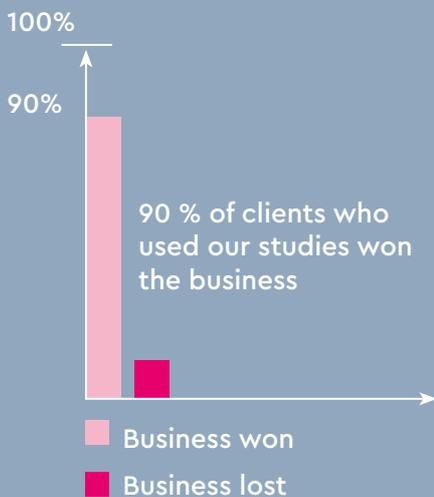
Hydraulic optimisation of an 8 × 4 m pool will cost the end user about 450 Euro after tax. Given the energy savings achieved (approximately 150 Euro per year), the return on investment is fast (3 years).

A more silent filtration group

Thanks to hydraulic optimisation, a smaller, and therefore quieter, pump can be installed. Hydraulic optimisation also decreases the speed at which water passes through the pipework, this reduces the amount of noise caused by water travelling through the system.

Increased service life of materials

Optimising the hydraulic circuit significantly reduces the pressure in the circuit. This increases the service life of every element of the hydraulic circuit: Pump, filter, heat exchanger, unions, etc.



Operation point of a standard filtration group
Consumption : 950 W



Load loss of an optimised hydraulic circuit in an 8×4 m pool

Load loss of a standard hydraulic circuit in an 8×4 m pool

EUROSTAR II-100 performance curve

EUROSTAR II-50 performance curve

Operation point of an optimised filtration group
Consumption : 600 W

BWT Pool Product's approach

BWT Pool Products decided to commit to hydraulic optimisation in several ways:

Investment in R&D

BWT Pool Products has built a test bench to measure load losses and establish the hydraulic fingerprint of every equipment item through which water flows that it offers (heat exchangers, electrolyser cells, etc.).

Using these hydraulic fingerprints and powerful hydraulic modelling software, we can simulate the load loss over a pool's hydraulic circuit.

BWT Pool Products is committed to the continuous improvement of its products in order to decrease the load losses that they generate.

Partnering pool professionals:

Hydraulic studies

BWT Pool Products offers customised Hydraulic Studies, an invaluable sales tool that assists your quest for hydraulic optimisation and sustainable development.

You fill in a simple form describing the pool's main characteristics. We then prepare a Hydraulic Study using our powerful hydraulic modelling software that precisely calculates the load loss generated by the hydraulic circuit. This allows us to recommend materials suited specifically to your project.

You will be provided with a comprehensive file that will allow you to provide your customer with detailed information concerning electrical consumption.

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SAND FILTER RANGES



	MODEL	FILTER TYPE	DIAMETER (MM)	MAX FLOW RATE (M ³ /H)	MULTIPORT VALVES	VALVE INLET/OUTLET PORTS
	RTM HF - side	Side	500 mm 610 mm 760 mm 920 mm	10 m ³ /h 14 m ³ /h 22 m ³ /h 33 m ³ /h	1.5" or 2"	1.5" or 2" screwed
	RTM CS - side	Side	500 mm 610 mm 760 mm 920 mm	10 m ³ /h 14 m ³ /h 22 m ³ /h 33 m ³ /h	1.5" or 2"	1.5" or 2" screwed
	RTM CT - top	Top	500 mm 610 mm 760 mm	10 m ³ /h 14 m ³ /h 22 m ³ /h	1.5" or 2"	1.5" or 2" screwed
	Poly Pearl - side	Side	450 mm 530 mm 620 mm 790 mm 950 mm	6 m ³ /h 10 m ³ /h 14 m ³ /h 22 m ³ /h 35 m ³ /h	1.5" or 2"	1.5" or 2" screwed
	Poly Pearl - top	Top	450 mm 530 mm 620 mm	6 m ³ /h 10 m ³ /h 14 m ³ /h	1.5" or 2"	1.5" or 2" screwed
	Python Side	Side	500 mm 610 mm 760 mm 920 mm	10 m ³ /h 14 m ³ /h 22 m ³ /h 33 m ³ /h	1.5" or 2"	1.5" or 2" screwed



MAX OPERATING PRESSURE	HYDRAULIC OPTIMISATION	INNER PIPEWORK DIAMETER	TANK TYPE	GUARANTEE	PAGE
2 bars	+++	63 mm	Low pressure injected fibrous resin		156
2 bars	++	63 mm	Low pressure injected fibrous resin		157
2 bars	+++	50 mm or 63 mm	Low pressure injected fibrous resin		157
2 bars	+	50 mm or 63 mm	Injected polypropylene		158
2 bars	++	50 mm	Injected polypropylene		159
2.5 bars (except the S-500 model)	+++	63 mm	Bobbin-wound reinforced polyester		160

MYPOOL SAND FILTER RANGES



MODEL	FILTER TYPE	DIAMETER (MM)	MAX FLOW RATE (M ³ /H)	MULTIPORT VALVES	VALVE INLET/OUTLET PORTS
Sand filters P-FI	Top	400 mm 500 mm	6 m ³ /h 11 m ³ /h	1.5"	50 mm solvent
Sand filters SF15	Top	252 mm	3,5 m ³ /h	1.5"	1.5" screwed
Sand filters SF25	Top	334 mm	4 m ³ /h	1.5"	1.5" screwed
Sand filters SF38	Top	334 mm	4 m ³ /h	1.5"	1.5" screwed
Sand filters SF45	Top	396 mm	6 m ³ /h	1.5"	1.5" screwed
Sand filters SF65	Top	476 mm	10 m ³ /h	1.5"	1.5" screwed
Sand filters SF85 - high flow rates	Side & Top	476 mm	10 m ³ /h	1.5"	1.5" screwed
Sand filters 200 - high flow rate	Side & Top	646 mm	15 m ³ /h	1.5"	1.5" screwed

MYPOOL SAND FILTER RANGES



FILTERS

MAX OPERATING PRESSURE	HYDRAULIC OPTIMISATION	INNER PIPEWORK DIAMETER	TANK TYPE	GUARANTEE	PAGE
1.1 bars	+	50 mm	injected ABS		163
1 bar	+	50 mm	High density polyethylene		163
1 bar	+	50 mm	High density polyethylene		163
1 bar	+	50 mm	High density polyethylene		163
2 bars	+	50 mm	High density polyethylene		163
2 bars	+	50 mm	High density polyethylene		163
2 bars	+	50 mm	High density polyethylene		164
2 bars	+	50 mm	High density polyethylene		164

MYPOOL FILTRATION GROUP RANGES

	MODEL	FILTRATION THROUGH RATE	VALVES	DIAMETER	MAXIMUM POOL VOLUME
P-GFI FILTRATION GROUPS					
	P-GFI 400 4 m³/h	4 m³/h	6-way	400 mm	20 m³
	P-GFI 400 6 m³/h	6 m³/h	6-way	400 mm	30 m³
	P-GFI 500 8 m³/h	8 m³/h	6-way	500 mm	40 m³
	P-GFI 500 11 m³/h	11 m³/h	6-way	500 mm	50 m³
PPF15 - 65 FILTRATION GROUPS					
	PPF15/3600SP, 3,6 m³/h	3,6 m³/h	4-way	248 mm	18 m³
	PPF25/4001SP, 4 m³/h	4 m³/h	4-way	320 mm	20 m³
	PPF45/7000WP, 6 m³/h	6 m³/h	6-way	396 mm	30 m³
	PPF65/8000WP, 8 m³/h	8 m³/h	6-way	476 mm	40 m³
PPF85 - 200 - HIGH FLOW RATE FILTRATION GROUPS					
	PPF85/19000WP, 10 m³/h	10 m³/h	6-way	476 mm	50 m³
	PPF200 /21000WP, 15 m³/h	15 m³/h	6-way	646 mm	75 m³

MYPOOL FILTRATION GROUP RANGES

QUANTITY OF SAND	PUMP	POWER	PACKAGING DIMENSIONS	GROSS WEIGHT	GUARANTEE	PAGE
20 kg	BWT myPOOL Plus 4	350 W	51 x 43 x 65 cm	14 kg	 	161
20 kg	BWT myPOOL Plus 6	450 W	51 x 43 x 65 cm	15 kg	 	162
50 kg	BWT myPOOL Plus 8	600 W	53 x 53 x 78 cm	23 kg	 	162
50 kg	BWT myPOOL Plus 11	690 W	53 x 53 x 78 cm	24 kg	 	162
13/15 kg	SP3600	140 W	45 x 26 x 41 cm	8 kg	X	162
20 kg	SP4001	300 W	57 x 35 x 41 cm	10.6 kg	X	162
25/30 kg	WP7000	450 W	71 x 42 x 51 cm	14.7 kg	X	162
50/60 kg	WP8000	500 W	79,5 x 53.5 x 63 cm	18 kg	X	162
75/80 kg	WP19000	550 W	79 x 53 x 76 cm	24 kg	X	162
150/160 kg	WP21000	750 W	111 x 78 x 67 cm	31.6 kg	X	162

Low pressure injection technology

- Low pressure injection moulding.
- Resin Transfer Moulding.

High technology

- High quality finish.
- Regular composite thickness.
- Perfectly smooth inner and outer surfaces.

Controlled automated production

- Irreproachable reproducibility.

Pressure resistance:

- Maximum operating pressure (according to NF EN 16713-1): 2 bar.

RTM filter: a filter designed with Professionals in mind

- Wide opening, Ø 250 mm, no nuts or bolts.
- Wide drain Ø 50 mm with strainer that can be unscrewed from the outside.
- Internal components are screwed together so dismantling is easy.

Guarantee

- 10 year guarantee on the filter shell.
- In the event of a replacement under guarantee, the cost of labour is also covered.



FILTER DIMENSIONS

Dimensions	Valve	A	B	C	D	E
Ø 500 – 20"	1"1/2	802	503	800	417	476
Ø 610-A – 24"	1"1/2	840	612	915	418	477
Ø 610-B – 24"	2"	840	612	930	418	493
Ø 760 – 30"	2"	985	762	1083	495	576
Ø 920 – 36"	2"	1111	923	1245	557	638



FILTER MEDIA

RTM filters	Ø 500 mm 20 "	Ø 610 mm A & B 24 "	Ø 760 mm 30"	Ø 920 mm 36"
Filter medium (kg)	75 (of which 25 Kg 2.0/4.0 gravel)	125 (of which 25 Kg 2.0/4.0 gravel)	250 (of which 50 Kg 2.0/4.0 gravel)	350 (of which 75 Kg 2.0/4.0 gravel)
Surface area (m ²)	0.2	0.28	0.44	0.65
Maximum filtration rate (m ³ /h/m ²)	50	50	50	50
Flow rate at 40 m ³ /h per m ² of filtration surface area (m ³ /h)	8	11.2	17.6	26.4
Flow rate at 50m ³ /h per m ² of filtration surface area (m ³ /h)	10	14	22	33*



*Due to the load loss generated, the maximum recommended flow rate for 920 filters fitted with a 2" valve is 26 m³/h (at this flow rate, the throughput is approximately 40m³/h/m²)

MAXIMUM FILTRATION RATE

Filter diameter	Private pool French standard FR EN 16782-1	Commercial pool Maximum flow rate to be in line with regulations	
	Maximum filtration rate, in m ³ /h, for a throughput speed of 50 m ³ /h/m ²	Maximum filtration rate, in m ³ /h, for a throughput speed of 40 m ³ /h/m ²	Maximum filtration rate, in m ³ /h, for a throughput speed of 30 m ³ /h/m ²
Ø500	10.0	8.0	6.0
Ø610	14.0	11.2	8.4
Ø760	22.0	17.6	13.2
Ø920	33.0	26.4	19.8

+

LCPRODU

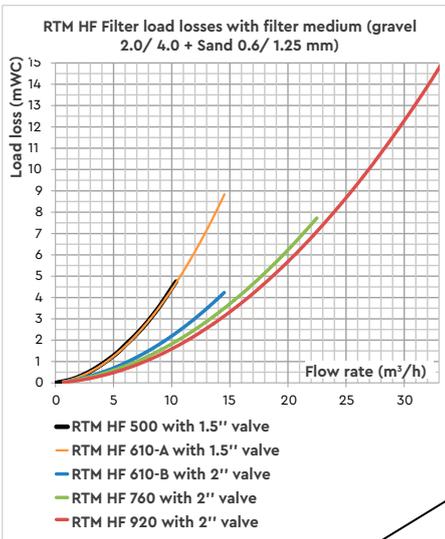
■ Very low load loss: the very best in hydraulic optimisation



RTM HF- SIDE 920

Technical data:

- Smooth, antibacterial inner surface for cleaner filtration,
- Very low load loss due to the design of the interior, the very best in hydraulic optimisation.
- Wide transparent lid, diameter 250 mm, with integrated air vent,
- Adjustable pressure gauge, to be mounted on the valve,
- No threading on the cover,
- Pre-assembled 1" ½ and 2", with solvent unions,
- Pipework diameter - 63 mm, large radius elbows, easy to dismantle,
- The upper collector can swivel through 90°,
- Lower drain, diameter 50 mm,
- Strainer on the lower drain, may be unscrewed from the exterior,
- A 38 mm hose tail may be fitted onto the lower drain to allow connection of a drainage hose,
- High linear flow rate laterals, 6 branch manifold,
- Colour customisation (subject to conditions),
- Easy to assemble,
- Simple to maintain.



Pre-assembled 1" ½ and 2" valves, with solvent unions, adjustable pressure gauge to be mounted on the lid.



Lower drain, diameter 50 mm



High flow rate laterals, 6-branch manifold with automatic vent.

Code	Description	Max flow rate m ³ /h	Filter Ø mm	Filter Height	Filter medium gravel/ sand	Valve
RTM HF sand filter with multiport valve						
22210400	RTM HF- SIDE 500	10	500	802	25 / 50	1"1/2
22310400	RTM HF- SIDE 610-A	14	610	840	25 / 100	1"1/2
22320400	RTM HF- SIDE 610-B	14	610	840	25 / 100	2"
22420400	RTM HF- SIDE 760,	22	760	989	50 / 200	2"
22520400	RTM HF- SIDE 920	33	920	1111	75 / 275	2"

RTM CS - SIDE FILTERS **PRO EXCLUSIVE**

Family 880

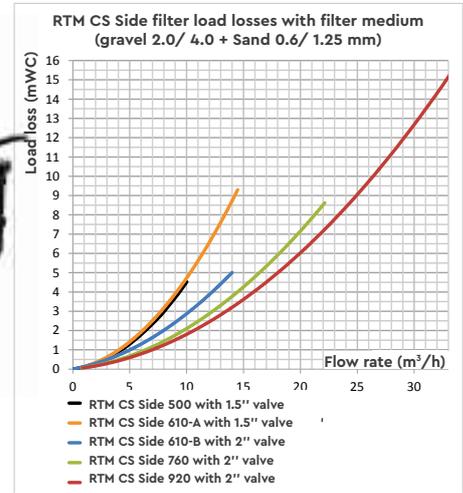
+ **PRODUCT**

- RTM CS 610 : Available with a 2" to significantly reduce load losses



Technical data:

- Wide transparent cover, diameter 250 mm, with air bleed,
- No threading on the cover,
- Comes with a 1" or 1 1/2" valve (not mounted, delivered in a separate package) and screw type unions,
- Pressure gauge to be mounted on the valve,
- Internal pipe work diameter, 63 mm,
- Lower drain, diameter 50 mm,
- Strainer on the lower drain, may be unscrewed from the exterior,
- A 38 mm hose tail may be fitted onto the lower drain to allow connection of a drainage hose,
- Bar laterals, 6 branch manifold, with automatic vent,
- Easy to assemble,
- Simple to maintain.



Code	Description	Max flow rate m³/h	Filter Ø mm	Filter Height	Filter medium gravel/ sand	Valve
RTM CS sand filter with multiport valve						
22210200	CS 500 with multiport valve	10	500	802	75 (of which 25 kg is gravel)	1 1/2"
22310200	CS 610-A with multiport valve	14	610	840	125 (of which 25 kg is gravel)	1 1/2"
22320200	CS 610-B with multiport valve	14	610	840	125 (of which 25 kg is gravel)	2"
22420200	CS 760 with multiport valve	22	760	985	250 (of which 50 kg is gravel)	2"
22520200	CS 920 with multiport valve	33*	920	1111	350 (of which 75 kg is gravel)	2"

RTM CT - TOP FILTERS **PRO EXCLUSIVE**

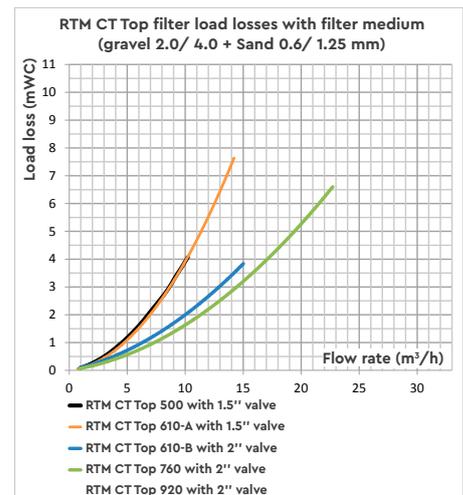
Family 880

+ **PRODUCT**

- Models up to 760 are available in Top 2'

Technical data:

- 1 1/2" or 2" valve (not mounted, delivered in a separate package),
- TOP lid, not assembled, with necessary o-rings,
- Pressure gauge to be mounted on the valve,
- Internal pipe work diameter, 50 or 63 mm,
- Lower drain, diameter 50 mm,
- Strainer on the lower drain, may be unscrewed from the exterior,
- A 38 mm hose tail may be fitted onto the lower drain to allow connection of a drainage hose,
- Bar laterals, 6 branch manifold,
- Easy to assemble,
- Simple to maintain.



Code	Description	Max flow rate m³/h	Filter Ø mm	Filter Height	Filter medium gravel/ sand	Valve
RTM CT sand filter with multiport valve						
22270200	CT 500 with multi-port valve	10	500	1029	75 (of which 25 kg is gravel)	1 1/2"
22370200	CT 610-A with multiport valve	14	610	1039	125 (of which 25 kg is gravel)	1 1/2"
22380200	CT 610-B with multiport valve	14	610	1080	125 (of which 25 kg is gravel)	2"
22480200	CT 760 with multiport valve	22	760	1220	250 (of which 50 kg is gravel)	2"



- Side filter diameter between \varnothing 450 mm and 950 mm for flow rates between 6 and 35m³/h



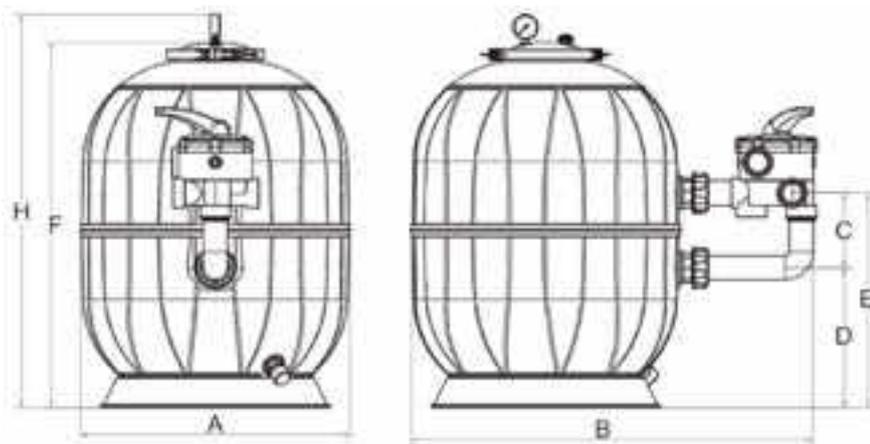
Technical data:

- Made in Europe.
- Smooth inner surfaces to prevent the growth of bacteria.
- Automatic air drain.
- Transparent lid.
- Injected polypropylene filter.
- 5 Side filters, 450 to 950, for flow rates from 6 to 35m³/h.
- Operating pressure up to 1.5 bar/ max 4 bar.
- Filter-valve connection kit, 6-way valve included.



Code	Description
125506001	Filter BWT Poly Pearl S450 - 1"1/2
125506002	Filter BWT Poly Pearl S530 - 1"1/2
125506003	Filter BWT Poly Pearl S620 - 1"1/2
125506004	Filter BWT Poly Pearl S790 - 2"
125506005	Filter BWT Poly Pearl S950 - 2"

Description	Height of the filter medium	Sand	Filter weight	Max. flow rate	Packaging dimensions
mm	mm	Kg 25 x n°	Kg	m ³ /h	axbxc (mm)
Filter BWT Poly Pearl S450 - 1"1/2	300	3	9	6	477x477x580
Filter BWT Poly Pearl S530 - 1"1/2	400	4	12	10	545x545x730
Filter BWT Poly Pearl S620 - 1"1/2	400	6	14	14	635x635x750
Filter BWT Poly Pearl S790 - 2"	450	10	27	22	800x800x965
Filter BWT Poly Pearl S950 - 2"	520	18	37	35	980x980x970



Filter diameter	Dimensions						
	\varnothing A mm	B mm	C mm	\varnothing D mm	E mm	F mm	H mm
\varnothing 450	716	150	206	356	585	645	1"1/2
\varnothing 530	730	150	281	431	735	795	1"1/2
\varnothing 620	820	150	299	449	770	830	1"1/2
\varnothing 790	1102	200	360	560	955	1010	2"
\varnothing 950	1270	200	370	570	970	1025	2"



POLY PEARL - TOP FILTERS

Family 880



- Top filter diameter between Ø 450 mm and 620 mm for flow rates between 6 and 14m³/h



Technical data:

- Made in Europe,
- Smooth inner surfaces to prevent the growth of bacteria.
- Automatic air drain.
- Transparent lid.
- Injected polypropylene filter.
- 3 Top filters, 450 to 620, for flow rates from 6 to 14 m³/h.
- Operating pressure up to 1.5 bar/ max 4 bar.
- Filter-valve connection kit, 6-way valve included.



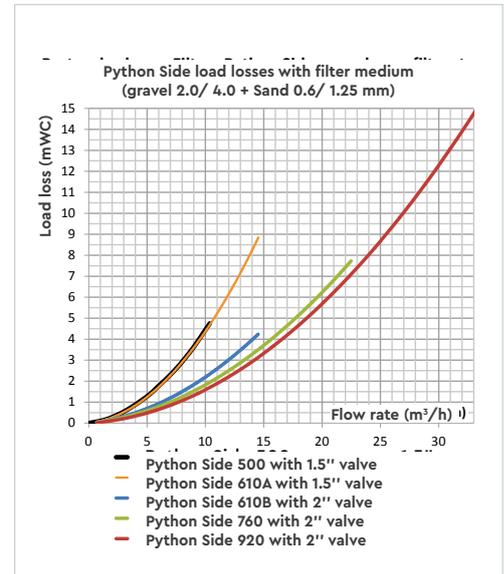
Code	Description
125506006	Filter BWT Poly Pearl T450 - 1"1/2
125506007	Filter BWT Poly Pear IT530 - 1"1/2
125506008	Filter BWT Poly Pearl T620 - 1"1/2

Description	Height of the filter medium	Sand	Filter weight	Max. flow rate	Packaging dimensions
mm	mm	Kg 25 x n°	Kg	m ³ /h	axbxc (mm)
Filter BWT Poly Pearl T450 - 1"1/2	300	3	9	6	477x477x580
Filter BWT Poly Pearl T530 - 1"1/2	400	4	12	10	545x545x730
Filter BWT Poly Pearl T620 - 1"1/2	400	6	14	14	635x635x750



Filter diameter	Dimensions		
	Ø A mm	F mm	H mm
Ø 450	600	770	1"1/2
Ø 530	756	926	1"1/2
Ø 620	792	962	1"1/2

+ **PRODUCT** ■ PYTHON 610B: Excellent hydraulic optimisation



Technical data:

- Bobbin-wound reinforced polyester tank,
 - Wide transparent lid, diameter 250 mm*,
 - Adjustable pressure gauge, to be mounted on the valve,
 - No threading on the lid*,
 - Pre-assembled multi-port valve, solvent unions,
 - Internal pipework diameter 63 mm, large radius elbow,
 - Lower drain, diameter 50 mm*,
 - Lower drain strainer, unscrewed from the outside*,
 - A 38 mm hose tail may be fitted onto the lower drain to allow connection of a drainage hose*,
 - High linear flow rate laterals, 6 branch manifold,
 - Maximum operating pressure (according to (NF EN 16782-1) : 2.5 bar.
- * except the S-500 model

Code	Description	Max flow rate m³/h	Filter Ø mm Height		Filter medium gravel/ sand	Valve
8051000	Python filter S-500	10	500	750	75 (of which 25 kg is gravel)	1"1/2
8051500	Python filter S-610-A	14	610	785	125 (of which 25 kg is gravel)	1"1/2
8051600	Python filter S-610-B	14	610	785	125 (of which 25 kg is gravel)	2"
8052100	Python filter S-760	22	760	900	250 (of which 50 kg is gravel)	2"
8052500	Python filter S-920	33*	920	970	350 (of which 75 kg is gravel)	2"

BWT *Due to the load loss generated, the maximum recommended flow rate for 920 filters fitted with a 2" valve is 26 m³/h (at this flow rate, the throughput is approximately 40m³/h/m²)

P-GFI FILTRATION GROUP **MyPOOL**

+ **PRODUCE** ■ Self-priming pump with pre-filter



Technical data:

- Light grey, ABS injection moulded sand filter,
- Self-priming pump, with prefilter,
- Pump/ filter connection kit, including 2 hose tails, Ø 38, tube of glue and 2 clamps,
- 6-way valve integrated into the upper section of the filter, fitted with 3 solvent inlets/outlets, Ø 50mm,
- Collector plate covering the entire surface area of the filter simplifies assembly (no individual laterals),
- The filter lid may be lifted off completely for easy access to the filter media,
- The filter comes with a black ABS base as standard,
- Maximum operating pressure (according to the French standard NF EN 16713-1): 1.1 bar.

Code	EAN13	Description	Filtration through rate m ³ /h
20575110	3566835525370	Filtration group P-GFI 400, 4 m ³ /h, grey	4
20575210	3566837022679	Filtration group P-GFI 400, 6 m ³ /h, grey	6
20775410	3566837022655	Filtration group P-GFI 500, 8 m ³ /h, grey	8
20775610	3566835528081	Filtration group P-GFI 500, 11 m ³ /h, grey	11

Description	Quantity of sand recommended per model (Kg)	Recommended pool volume (m ³)	Packaging dimensions (LxWxH, cm)	Packaged weight (Kg)
P-FI 400/4	20	24	51x43x65	14
P-FI 400/6	20	24	51x43x65	15
P-FI 500/8	50	32	53x53x78	23
P-FI 500/11	50	32	53x53x78	24



These filters are delivered without the filter medium (use sand with a grain sand between 0.6 and 1.25).

MYPOOL FILTRATION GROUPS

FILTRATION GROUPS PPF15 - 65



■ Light grey, high density polyethylene sand filter

Technical data:

- Light grey, high density polyethylene sand filter.
- Pump with pre-filter.
- Flexible pump/ filter connection kit and unions Ø 32-38 mm.
- 4-way valve (PPF15, 25 and 45) or 6-way valve (PPF45 and 65) integrated into the top section of the filter fitted with 3 inlet/ outlet solvent ports;
- Bar laterals, 6-branch manifold with drain.
- Delivered with a black base as standard (mini base for PPF15 and PPF25 models).
- These filters are delivered without the filter medium (use sand with a grain size of 0.4 to 0.8 mm).

These filters are delivered without the filter medium (use sand with a grain size of 0.4 to 0.8 mm).



	Code	Description
1	9610100	Filtration group PPF15/3600SP, 3,6 m ³ /h
2	9610230	Filtration group PPF25/4001SP, 4 m ³ /h
3	9610380	Filtration group PPF45/7000WP, 6 m ³ /h
4	9610480	Filtration group PPF65/8000WP, 8 m ³ /h

	Description	Filtration capacity	Valves	Outer diameter	Pool volume	Quantity of sand	Pump	Power	Packaging dimensions	Gross weight
1	PPF15/3600SP	3,6 m ³ /h	4 way	248 mm	<20 m ³	13/15 kg	SP3600	140 W	45 × 26 × 41	8 kg
2	PPF25/4001SP	4 m ³ /h	4 way	320 mm	20/30 m ³	20 kg	SP4001	300 W	57 × 35 × 41	10.6 kg
3	PPF45/7000WP	6 m ³ /h	6 way	396 mm	35/45 m ³	25/30 kg	WP7000	450 W	71 × 42 × 51	14.7 kg
4	PPF65/8000WP	8 m ³ /h	6 way	476 mm	45/55 m ³	50/60 kg	WP8000	500 W	79.5 × 53.5 × 63	18 kg

FILTRATION GROUPS PPF85 - 200 - HIGH FLOW RATE



■ High density polyethylene sand filter

Technical data:

- Light grey, high density polyethylene sand filter.
- Pump with pre-filter.
- Flexible pump/ filter connection kit and unions Ø 32-38 mm.
- 6-way valve (PPF85 and 200) integrated into the top section of the filter fitted with 3 inlet/ outlet solvent ports.
- Bar laterals, 6-branch manifold with drain.
- Delivered with a black base as standard.
- These filters are delivered without the filter medium (use sand with a grain size of 0.4 to 0.8 mm).



These filters are delivered without the filter medium (use sand with a grain sand between 0.4 and 0.8 mm).

	Code	Description
5	9610500	Filtration group PPF85/19000WP, 10 m ³ /h
6	9610600	Filtration group PPF200/21000WP, 15 m ³ /h

	Description	Filtration capacity	Valves	Outer diameter	Pool volume	Quantity of sand	Pump	Power	Packaging dimensions	Gross weight
5	PPF85/19000WP	10 m ³ /h	6 ways	476 mm	60/70 m ³	75/80 kg	WP19000	550 W	79 × 53 × 76 cm	24 kg
6	PPF200/21000WP	15 m ³ /h	6 ways	646 mm	80/100 m ³	150/160 kg	WP21000	750 W	111 × 78 × 67 cm	31.6 kg

P-FI SAND FILTERS

+ **PRODUCT** ■ Light grey, ABS injection moulded sand filter

Technical data :

- Light grey, ABS injection moulded sand filter,
- 6-way valve integrated into the upper section of the filter, fitted with 3 solvent inlets/outlets, Ø 50mm,
- The P-FI sand filter is delivered with the following unions (not assembled):
 - 2 hose tails, Ø 38mm/ male, solvent, Ø 50mm,
 - 2 hose tails, Ø 45mm/ male, solvent, Ø 50mm,
 - 1 translucent union, Ø 38mm/ male, solvent, Ø 50mm, for connection to the drain,
 - 1 tube of PVC union glue,
- Collector plate covering the entire surface area of the filter simplifies assembly (no individual laterals),
- The filter lid may be lifted off completely for easy access to the filter media,
- The filter comes with a black ABS base as standard,
- Maximum operating pressure (according to the French standard NF EN 16713-1): 1.1 bar



COLLECTOR PLATE

	Code	EAN13	Description
1	20070001	3566835523970	P-FI 400 sand filter with 1"1/2 valve, grey
	20270001	3566835523987	P-FI 500 sand filter with 1"1/2 valve, grey

Description	Quantity of sand recommended per model (Kg)	Recommended pool volume (m ³)	Packaging dimensions (LxWxH, cm)	Packaged weight (Kg)
P-FI 400	20	24	43x43x43	7
P-FI 500	50	32	53x53x57	11

SAND FILTERS SF15 - 65

+ **PRODUCT** ■ Light grey, high density polyethylene sand filter

Technical data:

- Light grey, high density polyethylene sand filter
- 4-way valve (PPF15, 25, 38 and 45) or 6-way valve (PPF65) integrated into the top section of the filter fitted with 3 inlet/ outlet solvent ports.
- Bar laterals, 6-branch manifold, with drain.
- Delivered without a base.



	Code	EAN13	Description
2	9610150	8033461077047	Sand filter SF15 - T-252 with valve
3	9610250	8033461077146	Sand filter SF25 / T-334 with valve
4	9610280	8033461077252	Sand filter SF38 / T-334 with valve
5	9610350	8033461076583	Sand filter SF45 / T-396 with valve
6	9610450	8033461076705	Sand filter SF65 / T-476 with valve

💡 GWT These filters are delivered without the filter medium (use sand with a grain size of 0.4 to 0.8 mm).

	Description	Material	Valves	Outer diameter	Height	Pool volume	Maximum operating pressure	Manifold	Sand	Quantity of sand	Packaging dimensions	Gross weight
2	SF15 TOP	HDPE	4 way	252 mm	592 mm	<20 m ³	1 bar	6-branch manifold, 80mm	Ø 0.4-0.8 mm	13/15 kg	45 x 26 x 41 cm	3.80 kg
3	SF25 TOP	HDPE	4 way	334 mm	582 mm	20/30 m ³	1 bar	6-branch manifold, 80mm	Ø 0.4-0.8 mm	18/20 kg	58 x 39 x 37 cm	5.10 kg
4	SF38 TOP	HDPE	4 way	334 mm	726 mm	25/45 m ³	1 bar	6-branch manifold, 100mm	Ø 0.4-0.8 mm	20/25 kg	40 x 40 x 61 cm	5.50 kg
5	SF45 TOP	HDPE	4 way	396 mm	633 mm	35/45 m ³	2 bar	6-branch manifold, 100mm	Ø 0.4-0.8 mm	25/30 kg	40 x 40 x 61 cm	6.10 kg
6	SF65 TOP	PEHD	6 way	476 mm	728 mm	45/55 m ³	2 bar	6-branch manifold, 100mm	Ø 0.4-0.8 mm	50/60 kg	48 x 48 x 77 cm	8.45 kg

MYPOOL SAND FILTERS & FILTRE VALVES

SAND FILTERS SF85 - 200 - HIGH FLOW RATE

+ **PRODUCT** ■ High density, polyethylene sand filter

Technical data :

- Light grey, high density polyethylene sand filter.
- 6-way valve with 3 inlet/ outlet solvent ports.
- Bar laterals, 6-branch manifold, with drain.
- Delivered without a base..



	Code	Description
1	9610550	FSF85 / T-476 sand filter with valve
2	9610580	SF85 / S-476 sand filter with valve
3	9610650	SF200 / T-646 sand filter with valve
4	9610680	SF200 / S-646 sand filter with valve

	Description	Material	Valves	Outer diameter	Height	Pool volume	Maximum operating pressure	Manifold	Sand	Quantity of sand	Packaging dimensions	Gross weight
1	SF85 TOP	HDPE	6 way	476 mm	909 mm	60/70 m ³	2 bar	6-branch manifold, 100mm	Ø 0.4-0.8 mm	75/80 kg	48 x 48 x 77 cm	10.21 kg
2	SF85 SIDE	HDPE	6 way	476 mm	697 mm	60/70 m ³	2 bar	6-branch manifold, 100mm	Ø 0.4-0.8 mm	75/80 kg	48 x 48 x 77 cm	11.40 kg
3	SF200 TOP	HDPE	6 way	646 mm	1035 mm	80/100 m ³	2 bar	6-branch manifold, 160mm	Ø 0.4-0.8 mm	150/160 kg	79 x 68 x 70 cm	15.66 kg
4	SF200 SIDE	HDPE	6 way	646 mm	812 mm	80/100 m ³	2 bar	6-branch manifold, 160mm	Ø 0.4-0.8 mm	150/160 kg	77 x 65 x 90 cm	17.40 kg

VALVES FOR RTM, PYTHON, AND VIPER FILTERS

Family 500



	Code	Description
1	202100	SM-10x32/P valve - 1"1/2 tapped ports, for S-500 and S-610-A
	202200	SM-20x32/P valve - 2" tapped ports, for S-610-B to S-1000
	202450	TOP-3000 1"1/2 valve - tapped 1" 1/2 ports, for Magic and Naja filtera



SOLIFLOW ADVANTAGES :

- Complete filtration system integrated into a compact unit 400 × 800mm,
- Unrestricted positioning of the return fitting(s) and the underwater light,
- There are no pipes or valves inside Soliflow: no risks of leaks, Self-priming 400W pump, very high yield, not compatible with a Redox potential greater than 750mV,
- Remote installed electrical panel,
- Can be installed with 1 or 2 return fittings,
- Disposable filter bag,
- Very little maintenance and winterizing,
- Discreet and visually pleasing,
- Runs very quietly.



BOX DIMENSIONS
(LXWXH) :
81 X 41 X 108 CM

Technical data:

- Compact filtration unit made of anti-UV treated ABS,
- Filtration finesse: 25 µm with a filter bag or 15 µm with a cartridge (optional),
- Throughput: 1.1 (m³/h)/m² with a cartridge and 10.2 (m³/h)/m² with a filter bag,
- Total filtration surface area: 1.08 m² (with a filter bag),
- Filtration flow rate with return fittings: 11 m³/h,
- Pump delivered assembled with a remote installed electrical panel that features a timer, motor protection and a 30 mA differential circuit breaker,
- Includes one transformer, for connection of an underwater light,
- Delivered with 6 filter bags,
- Reduced footprint: 400 × 800 × 1000mm,
- Weight: 22 kg.



REMOTE INSTALLED
ELECTRICAL PANEL

Code	Description
8410000	Soliflow with 11m ³ /h 1ph pump and electrical panel
Options	
8463401	Soliflow filter cartridge and housing
Wear parts	
8463100	Set of 5 spare filter bags
8493410	Soliflow filter cartridge



The French standard NFC15-100 requires the installation of a 30mA circuit breaker. As the Soliflow pump is submerged in water, it may be subject to corrosion, notably if the Redox potential of the water is greater than 750mV. If the pool is treated with a salt water electrolyser, the production of Sodium Hypochlorite must be controlled using a Redox sensor..

UHFP CALIBRATED SILICA

Ultra High Filtration Performance

The new Ultra-High Filtration Performance calibrated silica was formulated specifically for BWT Pool Products. It ensures super fine filtration that is key to meeting the challenges we set ourselves: to reduce the consumption of pool chemicals and decrease the consumption of energy.

UHFP calibrated silica is a highly siliceous quarry sand composed of 99.5 % Silica. The sand is rated as 7 on the Mohs scale of hardness (10 being the maximum).

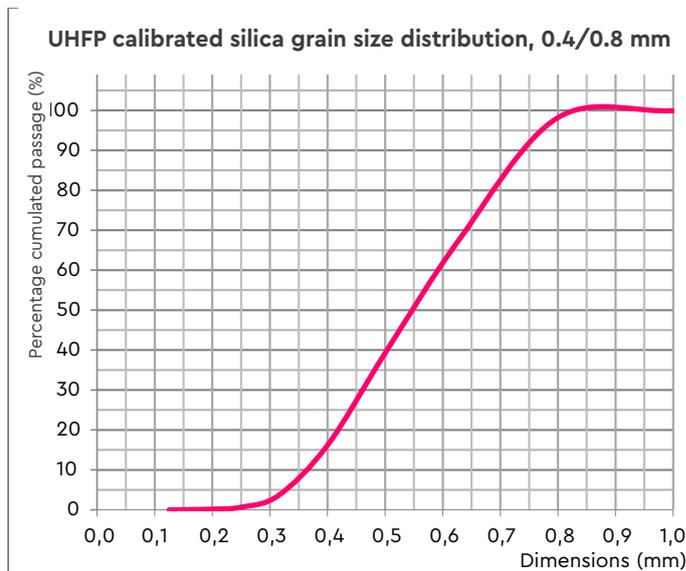
Description	
Silica	> 99.5 %
Aluminium	< 0.2
iron oxide	< 0.1
Lime	< 0.2
magnesium oxide	< 0.1
Sodium	< 0.1

The ultra-high filtration performance calibrated silica complies with the French standard NF EN 12904 (Standard concerning products used for the treatment of water intended for human consumption – Quartz gravel and sand).

The grain size that is particularly suitable for the filtration of swimming pool water; 98.2 % of the sand by weight has a grain size of less than 0.80 mm, this ensures excellent filtration finesse.

This new filtration silica, as well as all the various filtration sands and glasses on the market, were subjected to turbidity reduction tests in accordance with the standard NF EN 16713-1 Private family pools – Filtration systems.

However, we wanted to push testing further to mimic the operating conditions of a real pool subject to continuous pollution.



We conducted 5 test phases for each filter medium. At this time, the standard requires only 1 test phase.

Furthermore, UHFP calibrated silica achieves these performance levels without generating additional load loss.

In fact, the process used to manufacture this UHFP silica is mechanical grinding, this creates a rounded particle shape that limits load losses.

UHFP silica therefore offers a better filtration finesse without increasing the pump's energetic consumption.

This results in the reduced consumption of and increases the service life of the filtration pump.

UHFP calibrated silica is a true revolution in the world of pool water filtration.

Filter retention capacity
reduction of turbidity,
throughput rate

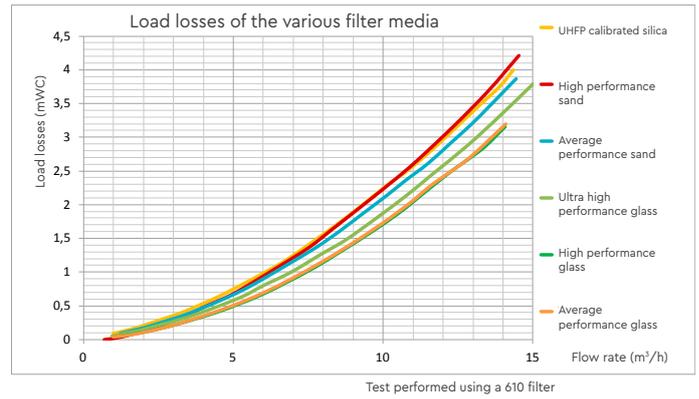
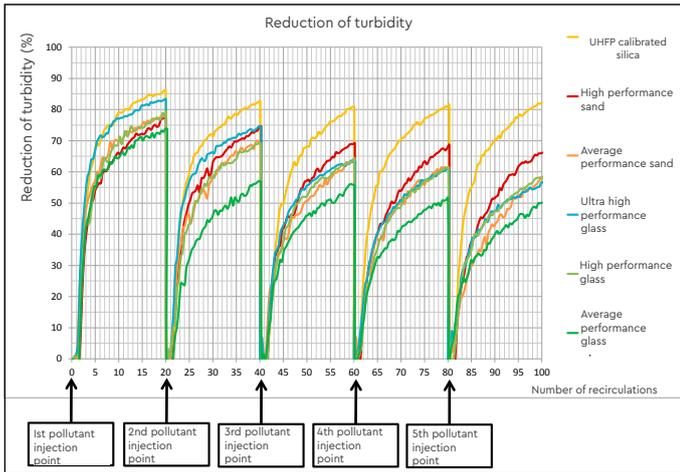
- The reduction of turbidity is directly dependant on the filters ability to retain small particles.
- The filter particle retention capacity is directly dependant on the rate of passage through the filter.

Some players on the market claim a filtration finesse of between 5 and 15 microns achieved by using ultra high performance glass.

The study opposite shows that UHFP calibrated silica reduces turbidity by 82.2%, while an ultra high performance glass only achieves a reduction of 57.8%.

UHFP calibrated silica reduces turbidity by 42% more than ultra-high performance glass.

This means that we can unequivocally state that UHFP calibrated silica is better than ultra high performance glass.



Filter media	Grain size of the 2 filtering layers	Speed of passage through the filter (m/h)	Reduction of turbidity after 5 test phases (%)
UHFP calibrated silica	Silica 0.4 / 0.8 mm – Silica 2.5 / 5.0 mm	50	82.2
High performance sand	Sand 0.6 / 1.25 mm – Gravel 2.0 / 4.0 mm	50	66.2
Average performance sand	Sand 0.8 / 1.3 mm – Gravel 2.5 / 5.0 mm	50	58.4
Ultra high performance glass	Glass 0.5 / 1.0 mm – Glass 3.0 / 6.0 mm	50	57.8
High performance glass	Glass 0.5 / 0.6 mm – Glass 1.0 / 1.1 mm	50	56.5
Average performance glass	Glass 0.7 / 1.3 mm – Glass 2.0 / 5.0 mm	50	50.1

UHFP CALIBRATED SILICA & HFP SAND **PRO EXCLUSIVE**

Family 600



Code	Description	
	Calibrated silica	
247100	UHFP calibrated silica 0.4/ 0.8 mm	Pallet of 48 bags, that is 1,200 Kg
247600	UHFP calibrated silica 2.5/ 5 mm	Pallet of 48 bags, that is 1,200 Kg
	Sand and gravel	
241100	High filtration performance sand 0.6/1.25	Pallet of 48 bags, that is 1,200 Kg
243100	High filtration performance gravel 2.0/4.0	Pallet of 48 bags, that is 1,200 Kg

05

PUMPS

Complies with the following standards:

Directive 2000/14/CE and 2005/88/EC: Noise Emissions of equipment designed for use inside of buildings.
NF EN 60335-1 (May 2013): household and similar electrical appliances. Safety - general requirements
NF EN 60335-2-41 +A1+A2 (July 2010): safety of pumps belonging to household and similar electrical appliances
Directive 2014/35/EU: the Low Voltage directive
Directive 2011/65/EU RoHS 2 : Reduction of Hazardous Substances in electrical and electronic devices and Directive 201/863/CE
NF EN 55014-1+A2 (February 2012): Electromagnetic compatibility. Part 1, Emission
NF EN 55014-2+A2 (July 2015): Electromagnetic compatibility. Part 2, Immunity
Directive 2014/30/EC: the Electromagnetic compatibility directive
NF EN 61000-6-1 (July 2015): Electromagnetic compatibility (ECM). Immunity for residential, commercial and light-industrial environments.
NF EN 61000-6-3 (July 2015): Electromagnetic compatibility (ECM). Emissions in residential, commercial and light-industrial environments.



- 170** FILTRATION PUMP COMPARISON
- 172** HYDRAULIC OPTIMISATION
- 173** EUROSTAR HF VARIABLE SPEED PUMP
- 174** BWT EUROSTAR HF PUMP
- 178** BWT SUPER STAR
- 180** BWT EUROSTAR II PUMPS
- 181** BWT I-STAR II PUMPS
- 182** MYPPOOL FILTRATION PUMPS

FILTRATION PUMP COMPARISON



MODEL	BWT Eurostar HF variable speed	BWT Eurostar HF	BWT Super Star NEW	BWT Eurostar II	BWT I-Star II
SELLING POINTS	+ Variable speed pump adapts the flow rate to pool demand resulting in energy savings	+ Runs very silently + Very low energy consumption + Pre-filter basket with LED lighting + Pre-filter basket separates into two sections for easy cleaning	+ Economical + Practical: easy opening + Quality, reliable and silent + 5 year guarantee, the best available on the market	+ The market benchmark + Tried and tested design + Corrosion proof	+ An excellent entry level model
FLOW RATE RANGE AT 10 mWC	24 m ³ /h max	7 to 40 m ³ /h	9 to 29 m ³ /h	7 to 18 m ³ /h	7 to 22 m ³ /h
TOTAL POWER CONSUMED BY THE PUMP P1	1400 W max	540 to 2900 W	350 to 2720 W	500 to 1400 W	580 to 1700 W
ENERGETIC PERFORMANCE	+++	+++	+++	++	++
ACOUSTIC PERFORMANCE	+++	+++	+++	++	++
SELF-PRIMING	✓	✓	✓	✓	✓
COMPATIBLE WITH AN ELECTROLYSER (5G/L SALT MAX.)	✓	✓	✓	✓	✓
UNIONS INCLUDED	✓	✓	✓	X	✓
SINGLE PHASE	✓	✓	✓	✓	✓
TRI PHASE	X	✓	✓	✓	✓
GUARANTEE					
PAGE	173	176	178	180	181



BWT myPOOL PLUS

+ Ideal for small above-ground pools

4 to 11 m³/h at 8 mWC

350 to 690 W

+

+

X

✓

✓

✓

X



182



Hydraulic optimisation



The BWT approach

BWT Pool Products has committed to hydraulic optimisation in several ways:

INVESTMENT IN R&D

BWT Pool Products has built a test bench to measure load losses and establish the hydraulic fingerprint of every equipment item through which water flows that it offers (heat exchangers, electrolyser cells, etc.).

Using these hydraulic fingerprints and powerful hydraulic modelling software, we can simulate the load loss over a pool's hydraulic circuit.

BWT is committed to the continuous improvement of its products in order to decrease the load losses that they generate.

PARTNERING POOL PROFESSIONALS: HYDRAULIC STUDIES

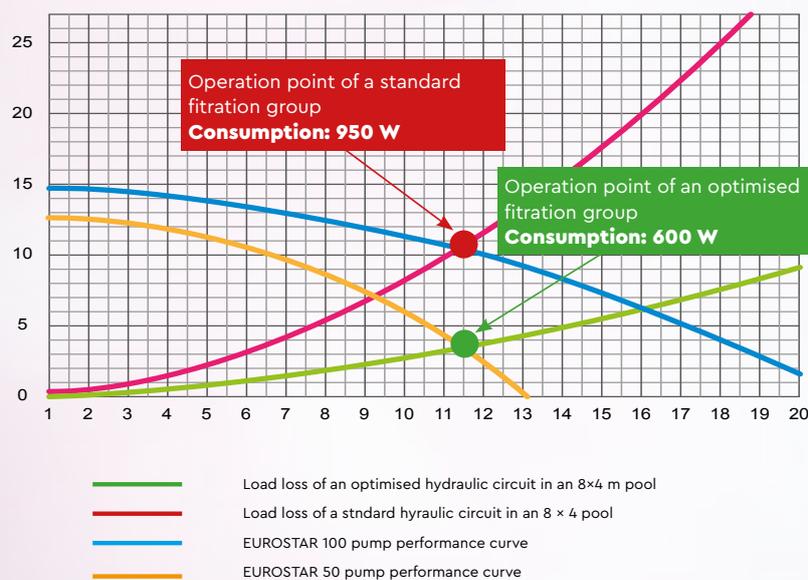
BWT Pool Products offers customised Hydraulic Studies, an invaluable sales tool that assists your quest for hydraulic optimisation and sustainable development.

You fill in a simple form describing the pool's main characteristics.

We then prepare a Hydraulic Study using our powerful hydraulic modelling software that precisely calculates the load loss generated by the hydraulic circuit. This allows us to recommend materials suited specifically to your project.

You will be provided with a comprehensive file that will allow you to provide your customer with detailed information concerning electrical consumption.

To reduce the electrical consumption of the filtration pump by 36 %, choose hydraulic optimisation of your installation. Contact our design office.



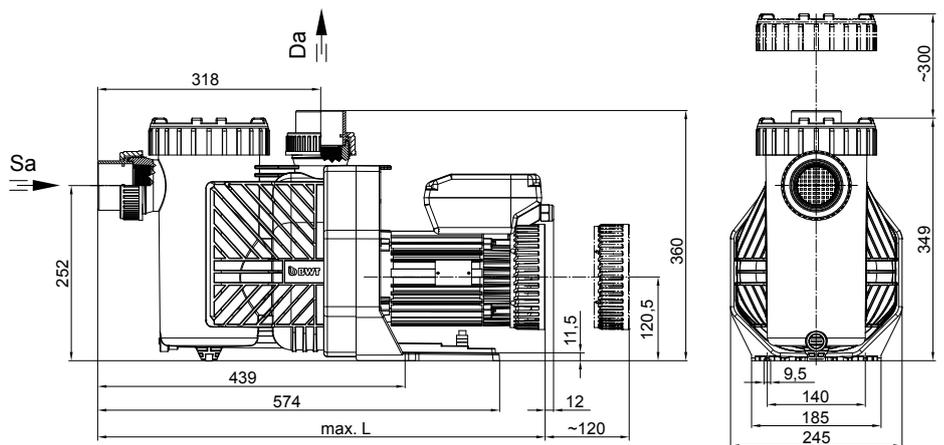
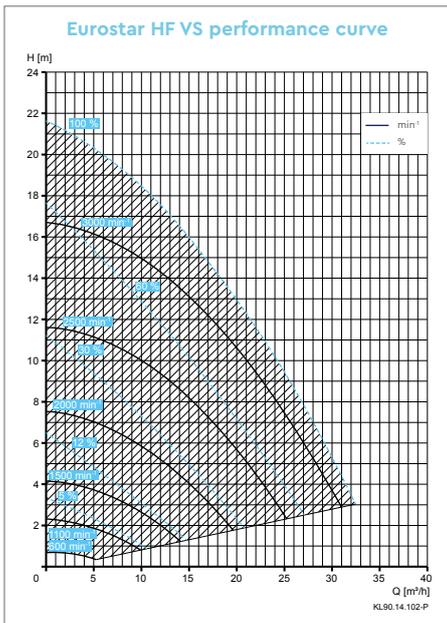
+ **PRODUCT**

- A variable speed pump that adapts the flow rate to the pool's demand, resulting in energy savings.

Eurostar HF VS variable speed pumps can run at flow rates adapted to their conditions of use and the various items of pool equipment (filtration, treatment, heating, water features, massage jets, etc.). Running at low speeds significantly reduces the noise level.

In line with the on-going drive to limit noise pollution as much as possible, a new impeller and fan cowling were developed to reduce the running noise of the Eurostar HF VS pump even further. Thanks to these innovations, the acoustic power of the pump is 8 dB (A) at 2000 RPM, this corresponds to a 50% reduction of the perceived running noise. This probably makes the Eurostar HF VS the quietest air-cooled pump on the market.

This latest generation pump allows you to choose between maintaining power (%) or maintaining speed (RPM).
 Maintain power: The pump flow rate is maintained by automatic variation of the rotation speed.
 Maintain speed: The pump rotation speed, and so the level of noise generated, is maintained.



D90.14.101-P



Depending on the region where the pool is installed, and/ or the quality of the electrical supply to the pool (end of line), it may be necessary to protect the pool's electrical installation and thus the properties of the various devices circuit boards and components.

Code	Description	Flowrate m ³ /h at 10 mWC	max current (A)	P1 kW	P2 kW	P2 hp	Voltage	Acoustic pressure at 1m (dBA)	Ø outlets Suct - Ret
125254568	BWT Eurostar HF VS	24	6.10	Max 1.4	Max 1.1	1.5	1ph	36.6 to 64.6	2" 2"

A lit up
pre-filter
basket



Modelling of the hydraulic flow



The quietest pump on the market in its category

The new pump design (large pre-filter, new generation volute) coupled with the low friction materials used, allow EUROSTAR HF pumps to run very silently: they are the quietest pumps available on the market.

Versatile, modular pump connections

EUROSTAR HF pumps are delivered with barrel unions (collar + nut). However, the pump inlets/outlets are also tapped to accept standard threaded unions.

Tried and tested design

EUROSTAR HF pumps are the result of 30 years experience and the continuous investment in improvement for which these pumps are known, not forgetting the latest innovations in terms of materials.

A lit up pre-filter basket that separates into two sections

EUROSTAR HF pumps were designed to facilitate the lives of pool owners. The pre-filter lid is lit so that it is easy to see if the basket needs to be emptied, even in a dark plant room. Another ingenious and exclusive innovation, the pump basket comes apart to facilitate cleaning.

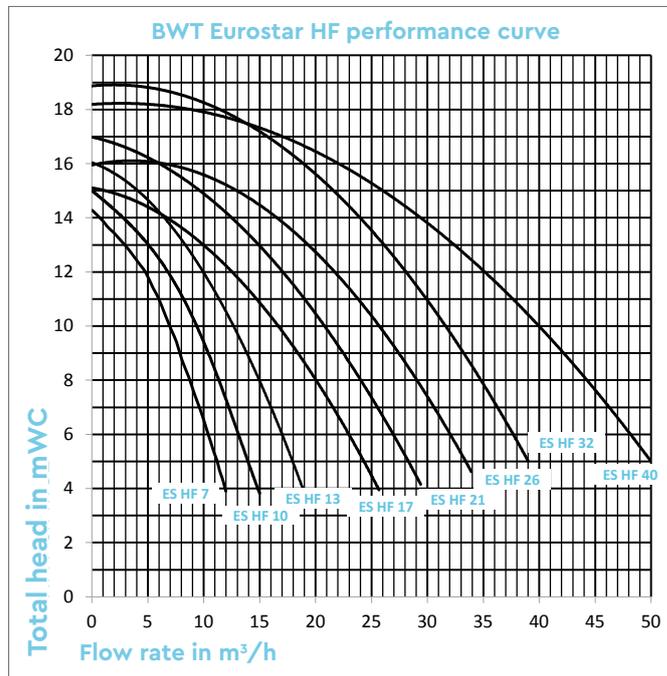


A high yield for energy savings.

Due to their design, Eurostar HF pumps achieve hydraulic yields 20% higher than other pumps on the market in the same category.

The hydraulic yield is optimised at a total head of between 5 and 10 mWC, this means that Eurostar HF pumps are particularly suited for achieving

energy savings on both conventional/ existing circuits and on hydraulically optimised circuits.



Code	Description	Flowrate m³/h at 10 mWC	max current (A)	P1 kW	P2 kW	P2 hp	Voltage	Acoustic pressure at 1m (dBA)	Ø outlets Suct - Ret	
51161100	BWT Eurostar HF 7S, M	7	2.40	0.54	0.30	0.5	1 ph	51.2	2" / 63 mm	2" / 63 mm
51161200	BWT Eurostar HF 10S, M	10	2.90	0.65	0.45	0.7	1 ph	52.1	2" / 63 mm	2" / 63 mm
51161300	BWT Eurostar HF 13S, M	13	4.00	0.87	0.55	0.8	1 ph	53.7	2" / 63 mm	2" / 63 mm
51161400	BWT Eurostar HF 17S, M	17	5.20	1.1	0.75	1.1	1 ph	57.5	2" / 63 mm	2" / 63 mm
51151500	BWT Eurostar HF 21 M	21	6.70	1.40	1.00	1.4	1 ph	64.6	2" / 63 mm	2" / 63 mm
51151600	BWT Eurostar HF 26 M	26	7.40	1.70	1.30	1.8	1 ph	65.3	2" / 75 mm	2" / 75 mm
51151700	BWT Eurostar HF 32 M	32	10.00	2.20	1.80	2.5	1 ph	68.6	2" / 75 mm	2" / 75 mm
51151800	BWT Eurostar HF 40 M	40	14.40	2.92	2.20	3.0	1 ph	73.7	2" / 75 mm	2" / 75 mm
51162200	BWT Eurostar HF 10S, T	10	1.25	0.63	0.45	0.7	3 ph	52.3	2" / 63 mm	2" / 63 mm
51162300	BWT Eurostar HF 13S, T	13	1.55	0.81	0.55	0.8	3 ph	53.8	2" / 63 mm	2" / 63 mm
51162400	BWT Eurostar HF 17S, T	17	1.95	0.1	0.75	1.1	3 ph	57.8	2" / 63 mm	2" / 63 mm
51152500	BWT Eurostar HF 21 T	21	2.25	1.26	1.00	1.4	3 ph	61.6	2" / 63 mm	2" / 63 mm
51152600	BWT Eurostar HF 26 T	26	2.80	1.56	1.30	1.8	3 ph	65.8	2" / 75 mm	2" / 75 mm
51152700	BWT Eurostar HF 32 T	32	3.85	2.10	1.80	2.5	3 ph	70.7	2" / 75 mm	2" / 75 mm
51152800	BWT Eurostar HF 40 T	40	4.95	2.54	2.20	3.0	3 ph	71.1	2" / 75 mm	2" / 75 mm

Code	Description
51151150	Anti-vibration mat 185x170 mm, for BWT Eurostar HF pump

P1 indicates the total power consumed by the pump. Thus, the value of P1 should be taken into consideration when choosing the thermal magnetic circuit breaker. P2 indicates the power actually available at the motor shaft.



BWT expertise for optimal filtration



- **Economical:** with its large pre-filter basket, this pump delivers a high flow rate while consuming less energy.
- **Practical:** the 63 mm unions provided allow retrofitting to all existing installations. It is also possible to install 2" threaded unions on the pumps inlet and outlet ports.
- **Quality:** is guaranteed through procurement within Europe, in accordance with stringent specifications developed with BWT partners, and ISO 9001 and 14001 certification of the production site.
- **Guarantee:** BWT SUPER STAR pumps are guaranteed 5 years, the best guarantee on the market.

BWT Pool Products has been designing and manufacturing pool equipment in Europe for nearly 50 years. An expert in the field of water filtration for industry, as well as private and public pools, BWT Pool Products presents the BWT Super Star pump, developed to integrate seamlessly into pool environment.

Option: Connected to the BWT Pearl Connect panel, it is the heart of your filtration system, allowing you to enjoy your pool to the full without worrying about its operation.

BWT has developed hydraulic optimisation software that, based on BWT Pool Products pool specifications, recommends the pump best suited to provide optimum filtration. Talk to your pool professional for your hydraulic optimisation study.

Made in Europe

As well as being designed and assembled in France, 95 % of the pump components are made in Europe.

This pump is manufactured in a factory that is 60% energy self-sufficient.

Easy opening

The lid, which is easy to open and close, is transparent to allow monitoring of the debris accumulated in the pre-filter basket. The pre-filter basket is large to help prolong the intervals between cleaning.

Reliable and silent

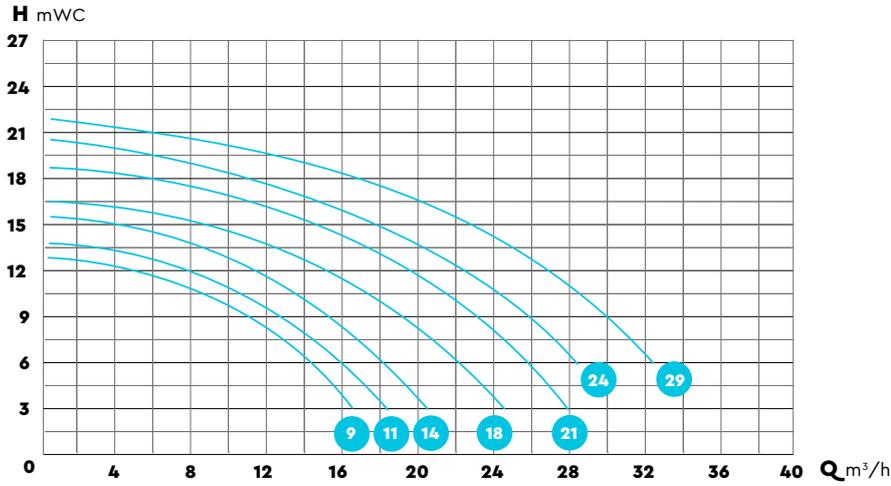
Hard-wearing and safe, this pump is also very discrete with a noise level that makes it one of the quietest pumps on the market.

Confident of the quality, BWT Pool Products offers a 5 year guarantee on this pump.

BWT SUPER STAR

Family 1445

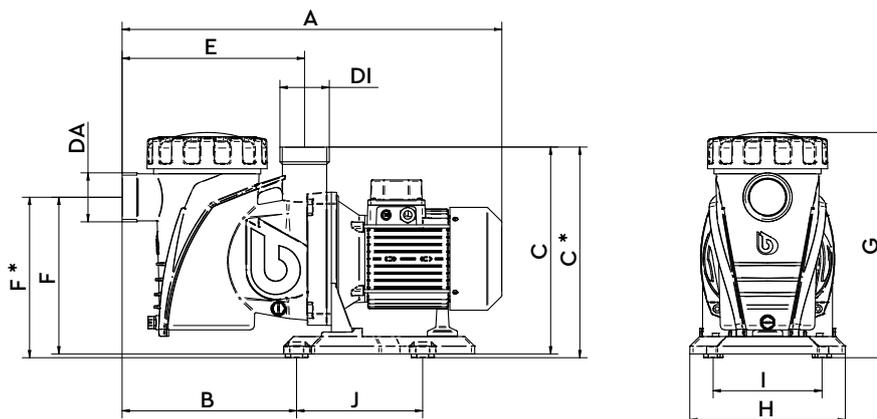
Super Star performance curves



Code	Description	Flow rate m³/h at 10 mWC	Max current (A)	P1 kW	P2 kW	Voltage	Acoustic pressure at 1m (dBA)	Ø ports Inlet – outlet (mm)	
125575496	BWT Super Star 9 230V 1ph 50 Hz	9m3/h	2.9	0.44	0.25	1ph	61.6	Ø 50/63	Ø 50/63
125575499	BWT Super Star 11 230V 1ph 50 Hz	11m3/h	4.4	0.59	0.37	1ph	62.0	Ø 50/63	Ø 50/63
125575501	BWT Super Star 14 230V 1ph 50 Hz	14m3/h	4.75	0.77	0.55	1ph	62.2	Ø 50/63	Ø 50/63
125575503	BWT Super Star 18 230V 1ph 50 Hz	18 m3/h	5.5	1.02	0.75	1ph	63.8	Ø 50/63	Ø 50/63
125575505	BWT Super Star 21 230V 1ph 50 Hz	21m3/h	7.3	1.45	1.10	1ph	65.4	Ø 50/63	Ø 50/63
125575507	BWT Super Star 24 230V 1ph 50 Hz	24m3/h	9.2	1.9	1.50	1ph	64.6	Ø 50/63	Ø 50/63
125575509	BWT Super Star 29 230V 1ph 50 Hz	29m3/h	12.2	2.72	2.20	1ph	68.6	Ø 50/63	Ø 50/63
125575498	BWT Super Star 9 400V 3ph 50 Hz	9m3/h	2.2/1.3	0.35	0.25	3ph	61.6	Ø 50/63	Ø 50/63
125575500	BWT Super Star 11 400V 3ph 50 Hz	11m3/h	2.4/1.4	0.49	0.37	3ph	62.0	Ø 50/63	Ø 50/63
125575502	BWT Super Star 14 400V 3ph 50 Hz	14m3/h	3.1/1.8	0.7	0.55	3ph	62.2	Ø 50/63	Ø 50/63
125575504	BWT Super Star 18 400V 3ph 50 Hz	18 m3/h	3.8/2.2	0.92	0.75	3ph	63.8	Ø 50/63	Ø 50/63
125575506	BWT Super Star 21 400V 3ph 50 Hz	21m3/h	5/2.9	1.33	1.10	3ph	65.4	Ø 50/63	Ø 50/63
125575508	BWT Super Star 24 400V 3ph 50 Hz	24m3/h	6/3.5	1.78	1.50	3ph	64.6	Ø 50/63	Ø 50/63
125575510	BWT Super Star 29 400V 3ph 50 Hz	29m3/h	8.6/5	2.54	2.20	3ph	68.6	Ø 50/63	Ø 50/63

HP	A	B	C	C*	E	F	F*	G	H	I	D
0,5	555	269	321	327	281	243	249	350	240	168	D 50/63
0,75	555	269	321	327	281	243	249	350	240	168	D 50/63
1	555	269	321	327	281	243	249	350	240	168	D 50/63
1,5	555	269	321	327	281	243	249	350	240	168	D 50/63
2	585	269	321	327	281	243	249	350	240	168	D 50/63
3	585	269	321	327	281	243	249	350	240	168	D 50/63

All sizes in mm





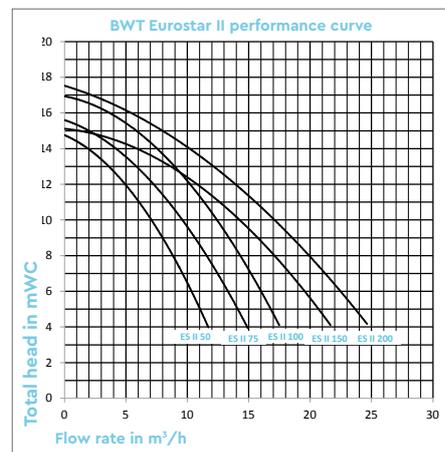
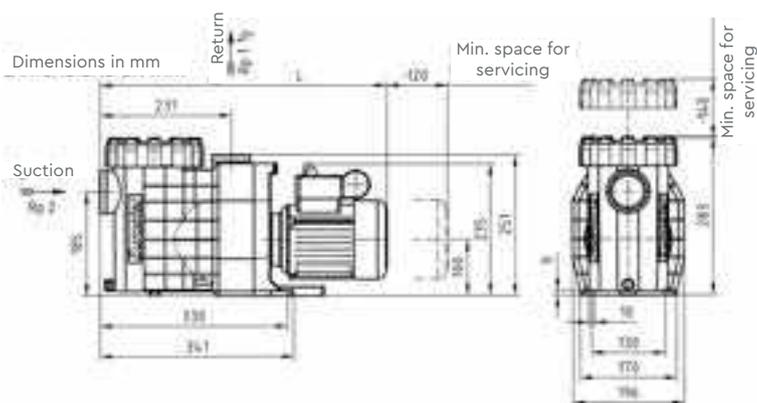
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PRODUCT

- The market reference
- Tried and tested design
- Corrosion proof

Technical data:

- The BWT Eurostar II pump is self-priming. The mechanical seal is mounted on top of the synthetic resin protective shaft cover. As there is no contact between the motor shaft and the pool water, the pump is absolutely corrosion resistant even in pools treated by salt electrolysis.
- The pump body and the prefilter are made from fibreglass reinforced polypropylene.
- Single phase pumps are fitted with P2 type capacitors,
- The BWT Eurostar II pump runs very quietly.
- BWT Eurostar II and Eurostar pumps have the same centre-to-centre distances and all parts are compatible.
- Now even safer: thanks to the impeller's original design, the motor shaft never comes into contact with the pool water. This means that stray current will never leak into the pool.
- Delivered with a tool for opening the prefilter.



Code	Description	Flow rate m³/h at 10 mWC	max current (A)	P1 kW	P2 kW	Voltage	Acoustic pressure at 1m (dBA)	Ø outlets Suct - Ret
545100	Eurostar II 50-M	7	2.60	0.50	0.30	1 ph	57.2	2" / 1"1/2
546100	Eurostar II 75-M	9	3.20	0.65	0.45	1 ph	58.8	2" / 1"1/2
547100	Eurostar II 100-M	12	4.70	0.97	0.65	1 ph	62.7	2" / 1"1/2
548100	Eurostar II 150-M	15	5.20	1.10	0.75	1 ph	57.9	2" / 1"1/2
549100	Eurostar II 200-M	18	6.70	1.40	1.00	1 ph	61.7	2" / 1"1/2
546300	Eurostar II 75-T	9	1.25	0.63	0.45	3 ph	58.6	2" / 1"1/2
547300	Eurostar II 100-T	12	1.75	0.82	0.65	3 ph	62.3	2" / 1"1/2
548300	Eurostar II 150-T	15	1.95	1.00	0.75	3 ph	58.8	2" / 1"1/2
549300	Eurostar II 200-T	18	2.25	1.26	1.00	3 ph	58.9	2" / 1"1/2

P1 indicates the total power consumed by the pump. Thus the value of P1 should be taken into consideration when choosing the thermal magnetic circuit breaker. P2 indicates the power actually available at the motor shaft.



	Code	Description
1	545150	Anti-vibration mat 185x170 mm, for BWT Eurostar II pump
2	545190	Eurostar II adaptor base Net exVAT

Eurostar II adaptor base:

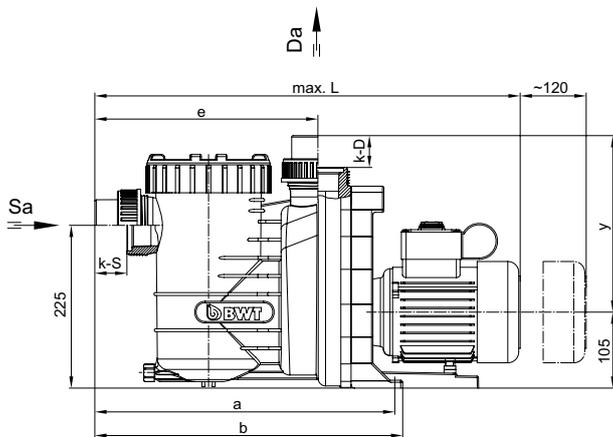
The adaptor base allows an existing pump to be replaced with a BWT Eurostar II pump with minimal modification of the hydraulic circuit. The base is compatible with most pumps currently available on the market.

- The inter axial distances are exactly the same,
- 2" / 1"1/2 reduction fitting is enclosed with the base.

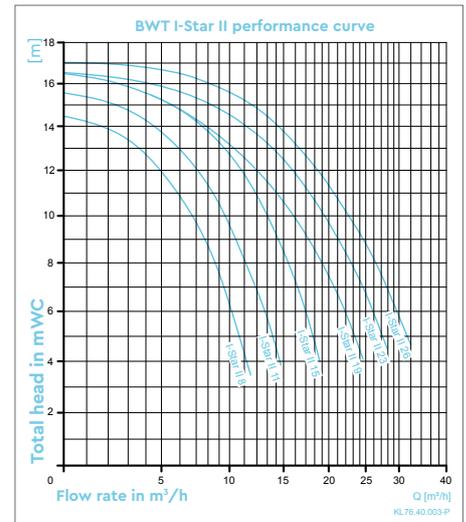
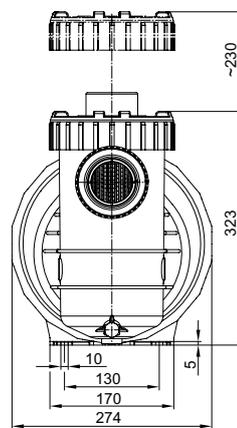


Technical data:

- The pump body and prefilter are made of polypropylene.
- Threaded inlet and outlet, Ø 63 mm (solvent unions Ø 63 mm, supplied with the pump) or tapped, 1" 1/2.
- Large capacity prefilter basket.
- Transparent lid with threading on the outside.
- Self-priming.
- Pump compatible with water treatment by salt electrolysis (5g/l).
- Now even safer: thanks to the impeller's original design, the motor shaft never comes into contact with the pool water. This means that stray current will never leak into the pool.
- Comes with a tool for opening the prefilter.



D76.40.007-P



Code	Description	Flowrate m ³ /h at 8 mWC	max current (A)	P1 kW	P2 kW	Voltage	Acoustic pressure at 1m (dBA)	Ø outlets Suct - Ret	
125252348	BWT i-Star II 8 M	8	2.60	0.58	0.30	1 ph	57.6	2"	2"/50mm
125252350	BWT i-Star II 11 M	11	3.20	0.69	0.45	1 ph	57.3	2"	2"/50mm
125252352	BWT i-Star II 15 M	15	4.70	0.97	0.65	1 ph	58.0	2"	2"/63mm
125252354	BWT i-Star II 19 M	19	5.30	1.20	0.75	1 ph	63.4	2"	2"/63mm
125252356	BWT i-Star II 23 M	23	6.40	1.45	1.00	1 ph	65.6	2"	2"/63mm
125252358	BWT i-Star II 26 M	26	7.40	1.70	1.30	1 ph	65.1	2"	2"/63mm
125252353	BWT i-Star II 15 T	15	1.75	0.90	0.65	3 ph	62.2	2"	2"/63mm
125252355	BWT i-Star II 19 T	19	2.10	1.00	0.75	3 ph	64.8	2"	2"/63mm
125252357	BWT i-Star II 23 T	23	2.90	1.32	1.00	3 ph	64.7	2"	2"/63mm
125252359	BWT i-Star II 26 T	26	3.20	1.65	1.30	3 ph	65.7	2"	2"/63mm



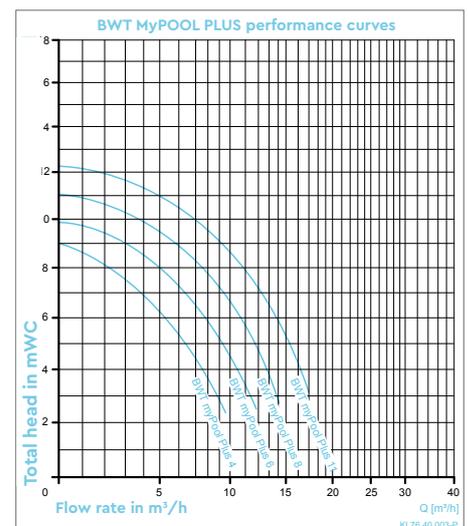
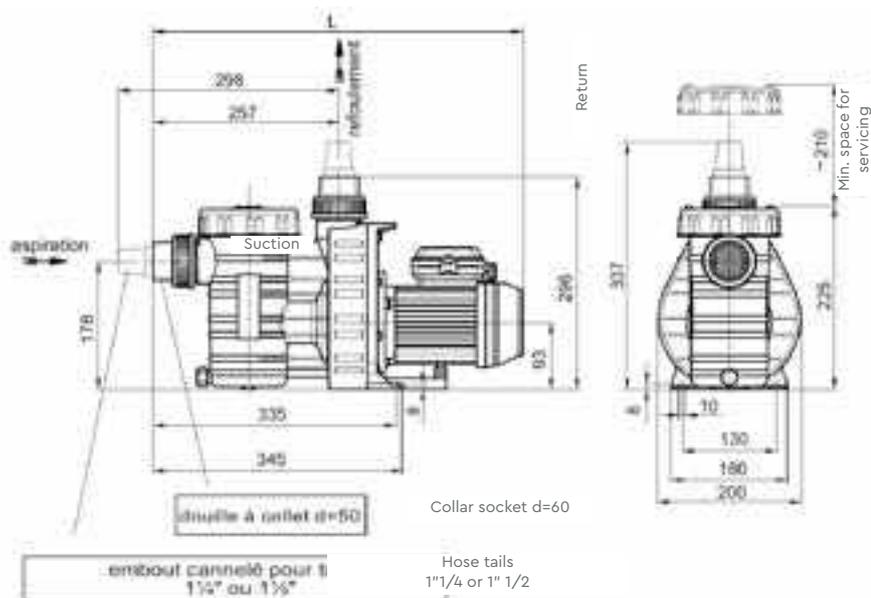
+
Eco Plus
■ Ideal for small in-ground pools.

Technical data :

- The BWT myPool Plus filtration pump is fitted with, two hose tails Ø 32/38 mm and 2 solvent unions Ø 50 mm, as standard,
- The pump is fitted with a pre-filter and basket.



Code	Description	flowrate m ³ /h at 8 mWC	Max current (A)	P1 kW	P2 kW	Voltage	Acoustic pressure at 1m (dBA)	Ø Outlets	
								Suction	Return
50211200	BWT myPOOL Plus filtration pump 4 m ³ /h, 1ph	4	2.45	350	180	1ph	53.9	50 mm	50 mm
50221200	BWT myPOOL Plus filtration pump 6 m ³ /h, 1ph	6	2.8	450	250	1ph	59.2	50 mm	50 mm
50231200	BWT myPOOL Plus filtration pump 8 m ³ /h, 1ph	8	3.2	600	400	1ph	59.4	50 mm	50 mm
50241200	BWT myPOOL Plus filtration pump 11 m ³ /h, 1ph	11	3.7	690	450	1ph	59.8	50 mm	50 mm



COSMY

THE BOT

A REVOLUTION?

*Yes, and a
real beauty!*



ROBOTIC POOL CLEANER

Light, powerful, customisable

Beautiful revolution!



cosmythebot.com



POWERED BY **BWT**



06

ELECTRICAL PANELS

Complies with the following standards:

Directive 2000/14/CE and 2005/88/EC: Noise Emissions of equipment designed for use inside of buildings.

NF EN 60335-1 (May 2013): household and similar electrical appliances. Safety - general requirements

NF EN 60335-2-41 +A1+A2 (July 2010): safety of pumps belonging to household and similar electrical appliances

Directive 2014/35/EU: the Low Voltage directive

Directive 2011/65/EU RoHS 2 : Reduction of Hazardous Substances in electrical and electronic devices and Directive 201/863/CE "RoH 3"

NF EN 55014-1+A2 (February 2012): Electromagnetic compatibility. Part 1, Emission

NF EN 55014-2+A2 (July 2015): Electromagnetic compatibility. Part 2, Immunity

Directive 2014/30/EC: the Electromagnetic compatibility directive

NF EN 61000-6-1 (July 2015): Electromagnetic compatibility (ECM). Immunity for residential, commercial and light-industrial environments.

NF EN 61000-6-3 (July 2015): Electromagnetic compatibility (ECM). Emissions in residential, commercial and light-industrial environments.



- 186** CONNECTED CONTROL PANEL
- 188** SWIMLINE FILTRATION ELECTRICAL PANEL
- 190** LEVEL REGULATION
- 191** ELECTRICAL PANEL ACCESSORIES
- 192** FUNCTIONAL EARTH



PEARL CONNECT, FREEDOM!



Pearl Connect, is an electrical panel that can be used to control filtration, the pump, the underwater lights and other ancillary equipment. Simple, user-friendly and so very practical ! Thanks BWT !



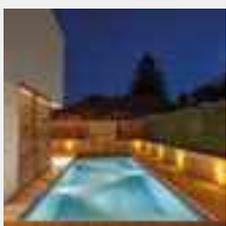
WiFi connection, via your home internet router

Remote control via a smartphone app

Device for private pools, single phase only

Operating indicator light (normal, connected, etc.)

*The panel is installed directly, no relays required!
Quick and easy!*



Control ancillary equipment (up to 5 equipment items):

- Counter-swim treadmill
- Booster pump
- Lighting

Can be used to control other BWT equipment:

- Automatic cover
- Variable speed pump
- Clogging alarm

+ **PRODUCT**

- **Controls essential equipment:** the filtration pump, underwater lights (white or colour).
- Controls ancillary equipment (up to 5 equipment items).
- Integrated antifreeze protection.
- Clogging alarm (pressure gauge not included).

i In the case of an overflow pool, the filtration pump can be slaved to the buffer tank electrical panel.



Code	Description
669640	BWT Pearl Connect electrical panel, 4 A, 1ph
669650	BWT Pearl Connect electrical panel, 6.3 A, 1ph
669660	BWT Pearl Connect electrical panel, 10 A, 1ph

Controls pool equipment, and more!

Allocation of auxillary connections to devices (booster pump, terrace lighting etc.) by the user (renaming)



> available in 5 languages
> for Android and iOS

Tracks and logs the water temperature, filtration run time and cost of running the filtration system.

Several **BWT Pearl Connect** panels may be paired simultaneously.

AN INTELLIGENT APPLICATION

Several operating modes are available for each device :

- Manual.
- Automatic, runs according to a programmed schedule, during peak or off-peak hours, or depending on the water temperature (temperature sensor and thimble included).

- For a duration set by the user via a timer.
- Each device can also be set to switch on automatically while filtration is running, or inversely to force filtration on while the device is running.

SWIMLINE FILTRATION ELECTRICAL PANEL

Specifications and reminders



- Front mounted timer (standard version) or PLC (R-Temp version).
- All wires are capped.
- Connection terminals for the mains.
- Connection of the transformer secondary via a fuse holder.
- The cabinets are delivered with rigid cable glands as standard.
- Removable mounting bracket to facilitate installation.
- Over-sized transformer to avoid overheating phenomena.
- Neat, colour coded wiring.
- Cabinet mounting screws and bushings are provided.
- Appropriate wire cross section (2.5 mm² for the power unit).
- Two seals, one on the glass door, and one on the cover.
- May be recessed into the wall.



The electrical panel is equipped with a mounting bracket to facilitate installation and hold the electrical panel away from the wall to prevent water from infiltrating into the panel by capillary action.

Recommended cable cross section according to the distance in metres from the underwater light (12 V power supply)

Cable cross section in mm ² for one 25 W underwater light	from	to
1.50	0 m	10 m
2.50	11 m	16 m
4.00	17 m	26 m
6.00	27 m	38 m
10.00	-	-
16.00	-	-

Cable with 2 wires (no yellow/ green wires).

Technical data:

- Technical data: Protection rating, IP55,
- **Two levels of watertight protection :**
 - an o-ring on the cover,
 - an o-ring on the plexi-glass door,
- Hinge mounted reversible smoked plexi-glass door,
- All the controls are protected behind the plexi-glass door,
- Rocker switches,
- Indicator lights (LEDs),
- Delivered with a circuit breaker, up to 14 Amp,
- Terminal block to facilitate connection,
- Generously proportioned for easy wiring,
- A wall mounting bracket is enclosed.

Each of our electrical panels is made of top quality components carefully selected on the basis of their excellent performance data. The injected resin casings were purpose designed to satisfy the requirements of pool builders and pool users. Electrical panels come with a wall mounting bracket and a suitably rated circuit breaker. They comply with the electrical safety standard NF EN 60335-1 and the EMC safety standards NF 55014 and NF 61000-6.

Code	Reference	Description
6608X0	CFP-100	Filtration electrical panel with transformer for 2 50W or LED underwater lights

i Depending on the region where the pool is installed, and/ or the quality of the electrical supply to the pool (end of line), it may be necessary to protect the pool's electrical installation and thus the properties of the circuit boards and components equipping the various devices.

The circuit breaker rating must be greater than the maximum current consumed by the filtration pump.

The maximum currents drawn by the pumps are set out in the pump chapter in this catalogue.

BWT

X	Circuit breaker
3	1.6 to 2.5 A
4	2.5 to 4 A
5	4 to 6.3 A
6	6.3 to 10 A
7	9 to 14 A

In order to select the appropriate circuit breaker, simply replace the letter X, with the number corresponding to the required rating



1

Technical data:

- RED-2: Balance tank regulation electrical panel comprising 5 stainless steel sensors (ground, pump shut down, electrovalve open and close, overflow safety). and a brass electrovalve 20/ 27. Protected by a fuse.

	Code	Reference	Description
1	667200	RED-2	Balance tank level controller (with 5 stainless steel sensors and 1 electric valve)



Technical data:

- Hinge mounted door.
 - All the controls are mounted behind a protective plexi-glass door (no controls on the outside).
 - Rocker switches.
 - Delivered with a circuit breaker up to 14A.
 - Delivered with the necessary bushings, screws and cable glands,
- All our electrical panels are fitted with a suitably rated thermo-magnetic circuit breaker.



X	Circuit breaker
4	2.5 to 4 A
5	4 to 6.3 A
6	6.3 to 10 A
7	9 to 14 A

In order to select the appropriate circuit breaker, simply replace the letter X, with the number corresponding to the required rating.

Code	Reference	Description
6708X0	SRF-100	Filtration electrical panel with transformer for two 50 W or LED underwater lights

The circuit breaker rating must be greater than the maximum current consumed by the filtration pump. The maximum currents drawn by the pumps are set out in the pump chapter in this catalogue.

Each of our electrical panels is made of top quality components carefully selected on the basis of their excellent performance data. The injected resin casings were purpose designed to satisfy the requirements of pool builders and pool users. Electrical panels come with a wall mounting bracket and a suitably rated circuit breaker. Swimline electrical panels are fitted with indicator lights and top of the line components. They comply with the electrical safety standard NF 60439-1 and the EMC safety standards NF 55014 and NF 55104.

TRANSFORMERS

Family 2030

Code	Description
716450	Toroidal transformer 230V/12 V 100 VA (Swimline-SR-Light)



TWO COMPONENT GEL

Family 2000

Code	Description
8492300	Two component gel, 500 ml



The two component gel insulates the connections inside the connection boxes.
 Protection rating: IP68
 Cure time: approx 15 minutes at 25 °C.
 The gel can be easily removed to allow for interventions on the connections.



ACCESSORIES

Family 2000



	Code	Description
1	708300	Timer without backup power (modular)
2	709200	Thermal magnetic circuit breaker, 1.6–2.5 A
	709300	Thermal magnetic circuit breaker, 2.5–4.0 A
	709400	Thermal magnetic circuit breaker, 4.0–6.3 A
	709500	Thermal magnetic circuit breaker, 6.0–10.0 A
	709600	Thermal magnetic circuit breaker, 9.0–14.0 A
3	713100	Filtration electrical panel 230V contactor

Back-up power: allows the timer to continue to run in the event of a power outage.

Pool earthing : The functional earth



Why earth a pool?

Earthing a pool removes any stray current present in the water.

What is stray current?

Stray currents are undesirable currents present in the pool water. They are generated by static currents, pool equipment, fault currents, etc.

Risks and effects of stray currents

Although they are not dangerous to people, stray currents can aggravate corrosion by electrolysis of the metallic elements of the pool.

Stray currents can also interfere with the sensors of pool treatment devices, this can result in the injection of the wrong quantity of pool chemicals.

It is therefore essential to have a high quality, dedicated, pool-grade functional earth.

How to check that a sensor is not being falsified by stray currents?

Place the sensor in a bucket of water (pool water) and look to see if the measurement varies with respect to the measurement taken directly in the pool. If the measurement does not vary, stray current is not interfering with the sensor.

How to create a good functional earth for a swimming pool?

Never connect the pool's functional earth to the home's earth.

A good functional earth has a maximum resistance of 40 Ohms.

To reduce the resistance of the functional earth, position the earth peg in a damp area (for example, near a heat pump condensate drain).

If the resistance remains above 40 ohms, add an earth peg to achieve the recommended value.

What equipment is needed to create a functional earth?

To avoid any confusion with the home's protective earth, never use a yellow/ green wire for the pool's functional earth.

We recommend that you use a purple or white wire, cross section 25 mm², and an earth peg at least 1 m long in order to limit electrical resistance as much as possible and so facilitate the flow of stray current to earth.

How to measure the resistance of the functional earth?

The resistance of the functional earth can be measured using an earth loop tester.

We offer a ready to use kit that is easy to use and completely safe. The kit includes a 7 m extension cable and an IP2X clamp.

The functional earth must be connected using a white or purple sheathed copper wire. Do not under any circumstances use a green/yellow wire or braided wire, these should only be used for electrical safety earthing.
Reducing tees (TFP-C) are ideal for new builds, while saddle clamps (TFP-R) are useful for integration into existing pools or pool renovation projects.



Code	Description	
1372450	Functional earth (TFP-R) for existing pools, Ø 50	
1	1372463	Functional earth (TFP-R) for new pools, Ø 63



We offer various kits:

The TFP-R or TFP-C kits adapt to the pools' PVC pipework (50 or 63mm), they are suitable for new builds or retrofitting to existing pools.
The Earth Peg kit is comprised of a 25 mm² copper cable and a 1 m long earth peg. This kit limits electrical resistance as much as possible and facilitates the flow of stray current to the earth.



07 LINERS

Complies with the following standards:

Standard NF EN 15836-1 August 2010 : PVC-P membrane for in-ground pools – Homogeneous membranes, thickness greater than or equal to 0.75 mm.

Standard NF EN 15836-2 August 2010 : PVC-P membrane for in-ground pools – Reinforced membranes, thickness greater than or equal to 1.50 mm.

Standard NFT54-802 April 2010 : Guide to laying, replacement, use and maintenance of a liner (Previously DTP N°3).

Standard NFT54-804 February 2008 : Guide to laying, replacement, use and maintenance of a reinforced membrane (Previously DTP N°3).



196	COMPARISON TABLE
198	LINER BEADING
199	0.85 MM LINERS
203	0.75 MM LINERS
206	LINERS FOR STEPS
210	LINERS FOR COVER PITS
211	TAKING MEASUREMENTS
212	SURFACE AREA CALCULATIONS
214	ACCESSORIES FOR LINERS



Superliner V2F 0.85 mm
PLAIN & PATTERNED

200



Superliner V2F 0.85 mm
FRIEZES & TILE BANDS

202



Aqualiner 0.75 mm
PLAIN & PATTERNED

203



Aqualiner 0.75 mm
FRIEZES & TILE BANDS

205

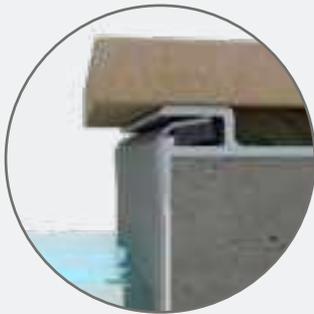


MODEL	Superliner V2F 085 mm PLAIN & PATTERNED	Superliner V2F 085 mm FRIEZES & TILE BANDS	Aqualiner 0.75 mm PLAIN & PATTERNED	Aqualiner 0.75 mm FRIEZES & TILE BANDS
TECHNICAL DATA				
COLOURS				
THICKNESS	0.85 mm	0.85 mm	0.75 mm	0.75 mm
PROTECTIVE VARNISH ON THE SURFACE IN CONTACT WITH THE WALL	✓	✓	✓	✓
ANTIFUNGAL VARNISH ON THE SURFACE IN CONTACT WITH THE WATER	✓ On plain liners only	✓ On plain liners only	✗	✗
RESISTANCE				
TEMPERATURE RESISTANCE	35 °C	35 °C	33 °C	33 °C
STAIN RESISTANCE	+++	+++	++	++
CHLORINE RESISTANCE	+++	+++	++	++
GUARANTEES				
NF EN 15 836-1 STANDARD	Superior class	Superior class	Standard class	Standard class
GUARANTEES				

We offer 5 Types of beading



OUR SUPERLINER V2F AND AQUALINER LINERS CAN BE FINISHED WITH ANY OF THE FIVE TYPES OF LINER BEADING:



HUNG CRISTAL LINER BEADING (PROCOPI PATENT) **1**

This patented BWT Pool Products technology features the following advantages:

- Tried and tested over a number of years,
- No visible welds around the upper periphery of the liner,
- No visible colour difference between the liner and the liner beading,
- Uniform ageing of the membrane,
- Resistant to attack from micro-organisms and U.V. radiation,
- Perfectly uniform colour,
- The design continuity of patterned liners and tile bands is respected.



OVERLAP LINER BEADING **2**

- With this type of liner beading, the height of the liner can be adjusted on site.
- An additional 10 cm must be added the height of the liner to allow for this adjustment.
- Some pools are fitted with Overlap aluminium liner locking track.
- We can manufacture liners with this type of liner beading on request, do not forget to add an additional 10 cm to the finished liner height.

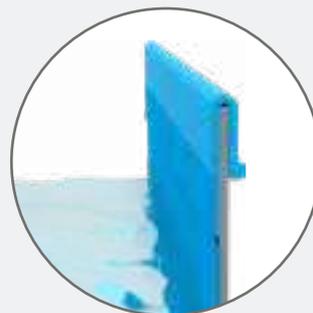


For all types of pools fitted with Hung liner track

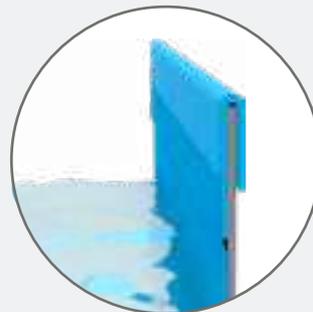


HUNG HARPON LINER BEADING **3**

- Hung harpon liner beading is made of a different material to that of the membrane,
- The membrane and Hung harpon liner beading will age at different rates,
- Colour difference between the Hung harpon liner beading and the membrane,
- The Hung harpon liner beading weld is visible,
- Obvious contrast between the Hung harpon liner beading and a patterned membrane.



EXTRUSION 2 BEADING **4**

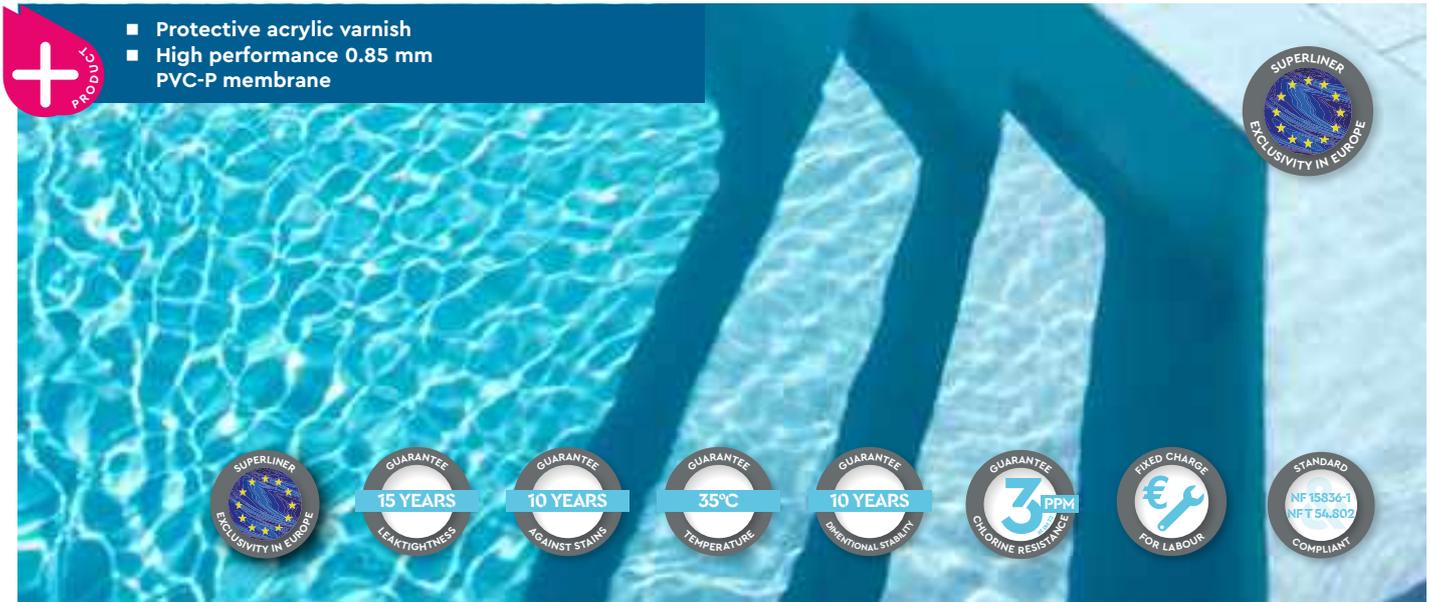


EXTRUSION 3 BEADING **5**

- Visible peripheral weld.
- Only available in dark blue and for metal frame pools.

SUPERLINER V2F 0.85 MM **PRO EXCLUSIVE**

Family 6310



TECHNICAL DATA

Superliner V2F 0.85 mm liners are made in our factory in Le Rheu, France, where we have been making AFNOR NF T 54–802 compliant liners for the last forty years.

Superliner V2F 0.85 mm liners perform exceptionally well, this is due to the technical properties of the 0.85 mm membrane for which BWT Pool Products is the exclusive distributor in Europe.

The technical properties of Superliner V2F 0.85 mm membranes, which do of course comply with the French standard NF 15836–1 as well as the REACH directive (EC 1907/2006), are as follows:

A protective layer of acrylic varnish applied to both surfaces:

The layer of varnish, 5 microns thick, applied to the external surface of the membrane ensures better resistance to micro-organisms that can grow between the liner and the support structure.

The layer of varnish, 8 microns thick, applied to the internal surface:

- Facilitates cleaning of the liner, and notably the water line,
- Improves the protection of pigments against the exposure to UV light,
- Slows discolouration of the membrane,
- Protects the membrane against abrasion and scratching.

Inhibits the growth of algae, bacteria and micro-organisms thanks to a fungicide impregnated into the membrane.

Withstands water temperatures up to 35°C maximum.

Optimal dimensional stability.

5 types of liner beading: Hung cristal (Procopi patent), Hung harpon, Overlap, Extrusion type 2 and Extrusion type 3

A wide selection of colours and patterns:

- 11 plain colours,
- 2 patterns,
- 5 friezes and tile bands.

The plain colours match our pool fittings and our automatic covers.

Exceptional guarantees (see above), a natural outcome of the outstanding technical properties of the Superliner V2F 0.85 mm PVC-P membrane.

GUARANTEES

Standard guarantees offered on Superliner V2F 0.85 mm liners are reserved exclusively to BWT Pool Products's professional clients. They apply to all Superliner V2F 0.85 mm liners delivered after February 1st 2016.

Guarantees covering Superliner V2F 0.85 mm liners imply the professional client's acceptance of the provisions and recommendations set out in the following documents:

- French standard NF EN 15836–1, August 2010,
- French standard NF T 54–802, April 2010,
- The document "Use and maintenance of PVC-P membranes", issued by the BWT Pool Products company.

In the case of a claim accepted by BWT Pool Products in the scope of one of these guarantees, the professional client will also receive a fixed payment to cover the costs of labour and other incidental costs. The complete terms and conditions for application of the Superliner V2F 0.85 mm guarantees are available on procopi.com

SUPERLINER V2F 0.85 MM - PLAIN AND PATTERNED

PRO EXCLUSIVE

Family 6310

- Protective acrylic varnish
- High performance 0.85 mm PVC-P membrane



White



Taupe



Light blue



Grey



Dark blue



Anthracite grey



Bleu grey



Black



Mint



Mosaic Marine 2x2 cm



Beige



Green Bazalt

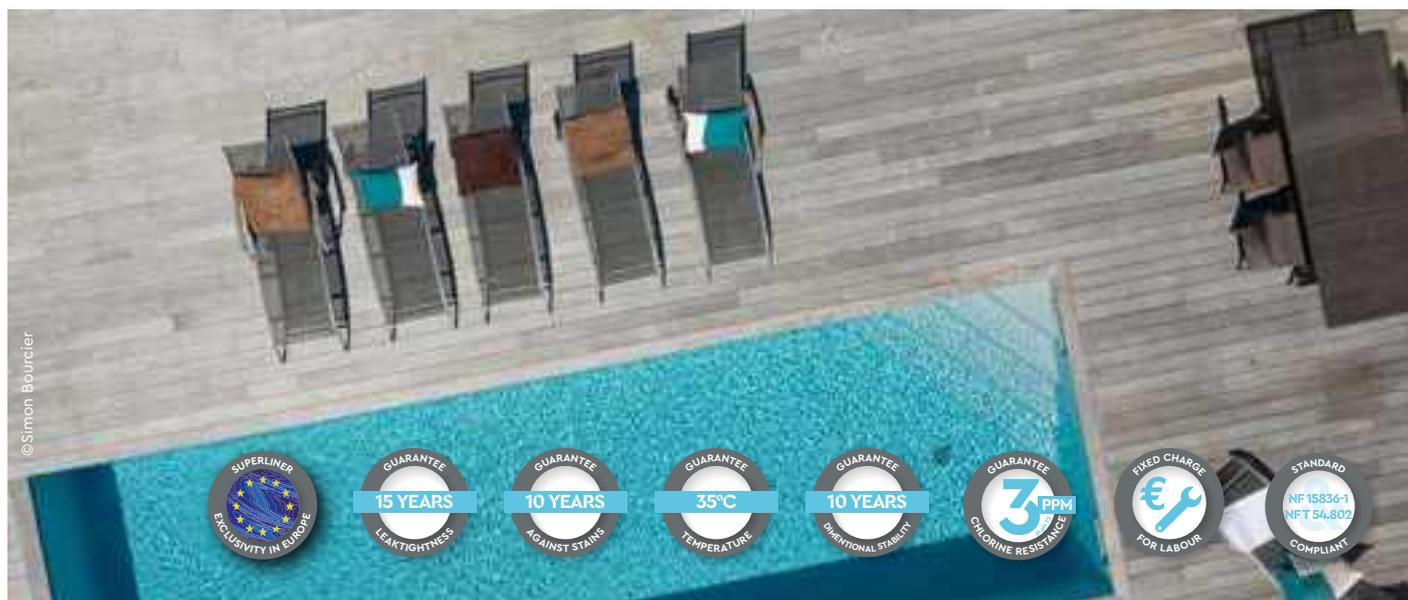


Clay

SUPERLINER V2F 0.85 MM - PLAIN AND PATTERNED

PRO EXCLUSIVE

Family 6310



Code Rectangular pools	Code Other pool shapes	Description
70100070	70101170	Superliner V2F 0.85 mm, plain – Blue grey
70100033	70101133	Superliner V2F 0.85 mm, plain – Taupe
70100000	70101100	Superliner V2F 0.85 mm, plain – White
70100040	70101140	Superliner V2F 0.85 mm, plain – Beige
70100032	70101132	Superliner V2F 0.85 mm, plain – Clay
70100010	70101110	Superliner V2F 0.85 mm, plain – Light blue
70100020	70101120	Superliner V2F 0.85 mm, plain – Dark blue
70100060	70101160	Superliner V2F 0.85 mm, plain – Grey
70100080	70101180	Superliner V2F 0.85 mm, plain – Anthracite grey
70100030	70101130	Superliner V2F 0.85 mm, plain- Mint
70100090	70101190	Superliner V2F 0.85 mm, plain- Black
70100056	70101156	Superliner V1F 0.85 mm patterned – Mosaic Marine 2×2cm
70100037	70101137	Superliner V1F 0.85 mm patterned – Green Bazalt NEW



CAUTION: Dark colours (notably black and anthracite grey) are very sensitive to excess concentrations of oxidising products. The Redox potential (oxidation reduction potential) of the pool water will have a significant impact on the Superliner V2F 0.85 mm membrane's ability to hold its colour over time. The Redox potential varies depending on the type of Chlorine used in the pool (stabilised or non-stabilised), the pH of the pool water and the Isocyanuric Acid concentration in the pool. To protect the pigments in the membrane, the Redox potential should not be allowed to rise above 750mV over a sustained period of time.



Our non-slip step pieces are listed as of page 206.

NF Reminder of the standards:

All Superliner V2F liners are made from high performance PVC-P membranes. These membranes comply with every stipulation of the French standards AFNOR NF EN 15836-1 (August 2010), as well as the Reach directive (EC 1907/2006).

The procedures for correct fitting and maintenance of Superliner V2F 0.85 mm liners (and liners in general) are set out in the French standard, AFNOR NF T 54 802• (April 2010).

We strongly recommend that you familiarise yourself with this standard and that you advise your clients of the responsibilities incumbent on them, according to this document.

(•)Standards available from AFNOR.

SUPERLINER V2F 0.85 MM - FRIEZES AND TILE BANDS

PRO EXCLUSIVE

Family 6310

- Protective acrylic varnish
- High performance 0.85 mm PVC-P membrane



Oxford blue



Oxford beige



Kéops



Mosaic Marine 2x2 cm



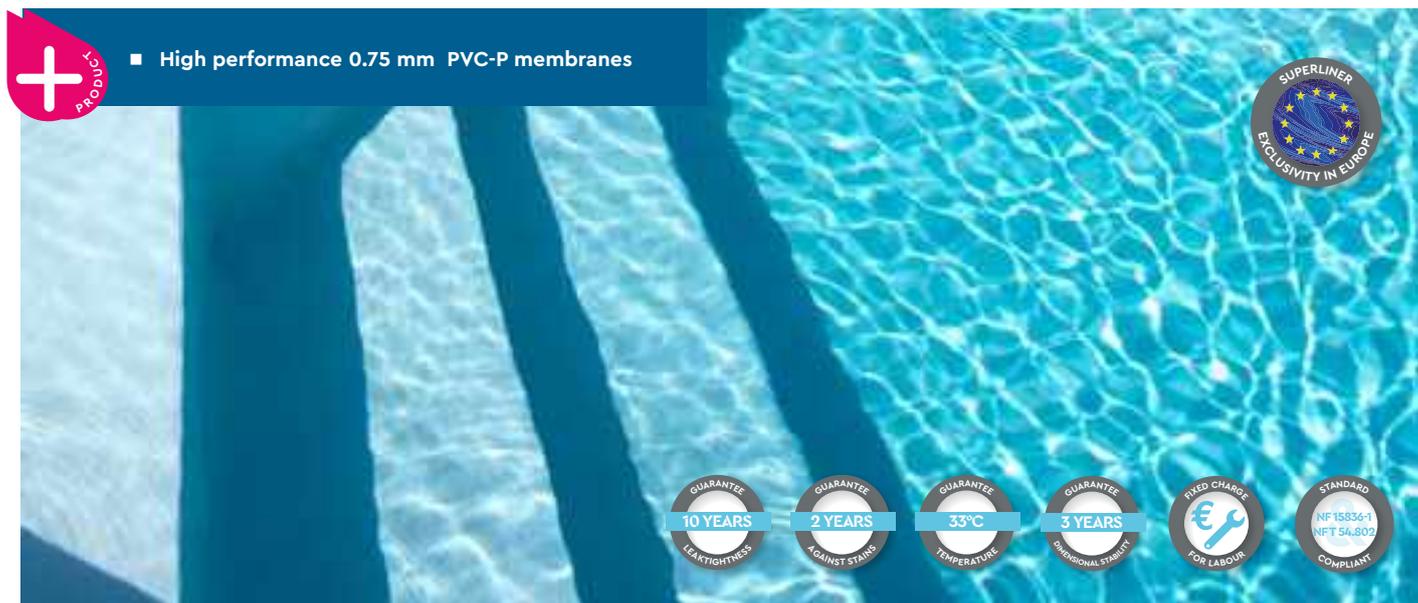
Green Bazalt

Code	Description
70900009	Supplement for a tile band or frieze on a Superliner V2F 0.85 mm, Hung liner locking track - Oxford blue
70900045	Supplement for a tile band or frieze on a Superliner V2F 0.85 mm, Hung liner locking track - Oxford beige
70900063	Supplement for a tile band or frieze on a Superliner V2F 0.85 mm, Hung liner locking track - Kéops
70900056	Supplement for a tile band or frieze on a Superliner V2F 0.85 mm, Hung liner locking track - Mosaic
70900037	Supplement for a tile band or frieze on a Superliner V2F 0.85 mm, Hung liner locking track - Green Bazalt NEW

CAUTION: a Superliner V2F with a patterned frieze or tile band is comprised of a Superliner V2F, as described on the previous pages, and a supplement for the tile band or frieze. On the contrary to the price of the Superliner V2F which is calculated per m², the price of the tile band is calculated in linear metres (perimeter of the pool). Do not forget to deduct the surface area of the patterned tile band (height 25 cm) from the surface area (and the price) of the Superliner. The tile band will be invoiced separately.

AQUALINER 0.75 MM - PLAIN AND PATTERNED

Family 6310



TECHNICAL DATA

0.75 mm Aqualiners are made in our factory in Le Rheu, France, where we have been making AFNOR NF T 54-802 compliant liners for the last forty years.

Aqualiner 0.75 mm liners perform exceptionally well and are perfectly suited to the needs of private pools, a direct result of the technical properties of the 0.75 mm PVC-P membrane of which the liner is made.

The technical properties of the Aqualiner 0.75 mm membrane, which does of course comply with the French standard NF EN 15836-1 as well as the REACH directive (EC 1907/2006), are as follows:

Protection against the growth of algae, bacteria and micro-organisms provided by a fungicide impregnated into the membrane.

Ability to withstand water temperatures up to 33°C maximum,

Good dimensional stability.

5 types of liner beading: Hung cristal (Procopi patent), Hung harpon, Overlap, Extrusion type 2 and Extrusion type 3.

A wide selection of colours and patterns:

- 5 plain colours,
- 4 patterns,
- 8 friezes and tile bands

The plain colours match our pool fittings and our automatic covers.

Guarantees are offered by BWT Pool Products.

GUARANTEES

Standard guarantees offered on 0.75 mm Aqualiners are reserved exclusively to BWT Pool Products's professional clients. They apply to all 0.75 mm Aqualiners delivered after February 1st 2016.

Guarantees covering 0.75 mm Aqualiners imply the professional client's acceptance of the provisions and recommendations set out in the following documents:

- French standard NF EN 15836-1, August 2010,
- French standard NF T 54-802, April 2010,
- The document "Use and maintenance of PVC-P membranes", issued by the BWT Pool Products company.

In the case of a claim accepted by BWT Pool Products in the scope of one of these guarantees, the professional client will also receive a fixed payment to cover the costs of labour and other incidental costs.



The detail of guarantees offered for 0.75 mm Aqualiner liners is available on www.procopi.com

AQUALINER 0.75 MM - PLAIN AND PATTERNED

Family 6310



■ High performance 0.75 mm PVC-P membrane



- GUARANTEE
10 YEARS
LEAKTIGHTNESS
- GUARANTEE
2 YEARS
AGAINST STAINS
- GUARANTEE
33°C
TEMPERATURE
- GUARANTEE
3 YEARS
DIMENSIONAL STABILITY
- FIXED CHARGE

FOR LABOUR
- STANDARD
NF 15836-1
NFT 54.802
COMPLIANT



White



Beige



Light blue



Grey



Dark blue



Black slate



Mosaic



Beige granite



Blue granite

Code Rectangular pools	Code Other pool shapes	Description	
70200000	70201100	Aqualiner 0.75 mm, plain – White, per m ²	
70200010	70201110	Aqualiner 0.75 mm, plain – Light blue, per m ²	
70200020	70201120	Aqualiner 0.75 mm, plain – Dark blue, per m ²	
70200040	70201140	Aqualiner 0.75 mm, plain – Beige, per m ²	
70200060	70201160	Aqualiner 0.75 mm, plain – Grey, per m ²	
70200027	70201127	Aqualiner 0.75 mm, patterned – Mosaic, per m ²	
70200082	70201182	Aqualiner 0.75 mm, patterned – black slate, per m ²	NEW
70200024	70201124	Aqualiner 0.75 mm, patterned – Granite blue, per m ²	NEW
70200049	70201149	Aqualiner 0.75 mm, patterned – Granite beige, per m ²	NEW

AQUALINER 0.75 MM - FRIEZES AND TILE BANDS

Family 6310



■ High performance 0.75 mm PVC-P membrane



Oxford blue



Oxford beige



Kéops



Mykonos



Mosaic 2x2 cm



Black Slate



Blue Granite



Beige Granite

Code	Désignation	
70900109	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Oxford blue	
70900145	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Oxford beige	
70900163	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Kéops	
70900016	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Mykonos	
70900027	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Mosaic	
70900082	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Black slate	NEW
70900024	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Blue granite	NEW
70900049	Supplement for a tile band or frieze on a Aqualiner 0.75 mm - Beige granite	NEW



NOTE: An Aqualiner with patterned tile band or frieze is comprised of an Aqualiner, as described previously and a supplement for the tile band. On the contrary to the price of the Aqualiner, which is calculated per m², the price of the tile band is calculated in linear metres (perimeter of the pool). Do not forget to deduct the surface area of the patterned tile band (height 25 cm) from the surface area (and the price) of the Aqualiner. The tile band will be invoiced separately.

LINERS FOR STEPS

To ensure that the liner adheres correctly to the steps, the step risers, particularly those of the first three steps, should be higher than 15 cm. For similar reasons, we recommend no more than 6 risers for stairs 1.50 m high and no more than 5 risers for stairs 1.06 m high. Installation of a return fitting in the first riser is recommended to block the liner in position. The first step riser must be at least 275 mm high to ensure that the liner will be flattened against the pool wall by the weight of the water.



The non-slip membranes meet the stipulations required for class C certification as per the European standard EN 15288-1 concerning pool safety. Tests performed by the SFV laboratory, according to the protocol DIN 51 097.

STRAIGHT STEPS, NARROWER / WIDER THAN 2.10 M

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Straight step - Plain
Supplement for patterned tile band on steps
Straight step - Patterned
Aqualiner 0.75 mm
Straight step - Plain
Supplement for patterned tile band on steps
Straight step - Patterned
With non-slip treads and risers
Straight step - Plain*
Supplement for patterned tile band on steps

STRAIGHT STEPS ACROSS THE WIDTH, NARROWER / WIDER THAN 4.10 M

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Straight step - Plain
Supplement for patterned tile band on steps
Straight step - Patterned
Aqualiner 0.75 mm
Straight step - Plain
Supplement for patterned tile band on steps
Straight step - Patterned
With non-slip treads and risers
Straight step - Plain*
Supplement for patterned tile band on steps

ROMAN STEPS, NARROWER THAN/ WIDER THAN 3.10 M

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Roman steps - Plain
Supplement for patterned tile band on steps
Roman steps - Patterned
Aqualiner 0.75 mm
Roman steps - Plain
Supplement for patterned tile band on steps
Roman steps - Patterned
With non-slip treads and risers
Roman steps - Plain*
Supplement for patterned tile band on steps



Non standard steps, of the same type the steps featured here, will be invoiced according to the prices indicated above. The number of treads has no impact on the price of the step piece

INTERIOR CORNER STEPS

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Interior corner steps – Plain
Supplement for patterned tile band on steps
Interior corner steps – Patterned
Aqualiner 0.75 mm
Interior corner steps – Plain
Supplement for patterned tile band on steps
Interior corner steps – Patterned
With non-slip treads and risers
Interior corner steps – Plain*
Supplement for patterned tile band on steps

CORNER STEPS, 1/4 CIRCLE

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Corner step 1/4 circle – Plain
Supplement for patterned tile band on steps
Corner step 1/4 circle – Patterned
Aqualiner 0.75 mm
Corner step 1/4 circle – Plain
Supplement for patterned tile band on steps
Corner step 1/4 circle – Patterned
With non-slip treads and risers
Corner step 1/4 circle – Plain*
Supplement for patterned tile band on steps

INVERTED ROMAN STEPS

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Inverted roman steps – Plain
Supplement for patterned tile band on steps
Inverted roman steps – Patterned
Aqualiner 0.75 mm
Inverted roman steps – Plain
Supplement for patterned tile band on steps
Inverted roman steps – Patterned
With non-slip treads and risers
Inverted roman steps – Plain*
Supplement for patterned tile band on steps

STRAIGHT ASYMMETRIC STEPS

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Straight asymmetric steps – Plain
Supplement for patterned tile band on steps
Straight asymmetric steps – Patterned
Aqualiner 0.75 mm
Straight asymmetric steps – Plain
Supplement for patterned tile band on steps
Straight asymmetric steps – Patterned
With non-slip treads and risers
Straight asymmetric steps – Plain*
Supplement for patterned tile band on steps

LINERS FOR STEPS

To ensure that the liner adheres correctly to the steps, the step risers, particularly those of the first three steps, should be higher than 15 cm. For similar reasons, we recommend no more than 6 risers for stairs 1.50 m high and no more than 5 risers for stairs 1.06 m high. Installation of a return fitting in the first riser is recommended to block the liner in position. The first step riser must be at least 275 mm high to ensure that the liner will be flattened against the pool wall by the weight of the water.

TRAPEZOIDAL STEPS

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Trapezoidal steps - Plain
Supplement for patterned tile band on steps
Trapezoidal steps - Patterned
Aqualiner 0.75 mm
Trapezoidal steps - Plain
Supplement for patterned tile band on steps
Trapezoidal steps - Patterned
With non-slip treads and risers
Trapezoidal steps - Plain*
Supplement for patterned tile band on steps

INVERTED STRAIGHT STEPS

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Inverted straight steps - Plain
Supplement for patterned tile band on steps
Inverted straight steps - Patterned
Aqualiner 0.75 mm
Inverted straight steps - Plain
Supplement for patterned tile band on steps
Inverted straight steps - Patterned
With non-slip treads and risers
Inverted straight steps - Plain*
Supplement for patterned tile band on steps



CAUTION: With this type of step the liner can easily shift out of alignment during installation. Therefore weights (sand bags) should be placed on the treads to hold the liner in position until the pool is completely filled with water.

BENCH / POOL DECK / PADDLING POOL, NARROWER THAN / WIDER THAN 4.10M

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Bench/ pool deck/ paddling pool - Plain
Supplement for patterned tile band on steps
Bench/ pool deck/ paddling pool - Patterned
Aqualiner 0.75 mm
Bench/ pool deck/ paddling pool - Plain
Supplement for patterned tile band on steps
Bench/ pool deck/ paddling pool - Patterned
With non-slip treads and risers
Bench/ pool deck/ paddling pool - Plain*
Supplement for patterned tile band on steps



Non standard steps, of the same type the steps featured here, will be invoiced according to the prices indicated above. The number of treads has no impact on the price of the step piece

BENCH/ POOL DECK + CORNER STEP, NARROWER THAN / WIDER THAN 4.10 M

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Bench/ pool deck/ corner step – Plain
Supplement for patterned tile band on steps
Bench/pool deck/ corner step – Patterned
Aqualiner 0.75 mm
Bench/ pool deck/ corner step – Plain
Supplement for patterned tile band on steps
Bench/pool deck/ corner step – Patterned
With non-slip treads and risers
Bench/ pool deck/ corner step – Plain*
Supplement for patterned tile band on steps

BENCH/ POOL DECK AND STRAIGHT STEP, NARROWER THAN / WIDE THAN 4.10 M

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Bench/ pool deck/ straight step – Plain
Supplement for patterned tile band on steps
Bench/ deck/straight step – Patterned
Aqualiner 0.75 mm
Bench/ pool deck/ straight step – Plain
Supplement for patterned tile band on steps
Bench/ deck/straight step – Patterned
With non-slip treads and risers
Bench/ pool deck/ straight step – Plain*
Supplement for patterned tile band on steps

BENCH/ POOL DECK + EMERGENT STRAIGHT STEP, NARROWER THAN / WIDE THAN 4.10 M

Families 6210 & 6310



* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Bench/ pool deck/ em. straight step- Plain
Supplement for patterned tile band on steps
Bench/ pool deck. em. straight step – Patterned*
Aqualiner 0.75 mm
Bench/ pool deck/ em. straight step- Plain
Supplement for patterned tile band on steps
Bench/ pool deck. em. straight step – Patterned*
With non-slip treads and risers
Bench/ pool deck/ em. straight step- Plain
Supplement for patterned tile band on steps

BENCH/ POOL DECK + ASSORTED STEP, NARROWER THAN / WIDE THAN 4.10 M

Families 6210 & 6310

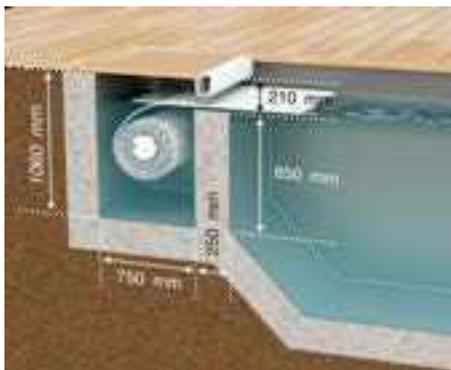


* Available in 6 colours: dark blue, light blue, white, beige, grey and anthracite grey.

Liner type
Superliner V2F 0.85 mm
Bench/ pool deck/ assorted step – Plain
Supplement for patterned tile band on steps
Bench/ pool deck/ assorted step – Patterned
Aqualiner 0.75 mm
Bench/ pool deck/ assorted step – Plain
Supplement for patterned tile band on steps
Bench/ pool deck/ assorted step – Patterned
With non-slip treads and risers
Bench/ pool deck/ assorted step – Plain*
Supplement for patterned tile band on steps

AUTOMATIC COVER PITS

Families 6210 & 6310



If a BWT beam is used

To ensure compliance with the French standard NF P 90-308, the distance between the top of the pool wall and the top of the pit wall must be 210 mm.

If a beam other than a BWT beam is used

Make sure that the distance between the bottom of the beam and the top of the pit wall is not greater than 150 mm.

Liner type
Superliner V2F 0.85 mm
Automatic cover pit – Plain
Supplement, patterned tile band on cover pit
Automatic cover pit – Patterned
Aqualiner 0.75 mm
Automatic cover pit – Plain
Supplement, patterned tile band on cover pit
Automatic cover pit – Patterned



The corner formed by the pool walls and pool base within the cover pit are sharp 90° corners.

AUTOMATIC COVER EXTENSION

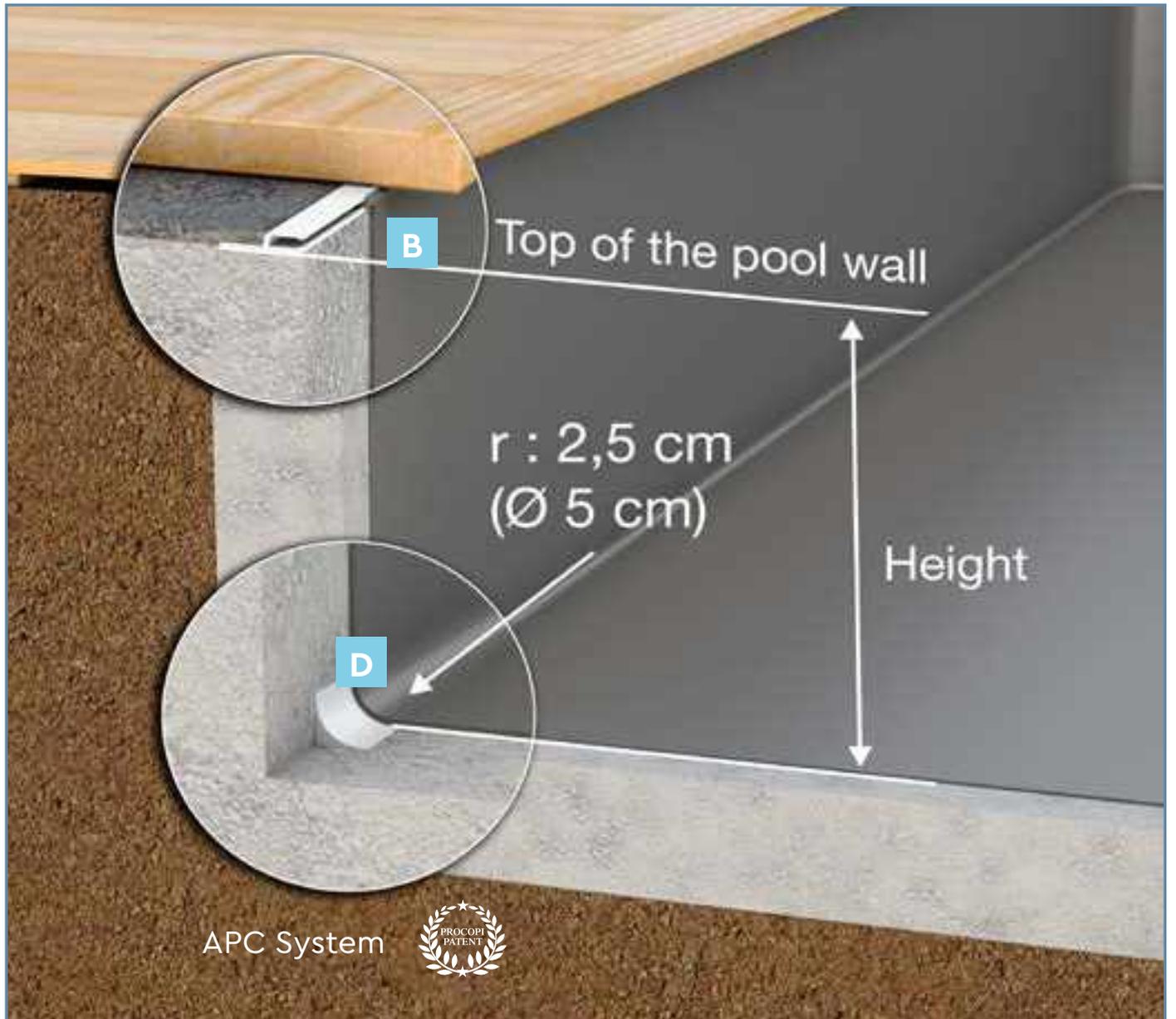
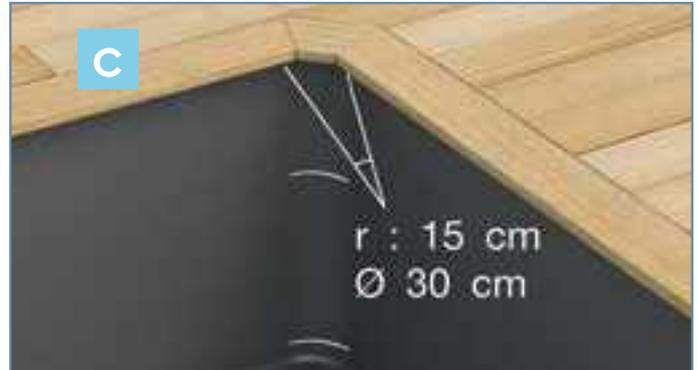
Families 6210 & 6310



Liner type
Superliner V2F 0.85 mm
Automatic cover extension – Plain
Supplement, patterned tile band on extension
Automatic cover extension – Patterned
Aqualiner 0.75 mm
Automatic cover extension – Plain
Supplement, patterned tile band on extension
Automatic cover extension – Patterned

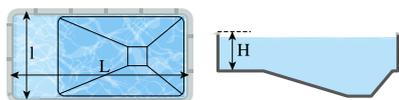
TAKING MEASUREMENTS

- IMPORTANT:
- A Dimensions indicated on standard liner diagrams correspond to the interior pool dimensions in meters
 - B The heights are calculated from the top of the pool wall
 - C The 4 vertical corners have a diameter of 30 cm, constant over the entire height
 - D The horizontal corners are rounded with a diameter of 5 cm

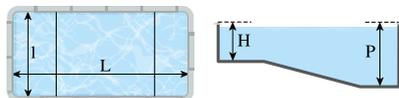


SURFACE AREA CALCULATIONS

LINER WITH DIVING PIT



Wedge base		
Pool base surface area	Pool wall surface area	Total surface area
$L \times W \times 1.30 = S1$	$(L + W) \times 2 \times H = S2$	$S1 + S2 = S$

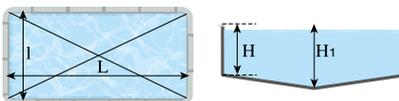


Sloped base		
Pool base surface area	Pool wall surface area	Total surface area
$L \times W = S1$	$(L + W) \times 2 \times \frac{(H + D)}{2} = S2$	$S1 + S2 = S$

i Note: 1.30 is an empirical coefficient needed to calculate the total net surface area of the pool base.

LINER WITH CURVED BASE

i NOTE: If the difference between the measurements H1 and H is less than 40 cm, the coefficient 1.3 may be left out of the pool base surface area calculation.



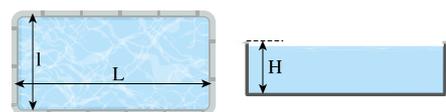
Curved base		
Pool base surface area	Pool wall surface area	Total surface area
$L \times W \times 1.30 = S1$	$(L + W) \times 2 \times H = S2$	$S1 + S2 = S$



Round with conical edge		
Pool base surface area	Pool wall surface area	Total surface area
$D \times D \times 1.30 = S1$	$3.14 \times D \times H = S2$	$S1 + S2 = S$

i Note: 1.30 is an empirical coefficient needed to calculate the total net surface area of the pool base.

LINER WITH A FLAT BASE



Standard shaped base		
Pool base surface area	Pool wall surface area	Total surface area
$L \times W = S1$	$(L + W) \times 2 \times H = S2$	$S1 + S2 = S$



Round, flat bottom		
Pool base surface area	Pool wall surface area	Total surface area
$D \times D = S1$	$3.14 \times D \times H = S2$	$S1 + S2 = S$

STRAIGHT STEP OR STRAIGHT ACROSS THE WIDTH, DEPTH GREATER THAN 1.80 M

NEW

If the step depth is greater than 1.80 m, a supplement for a Bench/submerged deck will be added:
Price of the straight step or straight across the width + Price of a bench/ submerged deck.

LINER WITH STEP OR COVER PIT

If your pool features steps or a cover pit, proceed as follows:

- Calculate the surface area and the price of the liner as indicated on pages 211,
- Add the price of the steps or the cover pit, as described on page 206 -210 to the price of the liner.

SURFACE AREA CALCULATIONS

Liners are invoiced according to a price per m² (see opposite) applied to an invoiceable surface area. The invoiceable surface area is calculated by multiplying the total surface area by a complexity coefficient.

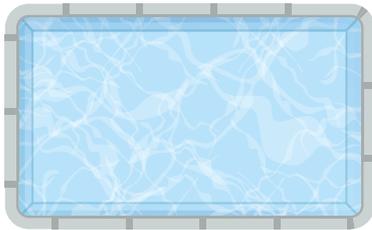
The various pool shapes are defined below, bear in mind that stairs, cover pits and extensions are not taken into account when assessing the pool shape.



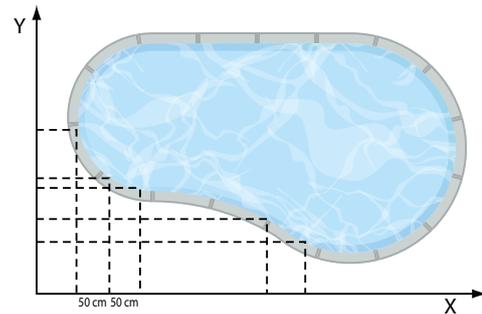
Preview designs, generate quotes, place orders with the Aquasoft liner application

SIMPLE SHAPE	FREE FORM WITH A TRIANGULATION DIAGRAM
--------------	--

A simple shape is a symmetrical, geometric shape that does not include angles or re-entrant sides. Rectangular, square, polygon, round and oval shapes are all considered to be simple shapes.



A surcharge of 30% is applied to the total net surface area of free-form pools if the pool's triangulation diagram is provided.



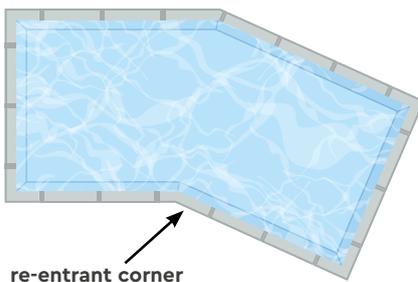
Price of a simple liner shape = TNSA • price per m ²	Price, free form liner with triangulation diagram = (TNSA • 1.30) x price per m ²
---	--

• TNSA = Total Net Surface Area

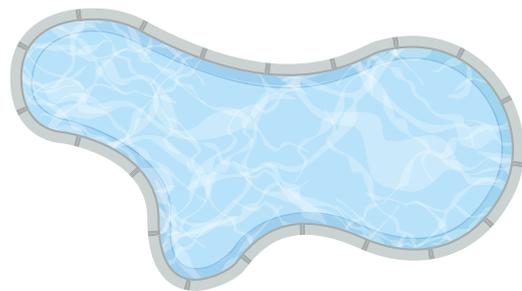
• TNSA = Total Net Surface Area

COMPLEX SHAPE	FREE-FORM WITH TEMPLATE
---------------	-------------------------

A complex shape is a geometric shape that may feature corners or dog legs, but that may be traced using a ruler and a compass, without any need for triangulation (point coordinates). A surcharge of 15% is applied to the total net surface area of complex shaped pools.



If a template is provided for a free-form pool, a surcharge of 30% plus a fixed sum is applied. This surcharge corresponds to the cost of dimensioning the template and drawing up the triangulation diagram.



Liner price for complex shapes = (TNSA • 1.15) x price per m ²	Price of a free form liner with template = (TNSA • 1.30) x price per m ² + fixed charge
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• TNSA = Total Net Surface Area

• TNSA = Total Net Surface Area

LINER LESS THAN 60 M ²

If the surface area is less than 60 m², a surcharge of 10% is applied to the total net surface area of the Aqualiner 0.75 mm or Superliner V2F 0.85 mm.

Price of a liner < 60 m ² : (TNSA • 1.10) x price per m ²

• TNSA = Total Net Surface Area



Use Aquasoft to generate quotes for your liners and to place your orders.

Preview your non-standard liner



LINER LOCKING TRACK

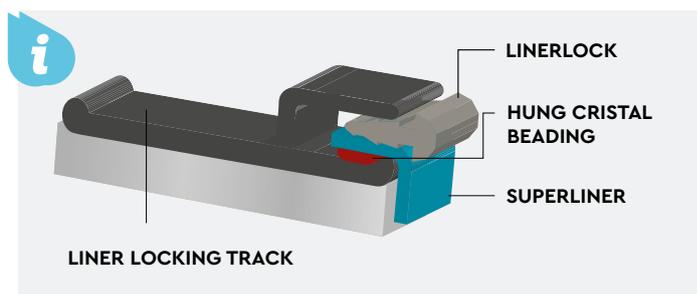
Family 6450

	Description		Code	Code
		Hung liner track, width 50 mm	PVC	alu
	Hung liner track; straight, 50 mm, length 2 m	per m	1820100	1820400
		Free-form Hung liner track	PVC	alu
	Hung liner track, 50 mm, free form, length 2 m	per m	1820300	-



Hung liner track aluminium sub-coping

- Thickness 2 mm for greater rigidity
- Guide groove to facilitate centering and drilling
- The upper tab holds linerlock retaining strip in position
- Small footprint, 14.8 mm



LINER LOCKING TRACK

LINERLOCK HUNG LINER LOCKING TRACK

Family 6450



Linerlock Hung, 17 mm:

This retaining strip features a section that can be positioned to cover either the coping joint or the membrane weld.



Linerlock Hung, 6 mm:

This strip is mainly used to retain the membrane in the Hung liner track. It is also compatible with the Ceramica System.

	Description		Code	Code
			17 mm	6 mm
White	Linerlock Hung	per 50 m	1820920	1820950
Light blue	Linerlock Hung	per 50 m	1820921	1820951
Grey blue	Linerlock Hung	per 50 m	1820930	1820960
Dark blue	Linerlock Hung	per 50 m	1820922	1820952
Mint	Linerlock Hung	per 50 m	1820931	1820961
Clay	Linerlock Hung	per 50 m	1820935	1820965
Beige	Linerlock Hung	per 50 m	1820925	1820955
Taupe	Linerlock Hung	per 50 m	1820932	1820962
Grey	Linerlock Hung	per 50 m	1820928	1820958
Anthracite grey	Linerlock Hung	per 50 m	1820926	1820956
Black	Linerlock Hung	per 50 m	1820929	1820959

General information

Guarantee:

Superliner V2F and Aqualiner liners are delivered with detailed guarantee conditions and operating instructions specific to each product.

The guarantees are also indicated by means of pictograms on the previous pages.

The guarantee conditions and instructions for use concerning Superliner V2F 0.85 mm liners and Aqualiner are also available on our Internet site.

Delivery :

All the Superliner V2F 0.85 mm and Aqualiner 0.75 mm liners are delivered:

- In a protective carrying sack, that protects the liner during transport and handling,
- With a sachet of 16 wooden half pegs, to facilitate fitting of the liner.



Felt underlay:

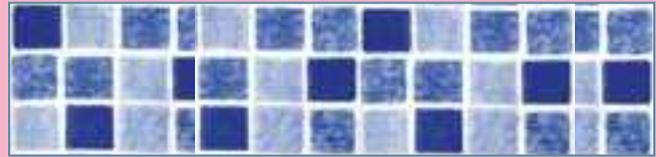
In the event that the pool is fitted with underlay, the French standard AFNOR NF T 54 802 stipulates that:

- The underlay (Biotex) must be impregnated with a biocide
- The glue used (Biocol) to lay the underlay must be a vinyl glue treated with a biocide
- Fixing of the underlay with coloured adhesive tape is strictly prohibited.



Pattern continuity:

In the case of patterned liners, or liners with a tile band, featuring a repeating pattern, the French standard AFNOR NF T 54 802 states that it is impossible to guarantee the continuity of the pattern. See the examples below.



Dark colours (notably black) are more susceptible to high concentrations of oxidising agents.

BIOCOL GLUE

Family 6450

BIOCOL : Special Biotex glue that contains a bactericide. (30% dry extract without chalk or starch).



1



2



3



4

GLUE COMPARISON TABLE

for floor underlay	for wall underlay	for wall underlay	for wall underlay
anti bacterial glue	anti bacterial glue	x	x
x	Strong adherence to vertical surfaces	Rapid curing Fine glue particles Excellent coverage	Rapid assembly Even bonding High tack
x	compatible with concrete	compatible with concrete	compatible with concrete
x	compatible with polystyrene	compatible with polystyrene	compatible with polystyrene
x	x	compatible with plastic	compatible with plastic
SURFACE COVERAGE IN M ²			
Between 20 and 50 m ² depending on the support	Between 200 and 300 g/m ² depending on the support	Between 200 and 300 g/m ² depending on the support	Approximately 25 m ²

Code	Description
	Anti-bacterial, underlay glue
1	1822100 Metallic pot of Biocol glue, 5 kg
	Glue for felt underlay
2	3360910 Pot of glue, 20 kg, for felt underlay
	Ultra-fine glue spray for underlay (compatible with liner and membranes)
3	1822150 Glue spray, ultra-fine mist, 500 ml, for underlay
	Glue spray with adjustable nozzle (compatible with liner and membranes)
4	1822160 Glue spray, adjustable jet, 500 ml, for underlay

BWT BIOTEX UNDERLAY

Family 6450

Description

- Non-woven 100%polyolefine fibres (Biotex 200 & 350)
- Polyester (Biotex 550)
- Heat bonded and mechanically bonded by needle punching
- Colour: white or grey

General properties

- Recyclable
- Hypoallergenic, does not cause irritation during installation
- Rot-proof
- Permanent anti-bacterial treatment (integrated into the polymer)
- Class I according to the Ökotex standard 100
- Respectful of the environment

Numerous advantages

- Protects the liner against irregularities of the pool floor and walls
- Hard wearing, supple, enhances comfort
- Prevents the formation of creases when laying the liner
- Excellent puncture resistance, withstands and corrects rough patches in the concrete
- Easy to cut
- Excellent stability for edge to edge fitting
- Better resistance to chemical attack from masonry and concrete



Code	Description
	BWT Biotex 200 antibacterial underlay
1821650	Biotex 200 40m ² , 20 m roll x 2m wide
1821660	Biotex 200 60m ² , 30 m roll x 2m wide
1821670	Biotex 200 100m ² , 50 m roll x 2m wide

Code	Description
	BWT Biotex 550 antibacterial underlay
1821860	Biotex 550 60m ² , roll 40 m long x 1.5 m wide
1821870	Biotex 550 80m ² , roll 40 m long x 2 m wide

A photograph of a swimming pool with clear blue water. In the foreground, there is a wooden deck and a wicker chair with a metal frame. The text 'OS REINFORCED MEMBRANES' is overlaid on the image.

OS

REINFORCED MEMBRANES

Complies with the following standards:

Standard NF EN 15836-1 August 2010 : PVC-P membrane for in-ground pools – Homogeneous membranes, thickness greater than or equal to 0.75 mm.

Standard NF EN 15836-2 August 2010 : PVC-P membrane for in-ground pools – Reinforced membranes, thickness greater than or equal to 1.50 mm.

Standard NFT54-802 April 2010 : Guide to laying, replacement, use and maintenance of a liner (Previously DTP N°3).

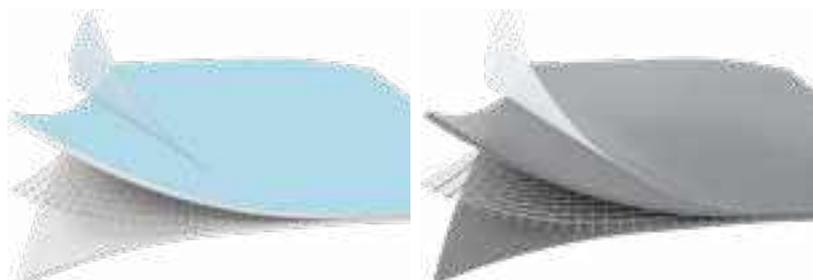
Standard NFT54-804 February 2008 : Guide to laying, replacement, use and maintenance of a reinforced membrane (Previously DTP N°3).



- 220** REINFORCED MEMBRANES - COMPARISON
- 224** REINFORCED MEMBRANE, 1 VARNISHED SURFACE
- 228** REINFORCED MEMBRANE, UNVARNISHED
- 230** PATTERNED REINFORCED MEMBRANES
- 232** 3D REINFORCED MEMBRANES
- 238** ACCESSORIES FOR WATERPROOFING MEMBRANES

REINFORCED MEMBRANES - COMPARISON

Reinforced
plain membranes



MODEL	BWT INITIAL V1F	ALKORPLAN 2000
TECHNICAL DATA		
COLOUR		
THICKNESS	1.50 mm	1.50 mm
PROTECTIVE VARNISH	✓	✓
ROLL DIMENSIONS	Width: 1.65 m / 2.05 m Length: 20 m / 25 m	Width: 1.65 m / 2.05 m Length: 25 m
RESISTANCE		
TEMPERATURE RESISTANCE	33 °C	33 °C
STAIN RESISTANCE	6 years	6 years
LEAK RESISTANCE	15 years	15 years
DIMENSIONAL STABILITY	5 years	5 years
STANDARD COMPLIANCE	NF 15 S36-2 Superior class	NF 15 S36-2 Superior class
SERVICES		
SOLD PER SQUARE METER	✓	✗
WELDED BAND	✗	✓
PACKAGING WITH INTEGRATED DISPENSER	✓	✗
TRAINING	✓	✓
DELIVERY		
PACKAGE DIMENSIONS	800 x 600 x 350 m	800 x 600 x 350 m
PAGES	224	226



Reinforced
patterned
membrane



ALKORPLAN 1000
1.50 mm
X
Width: 1.65 m Length: 25 m
33 °C
-
10 years
5 years
NF 15 836-2 Standard class
X
✓
✓
X
800 x 600 x 350 m
228

PF4000
1.50 mm
X
Width: 1.65 m Length: 20 m / 25 m
33 °C
6 years
15 years
5 years
NF 15 836-2 Superior class
✓
✓
✓
X
800 x 600 x 350 m
230

REINFORCED
MEMBRANES

REINFORCED MEMBRANES - COMPARISON

3D reinforced membranes



MODEL	ALKORPLAN 3D TOUCH & VOGUE	AQUASENSE
TECHNICAL DATA		
COLOUR		
THICKNESS	2.00 mm	2.00 mm
PROTECTIVE VARNISH	X	X
ROLL DIMENSIONS	Width: 1.65 m Length: 21 m	Width: 1.65 m Length: 20 m
RESISTANCE		
TEMPERATURE RESISTANCE	33 °C	33 °C
STAIN RESISTANCE	6 years	6 years
LEAK RESISTANCE	15 years	15 years
DIMENSIONAL STABILITY	5 years	5 years
STANDARD COMPLIANCE	NF 15 836-2 Superior class	NF 15 836-2 Superior class
SERVICES		
SOLD PER SQUARE METER	✓	✓
WELDED BAND	✓	✓
PACKAGING WITH INTEGRATED DISPENSER	✓	✓
TRAINING	X	X
DELIVERY		
PACKAGE DIMENSIONS	800 x 600 x 350 m	800 x 600 x 350 m
PAGES	232	234

Relief reinforced membranes



ALKORPLAN RELIEF	
1.80 mm	
✓	
Width: 1.65 m Length: 25 m	
33 °C	
6 years	
15 years	
5 years	
NF 15 S36-2 Superior class	
✓	
✓	
✓	
✗	
800 x 600 x 350 m	
236	

REINFORCED MEMBRANES

REINFORCED MEMBRANE BWT Initiale V1F **PRO EXCLUSIVE**

Family 6500



- Protective acrylic varnish (water side)
- Two high performance PVC-P 0.75 mm membrane layers
- Reinforcing, polyester mesh



TECHNICAL DATA AND PERFORMANCE DATA

By evaluating the needs of professionals and end users in the context of 35 years of experience, BWT Pool Products has developed a new generation of attractive, high performance membranes.

BWT Initiale V1F membranes comply with the AFNOR NF T 54 804 and NF 15836-2 standard, and the REACH (EC 1907/2006) directive:

Protective varnish on one surface:

A layer of acrylic varnish applied to the side in contact with the water:

- Facilitates cleaning of the membrane, notably the water line.
- Enhances the protection of pigments against UV radiation.
- Slows discolouration of the membrane.
- Protects the membrane against abrasion and scratching.
- A fungicide impregnated into the membrane, protects the membrane against the growth of algae, bacteria and micro-organisms.

Polyester mesh:

- Sandwiched between two 0.75 mm membranes, it increases the membrane's resistance to tearing, deformation and delamination.
- Optimises dimensional stability.

Withstands water temperatures up to 33°C.

A wide range of colours and patterns:

- 6 plain colours
- 21 patterns, of which 3 PF4000 patterns, 11 Aquasense and 7 Relief patterns.

Plain colours match our pool fittings and our automatic covers.

Outstanding guarantees (see below), the logical outcome of the exceptional qualities of the 0.75 mm PVC-P sheets used to manufacture 1.50mm reinforced membranes.

GUARANTEES

Guarantees offered on the standard and non-slip 1.50 mm reinforced membranes are reserved exclusively to BWT Pool Products's professional clients. They apply to all standard and non-slip 1.50 mm reinforced membranes delivered after February 1st 2018. Guarantees covering 1.50 mm reinforced membranes implies the professional client's acceptance of the provisions and recommendations set out in the following documents:

- French standard NF EN 15836-2, dated August 2010
- French standard NF T 54-804, dated February 2008
- The document "Use and maintenance of PVC-P membranes", issued by BWT Pool Products.

In the case of a claim accepted by BWT Pool Products in the scope of one of these guarantees, the professional client will also receive a fixed payment to cover the costs of labour and other incidental costs. Detail of the provisions of the guarantees offered on 1.50 mm membranes are available on procopi.com.

THE COLOURS - BWT INITIALE V1F - PLAIN AND NON-SLIP **PRO EXCLUSIVE**

Family 6500



White



Beige



Light blue



Adriatic blue



Grey



Anthracite grey

BWT INITIALE V1F PLAIN - 1.65 M **PRO EXCLUSIVE**

Family 6500

Width 1.65 m: delivered in 25 m rolls (41.25 m²) or pallet of 8 rolls (328 m²).

Code	Description	
125254533	BWT Initiale V1F Plain – White	per m ²
125254535	BWT Initiale V1F Plain – Beige	per m ²
125254537	BWT Initiale V1F Plain – Light blue	per m ²
125254543	BWT Initiale V1F Plain – Adriatic blue	per m ²
125254539	BWT Initiale V1F Plain – Light grey	per m ²

 A pallet of BWT Initiale V1F 1.65 m may be loaded with 8 different plain coloured rolls (white, beige, grey, etc.), roll width must be identical.

BWT INITIALE V1F PLAIN - 2.05 M **PRO EXCLUSIVE**

Family 6510

Width 1.65 m: delivered in 25 m rolls (51 m²) or pallet of 8 rolls (408 m²).

Code	Description	
125254534	BWT Initiale V1F Plain – White	per m ²
125254536	BWT Initiale V1F Plain – Beige	per m ²
125254538	BWT Initiale V1F Plain – Light blue	per m ²
125254544	BWT Initiale V1F Plain – Adriatic blue	per m ²
125254540	BWT Initiale V1F Plain – Light grey	per m ²
125254542	BWT Initiale V1F Plain – Anthracite grey	per m ²

 A pallet of BWT Initiale V1F 2.05 m may be loaded with 8 different plain coloured rolls (white, beige, grey, etc.), roll width must be identical.

BWT INITIALE V1F PLAIN - NON-SLIP - 1.65 M **PRO EXCLUSIVE**

Family 6500

Width 1.65 m: delivered in 20 m rolls (33 m²) or pallet of 8 rolls (264 m²) or per m².

Code	Description	
125254547	BWT Initiale V1F Plain, non-slip – White	per m ²
125254548	BWT Initiale V1F Plain, non-slip – Beige	per m ²
125254549	BWT Initiale V1F Plain, non-slip – Light blue	per m ²
125254552	BWT Initiale V1F Plain, non-slip – Adriatic blue	per m ²
125254550	BWT Initiale V1F Plain, non-slip – Light grey	per m ²
125254551	BWT Initiale V1F Plain, non-slip – Anthracite grey	per m ²

 A pallet of BWT Initiale V1F non-slip may be loaded with 7 different plain coloured rolls (white, beige, grey, etc.), roll width must be identical.

LIQUID PVC - BWT INITIALE V1F **PRO EXCLUSIVE**

Family 6500

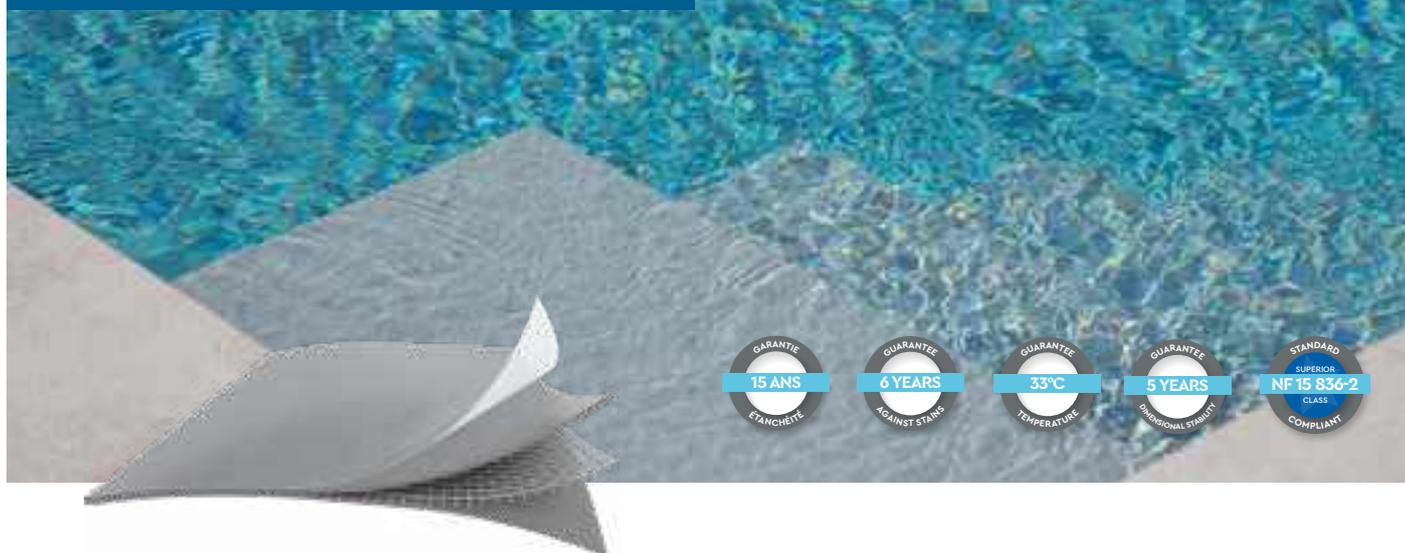
Code	Description	
125254554	Liquid PVC – White	1 L pot
125254555	Liquid PVC – Beige	1 L pot
125254556	Liquid PVC – Light blue	1 L pot
125254559	Liquid PVC – Adriatic blue	1 L pot
125254557	Liquid PVC – Light grey	1 L pot
125254558	Liquid PVC – Anthracite grey	1 L pot

REINFORCED MEMBRANE - Alkorplan 2000 **PRO EXCLUSIVE**

Family 6430



- Protective acrylic varnish (water side)
- Two high performance PVC-P 0.75 mm membrane layers
- Reinforcing, polyester mesh



TECHNICAL DATA AND PERFORMANCE DATA

Alkorplan 2000 – 3000 and 3D Touch membranes are manufactured by RENOLIT.

All Alkorplan 2000 – 3000 and 3D Touch membranes comply with the French standards AFNOR NF T 54 804 and NF 15836-2, as well as the REACH directive (EC 1907/2006).

A layer of varnish 8 microns thick, applied to the water side.

- Facilitates cleaning of the membrane, notably the water line.
- Enhances the protection of pigments against UV radiation.
- Slows discolouration of the membrane.
- Protects the membrane against abrasion and scratching.

A polyester mesh is sandwiched between two 0.75 mm provides excellent resistance to tearing, deformation and delamination.

A fungicide impregnated into the membrane inhibits the growth of algae, bacteria and micro-organisms.

Withstands water temperatures up to 33°C

Excellent dimensional stability

A wide range of colours and patterns:

- 7 plain colours.
- 11 patterns; 7 3D Touch patterns, 4 3D Vogue patterns

Plain colours match our pool fittings and our automatic covers.

Outstanding guarantees (see below), the logical outcome of the exceptional qualities of the 0.75 mm PVC-P sheets used to manufacture 1.50mm 2000, 3000 and 3D Touch reinforced membranes.

GUARANTEES

Guarantees offered on the 2000, 3000 and 3D Touch reinforced membranes are reserved exclusively to BWT Pool Products's professional clients. They apply to all standard and non-slip 1.50 mm reinforced membranes delivered after February 1st 2018. Guarantees covering 2000, 3000 and 3D touch reinforced membranes implies the professional client's acceptance of the provisions and recommendations set out in the following documents:

- French standard NF EN 15836-2, dated August 2010
- French standard NF T 54-804, dated February 2008
- The document "Use and maintenance of PVC-P membranes", issued by the BWT Pool Products.

In the case of a claim accepted by BWT Pool Products in the scope of one of these guarantees, the professional client will also receive a fixed payment to cover the costs of labour and other incidental costs. Detail of the provisions of the guarantees offered on 1.50 mm 2000, 3000 and 3D membranes are available on procopi.com.



BWT Pool Products's Design Office can draw up a layout plan to optimise the use of materials and choose the best locations for the welds.

THE GUARANTEES OFFERED BY BWT POOL PRODUCTS

Guarantees covering Alkorplan 2000 membranes were modified as of the 1st of February 2016.

Under the terms of these guarantees the installer is now reimbursed a fixed sum to compensate labour, call-out fees, water and chlorinated water treatment products under the following circumstances:

- Replacement of the Alkorplan 2000 membrane, within the scope of a guarantee claim,
- A defect in the Alkorplan 2000 membrane, observed during installation.

The guarantees also cover labour costs associated with the presence of an automated cover and/or steps.

CAUTION: Anthracite grey and black are more sensitive to high concentrations of oxydising water treatment chemicals, incorrect pH balancing and deposition of limescale

The Redox potential (oxidation reduction potential) of the pool water has a significant impact on the ability of standard Alkorplan membranes to hold their colour over time. The Redox potential will vary depending on the type of Chlorine used (Stabilised or non-stabilised), the pH value of the pool water and the concentration of Isocyanuric Acid in the pool. In order to protect the pigments in the waterproofing membrane, the Redox potential should not be allowed to rise above 750 mV for sustained periods of time.



25.20 m x 1.65 m rolls are invoiced on a basis of 41 m². 25.20 m x 2.05 m rolls are invoiced on a basis of 51 m².



White



Beige



Caribbean green



Light blue



Adriatic blue



Grey



Anthracite grey

ALKORPLAN 2000 - PLAIN - 1.65 M PRO EXCLUSIVE

Family 6430

Width 1.65 m: delivered in 25 m rolls (41m²) or pallet of 8 rolls (328 m²).

Code	Description	
1810010	Alkorplan 2000 – Light blue	per m ²
1810020	Alkorplan 2000 – Adriatic blue	per m ²
1810030	Alkorplan 2000 – White	per m ²
1810040	Alkorplan 2000 – Caribbean green	per m ²
1810050	Alkorplan 2000 – Beige	per m ²
1810080	Alkorplan 2000 – Light grey	per m ²
1810210	Alkorplan 2000 – Anthracite grey	per m ²



A pallet of Alkorplan 2000 may be loaded with 8 different plain coloured rolls (white, beige, grey, etc.), roll width must be identical.

ALKORPLAN 2000 - PLAIN - 2.05 M PRO EXCLUSIVE

Family 6430

Width 2.05 m: delivered in 25 m rolls (51 m²), pallet of 8 rolls (408 m²).

Code	Description	
1810012	Alkorplan 2000 – Light blue	per m ²
1810022	Alkorplan 2000 – Adriatic blue	per m ²
1810032	Alkorplan 2000 – White	per m ²
1810042	Alkorplan 2000 – Caribbean green	per m ²
1810052	Alkorplan 2000 – Beige	per m ²
1810082	Alkorplan 2000 – Light grey	per m ²
1810212	Alkorplan 2000 – Anthracite grey	per m ²

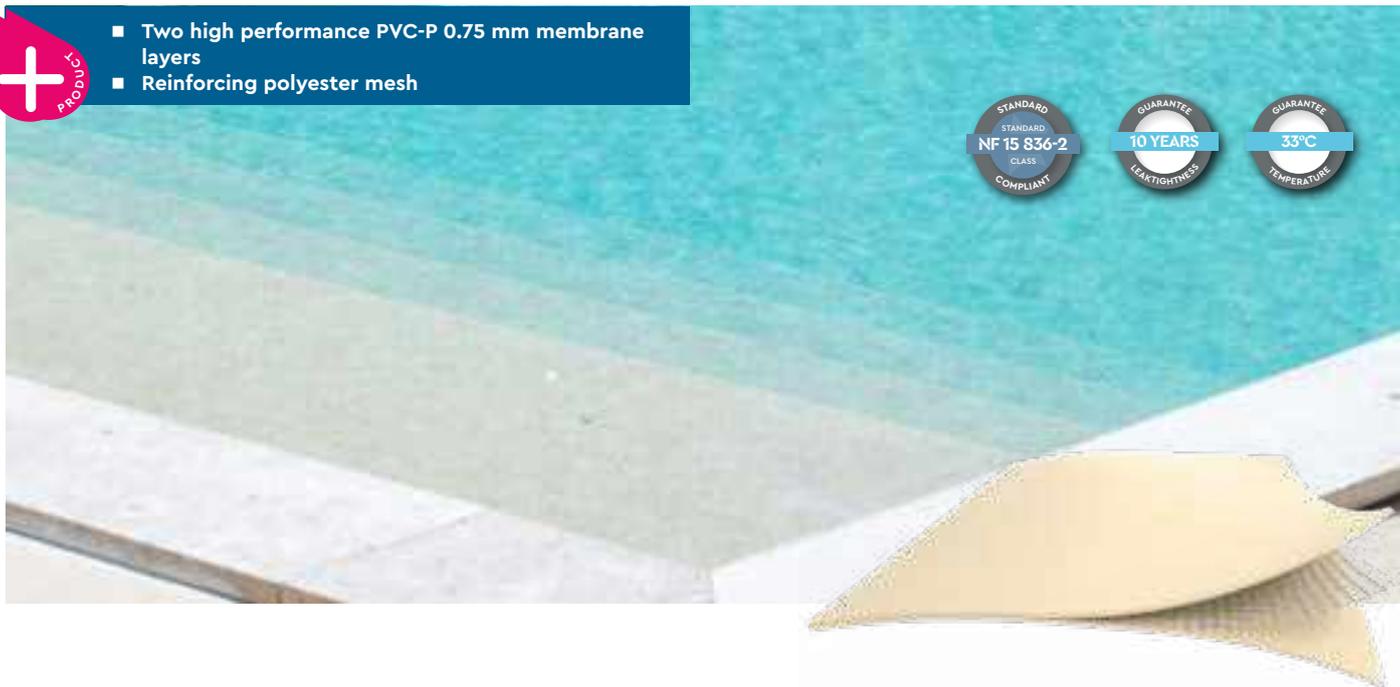


A pallet of Alkorplan 2000 may be loaded with 8 different plain coloured rolls (white, beige, grey, etc.), roll width must be identical.

REINFORCED MEMBRANE - Alkorplan 1000 **PRO EXCLUSIVE**

Family 6400

- Two high performance PVC-P 0.75 mm membrane layers
- Reinforcing polyester mesh



TECHNICAL DATA AND PERFORMANCE DATA

Alkorplan Standard and Non-slip membranes are manufactured by RENOLIT.

All Alkorplan Standard and Non-slip membranes comply with the French standards AFNOR NF T 54 804 and NF 15836-2, as well as the REACH directive (EC 1907/2006).

Non-slip reinforced membranes meet the requirements for class C Classification as set out in the European standard EN 15288-1 governing pool safety. Tests were performed by the SFV laboratory in accordance with the test protocol DIN 51 097.

A fungicide impregnated into the membrane, protects the membrane against the growth of algae, bacteria and micro-organisms.

Withstands water temperatures up to 33°C

Good dimensional stability

A wide range of colours and patterns:

- 5 plain colours.
- 6 plain colours for non-slip membranes

Plain colours match our pool fittings and our automatic covers.

The guarantees offered (see below) are the logical outcome of the exceptional qualities of the 0.75 mm PVC-P sheets used to manufacture 1.50mm standard and non-slip reinforced membranes.

GUARANTEES

Guarantees offered on the standard and non-slip 1.50 mm reinforced membranes are reserved exclusively to BWT Pool Products's professional clients. They apply to all standard and non-slip 1.50 mm reinforced membranes delivered after February 1st 2018. Guarantees covering standard and non-slip 1.50 mm reinforced membranes implies the professional client's acceptance of the provisions and recommendations set out in the following documents:

- French standard NF EN 15836-2, dated August 2010
- French standard NF T 54-804, dated February 2008
- The document "Use and maintenance of PVC-P membranes", issued by BWT Pool Products.

In the case of a claim accepted by BWT Pool Products in the scope of one of these guarantees, the professional client will also receive a fixed payment to cover the costs of labour and other incidental costs. Detail of the provisions of the guarantees offered on 1.50 mm standard and non-slip membranes are available on procopi.com.



BWT Pool Products's Design Office can draw up a layout plan to optimise the use of materials and choose the best locations for the welds.

REINFORCED MEMBRANE - Alkorplan 1000 **PRO EXCLUSIVE**

Family 6400



White



Beige



Light blue



Adriatic blue



Grey

ALKORPLAN 1000 - PLAIN - 1.65 M **PRO EXCLUSIVE**

Family 6400

Width 1.65 m: delivered in 25 m rolls (41m²) or pallet of 8 rolls (328 m²).

Code	Description	
1802010	Alkorplan 1000 - Light blue	per m ²
1802020	Alkorplan 1000 - Adriatic blue	per m ²
1802030	Alkorplan 1000 - White	per m ²
1802050	Alkorplan 1000 - Beige	per m ²
1802060	Alkorplan 1000 - Grey	per m ²



A pallet of Alkorplan 2000 may be loaded with 8 different plain coloured rolls (white, beige, grey, etc.), roll width must be identical.

LIQUID PVC - ALKORPLAN 1000 & 2000 **PRO EXCLUSIVE**

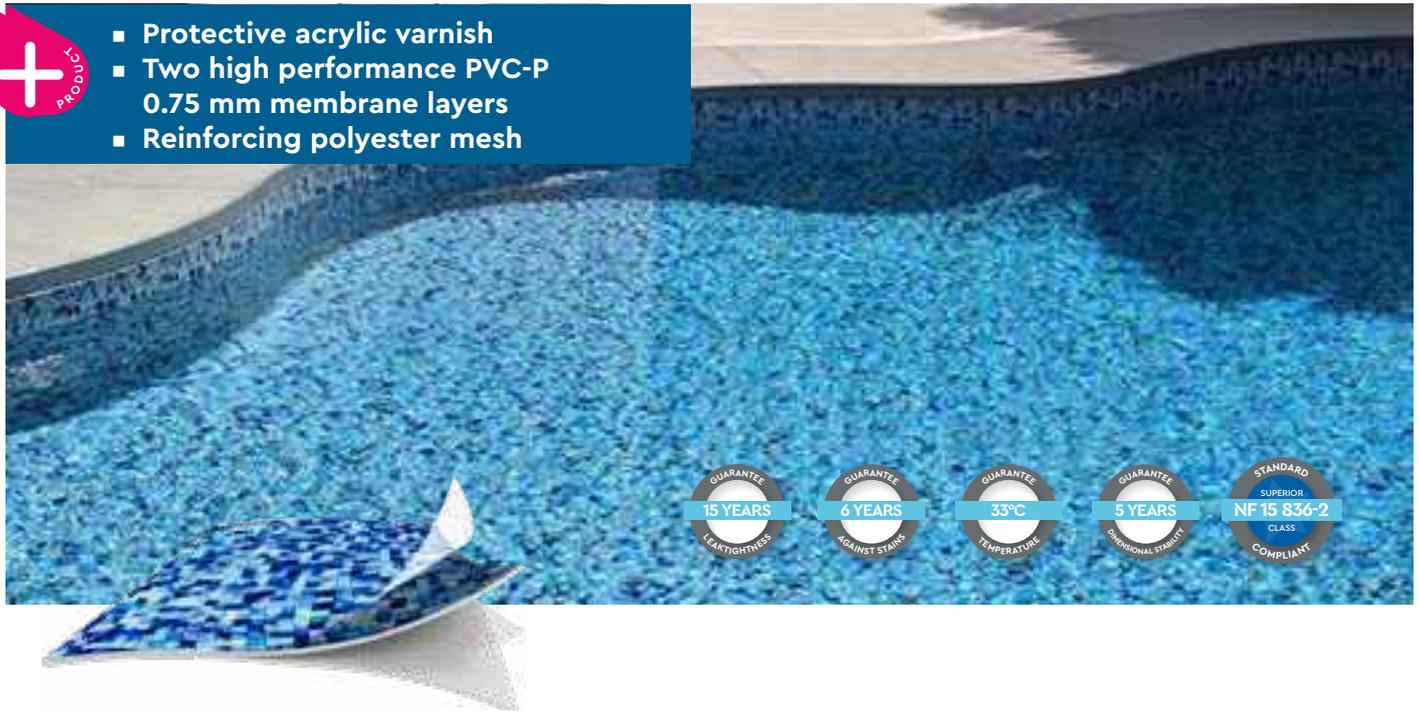
Family 6460

Code	Description	
1824110	Alkorplan liquid PVC - Light blue	0.9 kg pot
1824120	Alkorplan liquid PVC - Adriatic blue	0.9 kg pot
1824130	Alkorplan liquid PVC - White	0.9 kg pot
1824140	Alkorplan liquid PVC - Caribbean green	0.9 kg pot
1824150	Alkorplan liquid PVC - Beige	0.9 kg pot
1824180	Alkorplan liquid PVC - Grey	0.9 kg pot
1824186	Alkorplan liquid PVC - Anthracite grey	0.75 kg pot

REINFORCED MEMBRANE - PF4000 **PRO EXCLUSIVE**

Family 6520

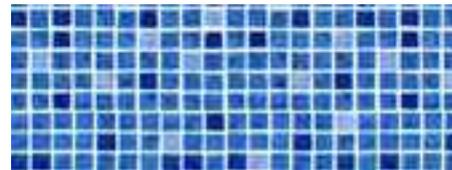
- Protective acrylic varnish
- Two high performance PVC-P 0.75 mm membrane layers
- Reinforcing polyester mesh



PATTERNS



Butterfly Pearl



Cyrus Blue



Cyrus Sand

PF4000 - PATTERNED - 1.65M **PRO EXCLUSIVE**

Family 6520

Width 1.65 m: delivered in 25 m rolls (41m²) or pallet of 8 rolls (328 m²).

Code	Description	
1922110	PF4000 - Butterfly Pearl	per m ²
1922070	PF4000 - Cyrus Blue	per m ²
1922090	PF4000 - Cyrus Sand	per m ²



A pallet of PF4000 membrane may be loaded with 8 differently patterned rolls (Butterfly Pearl, Cyrus Blue, etc.), roll width must be identical.

PF4000 NON-SLIP - PATTRNED - 1.65M **PRO EXCLUSIVE**

Family 6530

Width 1.65 m: delivered in 20 m rolls (33m²) or pallet of 8 rolls (264 m²).

Code	Description	
1924070	PF4000 Non-slip - Cyrus Blue	per m ²
1924090	PF4000 Non-slip - Cyrus Sand	per m ²



A pallet of PF4000 membrane may be loaded with 8 differently patterned rolls (Butterfly Pearl, Cyrus Blue, etc.), roll width must be identical.

LIQUID PVC - PF4000 **PRO EXCLUSIVE**

Family 6530

Code	Description	
1925010	Liquid PVC PF4000 - Transparent	1 L pot

REINFORCED MEMBRANE - Alkorplan 3D Touch & Vogue **PRO EXCLUSIVE**

- +** PRODUCT
- 2 mm, the thickest membrane on the market, most hard-wearing, and long lasting membrane available on the market.
 - Certified non-slip.



ALKORPLAN 3D TOUCH



Authentic



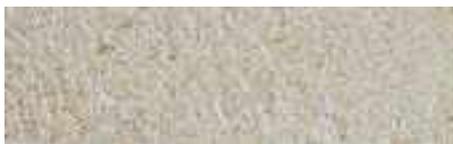
Elegance



Vanity



Origin



Relax



Sublime



Prestige

ALKORPLAN 3D VOGUE



Urban



Summer



Vintage



Tropical

NEW

ALKORPLAN 3D TOUCH - 2.00 MM PRO EXCLUSIVE

Family 6410

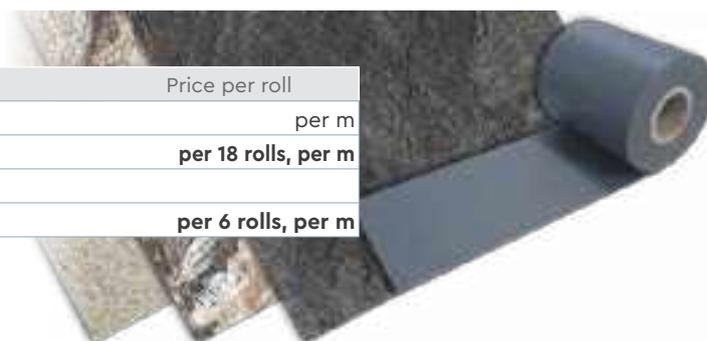
Width 1.65 m: delivered in 21 m rolls (35m²) or pallet of 4 rolls (140 m²) or per m².

Code	Description	
Alkorplan 3D Touch		
1805500	Alkorplan 3D - Touch - 2.00 mm - Authentic	per m ²
1805520	Alkorplan 3D - Touch - 2.00mm - Relax	per m ²
1805640	Alkorplan 3D - Touch - 2.00 mm - Elegance	per m ²
1805600	Alkorplan 3D - Touch - 2.00 mm - Sublime	per m ²
1805580	Alkorplan 3D - Touch - 2.00 mm - Vanity	per m ²
1805560	Alkorplan 3D - Touch - 2.00 mm - Prestige	per m ²
1805620	Alkorplan 3D - Touch - 2.00 mm - Origin	per m ²
Alkorplan 3D Vogue		
1804750	Alkorplan 3D Vogue - 2.00 mm - Urban	per m ²
1804760	Alkorplan 3D Vogue - 2.00 mm - Vintage	per m ²
1804770	Alkorplan 3D Vogue - 2.00 mm - Summer	per m ²
1804780	Alkorplan 3D Vogue - 2.00 mm - Tropical NEW	per m ²



A pallet of Alkorplan 3D Touch or vogue may be loaded with 8 differently patterned rolls (Authentic, Relax, etc.), roll width must be identical.

Code	Description	Price per roll
1827200	Edge to edge weld band, 0.15 × 20 m	per m
1827200	Edge to edge weld band, 0.15 × 20 ml	per 18 rolls, per m
1821450	Alkorplus blue felt 400 g/m ² , h1.5m x 50 m	
1821450	Alkorplus blue felt 400 g/m²,	per 6 rolls, per m



LIQUID PVC - ALKORPLAN 3D PRO EXCLUSIVE

Family 6410

Code	Description	
1824500	Liquid PVC, Alkorplan 3D - Authentic	0.9 kg pot
1824520	Liquid PVC, Alkorplan 3D - Relax	0.9 kg pot
1824540	Liquid PVC, Alkorplan 3D - Élegance	0.9 kg pot
1824580	Liquid PVC, Alkorplan 3D - Vanity	0.9 kg pot
1824600	Liquid PVC, Alkorplan 3D - Sublime	0.9 kg pot
1824560	Liquid PVC, Alkorplan 3D - Prestige	0.9 kg pot
1824620	Liquid PVC, Alkorplan 3D - Origin	0.9 kg pot
1824750	Liquid PVC - Vogue Urban	0.9 kg pot
1824760	Liquid PVC - Vogue Vintage	0.9 kg pot
1824770	Liquid PVC - Vogue Summer	0.9 kg pot
1824780	Liquid PVC - Vogue Tropical	0.9 kg pot



REINFORCED MEMBRANES - Aquasense PRO EXCLUSIVE

Family 6530

- +** PRO DUC
- Comprised of a reinforcing mesh sandwiched between two PVC membranes.
 - Textured surface.
 - Long guarantees resulting from the quality of the manufacturing process.



THE PATTERNS



Black Slate



Golden Riviera



3D Mosaic Blue



Calacatta Marble



Granite Beige



Fidji



Granite Blue



Granite Grey



Brown Bazalt



Green Bazalt



White Riviera

AQUASENSE PRO EXCLUSIVE

Family 6530

Width 1.65 m: delivered in 20 m rolls (33 m²), pallet of 8 rolls (264 m²) or per m².

Code	Description	
1932010	Aquasense – Black Slate	per m ²
1932020	Aquasense – Golden Riviera	per m ²
1932040	Aquasense – Nordic Stone	per m ²
1932050	Aquasense – Calacatta Marble	per m ²
1932060	Aquasense – 3D Mosaic Blue	per m ²
1932070	Aquasense – Fidji	per m ²
1932080	Aquasense – Granit Sand	per m ²
1932090	Aquasense – Granit Grey	per m ²
1932100	Aquasense – Granit Blue	per m ²
1932110	Aquasense – Brown Bazalt	NEW
1932120	Aquasense – Green Bazalt	NEW
1932130	Aquasense – White riviera	NEW



A pallet of Aquasense membrane may be loaded with 8 differently patterned rolls (black slate, golden riviera, etc.), roll width must be identical.

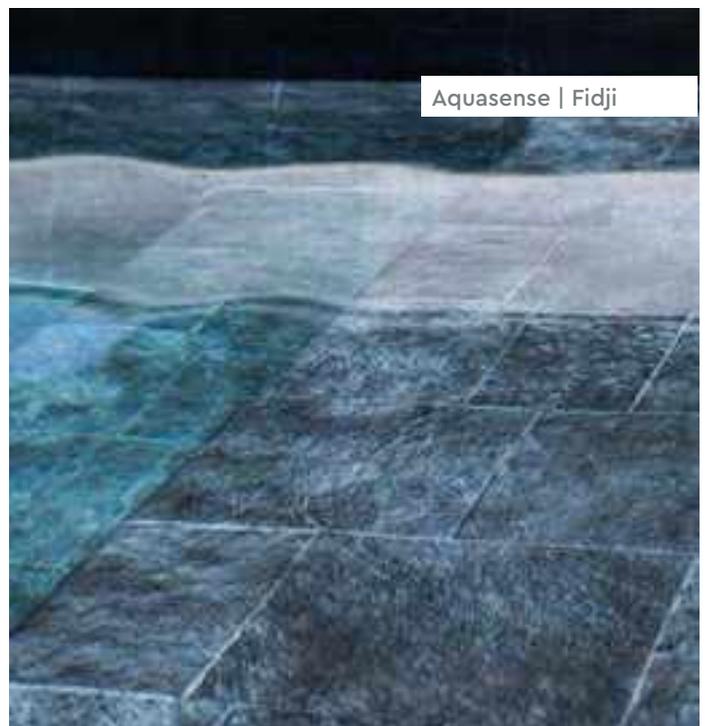
LIQUID PVC PRO EXCLUSIVE

Family 6530

Code	Description	
1935010	Liquid PVC – Aquasense Black Slate / Brown Bazalt	1L pot
1935020	Liquid PVC – Aquasense Golden Riviera	1L pot
1935050	Liquid PVC – Calacatta Marble / White riviera	1L pot
1935060	Liquid PVC – Aquasense Mosaic	1L pot
1935090	Liquid PVC – Aquasense Granit Grey	1L pot
1935080	Liquid PVC – Aquasense Granit Sand	1L pot
1935100	Liquid PVC – Aquasense Granit Blue	1L pot
1935070	Liquid PVC – Aquasense Fidji	1L pot



3D REINFORCED MEMBRANES



REINFORCED MEMBRANE - 3D | Alkorplan Relief **PRO EXCLUSIVE**

Family 6410



- No risk of slipping
- Certified by the most stringent tests specified by European and International standards.



White

Beige

Light blue

Adriatic blue

Caribbean green

Grey

Dark grey

ALKORPLAN RELIEF - 1.80 **PRO EXCLUSIVE**

Family 6410

Width 1.65 m: Available in m² sections, 25 m rolls (41 m²) or pallet of 8 rolls (330 m²).

A pallet of Relief 1.65m membrane may be loaded with 8 different coloured rolls (white, beige, etc.), roll width must be identical.

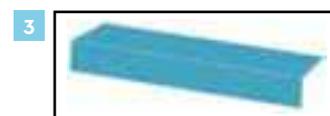
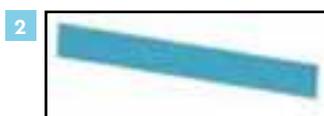
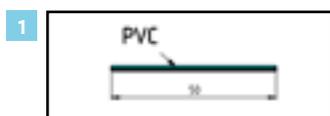
Code	Description	
1804015	Alkorplan Relief - Light blue - 1.80 mm	per m ²
1804025	Alkorplan Relief - Adriatic blue - 1.80 mm	per m ²
1804035	Alkorplan Relief - White - 1.80 mm	per m ²
1804045	Alkorplan Relief - Caribbean green - 1.80 mm	per m ²
1804055	Alkorplan Relief - Beige - 1.80 mm	per m ²
1804085	Alkorplan Relief - Grey - 1.80 mm	per m ²
1804215	Alkorplan Relief - Dark grey - 1.80 mm	per m ²

ACCESSORIES FOR WATERPROOFING MEMBRANES

ACCESSORIES

Family 6460

Rivets and colaminated shhets			
	1825110	Extruded strip expansion rivet	box of 100, per rivet
1	1826500	Connecting strip, flat, 50 mm, 2 m length	6 lengths, per unit
2	1826900	Renolit Alkorplus straight PVC profile, 50mm wide 2 m long	10 lengths, per unit
3	1826945	Renolit Alkorplus 90° PVC profile, 45 × 45 mm, 2 m long	10 lengths, per unit
Solvent, glue and underlay			
	1823150	THF solvent 1 L container	
	1822300	Vinyl glue for reinforced membrane	5 litre container
	1822390	Alkorplus contact glue	5 litre container
	1821450	Alkorplus blue felt, 400 g/m ² , height 1.50 m, 50 m roll	
Other accessories			
	1824200	Liquid PVC application bottle	
	1828100	9 mm welding tape	25 m roll, per m



MIXING STICK FOR LIQUID PVC

Family 6460



Code	Description
1824990	Mixing stick for liquid PVC





09

AUTOMATIC COVERS

Complies with the following standards:

NF EN 16582-1 (October 2015): Private family pools —
Part 1: General safety requirements and test methods
NF EN 16582-2 (October 2015): Private family pools —
Part 2: General safety requirements and test methods for in-ground pools
NF EN 16582-3 (October 2015): Private family pools —
Part 3: General safety requirements and test methods for above-ground pools
NF P90-308 December 2013: Safety covers and fastening methods
NF EN 60335-1 (May 2013): household and similar electrical appliances. Safety – general requirements
NF EN 60335-2-41 +A1+A2 (July 2010): safety of pumps belonging to household and similar electrical appliances
Directive 2014/35/EU: the Low Voltage directive
Directive 2011/65/EU (RoHS 2 : Reduction of Hazardous Substances) – Reduction of Hazardous Substances in electrical and electronic devices and
Directive 2015/863/CE RoHS 3
NF EN 55014-1 + A2, February 2012: Electromagnetic compatibility. Part 1, Emission
NF EN 55014-2 + A2, January 2009: Electromagnetic compatibility. Part 2, Immunity
Directive 2014/30/EC: the Electromagnetic compatibility directive
Directive 2014/35/UE, the Low Voltage directive
NF EN 61000-6-1, July 2015: Electromagnetic compatibility (ECM). Immunity for residential, commercial and light-industrial environments.
NF EN 61000-6-3, July 2015: Electromagnetic compatibility (ECM). Emissions in residential, commercial and light-industrial environments.



- 242** SELECT AN ABOVE-GROUND AUTOMATIC COVER
- 244** STEP 1 > CHOOSE THE COLOUR OF THE COVER SLATS
- 245** STEP 2 > CHOOSE THE STEP PIECE
- 246** STEP 3 > CHOOSE THE SAFETY FASTENERS
- 247** STEP 4 > CHOOSE THE ABOVE-GROUND MECHANICAL ASSEMBLY
- 254** CHOOSE A SUBMERGED AUTOMATIC COVER
- 258** STEP 1 > CHOOSE THE COLOUR OF THE SLAT APRON
- 260** STEP 2 > CHOOSE THE STEP PIECE
- 261** STEP 3 > CHOOSE THE SAFETY FASTENERS
- 262** STEP 4 > CHOOSE THE MECHANICAL ASSEMBLY
- 267** STEP 5 > CHOOSE THE BEAM AND BRACKETS
- 269** STEP 6 > CHOICE OF SEALED IN FITTINGS
- 270** STEP 6 > CHOICE OF POOL FITTINGS
- 271** STEP 7 > CHOOSE THE DUCKBOARDING
- 272** STEP 8 > CHOOSE THE PIT WALL
- 273** STEP 9 > CHOOSE OPTIONAL EXTRAS
- 274** COVER CALCULATIONS & FINISHES
- 275** ACCESSORIES





MODEL	NEW BWT PEARL PROTECT	EVODECK EC	AQUADECK EC	NEW BWT AQUAMATIC
TECHNICAL DATA				
AXLE	Anodised Aluminium Ø 190mm	Anodised Aluminium Ø 150mm	Anodised Aluminium Ø 190/192 mm	Anodised Aluminium Ø 190mm
ENDS OF TRAVEL	Mechanical	Electronic	Electronic	Mechanical
MAXIMUM POOL DIMENSIONS	10 x 5.09 m	14 x 6.09 m	14 x 6.09 m	12 x 5.09 m
SAFETY FASTENERS				
PVC SLAT APRON COLOURS				
END STAND COLOURS				
ELECTROLYSER CONTACT	✓	X	X	X
STANDARDS / GUARANTEES				
STANDARD COMPLIANCE	NF P 90-30S	NF P 90-30S	NF P 90-30S	NF P 90-30S
GUARANTEE	5 years	5 years	5 years	2 years
PAGE	248	250	251	252

ORDER AN ABOVE-GROUND COVER IN 4 STEPS



STEP 1 > CHOOSE THE COLOUR OF THE COVER SLATS



A PVC SLAT THAT IS UNIQUE ON THE MARKET



- Hook fastening system.
- Improved transmission of force for STARDECK INÉO covers.
- Improved resistance to rolling the wrong way.
- The rigid slats feature 3 air chambers, giving them excellent buoyancy.

An exclusive anti-tilt mechanism

- The slats comprising all our cover aprons are fitted with an anti-tilt system with the smallest angle of deflection achieved by any slat cover available on the market. This confers an increased load bearing capacity on the cover and so, better protection against accidental falls into the water.

Angle between two slats: -50° to $+15^{\circ}$

A beautiful finish

- Each cover is designed to harmoniously follow the contours of your pool. A wide choice of slat colours allows you to add an additional touch of refinement to your pool setting.

Plugs

- End plugs ultrasonically welded to each end allowing 1 mm of translation movement.

Presentation on delivery

- Delivered in pre-assembled sets of 6 slats, assembly is 2 to 3 times faster,
- Slat accessories are mounted in the factory.

Slot and slide assembly

- Simplifies assembly of the cover apron,
- The method of assembly, unlike assembly by clipping, protects the hinge.

Assembly by clipping

- Compatible with pools up to 4 m wide,
- Suitable for pools located in areas without much room for manoeuvre.



The surface area of the cover slat apron is calculated based on the exact width and length of the pool without any additions.

PVC SLAT APRONS

Family 6900



White PVC

Beige PVC

Grey PVC

Light blue PVC

Description	White PVC	Beige PVC	Grey PVC	Light blue PVC
Code	32000300	32000500	32000800	32000100

The colour of the slats is similar to the colour of the liners and pool fittings.

ORDER AN ABOVE-GROUND COVER IN 4 STEPS

- 1 Choose the colour of the cover slats
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose an above-ground mechanical assembly

Slat finishes

- The covers can have a straight step, roman step or custom step piece.
- The end of the slat can be finished in two ways: shaped or stepped.



Maximum gap = 250 mm



The standard NF P 90-308 prohibits an uncovered gap of more than 250 mm. If it is observed that in some areas this finish would result in a gap of more than 250 mm between the cover and the pool wall, a smooth finish will be mandatory and automatic in these areas

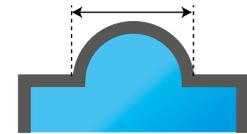


X	Colour
1	Light blue
3	White
5	Beige
8	Grey

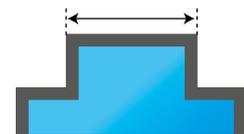
To select the step colour, simply replace the letter X with the number corresponding to the colour

Material	PVC slats	
	Stepped finish	Shaped finish
	Codes	Codes
Straight step < 2.10 m	32100X00	-
Straight step > or = 2.10 m	32101X00	-
Roman step < 3.10 m	32103X00	32153X00
Roman step > or = 3.10 m	32104X00	32154X00
Other shape < 3.10 m	32106X00	32156X00
Other shape > or = 3.10 m	32107X00	32157X00

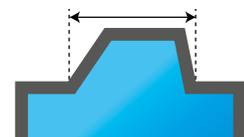
Code	Description
32002600	Slat end finish, welded plug
32001600	Slat end finish, smoothed mastic



Roman steps



Straight steps



Other shape

COUNTERWEIGHT INSTALLATION

On pools that feature an overflow along one length, the slats need to be fitted with the following at regular intervals on the overflow side:

- A counterweight to stop the cover apron from crossing over the overflow wall while it is in motion
- A removable bracket fitted with a safety strap to stop the cover from lifting up once it is rolled out over the pool (French "drowning prevention" standard NF P90-308).

Bracket (included with the lateral fasteners p. 187)



Code	Description
32000350	Fee for mounting an overflow bracket and counterweight, white
32000850	Fee for mounting an overflow bracket and counterweight, grey
32000550	Fee for mounting an overflow bracket and counterweight, beige
32000150	Fee for mounting an overflow bracket and counterweight, light blue

ORDER AN ABOVE-GROUND COVER IN 4 STEPS

- Choose the colour of the cover slats
- Choose the step piece
- Choose the fastening system
- Choose an above-ground mechanical assembly

STEP 3 > CHOOSE THE SAFETY FASTENERS



WALL MOUNTED SAFETY FASTENERS (STANDARD WATER LEVEL)

Family 6900

Light blue	Blue grey	Dark blue	White	Beige	Grey	Anthracite grey	Black	Stainless steel
32800100	32800230	32800200	32800300	32800500	32800800	32800600	32800900	32850600

The fastener colours match the liner colours.

SUB-COPING SAFETY FASTENERS (STANDARD WATER LEVEL)

Family 6900

Light blue	Blue grey	Dark blue	White	Beige	Grey	Anthracite grey	Black	Stainless steel
32802100	32802230	32802200	32802300	32802500	32802800	32802600	32802900	32852600

The fastener colours match the liner colours.

SPECIAL SAFETY FASTENERS

Family 6900



	Code	Description
High water level fasteners		
1	32850000	Wall-mounted stainless steel fastener, high water level pools
	32850700	Sub-coping stainless steel fastener, high water level pools
Fasteners for overflows across a width		
2	32856600	Fastener with collapsible hasp, overflow pools
3	32857600	Fastener with fixed hasp, overflow pools
Fasteners for overflows across a length		
2	32858605	Lateral stainless steel fastener with collapsible hasp,
3	32859605	Lateral stainless steel fastener with fixed hasp

ORDER AN ABOVE-GROUND COVER IN 5 STEPS



Elegant & stylish

DISCOVER THE BWT PEARL PROTECT ABOVE-GROUND POOL COVER



AUTOMATIC
COVERS

An environmentally responsible solution

By keeping your pool clean and reducing the filtration time, BWT Pearl Protect saves on energy and on pool chemicals, this helps lessen your pool's ecological impact on the environment. Lastly, the PVC slats of your BWT Pearl Protect cover can be recycled.

ORDER AN ABOVE-GROUND COVER IN 4 STEPS

- 1 | Choose the colour of the cover slats
- 2 | Choose the step piece
- 3 | Choose the fastening system
- 4 | Choose an above-ground mechanical assembly

STEP 4 > CHOOSE THE ABOVE-GROUND MECHANICAL ASSEMBLY

BWT PEARL PROTECT

Family 6900

Scan to watch the video!

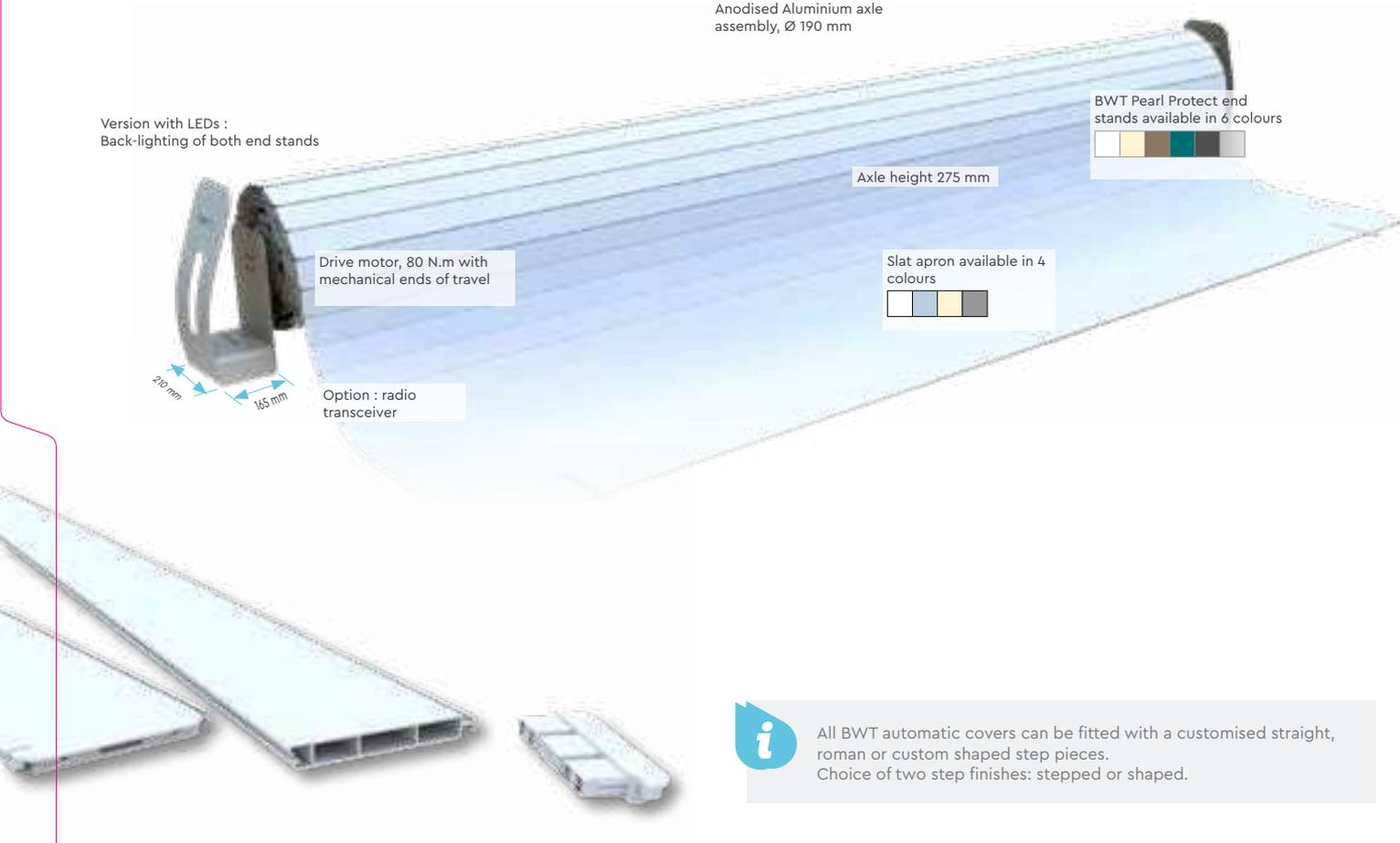


**NEW
IN
2023**

- +** PRODUCT
- Fast installation.
 - Reliable end of travel system.
 - Visual appeal/ Clean design
 - The grain of the Qualicoat paint on lacquered models helps protect against scratchings.
 - Complies with NF P90-308 standard.
 - The top of the axle is level with the small side of the end stand.
 - The top of a 10 m slat cover is level with the tall side of the end stand.

Anodised Aluminium axle assembly, Ø 190 mm

Version with LEDs :
Back-lighting of both end stands



Drive motor, 80 N.m with mechanical ends of travel

Option : radio transceiver

Axle height 275 mm

BWT Pearl Protect end stands available in 6 colours

Slat apron available in 4 colours

i All BWT automatic covers can be fitted with a customised straight, roman or custom shaped step pieces. Choice of two step finishes: stepped or shaped.

Mechanical assembly:

- Anodised Aluminium axle fitted with a drive motor
- 80 N.m motor with mechanical ends of travel
- Electrolyser contact
- Remote installed key switch

- Version without LED lighting
- Version with LED lighting:
 - Backlighting of both end stands
 - Colour LEDs with remote control
- Option: radio transceiver

ORDER AN ABOVE-GROUND COVER IN 5 STEPS



BWT PEARL PROTECT **PRO EXCLUSIVE**

Family 6900



*Unique on
The market!*

Code	Description
Pearl Protect with LEDs	
38262300	Pearl protect mechanical assembly with LEDs < 3.10 m, white
38260500	Pearl protect mechanical assembly with LEDs < 3.10 m, beige
38260400	Pearl protect mechanical assembly with LEDs < 3.10 m, taupe
38260700	Pearl protect mechanical assembly with LEDs < 3.10 m, blue water
38260600	Pearl protect mechanical assembly with LEDs < 3.10 m, anthracite
38260000	Pearl protect mechanical assembly with LEDs < 3.10 m, anodised
38264300	Pearl protect mechanical assembly with LEDs < 4.10 m, white
38261500	Pearl protect mechanical assembly with LEDs < 4.10 m, beige
38261400	Pearl protect mechanical assembly with LEDs < 4.10 m, taupe
38261700	Pearl protect mechanical assembly with LEDs < 4.10 m, blue water
38261600	Pearl protect mechanical assembly with LEDs < 4.10 m, anthracite
38261000	Pearl protect mechanical assembly with LEDs < 4.10 m, anodised
38266300	Pearl protect mechanical assembly with LEDs < 5.10 m, white
38263500	Pearl protect mechanical assembly with LEDs < 5.10 m, beige
38263400	Pearl protect mechanical assembly with LEDs < 5.10 m, taupe
38263700	Pearl protect mechanical assembly with LEDs < 5.10 m, blue water
38263600	Pearl protect mechanical assembly with LEDs < 5.10 m, anthracite
38263000	Pearl protect mechanical assembly with LEDs < 5.10 m, anodised
Pearl Protect without LEDs	
38250300	Pearl protect mechanical assembly without LEDs < 3.10 m, white
38250500	Pearl protect mechanical assembly without LEDs < 3.10 m, beige
38250400	Pearl protect mechanical assembly without LEDs < 3.10 m, taupe
38250700	Pearl protect mechanical assembly without LEDs < 3.10 m, blue water
38250600	Pearl protect mechanical assembly without LEDs < 3.10 m, anthracite
38250000	Pearl protect mechanical assembly without LEDs < 3.10 m, anodised
38251300	Pearl protect mechanical assembly without LEDs < 4.10 m, white
38251500	Pearl protect mechanical assembly without LEDs < 4.10 m, beige
38251400	Pearl protect mechanical assembly without LEDs < 4.10 m, taupe
38251700	Pearl protect mechanical assembly without LEDs < 4.10 m, blue water
38251600	Pearl protect mechanical assembly without LEDs < 4.10 m, anthracite
38251000	Pearl protect mechanical assembly without LEDs < 4.10 m, anodised
38252300	Pearl protect mechanical assembly without LEDs < 5.10 m, white
38253500	Pearl protect mechanical assembly without LEDs < 5.10 m, beige
38253400	Pearl protect mechanical assembly without LED < 5.10 m, taupe
38253700	Pearl protect mechanical assembly without LEDs < 5.10 m, blue water
38253600	Pearl protect mechanical assembly without LEDs < 5.10 m, anthracite
38253000	Pearl protect mechanical assembly without LEDs < 5.10 m, anodised



Version with LEDs:
Backlighting of both end stands.
Colour LEDs with remote control.



Version without LEDs.

ORDER AN ABOVE-GROUND COVER IN 4 STEPS

- 1 Choose the colour of the cover slats
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose an above-ground mechanical assembly

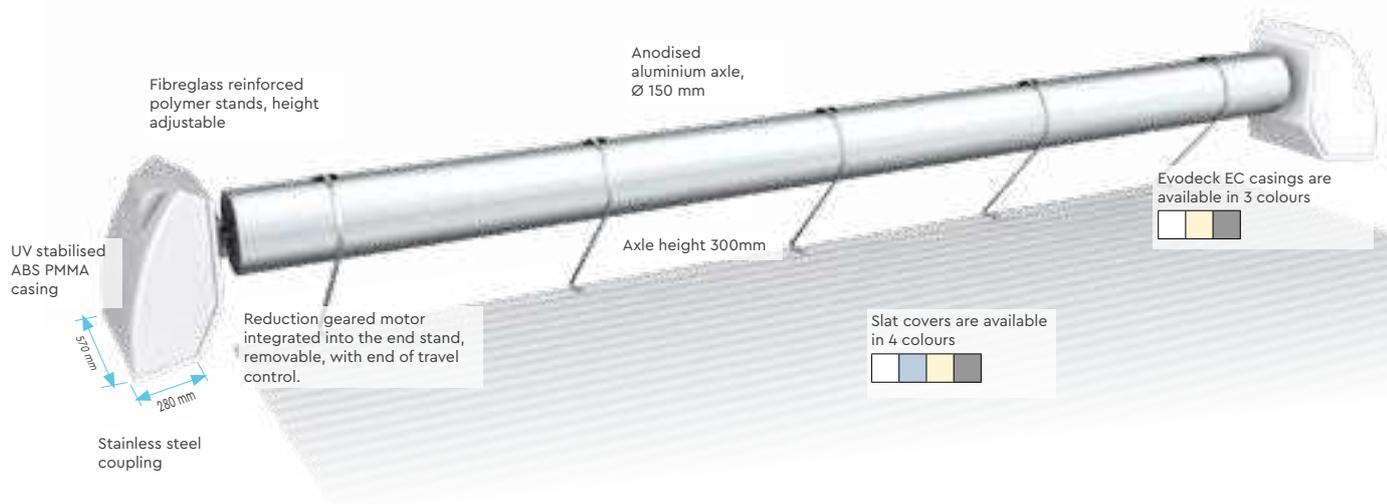
STEP 4 > CHOOSE THE ABOVE-GROUND MECHANICAL ASSEMBLY

EVODECK® EC

Family 6900



- +** **LOAD PROOF**
- One single electrical connection.
 - Fast installation.
 - No motor in the axle.
 - The motor can be removed and the cover wound up using a wireless drill (not provided).
 - Complies with the French standard in effect, NF P 90-308.



Mechanical assembly

- Complete axle, made of anodised aluminium.
- Stainless steel couplings.
- 1 reduction geared motor integrated into the end stand, removable, with end of travel control,
- 2 fibreglass reinforced polymer stands, height adjustable.
- 1 control panel (key switch integrated into one of the stands).

Evodeck EC	White	Grey
	Code	Code
With ends of travel		
Evodeck EC mechanical assembly, width less than 3.10 m	38220301	38220801
Evodeck EC mechanical assembly, width less than 4.10 m	38221301	38221801
Evodeck EC mechanical assembly, width less than 5.10 m	38223301	38223801
Evodeck EC mechanical assembly, width less than 6.10 m	38225301	38225801

ORDER AN ABOVE-GROUND COVER IN 5 STEPS

- 1 Choose the colour of the cover slats
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose an above-ground mechanical assembly

STEP 4 > CHOOSE THE ABOVE-GROUND MECHANICAL ASSEMBLY

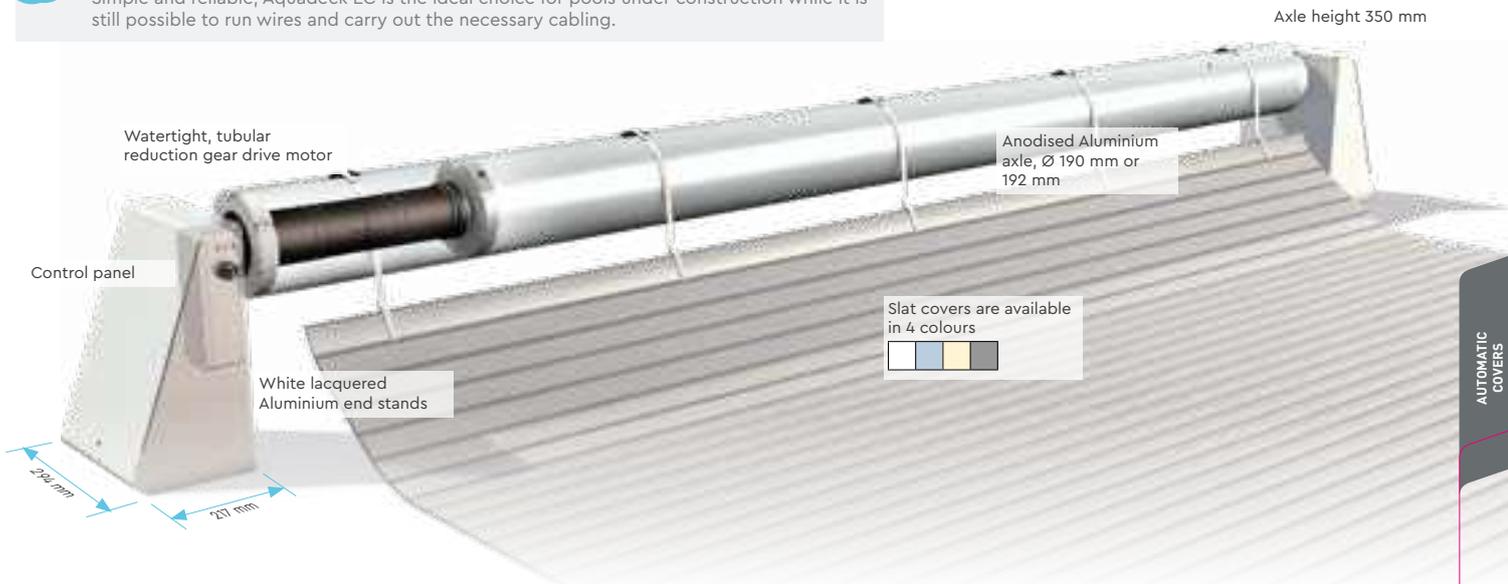
AQUADECK® EC

Family 6900



- Runs off a 230V-50 Hz mains.
- Rapid installation.
- Time taken to roll up a cover on a 10 × 5 m pool, less than 2 minutes.
- Delivered with a control panel.
- Complies with French safety standards in effect (NF P 90-308).
- Very attractive prices.
- Delivered with a control and protection electrical panel: automatic ends of travel.

i Aquadeck EC is a motorised automatic cover that runs off the mains. The electrical panel is installed in the plant room. Simple and reliable, Aquadeck EC is the ideal choice for pools under construction while it is still possible to run wires and carry out the necessary cabling.



Mechanical assembly:

- 2 White lacquered end support plates.
- 1 Aluminium axle, Ø 190 mm or 192 mm, depending on the pool width.
- Stainless steel drive shafts.
- 1 Waterproof tubular geared motor.
- 1 Control panel with transformer, 12V.
- 1 Key switch



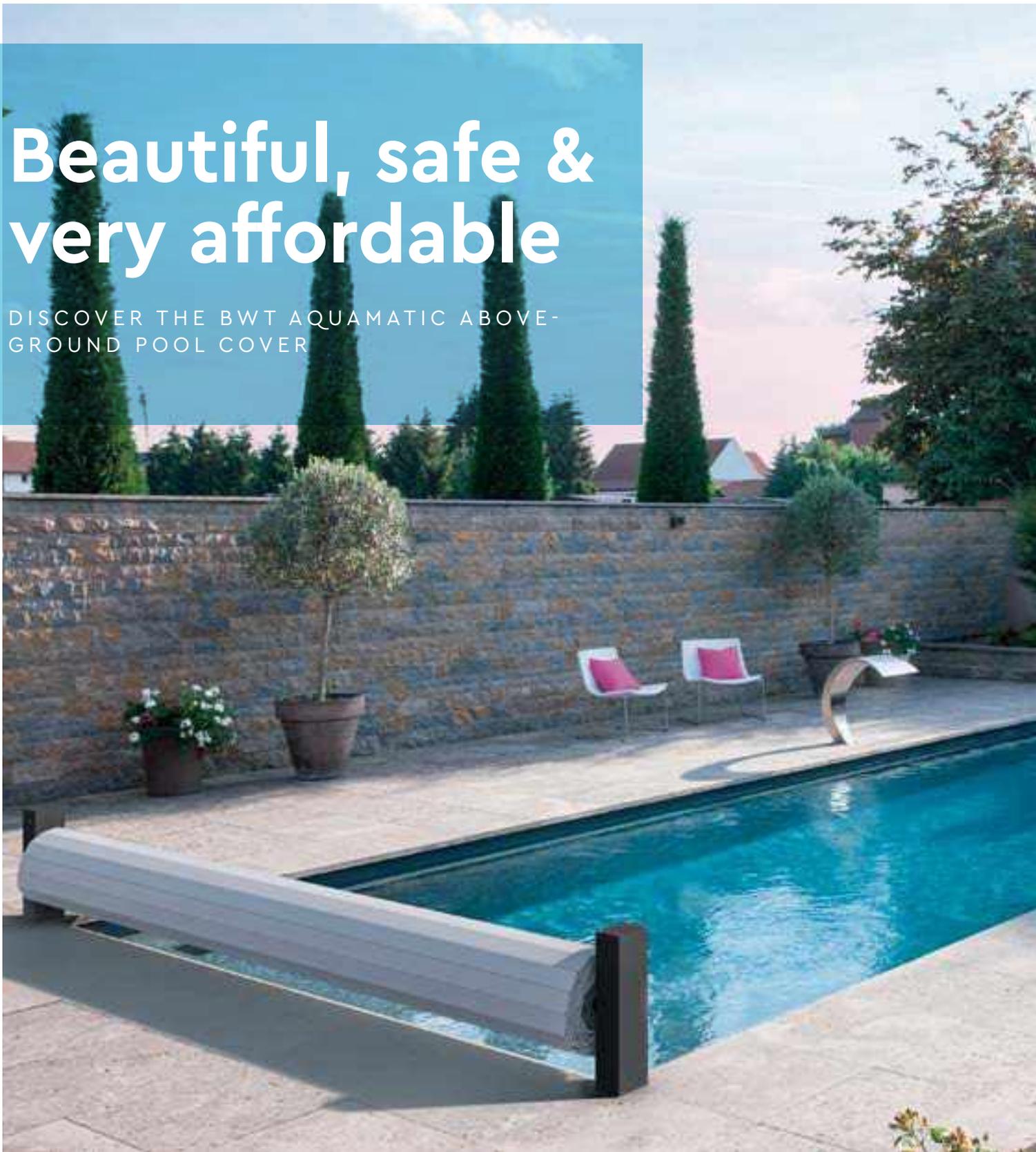
Code	Description
34202000	Aquadeck EC mechanical assembly, for pools less than 3.10 m wide
34202100	Aquadeck EC mechanical assembly, for pools less than 4.10 m wide
34202300	Aquadeck EC mechanical assembly, for pools less than 5.10 m wide
34202500	Aquadeck EC mechanical assembly, for pools less than 6.10 m wide

ORDER AN ABOVE-GROUND COVER IN 4 STEPS

- 1 Choose the colour of the cover slats
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose an above-ground mechanical assembly

Beautiful, safe & very affordable

DISCOVER THE BWT AQUAMATIC ABOVE-GROUND POOL COVER



ORDER AN ABOVE-GROUND COVER IN 4 STEPS

- 1 Choose the colour of the cover slats
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose an above-ground mechanical assembly

BWT AQUAMATIC

Family 6900



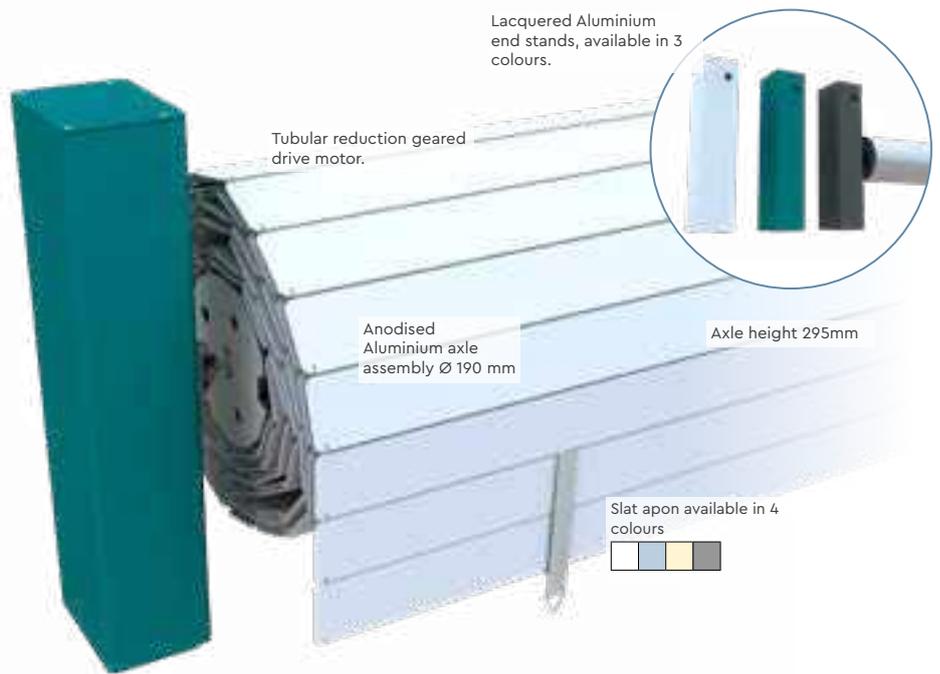
+ PRODUCT

- Affordable model
- Small end stand footprint (160mmx120mm)
- Mechanical ends of travel
- Complies with French regulations in effect NF P 90-308.

- Anodised Aluminium axle fitted with an integrated drive motor.
- 80 N.m motor with mechanical ends of travel.
- Key switch on the end stand.

ADVANTAGES

- Fast installation
- Reliability of the end of travel systems
- Unobtrusive design
- The grain of the Qualicoat paints helps protect against scratching
- Small end stands (160 × 120 mm)
- Ideal for wooden pools
- NF P90-308 standard compliant



Code	Description
Mechanical assembly	
38280000	Aquamatic mechanical assembly < 3.10 m, white
38280600	Aquamatic mechanical assembly < 3.10 m, anthracite grey
38280700	Aquamatic mechanical assembly < 3.10 m, water blue
38281000	Aquamatic mechanical assembly < 4.10 m, white
38281600	Aquamatic mechanical assembly < 4.10 m, anthracite grey
38281700	Aquamatic mechanical assembly < 4.10 m, water blue
38283000	Aquamatic mechanical assembly < 5.10 m, white
38283600	Aquamatic mechanical assembly < 5.10 m, anthracite grey
38283700	Aquamatic mechanical assembly < 5.10 m, water blue
Accessories	
34800380	Fastening system for wooden pools

ORDER AN ABOVE-GROUND COVER IN 4 STEPS

1 Choose the colour of the cover slats

2 Choose the step piece

3 Choose the fastening system

4 Choose an above-ground mechanical assembly

SUBMERGED AUTOMATIC COVER

Renovation projects



CHOOSE A SUBMERGED AUTOMATIC COVER



MODEL	BWT COVERDECK	BWT COVERDECK AX-IN & COVERDECK AX-IN HIGH WATER LEVEL
TECHNICAL DATA		
AXLE	Anodised Aluminium Ø 190/192 mm	Anodised Aluminium Ø 190/192 mm
ENDS OF TRAVEL	Electronic	Electronic
MAXIMUM DIMENSIONS	Max length :14 m - Max width: 6.09 m	Max length :14 m - Max width: 6.09 m
DECLUTCHABLE	✓	✓
PIT WALL		
SAFETY FASTENER		
PVC SLAT APRON COLOURS		
POLYCARBONATE SLAT APRON COLOURS		
PVC WOOD DUCKBOARDING		
LACQUERED ALUMINIUM BEAM		
STANDARDS/ GUARANTEES		
STANDARD COMPLIANCE	NF P 90-30S	NF P 90-30S
GUARANTEE	5 years	5 years
PAGE	262	263

SUBMERGED AUTOMATIC COVERS

Construction projects



CHOOSE A SUBMERGED AUTOMATIC COVER



MODEL	BWT STARDECK & STARDECK HIGH WATER LEVEL	BWT STARDECK AX-IN & STARDECK AX-IN HIGH WATER LEVEL	BWT STARDECK INEO AX-IN
TECHNICAL DATA			
AXLE	Anodised Aluminium Ø 150/180/250 mm	Anodised Aluminium Ø 190/192 mm	Anodised Aluminium Ø 190/192 mm
ENDS OF TRAVEL	Electronic	Electronic	Electronic
MAXIMUM DIMENSIONS	max length, standard water level: 23 m max length, high water level: 16 m Max width: 8.09 m	max length, standard water level: 20 m max length, high water level: 15 m Max width: 6.09 m	Max length: 16 m Max width: 6.09 m
DECLUTCHABLE	✓	NEW Available as an option	NEW Available as an option
WALL MOUNTED OR SEALED IN	✓	✓ NEW	✓ NEW
PIT WALL			
SAFETY FASTENER			
PVC SLAT APRON COLOURS			
POLYCARBONATE SLAT APRON COLOURS			
DUCKBOARDING PVC WOOD WELDED TILED			
LACQUERED ALUMINIUM BEAM			
STANDARDS/ GUARANTEES			
STANDARD COMPLIANCE	NF P 90-308	NF P 90-308	NF P 90-308
GUARANTEE	5 years	5 years	5 years
PAGE	264	265	266

STEP 1 > CHOOSE THE COLOUR OF THE SLAT APRON



A SLAT THAT IS UNIQUE ON THE MARKET



- Hook fastening system.
- Improved transmission of force,
- Improved resistance to rolling the wrong way.
- The rigid slats feature 3 air chambers, giving them excellent buoyancy.

An exclusive anti-tilt mechanism

- The slats comprising all our cover aprons are fitted with an anti-tilt system with the smallest angle of deflection achieved by any slat cover available on the market. This confers an increased load bearing capacity on the cover and so, better protection against accidental falls into the water.

Angle between two slats: -50° to $+15^{\circ}$

A beautiful finish

- Each cover is designed to harmoniously follow the contours of your pool. A wide choice of slat colours allows you to add an additional touch of refinement to your pool setting.

Plugs

- End plugs ultrasonically welded to each end allowing 1 mm of translation movement.

Presentation on delivery

- Delivered in pre-assembled sets of 6 slats, assembly is 2 to 3 times faster,
- Slat accessories are mounted in the factory.

Slot and slide assembly

- Simplifies assembly of the cover apron,
- The method of assembly, unlike assembly by clipping, protects the hinge.

Assembly by clipping

- Compatible with pools up to 4 m wide,
- Suitable for pools located in areas without much room for manoeuvre.



The shaping of corners with a radius or cut-aways less than or equal to 150 mm is included, at no additional cost. The surface area of the cover apron is calculated based on the exact width and length* of the pool, with no additions.

* in the case of the Inéo cover, the exact length of the slat apron is calculated by adding the length of the pool to the depth of the axle minus 0.69 m. For example: For a 10×5 m pool with the axle installed at a depth of 1 m, the length of the slat apron is calculated as $10 + (1 - 0.69)$, that is, 10.31 m. The number that should be used when preparing estimates is 52 m².

ORDER A SUBMERGED COVER IN 9 STEPS

- 1 Choose the colour of the slat apron
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose the mechanical assembly
- 5 Choose the beam and the brackets

PVC SLAT COVER APRONS 



Family 6900

Description	White PVC	Beige PVC	Grey PVC	Dark grey PVC	Light blue PVC
Code	32000300	32000500	32000800	NEW 32000600	32000100



- White PVC
- Beige PVC
- Grey PVC
- NEW**
Dark grey PVC
- Light blue PVC

The colours of the slats are similar to the colours of the liners and pool fittings

POLYCARBONATE SLAT COVER APRONS



Family 6900

- Polycarbonate slats are only allowed for submerged cover with a stepped finish

Description	NEW Silver + black	NEW Translucent + black
Code	33040000	33040100



- NEW**
Silver and black
- NEW**
Translucent and black



Bracket (included with the lateral fasteners p261)



Counterweight (included in the cost of installation).

On pools that feature an overflow along one length, the slats need to be fitted with the following at regular intervals on the overflow side:

- A counterweight to stop the cover apron from crossing over the overflow wall while it is in motion
- A removable bracket fitted with a safety strap to stop the cover from lifting up once it is rolled out over the pool (French "drowning prevention" standard NF P90-308).

STEP 2 > CHOOSE THE STEP PIECE

STEP PIECES

Family 6900



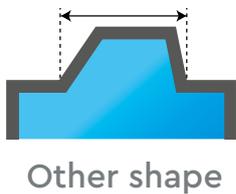
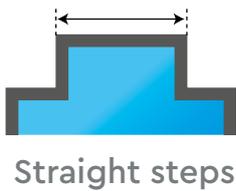
The standard NF P 90-308 prohibits an uncovered gap of more than 250 mm. If it is observed that in some areas this finish would result in a gap of more than 250 mm between the cover and the pool wall, a smooth finish will be mandatory and automatic in these areas.

Slat finishes

- Covers can have a straight step, roman step or custom step piece.
- The end of the slat can be finished in two ways: shaped or stepped.



maximum gap = 250 mm



X	Colour
1	Light blue
3	White
5	Beige
6	Dark grey
8	Grey

To select the step colour, simply replace the letter X with the number corresponding to the colour

Material	PVC slats	
	Stepped finish Codes	Shaped finish Codes
Roman step < 3.10 m	32103X00	32153X00
Roman step > or = 3.10 m	32104X00	32154X00
Straight step < 2.10 m	32100X00	-
Straight step > or = 2.10 m	32101X00	-
Other shape < 3.10 m	32106X00	32156X00
Other shape > or = 3.10 m	32107X00	32157X00

Material	Polycarbonate slats Silver and black	Polycarbonate Translucent and black
	Stepped finish only Codes	Shaped finish only Codes
Roman step < 3.10 m	33103000	33103100
Roman step > or = 3.10 m	33104000	33104100
Straight step < 2.10 m	33100000	33100100
Straight step > or = 2.10 m	33101000	33101100
Other shape < 3.10 m	33106000	33106100
Other shape > or = 3.10 m	33107000	33107100



Code	Description
32002600	PVC slat end finished with a welded plug
32001600	PVC slat end finished with smoothed mastic
1 32041020	Polycarbonate slat end finished with a solvent plug

ORDER A SUBMERGED COVER IN 9 STEPS

- 1 Choose the colour of the slat apron
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose the mechanical assembly
- 5 Choose the beam and the brackets

STEP 3 > CHOOSE THE SAFETY FASTENERS



Wall mounted safety fasteners



Sub coping safety fasteners

WALL MOUNTED SAFETY FASTENERS (STANDARD WATER LEVEL)

Family 6900

Light blue	Blue grey	Dark blue	White	Beige	Grey	Anthracite grey	Black	Stainless steel
32800100	32800230	32800200	32800300	32800500	32800800	32800600	32800900	32850600

The fastener colours match the liner colours.

SUB COPING SAFETY FASTENERS (STANDARD WATER LEVEL)

Family 6900

Light blue	Blue grey	Dark blue	White	Beige	Grey	Anthracite grey	Black	Stainless steel
32802100	32802230	32802200	32802300	32802500	32802800	32802600	32802900	32852600

The fastener colours match the liner colours.

SPECIAL SAFETY FASTENERS

Family 6900

	Code	Description
		High water level fasteners
1	32850000	Wall-mounted stainless steel fastener, high water level
	32850700	Sub-coping stainless steel fastener, high water level
		Fasteners for overflows across a width
2	32856600	Fastener with collapsible hasp, overflow pools
3	32857600	Fastener with fixed hasp, overflow pools
		Fasteners for overflows across a length
2	32858605	Lateral stainless steel fastener with collapsible hasp
3	32859605	Lateral stainless steel fastener with fixed hasp



6 Choose the pool fittings

7 Choose the duckboarding

8 Choose the pit wall

9 Add options

STEP 4 > CHOOSE THE MECHANICAL ASSEMBLY

BWT COVERDECK

Family 6900



- Designed for retrofitting to existing pools.
- Motor above the water level.
- No dry motor pit required.
- Flanges mounted without piercing the pool waterproofing.
- Patented system.
- Visually appealing.
- Complies with French safety standards in effect (NF P 90-308).
- End of travel control panel.

i Coverdeck is an innovative automated cover that does not require a dry pit for the motor. The patented motor-drive system comprises a low power motor independent of the axle, a housed transmission and a planetary gear integrated into the axle. Coverdeck's mounting system is installed under the coping without any impact on pool water proofing. The motor is easily accessible without any dismantling.

PVC slat cover aprons available in 5 colours



PC slat covers available in 2 colours



Duckboarding: 3 PVC colours, 2 types of wood



Coverdeck beams available in 3 colours



Axle mounting flange and sealing plate

Transmission
Drive belt and planetary gears

Aluminium axle
Ø 190 mm or 192 mm

Stainless steel shaft

Counterweight

Pit wall available in 3 colours



Mechanical assembly:

- 2 brackets to be sealed in.
- 2 Axle bearing end plates.
- 1 Aluminium axle and planetary reduction gears,
- 1 Drive motor,
- 1 Stainless steel drive shaft,
- 1 Control panel featuring electronic end of travel controls.
- 3 or 4 counterweights depending on the pool width.

Code	Description
33200000	BWT coverdeck mechanical assembly, Ø190, for pools less than 3.10 m wide
33200100	BWT coverdeck mechanical assembly, Ø190, for pools less than 4.10 m wide
33200300	BWT coverdeck mechanical assembly, Ø190, for pools less than 5.10 m wide
33200500	BWT coverdeck mechanical assembly, Ø190, for pools less than 6.10 m wide

ORDER A SUBMERGED COVER IN 9 STEPS

- 1 Choose the colour of the slat apron
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose the mechanical assembly
- 5 Choose the beam and the brackets

STEP 4 > CHOOSE THE MECHANICAL ASSEMBLY

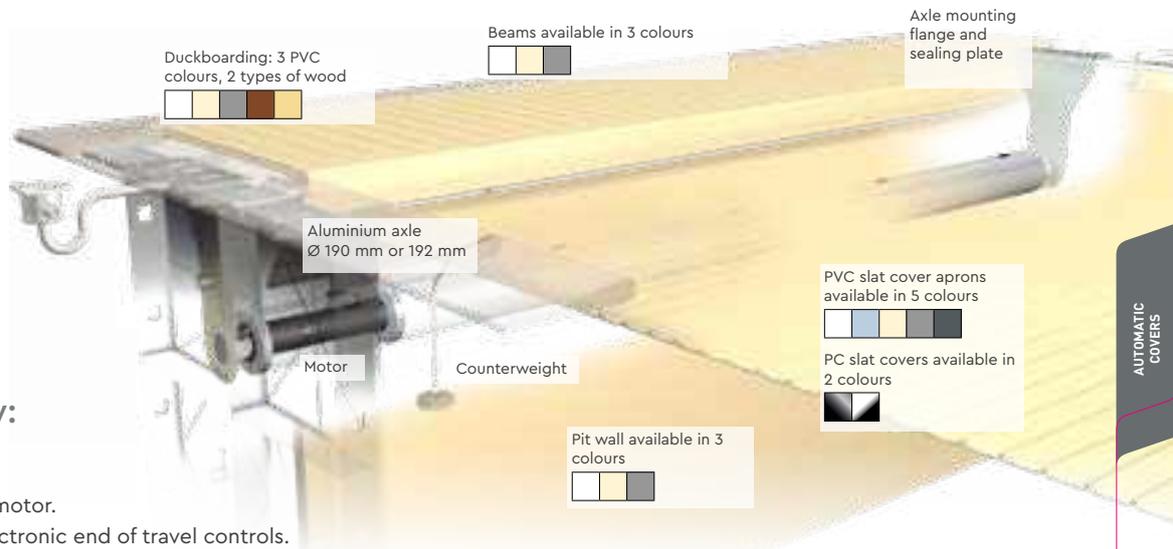
BWT COVERDECK AX-IN

Family 6900



- Designed for retrofitting to existing pools.
- Motor located in the axle.
- No dry motor pit required.
- Flanges mounted without piercing the pool waterproofing.
- Flange mounting with 20 mm coping is possible, use 2 pairs of M20 sealing plates (article 33821000, see p203).
- May be wall mounted (fittings not provided).
- Visually appealing.
- End of travel electrical panel..

i Coverdeck AX-IN is an innovative automated cover that does not require a dry pit for the motor. Coverdeck AX-IN is mounted under the coping, without piercing the pool waterproofing. The drive motor, located in the cover axle, can be detached thanks to a pin system. This allows the pool to be secured in the event of a power outage.



Mechanical assembly:

- 2 brackets to be sealed in.
- 2 Axle bearing flanges.
- 1 Aluminium axle with a drive motor.
- 1 Electrical panel featuring electronic end of travel controls.
- 3 or 4 counterweights depending on the pool width.
- In the case of 20mm copings, the Coverdeck AX-In flanges require a specific sealing plate.

Code	Description
Mechanical assembly	
32203000	BWT Coverdeck AX-IN-120, mechanical assembly, Ø190, for pools less than 3.10 wide
32203100	BWT Coverdeck AX-IN-120, mechanical assembly, Ø190, for pools less than 4.10 wide
32203300	BWT Coverdeck AX-IN-120, mechanical assembly, Ø190, for pools less than 5.10 wide
32203500	BWT Coverdeck AX-IN-120, mechanical assembly, Ø192, for pools less than 6.10 wide
32205500	BWT Coverdeck AX-IN-300, mechanical assembly, Ø192, for pools less than 6.10 wide
Accessories	
45000012	Coverdeck AX-IN deck box, white
45000812	Coverdeck AX-IN deck box, grey
45000512	Coverdeck AX-IN deck box, beige
33821000	Coverdeck AX-IN flange sealing plate, M20, set of 2

- 6** Choose the pool fittings
- 7** Choose the duckboarding
- 8** Choose the pit wall
- 9** Add options

STEP 4 > CHOOSE THE MECHANICAL ASSEMBLY

BWT STARDECK **PRO EXCLUSIVE**

Family 6900



- Designed to be fitted to pools under construction.
- Motor installed in a dry pit.
- Stardeck is compatible with the patented Cleandeck system (patented motor attachment system, cleaning system and beam).
- Complies with French safety standards in effect (NF P 90-308).
- End of travel electrical panel.
- Motor with Hall effect sensor.

i Aesthetic and excellent value for money, Stardeck has established itself as the Reference in terms of automatic covers. Its reliability is tried and tested.

Stardeck Classic

Duckboarding: 2 PVC colours, 2 types of wood

Beams available in 3 colours

PVC slat cover aprons available in 5 colours

PC slat covers available in 2 colours

Anodised aluminium axle Ø 150 mm, 180 mm or 250 mm

Counterweight

Pit wall available in 3 colours

Aquamat 3001 or PL3 reduction geared motor and electrical panel

Throughwall flange

Stardeck High water level



Mechanical assembly:

- Anodised Aluminium axle, Ø 150 mm, 180 mm or 250 mm, depending on the pool width,
- Couplings in stainless steel,
- 1 Reduction geared motor, Aquamat 3001 or PL3 depending on the pool width, with connectors,
- 1 Control panel featuring electronic end-of-travel controls,
- 3 or 4 counterweights depending on the pool width.

Code	Description
Mechanical assembly	
32200000	BWT Stardeck mechanical assembly, Ø 150 for pools less than 3.10 m wide with Aquamat motor
32200100	BWT Stardeck mechanical assembly, Ø 150 for pools less than 4.10 m wide with Aquamat motor
32200300	BWT Stardeck mechanical assembly, Ø 150 for pools less than 5.10 m wide with Aquamat motor
32200500	BWT Stardeck mechanical assembly, Ø 150 for pools less than 6.10 m wide with Aquamat motor
32200510	BWT Stardeck mechanical assembly, Ø 180 for pools less than 6.10 m wide with Aquamat motor
32200600	BWT Stardeck mechanical assembly, Ø 180 for pools less than 7.10 m wide with Aquamat motor
32200700	BWT Stardeck mechanical assembly, Ø 180 for pools less than 8.10 m wide with Aquamat motor
32202600	BWT Stardeck mechanical assembly, Ø 180 for pools less than 7.10 m wide with PL3 motor
32202700	BWT Stardeck mechanical assembly, Ø 180 for pools less than 8.10 m wide with PL3 motor
32201500	BWT Stardeck mechanical assembly, Ø 250 for pools less than 6.10 m wide with PL3 motor
32201600	BWT Stardeck mechanical assembly, Ø 250 for pools less than 7.10 m wide with PL3 motor
32201700	BWT Stardeck mechanical assembly, Ø 250 for pools less than 8.10 m wide with PL3 motor
Accessories	
32513300	Stainless steel flange and bearing for Ø 180 axle/ Aquamat motor with polycarbonate slats

ORDER A SUBMERGED COVER IN 9 STEPS

- 1 Choose the colour of the slat apron
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose the mechanical assembly
- 5 Choose the beam and the brackets



+

PRODUCT

- Designed to be fitted to pools under construction,
- Leaktight motor, located in the cover axle,
- No dry pit,
- Wired in via a deck box installed flush with the deck just behind the coping,
- Stardeck AX-IN covers equipped with PVC slat apron comply with the French safety standards in effect (NF P90-308),
- Throughwall flange compatible with concrete walls of all widths.
- End of travel electrical panel.

NEW

- Available in non-declutchable version and declutchable version that allows the pool to be secured in the event of a power outage or motor failure.

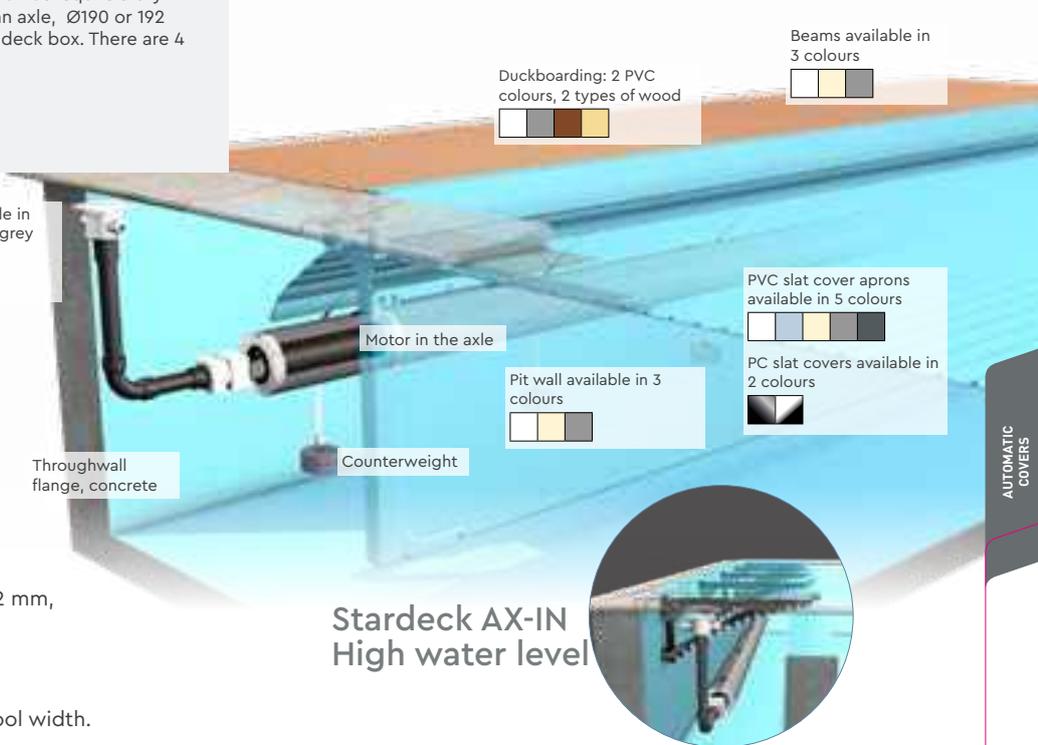
NEW

- Comes in sealed in fitting and wall mounted fitting versions

i Innovative Stardeck AX-IN automatic covers do not require a dry pit for the motor. The cover is comprised of an axle, Ø190 or 192 mm, fitted with a C120 or C300 motor, and a deck box. There are 4 mounting configurations:

- Sealed in fittings without declutching
- Sealed in fittings with declutching
- Wall mounted fittings without declutching
- Wall mounted fittings with declutching

Deck box, available in white, beige and grey



Mechanical assembly:

- 1 anodised Aluminium axle, Ø 190 mm or 192 mm,
- 1 leaktight motor located in the cover axle,
- 1 ABS deck box,
- 1 control panel,
- 3 or 4 counterweights depending on the pool width.

Code	Description
Mechanical assembly	
32204000	Mechanical assembly BWT Stardeck AX-IN C120, Ø 190, for pools less than 3.10 wide
32204100	Mechanical assembly BWT Stardeck AX-IN C120, Ø 190, for pools less than 4.10 wide
32204300	Mechanical assembly BWT Stardeck AX-IN C120, Ø 190, for pools less than 5.10 wide
32204500	Mechanical assembly BWT Stardeck AX-IN C120, Ø 192, for pools less than 6.10 wide
32206100	Mechanical assembly BWT Stardeck AX-IN C300, Ø190, for pools less than 4.10 wide
32206300	Mechanical assembly BWT Stardeck AX-IN C300, Ø190, for pools less than 5.10 wide
32206500	Mechanical assembly BWT Stardeck AX-IN C300, Ø192, for pools less than 6.10 wide
Accessories	
45000015	Deck box Stardeck AX-IN, white
45000815	Deck box Stardeck AX-IN, grey
45000515	Deck box Stardeck AX-IN, beige

6 Choose the pool fittings

7 Choose the duckboarding

8 Choose the pit wall

9 Add options

STEP 4 > CHOOSE THE MECHANICAL ASSEMBLY

BWT STARDECK INÉO AX-IN

Family 6900



- Purpose designed for pools under construction,
- Complies with the French safety standards in effect (NF P 90-308).
- Motor integrated into the axle, no dry pit,
- Submerged housing, the whole pool surface area is usable
- End of travel electrical panel.
- Available in non-declutchable version and declutchable version that allows the pool to be secured in the event of a power outage or motor failure.
- Comes in sealed fitting and wall mounted fitting versions

i Stardeck Inéo Ax-In is designed for pools with sharp corners finished with 1.50 mm reinforced membranes, tiles or concrete. A main drain and a return fitting must be installed in the cover pit.



Deck box, available in white, beige and grey

Duckboarding: PVC 3 colours, 1 ready to weld, 1 ready to tile

Stardeck Inéo beam available in white

PVC slat cover aprons available in 5 colours

PC slat covers available in 2 colours

Anodised Aluminium axle, Ø 190 or 192 mm

Motor in the axle

Counterweight

Pit wall available in 4 colours

Mechanical assemblies:

- 1 anodised Aluminium axle, Ø 190 mm or 192 mm depending on the width and depth of the pool,
- 1 leaktight motor located in the cover axle,
- 1 ABS deck box,
- 1 control panel
- 3 or 4 counterweights depending on the pool width.



An information sheet must be filled out for every INEO AX-IN automatic cover ordered to check the cover's feasibility. This document is available for download from procopi.com or from your BWT Pool Products agent.

Code	Description
Mechanical assembly	
32204000	BWT Stardeck Inéo Ax-In-120, mechanical assembly, Ø 190 mm, less than 3.10 m
32204100	BWT Stardeck Inéo Ax-In-120, mechanical assembly, Ø 190 mm, less than 4.10 m
32204300	BWT Stardeck Inéo Ax-In-120, mechanical assembly, Ø 190 mm, less than 5.10 m
32204500	BWT Stardeck Inéo Ax-In-120, mechanical assembly, Ø 192 mm, less than 6.10 m
32206100	BWT Stardeck Inéo Ax-In-300, mechanical assembly, Ø 190 mm, less than 4.10 m
32206300	BWT Stardeck Inéo Ax-In-300, mechanical assembly, Ø 190 mm, less than 5.10 m
32206500	BWT Stardeck Inéo Ax-In-300, mechanical assembly, Ø 192 mm, less than 6.10 m
Accessories	
45000015	Stardeck AX-IN deck box, white
45000815	Stardeck AX-IN deck box, grey
45000515	Stardeck AX-IN deck box, beige

ORDER A SUBMERGED COVER IN 9 STEPS

- 1 Choose the colour of the slat apron
- 2 Choose the step piece
- 3 Choose the fastening system
- 4 Choose the mechanical assembly
- 5 Choose the beam and the brackets

BEAMS FOR COVERS MOUNTED ON A UNIT SEALED INTO THE WALL

Family 6900

100 mm beams: The letter Y in the codes below can take the following values:

Y = 3, corresponds to an M20 beam end-piece, for coping nose up to 29 mm thick,

Y = 5, corresponds to an M30 beam end-piece, for coping nose up to 30 to 39 mm thick,

Y = 7, corresponds to an M40 beam end-piece, for coping nose over 40 mm thick.

133 or 153 mm beams: The letter X in the codes below take the following values:

x = 2 corresponds to an M30 beam end-piece, for coping nose 30 to 39 mm high,

x = 4 corresponds to an M40 beam end-piece, for coping nose 40 to 54 mm high,

x = 6 corresponds to an M55 beam end-piece, for coping nose higher than 55 mm.

Lacquered Aluminium Stardeck and Stardeck Ax-In cover beams fitted on pool up to 4.09 m are 100 or 133 mm high. At a width between 4.10 and 6.09 m, beams are 133 mm high. As of a width of 6.10 m, the beams are 153 mm high. Beams are delivered with end-pieces that allow the beam height to be adjusted to be in line with the coping (thickness 20, 30, 40 or 55 mm).



Beam height	Pool width	White	Beige	Grey
		Code	Code	Code
100	< 3.10 m	323Y0300	323Y0500	323Y0800
100	< 4.10 m	323Y1300	323Y1500	323Y1800
133	< 3.10 m	323X0300	323X0500	323X0800
133	< 4.10 m	323X1300	323X1500	323X1800
133	< 5.10 m	323X3300	323X3500	323X3800
133	< 6.10 m	323X5300	323X5500	323X5800
153	< 7.10 m	323X6300	323X6500	323X6800
153	< 8.10 m	323X7300	323X7500	323X7800

6

Choose the pool fittings

7

Choose the duckboarding

8

Choose the pit wall

9

Add options

STEP 5 > CHOOSE THE BEAM AND BRACKETS

BEAM SUPPORT BRACKETS

Family 6900



This system, developed by BWT Pool Products, not only provides lateral support, it also significantly limits the deformation of wide beams (wider than 6.10 m). The bracket features rollers under the oblique axis that facilitate the rolling up and out of the cover without damaging the slats. **Use of this type of bracket is now mandatory with every beam wider than 6.10m, refer to the table below.**



CAUTION: Brackets are not compatible with salt water electrolysis.

Code	Description
32327301	Stardeck beam support bracket

Beam length	Number of brackets recommended	
	Private use	Commercial use
< 6.09 m	0	0
6.10 m to 8.09 m	1	2

HIGH WATER LEVEL BRACKETS

Family 6900



These black, anodised aluminium brackets were specially designed for pools in which the water level is 50 mm from the top of the wall, they are positioned at 1 metre intervals along the pool width. They may be used instead of the beam, and can bear the weight of the duckboarding and a person weighing up to 80 Kg. In the case of 20mm copings, an M20 sealing plate, not included with high water level sealing units, will need to be acquired.



CAUTION: Brackets are not compatible with salt water electrolysis.

Features:

- 12, 14 or 16 rollers depending on the horizontal depth of the bracket and the duckboarding (680, 830 or 950 mm),
- duckboarding stop plate,
- a sub-coping stainless steel attachment plate and screw that allows for height adjustment.

	for duckboarding, 680 mm	for duckboarding, 830 mm	for duckboarding, 950 mm
	Code	Code	Code
Bracket, high water level, per unit	32820800	32824800	32826800
Sample prices	No. of brackets	No. of brackets	No. of brackets
For pools 4 m wide	5	5	5
For pools 5 m wide	6	6	6
For pools 6 m wide	7	7	7
For pools 7 m wide	8	8	8

The number of brackets indicated in the table above is valid when the skimmer is centered with respect to a 1 m duckboarding module.

ALUMINIUM FINISHING STRIP < 6 M

Family 6900



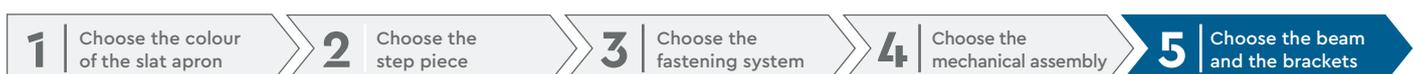
With the high water level brackets, there is no need for a beam to support the duckboarding. To ensure a perfect finish, we therefore created a finishing strip to be positioned between the duckboarding and the high water level bracket. This trim is also compatible with the Cleandeck cleaning system.



Maximum length of the finishing strip is 6 m.

Code	Description	
32825300	Finishing trim, white	
32825500	Finishing trim, beige	
32825800	Finishing trim, grey	
32825000	Finishing trim, wood	

ORDER A SUBMERGED COVER IN 9 STEPS





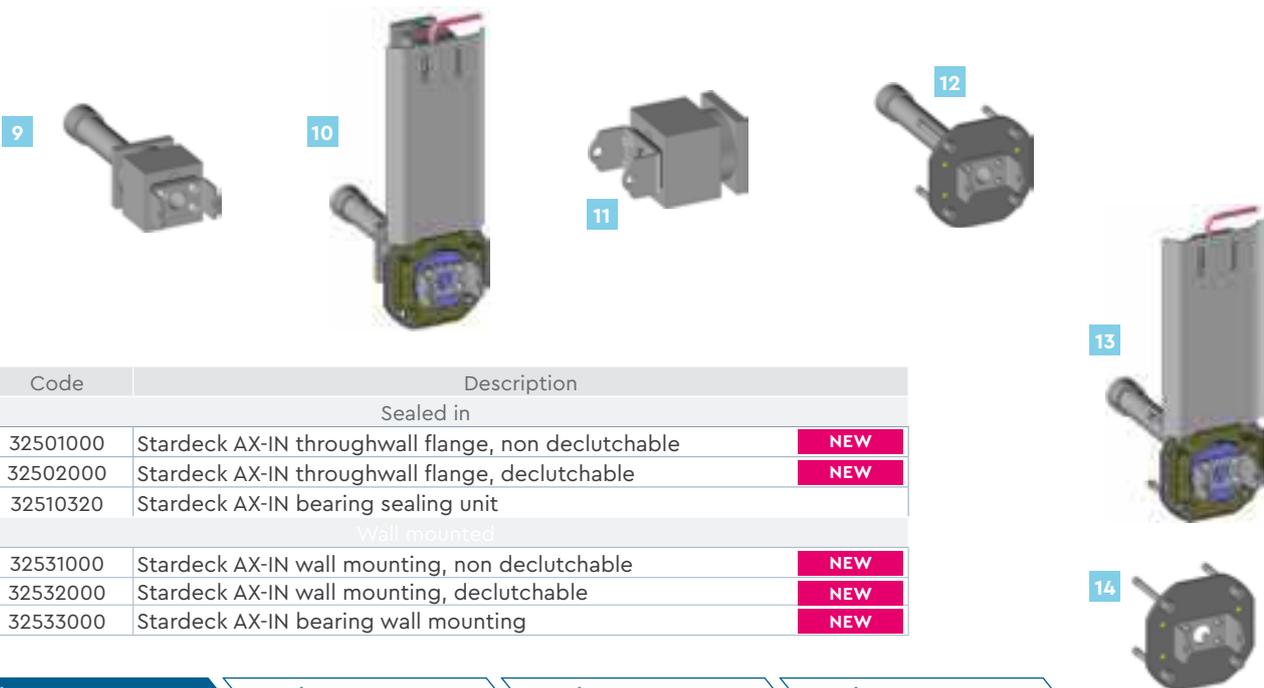
	Code	Description
Stardeck pool fittings		
1	32500300	Stardeck throughwall flange, 275 mm, for pools with walls 250 mm thick (maximum)
2	32510300	Stardeck axle bearing sealing fittings
3	32501300	Stardeck throughwall flange, 325 mm, for pools with walls 300 mm thick
	32502300	Stardeck throughwall flange, 325 mm, for extension piece, BWT
4	32503300	Stardeck end extension piece, 100 mm
5	32504300	Stardeck intermediate extension piece, 100 mm
Stardeck beam pool fittings		
6	32520300	Pair of Stardeck cement bedded beam support units - White
	32520500	Pair of Stardeck cement bedded beam support units - Beige
	32520800	Pair of Stardeck cement bedded beam support units - Grey
7	33530301	Stardeck sub-coping beam mounting units, white
Pool fittings for Stardeck structure and beam		
8	32500390	Set of Stardeck sealing fittings



The assembly includes: Stardeck throughwall flange, 275 mm, for pools with walls 250 mm thick (maximum) - 32500300, Stardeck axle bearing sealing fitting - 32510300, and 3 pairs of Stardeck cement bedded beam support units - 32520300. All in white.

STARDECK AX-IN POOL FITTINGS NEW

Family 6900



	Code	Description	
Sealed in			
9	32501000	Stardeck AX-IN throughwall flange, non declutchable	NEW
10	32502000	Stardeck AX-IN throughwall flange, declutchable	NEW
11	32510320	Stardeck AX-IN bearing sealing unit	
Wall mounted			
12	32531000	Stardeck AX-IN wall mounting, non declutchable	NEW
13	32532000	Stardeck AX-IN wall mounting, declutchable	NEW
14	32533000	Stardeck AX-IN bearing wall mounting	NEW



SEALING PLATE FOR HIGH WATER LEVEL BRACKET

Family 6900



1

1 To avoid interrupting the progress of the installation, and notably to enable coping stones to be laid before delivery of the automatic cover, BWT Pool Products created this reference to allow you to keep a rolling stock of sealing plates for high water level brackets. Upon receiving the high water level brackets you can set the sealing plates aside for a future installation.

2

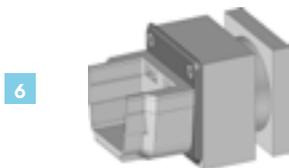


2 The bracket sealing plate for M20 copings needs to be ordered separately.

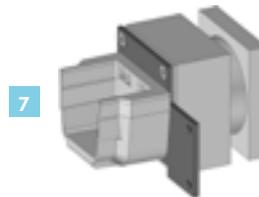
	Code	Description
1	32820000	Sealing plate for 30, 40 and 55 mm high water level bracket sealing plate
2	32820001	Sealing plate for 20 mm high water level bracket sealing plate

INEO AND INEO AX-IN SEALED IN MOUNTING UNITS

Family 6900



6



7



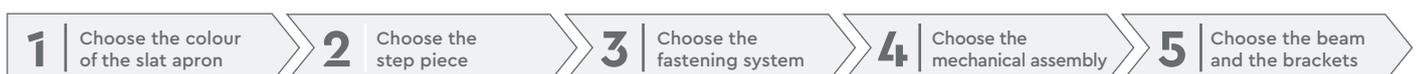
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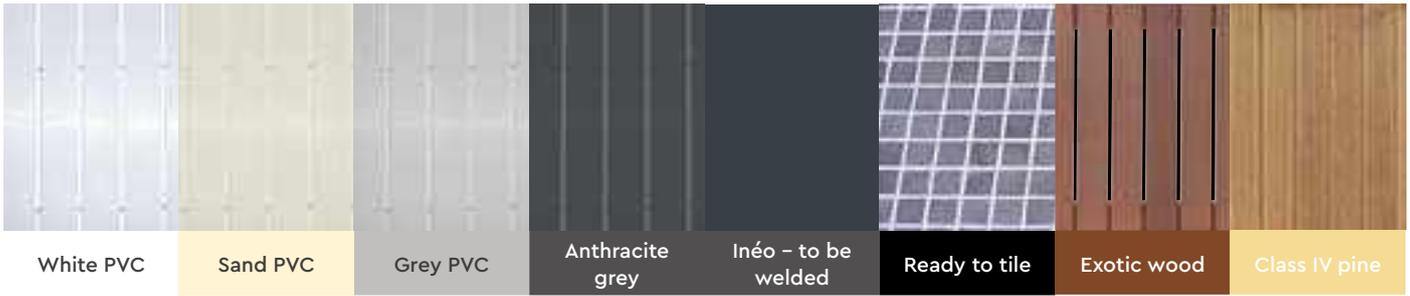
9

	Code	Description	
Sealed in			
6	32521399	Beam shoe sealed in unit Stardeck Inéo and Inéo Ax-In	NEW per pair
7	32520399	Beam shoe sealed in unit Stardeck Inéo and Inéo Ax-In with pit walls	NEW per pair
Wall mounted			
8	32531399	Wall mounted fastener for Ineo and Inéo Ax-In beams	NEW per pair
9	32530399	Wall mounted fastener for Stardeck Inéo and Inéo Ax-In beams with pit wall	NEW per pair

ORDER A SUBMERGED COVER IN 9 STEPS



STEP 7 > CHOOSE THE DUCKBOARDING



DUCKBOARDING

Famille 6900

	White PVC	Grey PVC	Exotic wood	Class IV pine
Length	Code	Code	Code	Code
Standard duckboarding, width 500 mm				
950 mm	32446300	32446800	32406600	32426600
Closing mechanism for the motor service hatch (mandatory if the Cleandeck option is selected)				
Duckboarding hatch	32441301	32441301	32401601	32401601

Duckboarding for the Stardeck cover pit comes with wedges that allow the height of the duckboarding to be adjusted to the coping nose height (depth 30, 40 or 55 mm).

Code	Description
32441301	Closing mechanism for the sevice hatch, PVC duckboarding

DUCKBOARDING FOR HIGH WATER LEVEL POOLS

Family 6900

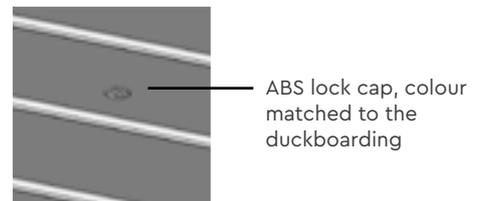
Code	Description
32410600	Duckboarding, pool 680×1000, exotic wood
32414600	Duckboarding, pool 830×1000, exotic wood
32416600	Duckboarding, pool 950×1000, exotic wood



Exotic wood



In the event that mirror skimmers are installed in the cover pit, the duckboarding modules directly above them must be at least 1 m long.



STEP 8 > CHOOSE THE PIT WALL



Specially designed to bring pools into compliance with safety standards. Each assembly is custom made in the factory. Compatible with all types of pool waterproofing (tiles, liner, reinforced PVC, etc.). The pool waterproofing is not pierced; the Stardeck pit wall is mounted on brackets sealed under the coping on either side of the pool.

Components:

- 2 Coloured PVC reinforced lateral guide rails
- 1 Coloured top finishing strip, with an inner aluminium reinforcing bar,
- 1 Pit wall comprising coloured PVC panels, 40 mm thick, that are fitted together.



Maximum pool height: 2 m

PIT WALL FOR UNITS SEALED IN THE WALL - STANDARD WATER LEVEL

Family 6900

Width	White	Beige	Grey
	Code	Code	Code
Width < 3.10 m	32620300	32620500	32620800
Width < 4.10 m	32621300	32621500	32621800
Width < 5.10 m	32623300	32623500	32623800
Width < 6.10 m	32625300	32625500	32625800

PIT WALL FOR SUB-COPING FASTENING - STANDARD WATER LEVEL

Family 6900

Width	White	Beige	Grey
	Code	Code	Code
Width < 3.10 m	33620300	33620500	33620800
Width < 4.10 m	33621300	33621500	33621800
Width < 5.10 m	33623300	33623500	33623800
Width < 6.10 m	33625300	33625500	33625800

PIT WALL FOR COVERS ON HIGH LEVEL POOLS

Family 6900

Width	White	Beige	Grey
	Code	Code	Code
Width < 3.10 m	32670300	32670500	32670800
Width < 4.10 m	32671300	32671500	32671800
Width < 5.10 m	32673300	32673500	32673800
Width < 6.10 m	32675300	32675500	32675800

CLEANDECK® CLEANING MANIFOLD

Family 6900

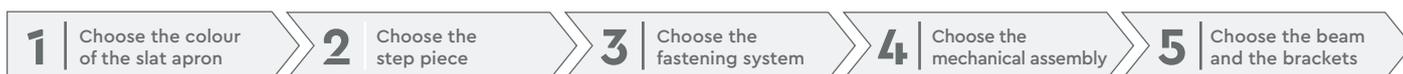


Composition:

- The manifold itself,
- Aquaboot 1 HP booster pump, 230 Volts, 1ph
- Installation fittings.
- Not compatible with coping less than 40 mm thick.

Code	Description
32700000	Cleandeck cleaning system for pools less than 3.10 m wide
32700100	Cleandeck cleaning system for pools less than 4.10 m wide
32700300	Cleandeck cleaning system for pools less than 5.10 m wide
32700500	Cleandeck cleaning system for pools less than 6.10 m wide

ORDER A SUBMERGED COVER IN 9 STEPS



Scan to watch the video!



STEP 9 > CHOOSE OPTIONAL EXTRAS

WINTERCLEAN P-F

No more leaves



TO HELP YOUR SLAT COVER PROTECT YOUR POOL DURING THE WINTER, IT IS BETTER TO STOP LEAVES AND DUST FROM SLIPPING THROUGH THE GAP BETWEEN THE POOL WALL AND THE SLATS. THIS IS THE ACCESSORY THAT TACKLES THIS ISSUE.

Simple yet effective

The WinterClean P-F system comprises segments of high density polyethylene that clip onto the slats to close off the space between the wall and the slats.

Practical

WinterClean P-F can be clipped on or removed effortlessly in just a few minutes. The WinterClean P-F segments, sold in 1 metre lengths, can be trimmed with a Stanley knife to adapt to the perimeter of the pool and navigate obstacles such as safety fasteners.

Easy to store

The WinterClean P-F system is comprised of 1 metre lengths of polyethylene that are light and easy to store.

Adapts to any shape:

Flexible and pliable, WinterClean P-F follows the contour of the pool, whatever its shape.

Affordable

The WinterClean P-F system is within reach of the most modest budget

Unobtrusive

With a range of colours to choose from, WinterClean P-F integrates harmoniously, respecting the aesthetic of your pool area.

Compatible with all slats on the market

WinterClean P-F adapts to all slats, between 10 and 20 mm thick.

Compatible with all slats on the market



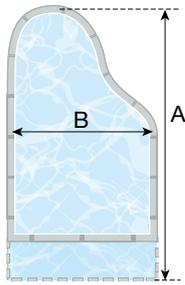
Code	Description	
32869800	WinterClean P-F grey	six 1 m bars
32869500	WinterClean P-F beige	six 1 m bars

6 Choose the pool fittings

7 Choose the duckboarding

8 Choose the pit wall

9 Add options



i if B > 8.09, +20%

The prices of rectangular covers, with or without a step piece, can be easily calculated using the information provided on the previous pages. For any other pool shape the pool is considered to be a free form pool and the calculation rules set out below should be applied.

1 / Calculate the surface area of the cover apron

The surface area of the slat cover is calculated based on the surface area of the rectangle into which the pool fits.

Thus, in the example below, and in every other case, the surface area of the slat cover is obtained by the formula: A x B. The result is then rounded up to the nearest m².

A surcharge equal to 20% of the cover's total net surface area is applied if the cover is more than 8.09 m wide.

Example : A = 11.15 m and B = 4.60 m.

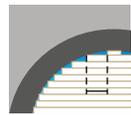
Surface area : 4.60 x 11.15 = 51.29 m², rounded up to 52 m²

Price : The price of the slat cover is obtained by multiplying the surface area by the price per m².

Step piece : If the pool features steps, add the relevant step-piece.

2 / Select the slat end finish

The edge of the slat cover can be finished in two ways:



A welded plug finish

This solution is relatively inexpensive, however, the finish is stepped. This can be visually unappealing and, in certain cases, particularly step-pieces, can present difficulties in terms of compliance with the French standard NFP 90-308. (Gaps must be smaller than 25 cm).

A smooth silicon finish



While this type of finish is obviously much more labour intensive, it features two advantages, firstly it looks good, and secondly, it ensures compliance with the French standard NF P90-308. For free-form pool covers, clients must indicate whether they want a smooth or stepped finish in the curved sections.

Once this choice is made (Plug or Silicon), the number of slat ends involved is calculated. The calculation is carried out as follows:

Calculate the number of end-pieces requiring a special finish:

Example (Figures A) : C = 4.60 m, slat width = 0.075 m.

Number of finishes: (C x 2) / 0.075 = 122.66, rounded up to 123 finishes.

Example (Figures B) : C = 4.75 m, D = 1.6 m slat width = 0.075 m.

Number of finishes: (C x D) / 0.075 = 84.66, rounded up to 85 finishes.

Price for a special finish: Refer to the table below, to calculate the total price of finish, multiply the number of slat ends by the unit refer to your pricelist. In the example shown in figure A, the number of slat ends is 123, in the example shown in figure there are 85 slat ends.

The price of the special finish should be added to the price of the slat cover.

Figure A

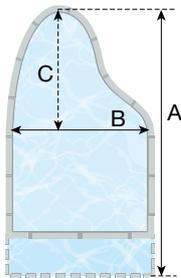
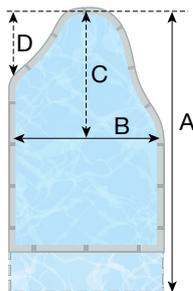


Figure B



3 / Slat finish price

once the total number of slat ends requiring a plugged or silicon finish has been determined, calculate the overall price of the slat end finish by multiplying this number by the relevant unit price.

Code	Description
32002600	Slat end finished with a welded plug
32001600	Slat end finished with smoothed mastic
32041020	Polycarbonate slat end finish

Free form with template

A surcharge equal to 20% of the cover's total net surface area is applied if the cover is more than 8.09 m wide.

A further surcharge of (discount to be deducted) will be added to offset the cost of drawing up a triangulation drawing based on the template provided

$$\text{Price exVAT(€)} = [(L \times W) \times 1.2] \times \text{price exVAT per m}^2 + \text{surcharge}$$



ACCESSORIES FOR STARDECK AND STARDECK AX-IN STRUCTURES

Family 6900

	Code	Description
		Stardeck structure
1	32860000	Tool to dismantle the Stardeck cover mechanical assembly
2	32590300	Sealing level for throughwall fitting and bearing cement bedded units



CONSUMABLES

Family 6900

Code	Description
8492300	500 ml packet of 2 component gel



STEP PIECE FINISHES

Family 6900



Stepped finish

(welded plug)



Shaped finish

(smoothed mastic)



X	Colour	Y	Colour
1	Light blue	0	Light blue
3	White	4	White
5	Beige		
7	Translucent blue		
8	Grey		

To choose the step piece colour, simply replace the letter X or Y with the number corresponding to the colour.

Material	PVC slat step piece				PC slat step piece
	before 2020		as of 2020*		before 2023
	Stepped finish	Shaped finish	Stepped finish	Shaped finish	Stepped finish
Straight step < 2.10 m	-	32170X00	32100700	-	32100Y00
Straight step > or = 2.10 m	-	32171X00	32101700	-	32101Y00
Roman step < 3.10 m	32123X00	32173X00	32103700	32153700	32103Y00
Roman step > or = 3.10 m	32124X00	32174X00	32104700	32154700	32104Y00
Other shape < 3.10 m	32126X00	32176X00	32106700	32156700	32106Y00
Other shape > or = 3.10 m	32127X00	32177X00	32107700	32157700	32107Y00

* translucent blue only

SLAT END FINISH

Family 6900

Code	Description
32002600	Slat end finish, welded plug
32001600	Slat end finish, smoothed mastic
32041020	PC slat end finish, stepped



10 SOFT COVERS

Complies with the following standards:

Standard NF P90-307-1 April 2009: Pool alarms

Standard NF P90-307-2 November 2005: Pool alarms



- 278** BAR COVER SAMPLE CONFIGURATIONS
- 279** CHOOSE YOUR BAR COVER
- 280** BAR COVERS
- 286** BAR COVER OPTIONS AND ACCESSORIES
- 287** BAR COVER SAMPLE PRICES
- 288** CHOOSE YOUR SUMMER COVER
- 289** BUBBLE COVERS

CHOICE, EFFICIENCY VISUAL APPEAL

THE BARS:

- Lacquered aluminium (Calypso and Mambo) the same colour as the polyester fabric.
- Discreet, strong polypropylene plugs fitted into the bars and fixed in place with screws.
- Fibreglass reinforced drive plugs to resist mechanical stress loading.

COPING WEAR PADS:

- Ideal solution for free-form pools (polyester shell. etc.). The pads can be adjusted to adapt to the pool shape and protect the cover and the bars at the contact points.
- The pads are made of a supple material that protects absorbs impacts and protects against abrasion. They are removable and can be easily replaced.

THE FASTENING SYSTEM:

- Sheathed, stainless steel cables (Calypso): no corrosion, no rough surfaces (protects the cover fabric and people).
- Ratchet buckles (Calypso) to tension the cables.
- Polyamide sleeves (Calypso and Mambo) protect the buckles and the cover fabric while the cover is being rolled out. The deck is clean and safe, no risk of injury to children.
- 3 bar tensioning straps. Tensioned with cam buckles (Calypso and Mambo) that can be slid along the 1st bar to correctly install the cover.

THE STEPS:

- Across the width of the cover: slides along the last bar of the cover to allow the step piece to be positioned with greater accuracy.
- Along the length of the cover: the cover is made in two separate parts. An additional bar joins the ends of the step piece.

THE MATERIAL:

- Very strong PVC coated fabric: 650g/m².
- UV stabilised and antimicrobial.
- Lacquered on both surfaces.
- Reinforcement of the surfaces in contact with the coping (70% of the mass)
- Reverse side is beige: prevents staining of the coping.
- The fabric is unbroken where it passes under the bars: increased strength.
- Cleverly positioned drainage holes to prevent the formation of water pockets and deformation of the fabric.



SAMPLE COVERS

CALYPSO



MAMBO



CBE-650



	POOL DIMENSIONS	COVER DIMENSIONS	M ²
CALYPSO	8.00 m x 4.00 m	8.40 m x 4.40 m	37
	9.00 m x 4.00 m	9.40 m x 4.40 m	41
	10.00 m x 5.00 m	10.40 m x 5.40 m	56
MAMBO	8.00 m x 4.00 m	8.40 m x 4.40 m	37
	9.00 m x 4.00 m	9.40 m x 4.40 m	41
	10.00 m x 5.00 m	10.40 m x 5.40 m	56
CBE-650	8.00 m x 4.00 m	8.40 m x 4.40 m	37
	9.00 m x 4.00 m	9.40 m x 4.40 m	41
	10.00 m x 5.00 m	10.40 m x 5.40 m	56

CHOOSE YOUR BAR COVER



MODEL	CALYPSO	MAMBO	CBE-650
MAXIMUM DIMENSIONS	12 x 5 m		
PERIMETER OVERLAP	0.20 m		
BARS	Lacquered Aluminium the same colour as the fabric		Grey, anodised Aluminium
FABRIC	PVC coated Polyester fabric, 650 g/m ²		
COLOURS			
FINISH DOWN THE LENGTH	Hemmed with an adjustable tensioning cable	As cut + battening eyelets	As cut
FINISH ALONG THE WIDTH	Black removable, adjustable straps		
FASTENING RING	Triangular A4 stainless steel		
BUSHING BOLT	Stainless steel-Aluminium bushing		
STRAP ADJUSTMENT	Ratchet buckles and cam buckles	Ratchet buckles	Safety buckles
ACCESSORIES	<ul style="list-style-type: none"> • Strap and fastener protection • Adjustable anti-wear pads • Cut-outs and step pieces • Hand crank or motor (option) 	<ul style="list-style-type: none"> • Strap and fastener protection • Adjustable anti-wear pads • Cut-outs and step pieces • Hand crank or motor (option) 	<ul style="list-style-type: none"> • Adjustable anti-wear pads • Cut-outs and step pieces • Hand crank or motor (option)
GUARANTEES			
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SOFT COVERS
PROTECTION &
SAFETY



The Calypso bar cover is made of extremely strong (650g/m²), PVC coated polyester fabric. Both surfaces are anti UV treated. The cover fabric is continuous underneath the bars for increased strength and durability.

Lacquered aluminium bars the same colour as the cover strengthen and stiffen the cover allowing it to support the weight of a child falling onto it without sustaining any damage.

To ensure the safety of young children and pets, a PVC sheathed stainless steel cable is fitted along each length of the Calypso cover to stiffen the edges of the cover and prevent anyone from sliding underneath. Calypso covers are particularly suited to regions subject to strong winds.

All the fasteners are covered with protective sleeves to prevent abrasion while the cover is being rolled out. Using a motorised crank (available separately), a 10 m long Calypso cover can be rolled up effortlessly in less than a minute.

The cover is deployed by pulling on a strap that can be detached from the cover and stored when the cover is to be left in place for long periods of time.

Available colours: blue, beige, green and grey.

CALYPSO

Families 6870 & 6880

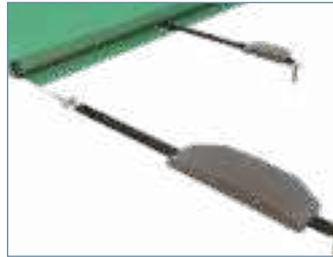
Fastening and finish details



View showing the end of a cover bar with a safety and tensioning cable. The lacquered aluminium bars are the same colour as the cover material.



Tensioning and fastening strap featuring a ratchet buckle on each strap along the cover lengths and a cam buckle on each strap across the cover width.



Sheath to protect the tensioning and fastening assembly once the cover has been deployed over the pool.



Detail of the stainless steel and aluminium Ø 8 mm bushing for the tensioning and fastening assembly.

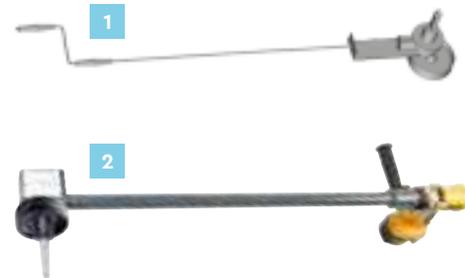
Non standard

	Calypso covers. width less than 5.45 m	Calypso covers. width less than 4.45 m	Calypso cover. width less than 3.45 m
	6410400	6410200	6410000
	6412400	6412200	6412000
	6414400	6414200	6414000
	6416400	6416200	6416000

OPTIONS

Families 6870

	Code	Description
1	6309060	Hand crank included with the bar cover (1 hand crank for covers up to 4.90 m wide)
2	6409060	Motorised crank for Calypso, Mambo and CBE-650 covers Delivered with 2 batteries and 1 charger



i The motorised crank is automatically included with covers longer than 12 m.

ACCESSORIES

Families 6870

	Code	Description
	6409050	Hand crank only



SOFT COVERS
PROTECTION &
SAFETY



The Mambo bar cover is made of extremely strong (650g/m²), PVC coated polyester fabric, both surfaces are anti UV treated. The cover fabric is continuous underneath the bars for increased strength and durability.

Lacquered aluminium bars the same colour as the cover strengthen and stiffen the cover allowing it to support the weight of a child falling onto it without sustaining any damage.

Mambo covers feature eyelets the same colour as the cover fabric along both lengths to allow attachment of bungee straps (option) in regions that experience strong winds, and to optimise the safety of young children and pets.

All the fasteners are covered with protective sleeves to prevent abrasion while the cover is being rolled out.

Using a motorised crank (purchased separately), a 10 m long Mambo cover can be rolled up effortlessly in less than a minute.

The cover is deployed by pulling on a strap that can be detached from the cover and stored when the cover is to be left in place for long periods of time.

Available colours: blue, beige, green and grey.

MAMBO

Families 6870 & 6880

Fastening and finish details



Tensioning and fastening assembly at the end of the cover



The aluminium bars of Mambo covers are lacquered to match the colour of the cover.

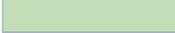
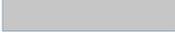


Anchoring system designed for use in regions subject to strong winds (option).



Detail of the stainless steel and aluminium Ø 8 mm bushing for the tensioning and fastening assembly.

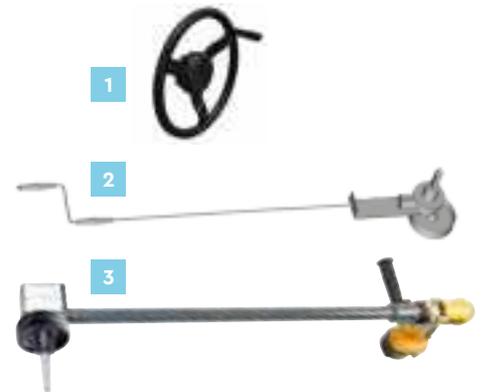
Non-standard

	Mambo cover less than 5.45 m wide	Mambo cover less than 4.45 wide	Mambo cover less than 3.45 wide
	6310400	6310200	6310000
	6312400	6312200	6312000
	6314400	6314200	6314000
	6316400	6316200	6316000

OPTIONS

Family 6870

	Code	Description
1	6389000	Flywheel delivered with covers for above-ground pools
2	6309060	Hand crank included with the bar cover (1 hand crank for covers up to 4.90 m wide)
3	6409060	Motorised crank for Calypso, Mambo and CBE-650 covers Delivered with 2 batteries and 1 charger



The motorised crank is automatically included with covers longer than 12 m.

ACCESSORIES

Family 6870

Code	Description
6409050	Hand crank only



SOFT COVERS PROTECTIVE & SAFETY



The CBE-650 bar cover is made of extremely strong (650g/m²), PVC coated polyester fabric, both surfaces are anti UV treated. The cover fabric is continuous underneath the bars for increased strength and durability.

Grey anodised aluminium bars strengthen and stiffen the cover allowing it to support the weight of a child falling onto it without sustaining any damage.

Using a motorised crank (purchased separately), a 10 m long CBE-650 cover can be rolled up effortlessly in less than a minute.

The cover is deployed by pulling on a strap that can be detached from the cover and stored when the cover is to be left in place for long periods of time.

Available colours: blue, beige, green and grey.

CBE-650

Families 6870 & 6890

Fastening and finish details



Fastening straps at the end of the cover



The cover is deployed by pulling on a central strap that may be detached and stored when the cover is left in place for long periods of time.



The Aluminium bars on Cbe-650 covers are anodised.



Anchoring system designed for use in regions subject to strong winds (option).

Non standard

	CBE-650 cover less than 5.45 m wide	CBE-650 cover less than 4.45 m wide	CBE-650 cover less than 3.45 m wide
	6310401	6310201	6310001
	6312401	6312201	6312001
	6314401	6314201	6314001
	6316401	6316201	6316001

OPTIONS

Family 6870

	Code	Description
1	6389000	Flywheel delivered with covers for above-ground pools
2	6309060	Hand crank included with the bar cover (1 hand crank for covers up to 4.90 m wide)
3	6409060	Motorised crank for Calypso, Mambo and CBE-650 covers Delivered with 2 batteries and 1 charger



The motorised crank is automatically included with covers longer than 12 m.

ACCESSORIES

Family 6870

Code	Description
6409050	Hand crank only

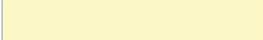
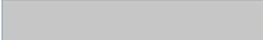


SOFT COVERS PROTECTIVE & SAFETY

BAR COVER OPTIONS AND ACCESSORIES

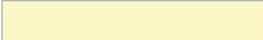
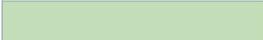
STEP PIECES FOR CALYPSO AND MAMBO COVERS

Families 6870 and 6880

	Steps across the width < 3.50 m	Steps across the width ≥ 3.50 m	Steps down the length < 3.50 m
	6420000	6430000	6460000
	6422000	6432000	6462000
	6424000	6434000	6464000
	6426000	6436000	6466000

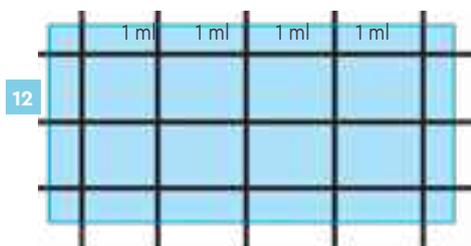
STEP PIECES FOR CBE-650 COVERS

Family 6890

	Steps across the width < 3.50 m	Steps across the width ≥ 3.50 m	Steps down the length < 3.50 m
	6320001	6330001	6360001
	6322001	6332001	6362001
	6324001	6334001	6364001
	6326001	6336001	6366001



	Code	Description	
1	2393906	SS peg Ø 6 mm with hook	set of 10
2	2393907	Spring with protection /winter cover	set of 10
3	2393904	Brass pop-up bushing Ø22 mm	set of 10
4	2393905	PVC peg, 30 cm for grass	set of 10
5	2393908	Bungee strap 8mm beige with stoppers	per m
6	2393900	Cabiclic double 50 cm,	set of 10
7	2393909	Fixkit strap for peripheral strip	set of 10
8	2393901	Stainless steel bushing bolt Ø 10 mm	set of 10
9	2393903	Pop-up bushing Ø 30 mm for wooden decking	set of 10
10	2393910	Individual bungee strap, 600mm	set of 10
11	2393902	Stainless steel bushing bolt Ø 12 mm	set of 10
12	2394030	Support kit with springs, pools 8m to 15m	



Technical data:

- 2 pop-up bushings,
- 2 dynamometric springs,
- 1 strap.

ACCESSORIES FOR SUMMER COVERS

Families 6800 & 7800

Code	Description
2391023	Eyelet clip 12mm blue
1869059	Strap for cover roller
2391041	Set of 3 straps for bubble covers

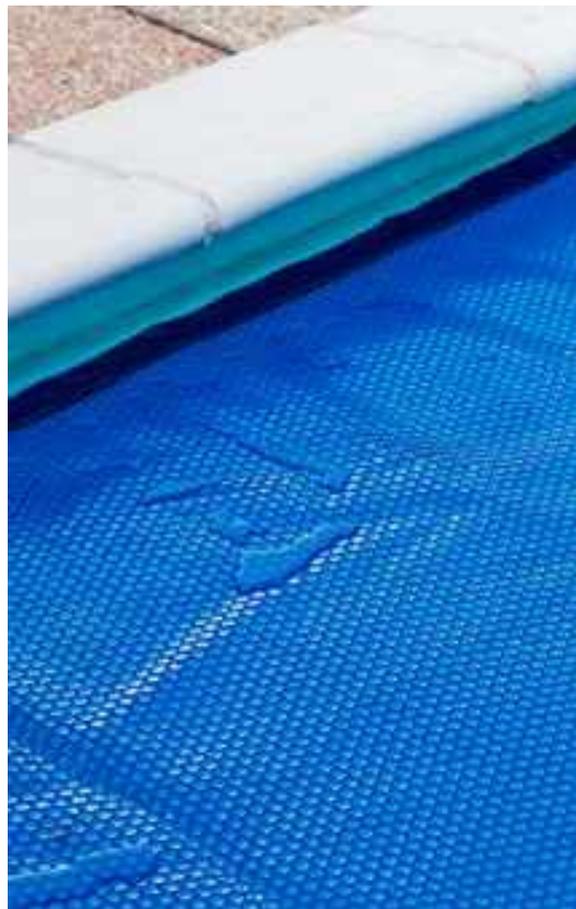
bag of 13 straps



SOFT COVERS
PROTECTIVE &
SAFETY

CHOOSE YOUR SUMMER COVER

MODEL	CLASSIC 500	CLASSIC 400
THICKNESS	500 microns	400 microns
BUBBLE TYPE	GeoBubble	10 mm
COLOUR		
AVAILABLE FINISHES	Standard 	Unhemmed 
	Reinforced band  Except for rectangular covers	Standard  Reinforced band 
GUARANTEE		
PAGE	290	291



SAMPLE COVERS

	POOL DIMENSIONS	COVER DIMENSIONS	M ²
CLASSIC 500 	8.00 m x 4.00 m	8.00 m x 4.00 m	32
	9.00 m x 4.00 m	9.00 m x 4.00 m	36
	10.00 m x 5.00 m	10.00 m x 5.00 m	50
CLASSIC 400 	8.00 m x 4.00 m	8.00 m x 4.00 m	32
	9.00 m x 4.00 m	9.00 m x 4.00 m	36
	10.00 m x 5.00 m	10.00 m x 5.00 m	50



CHOICE OF FINISHES



Reinforced band finish

Reinforced band finish around the whole periphery of the cover. Reflective protective tarpaulin.

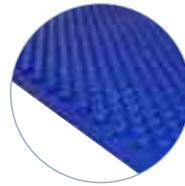
The reinforced band finish is only available for free form and round covers.



Standard finish

Standard finish: eyelets, hemmed across the width, edged down each length. Reflective protective tarpaulin.

Polygon shaped covers with a standard or unhemmed finish are available on order.



As cut, no hem

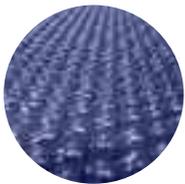
Unfinished, no hem, no edging, no eyelets or protective reflective coating.



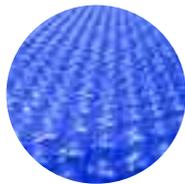
Patented leaf trap

Patented leaf trap welded to the cover to catch leaves and stop them falling into the pool while the cover is being rolled up.

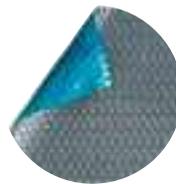
COLOURS AND BUBBLES



**Blue grey
EnergyGuard
GeoBubble
500 microns**



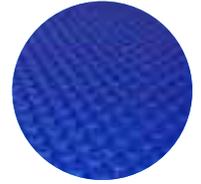
**Blue
GeoBubble
500 microns**



**Silver and blue
400 microns**



**Translucent
400 microns**



**Blue
300 and 400 microns**



EnergyGuard GeoBubble bubble covers absorb and retain heat energy from the sun and inhibit photosynthesis.

**GEOBUBBLE technical data
Classic-500 and Super-500**



- 1 Increased resistance to chemical attack compared to traditional bubbles
- 2 Large footprint to withstand air expansion
- 3 Smoothly curved wall, uniform thickness. 50% thicker than the weakest points of traditional bubbles.

BUBBLE COVERS

CLASSIC - 500

Family 7000

Classic-500 covers are made of UV stabilised polyethylene film with an innovative 'GeoBubble' bubble shape. Two finishes are available:

- Standard finish
- Reinforced band finish

Classic-500 covers feature the following:

- Reflective, protective tarpaulin, with three fastening straps.
- Eyelets to attach the roller and eyelets to attach the tensioning strap.



Description	Blue GeoBubble	Grey blue EnergyGuard GeoBubble
Classic 500 cover, standard finish per m ²	2085100	2085200
Classic 500 cover, reinforced band finish per m ²	2086100	2086200

NON-STANDARD STEPS

Family 7000

The options for additional eyelets or step pieces is available for all bubble covers.

The step pieces for the Super-400 and 500, and Classic 300, 400 and 500 are the same. They feature:

- a reinforced band around the periphery if the cover has a standard or reinforced band finish.
- an unhemmed finish if the cover finish is unhemmed.

The prices opposite correspond to the supplement to be added to the price of the isothermal covers.

Reinforced band finish :

Description	Straight steps	Roman steps	Steps. any other shape
	Code	Code	Code
Classic-500 Energy guard	2250110	2260110	2280110
Classic-500 Blue	2250010	2260010	2280010
Classic-400 Silver	2250610	2260610	2280610
Classic-400 Blue	2250810	2260810	2280810
Classic-400 translucent	2250710	2260710	2280710

CLASSIC® 400

Family 7000

Classic-400 covers are made of UV stabilised polyethylene film. Three finishes are available:

- Unhemmed finish
- Standard finish
- Reinforced band finish

Classic-400 covers feature the following:

- Reflective, protective tarpaulin (except for covers with an unhemmed finish) with 3 fastening straps.
- Eyelets to attach the roller and eyelets in each corner at the opposite end to the roller, (except for covers with an unhemmed finish).



Description	Classic-400 blue	Classic-400 translucent	Classic-400 silver and blue
Standard finish, per m ²	2035100	2075100	2025100
Reinforced band finish per m ²	2036100	2076100	2026100

SOFT COVERS
PROTECTIVE &
SAFETY

11

HEATING & DEHUMIDIFICATION

Complies with the following standards:

EN 60335-1 May 2013 - Household and similar electrical appliances - Part 1: basic requirements

Directive 2014/35/EU: the Low Voltage directive

Directive 2011/65/EU, the RoHS 2 directive: The Reduction of Hazardous Substances directive. electric and electronic devices and the Directive 2015/863/EC RoHS 3

EN 55014-1 + A2 February 2012: Electromagnetic Compatibility - Part 1: Emission

EN 55014-2 +A2 July 2015 : Electromagnetic Compatibility - Part 2: Immunity

Directive 2014/30/EC: the Electromagnetic Compatibility directive

Directive 2006/42/EC: the Machine directive

Directive 97/23/EC: the Low Pressurised Equipment directive

Regulation EU 517-2014: the F-Gas regulation

EN 378-2+A2 (07/2012): Heat pump and refrigeration systems - Part 2: design, construction, tests, marking and documentation

NF EN 378-4 +A1 July 2012: Heat pump and refrigeration systems - Safety and environmental requirements - Part 4: operation, maintenance, repair and recovery

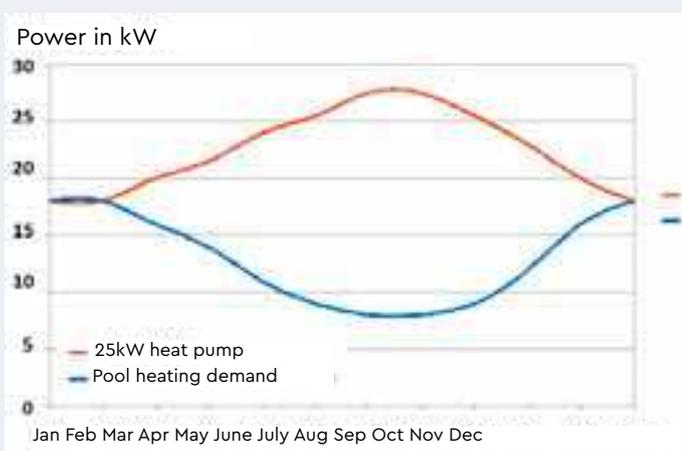
Directives 2000/14/EC and 2005/88/EC: noise emissions into the environment by outdoor equipment.

AFNOR AC P90-327: Heating (Previously DTP N°10).



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- 322** HEAT EXCHANGERS

HEAT PUMP OPERATING PRINCIPLE



The current situation

Similarly to the performance levels of heat pumps, the heating demand of a pool will vary depending on the time of year, the weather, etc. By definition, an On/ Off heat pump only has one operating mode. To satisfy a pool's heating demand, this type of pump only has one solution, to switch between On phases operating at 100% output and Off phases.

This type of operation presents a number of drawbacks:

- electrical consumption is not optimised,
- operating at 100%, the heat pump will generate a maximum amount of noise and cause noise pollution,
- the electrical power draw due to successive start ups is significant,
- the service life of the heat pump is impacted.

The objectives

These observations led to 4 objectives:

- decrease electrical consumption,
- decrease noise pollution,
- limit over currents on start up,
- increase the service life of the heat pump.

The solution: the inverter heat pump

Over the last years, Inverter Technology has become more widespread in the field of domestic heating.

Combined with intelligent control that takes all operating parameters into consideration, the Inverter varies the compressor and fan operating modes.

In this way, the pump adapts its heating output precisely to match the pool's heating demand, whatever the outside weather conditions.

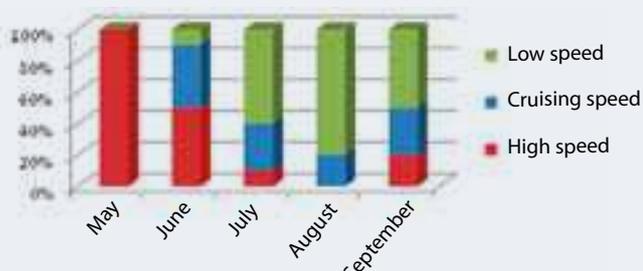
The graph opposite illustrates the operating modes of an Inverter heat pump depending on the season in Europe.

Reduced electrical consumption

The Inverter varies the compressor and fan speed to:

- achieve a soft start and prevent current peaks on start-up,
- adapt the heating output to the heating demand,
- in low speed mode, the COP is 30 to 40 % higher*

* air temperature 15°, water temperature 26°



Reducing speed = savings



Comparison with a motor vehicle

In the example opposite, the performance data of an 18 KW Inverter heat pump (running at 50% heating capacity) is compared with an 18 KW On/ Off heat pump.

It can be seen that when the Inverter heat pump runs at slower speeds, although the operating time is longer, the COP is higher and the electrical consumption is reduced.

EXAMPLE OF A MOTOR VEHICLE				
Speed	Distance	Instantaneous consumption	Travel time	Consumption for 100 Km
120 Km/h	100 Km	8 litres/100 Km	50 minutes	8 litres
90 Km/h	100 Km	5.6 litres/100 Km	67 minutes	5.6 litres

Example of a heat pump				
Power	Pool demand	COP	Operating time	Consumption for 18 kWh
18 kW – ON/OFF	18 kWh	4.1	60 minutes	4.39 kWh
9 kW – Inverter	18 kWh	5.3	120 minutes	3.39 kWh

Quieter

Inverter technology, the compressor slows increasingly as the pool water temperature approaches the set point. This reduces sound levels, particularly at low speed operating modes.

Increased service life of materials

While an On/Off heat pump switches on and off constantly, an Inverter heat pump runs continuously in low speed mode. This is less stressful on the compressor, and increases its service life.

The decibel is a logarithmic unit	
Basic rules concerning decibels dB(A)	
Change in dB(A)	Sound level perceived
Increase of 3 dB(A)	The sound heard is twice as loud
Increase of 10 dB(A)	The sound is 10 times louder
Increase of 20 dB(A)	The sound is 100 times louder
An inverter heat pump can decrease the sound level by a factor of 10 when it switches from high speed mode to low speed mode.	

Contact our design office

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HEATING STUDY WITH A CALCULATION CORE DEVELOPPED BY THE CSTB

In 2013 BWT Pool Products entered into partnership with MITSUBISHI Electric, a world leader in the field of heating and air conditioning in the domestic and services sectors.

BWT Pool Products partnerships

Partnership with pool professionals: Heating studies.

The introduction of Inverter technology into the swimming pool sector has shaken up sizing practises and created a need for powerful calculation tools capable of highlighting the acoustic and energetic performance levels of these machines.

BWT Pool Products approached the CSTB (centre scientifique et technique du bâtiment – French centre for building science and building technologies) to develop a calculation core with a 1 hour time step, the only protocol that would allow prediction of INVERTER technology operating modes.

This partnership allowed us to use Mr SLIM and ZUBADAN outdoor units, global references in terms of quality, and with more than 100,000,000 sales throughout the world.

This calculation core was then integrated into a calculation program that we use to perform "Heating Studies" to assist you in the correct sizing of the heat pump for a given installation.

Using this customised software, we calculate the precise heating output necessary to heat the pool. This allows us to recommend the heat pump best suited to your project.

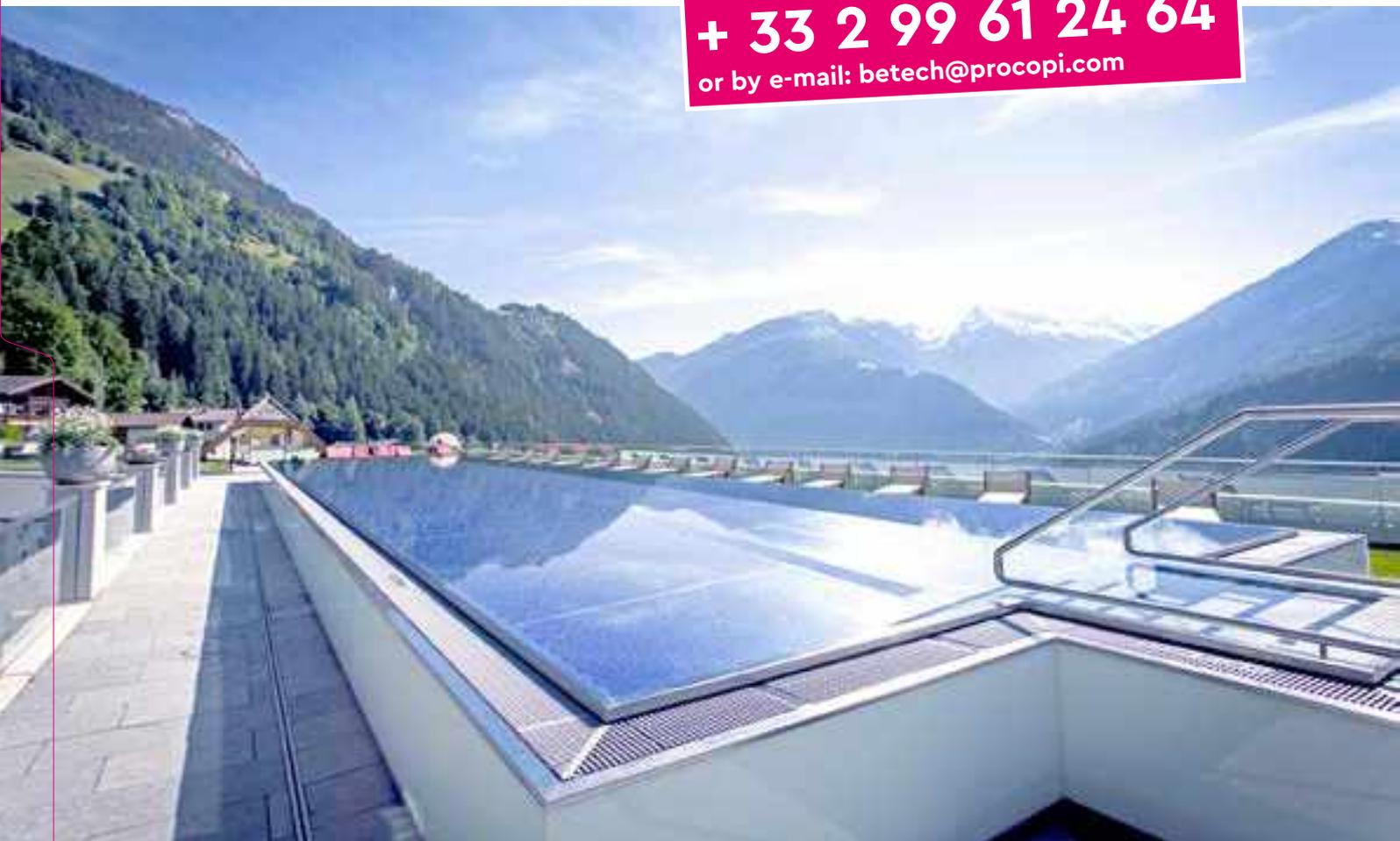
This unique tool is available in your professional space when you sign into your ProcoShop account, you can use it to generate precise, comprehensive, customised thermal studies.

These studies, that consumers find reassuring, can drive sales for your company by highlighting your professional status.

Contact our design office

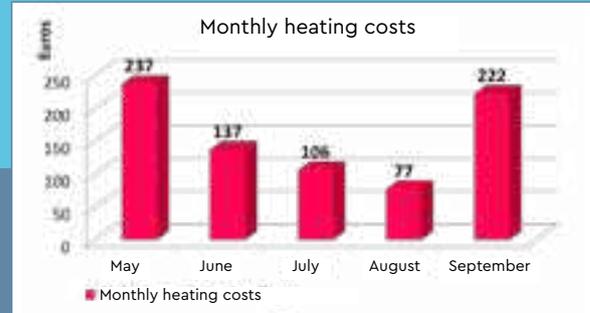
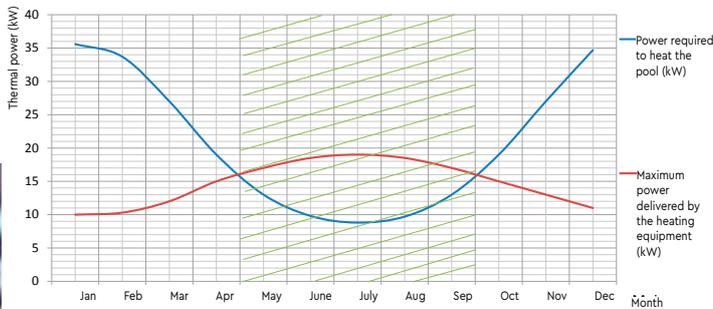
+ 33 2 99 61 24 64

or by e-mail: betech@procopi.com



BWT Pool Products approached the CSTB (centre scientifique et technique du bâtiment – French centre for building science and building technologies) to develop a calculation core.

To correctly size the heating and dehumidification equipment, the core calculation monitors the heat losses and gains every hour to deduce the pool's heating demand. It uses the precise performance data of the various heating systems, the meteorological conditions and many other parameters such as the pool's technical data, its location and the manner of use.



The core calculation was integrated into an application that generates "Heating Studies" to help you correctly size heating and dehumidification equipment for your pool projects. The application calculates the precise calorific power required to heat the pool. This allows us to recommend heating and/or dehumidification specifically suited to your project.

Choice of heating and dehumidification equipment

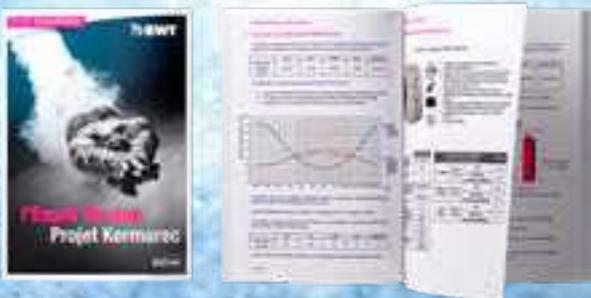
- Inverter, Power Inverter, Zubadan, On/ Off heat pumps, heat exchangers and electrical heaters.
- Ducted and through the wall dehumidifiers, dehumidifier consoles.

A powerful core calculation that integrates:

- Weather data with a one hour time step.
- Hourly tracking of heat losses and gains.
- Detailed modelling of heating equipment and notably Inverter heat pumps (precise calculation of the machine's COP and operating power depending on the outdoor temperature and its operating mode),
- All the physical phenomena that effect the pool's thermal status (conduction, convection, rainfall, radiation, evaporation, water refilling, metabolic contributions).

A customised heating study for your client:

- Automatically generated by the on-line application.
- Impactful, simply presents the heating solution most suited to your project
- Designed as a sales tool (Your company name and the project name on the cover page, photographs of the recommended equipment, etc.).
- Simple and easy to understand, contains all the necessary information (required thermal power, monthly heating costs, etc.).
- Real sales leverage, highlights your role as a specialist.

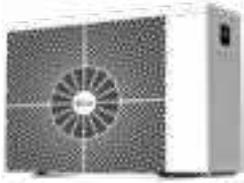


BWT HEAT PUMP COMPARISON



MODEL	BWT Mitsubishi Power Inverter (MPI)	BWT Mitsubishi Zubadan (MZI)	NEW BWT FI Connect EF
TECHNICAL DATA			
HEATING POWER (AIR AT 15°C, WATER AT 26°C)	10.6 to 39 kW	20.2 to 33 kW	7.9 to 14.8 kW
INVERTER TECHNOLOGY	✓	✓	✓
ZUBADAN TECHNOLOGY (VERY LITTLE LOSS OF HEATING POWER WHEN THE OUTSIDE TEMPERATURE DROPS)	✗	✓	✗
ENERGY PERFORMANCE	+++	+++	+++
ACOUSTIC PERFORMANCE	++	++	+++
OPERATING TEMPERATURE RANGE:	-15 °C to 46 °C	-15 °C to 46 °C	-25 °C to 38 °C
MAXIMUM SETPOINT TEMPERATURE IN HEATING MODE	38 °C	38 °C	38 °C
MINIMUM SETPOINT TEMPERATURE IN COOLING MODE	8 °C	8 °C	8 °C
CONTROL VIA WIFI	✗	✗	✓
WIRE-IN REMOTE INSTALLED CONTROL PANEL	Option (20 m cable)	Option (20 m cable)	Option (10 m cable)
HEAT EXCHANGER	Titanium	Titanium	Twisted Titanium
CABINET	Painted, galvanised sheet metal	Painted, galvanised sheet metal	Painted, galvanised sheet metal
REFRIGERANT GAS	R410A	R410A	R290
COMPATIBLE WITH A 60 HZ POWER SUPPLY	✓	✓	✓
COMPATIBLE WITH A 110V POWER SUPPLY	✗	✗	✗
AIR EXHAUST	Horizontal	Horizontal	Horizontal
RECOMMENDED POOL WATER VOLUME	≤ 65 m ³ /247 m ³	≤ 104 m ³ /208 m ³	≤ 45 m ³ /105 m ³
MODES			
MAX CONFORT	✓	✓	✓
SMART ECO	✓	✓	✓
SILENCE	✗	✗	✓
GUARANTEES			
HEAT PUMP GUARANTEE	5 years	5 years	3 years
TITANIUM HEAT EXCHANGER GUARANTEE	10 years	10 years	10 years
COMPRESSOR GUARANTEE	5 years	5 years	5 years
PAGES	302	304	306

HEAT PUMP COMPARISON



BWT Inverter horizontal	NEW BWT Pearl HPT	BWT Inverter Connect	BWT myPOOL Inverter	NEW BWT Mini	BWT Mini Connect
5 to 24.5 kW	9.1 to 14.5 kW	5.5 to 14.5 kW	4 to 12 kW	2.2 to 4.1 kW	
✓	✓	✓	✓	✗	
✗	✗	✗	✗	✗	
++	++	+	+	+	
+++	+++	+++	++	+	
-10 °C to 43 °C	-10 °C to 38 °C	0 °C to 38 °C	0 °C to 43 °C	9 °C to 38 °C	0 °C to 38 °C
40 °C	38 °C	32 °C	40 °C	34 °C	
12 °C	8 °C	8 °C	No cooling mode	15 °C	
✓	✓	✓	✗	✗	✓
Option (10 m cable)	Option (10 m cable)	✗	Option (10 m cable)	✗	
Titanium and PVC	Titanium and PVC	Titanium and PVC	Titanium and PVC	Titanium and PVC	
Aluminium with ceramic treatment	UV stable ABS	Galvanised steel with Epoxy paint	Galvanised steel with a protective polymer coating	Galvanised steel with Epoxy paint	
R32	R32	R32	R32	R32	
✓	✓	✓	✗	✗	
✗	✗	✗	✗	✗	
Horizontal	Vertical	Horizontal	Horizontal	Horizontal	
≤ 30 m ³ /160 m ³	≤ 45 m ³ /105 m ³	≤ 30 m ³ /100 m ³	≤ 24 m ³ /70 m ³	≤ 10 m ³ /30 m ³	
✗	✗	✓	✗	✓	
✓	✓	✓	✓	✗	
✓	✓	✓	✓	✗	
3 years	3 years	3 or 5 years	2 years	2 years	
Lifetime	10 years	3 or 5 years	2 years	10 years	
10 years	5 years	3 or 5 years	2 years	2 years	
308	312	314	316	318	319



The industrial strength of a world leader

Mitsubishi Electric, a world leader in the field of heat pumps for climate control and heating, have produced several million machines that use Ecodan Power Inverter and Zubadan Power Inverter technologies. These machines are renowned for their reliability and excellent performance levels.

Mitsubishi and BWT decided to pool their core expertise to create two ranges of swimming pool heat pumps, the M.P.I. (Ecodan) range and the M.Z.I. (Zubadan) range.

BWT Power Inverter M.P.I. and M.Z.I. heat pumps exploit these technologies to achieve exceptional performance levels, both in terms of noise level and improved coefficient of performance.



Inverter System

Comprehensive range

The BWT Power Inverter range offers a selection of models to suit pools of all types and sizes.

Power Inverter system

BWT M.P.I. and M.Z.I. heat pumps automatically adjust their compressor speed to adapt to the operating mode and outdoor temperature. There is no need for any intervention by the user.

Reversible heat pumps

All BWT Power Inverter heat pumps are reversible as standard

BWT Power Inverter heat pumps can be used to heat or cool pool water, they are also compatible with systems running on 60 Hz.

This feature is particularly appreciated in very hot regions where it can be used to hold swimming pool water at a comfortable temperature or even to lower or maintain the water temperature in aquaculture tanks used to rear and store fish.

Silence

Conventional On/Off heat pumps generate a constant sound power, even when the water temperature is around the set point.

On the other hand, BWT Power Inverter heat pump compressors slow significantly around the set point so that they run much more quietly than a conventional On/Off machine.

This is particularly important when the heat pump must be installed close to neighbouring properties.

Installers should take regulations governing neighbourhood noise abatement in effect in the country of installation into consideration.

Start-up overcurrents

BWT Power Inverter heat pumps feature acceleration ramps that exploit frequency variation technology to avoid overcurrents on start-up along with their inherent negative impact on electrical and electronic devices in the home.

Completely automatic

BWT Power Inverter heat pumps are designed to be easy to install and simple to maintain.

Systematic quality control

To guarantee complete reliability, all BWT Power Inverter heat pumps are tested before being shipped.



BWT M.P.I. & M.Z.I. - HEAT PUMP GUARANTEE CONDITIONS

Duration of the guarantee

M.P.I and M.Z.I. heat pumps are covered by a 5 year guarantee as of their invoice date. The provisions and conditions of the guarantees covering these heat pumps are available on our internet site. The guarantee period is extended to 10 years for the Titanium heat exchanger.

Commissioning

The specifications concerning the commissioning of M.P.I and M.Z.I. heat pumps are available on our internet site.

Environment code

Article R 543-79 of the French Environment Code: The owner of an equipment item with a HCFC load greater than two Kilograms, or with a HFC or PFC load in excess of five equivalent tons of CO₂, as understood by the regulation (EU) n° 517/2014 dated April 16th 2014, must, upon commissioning of said equipment item, have the leaktightness of the elements ensuring containment of the refrigerant verified by an operator duly certified as set out in article R. 543-99 or,

in the case of a member state of the European Union, obtain equivalent certification in the country of installation. This verification should then be repeated at the intervals and according to the conditions set out in the regulations of the country of installation.

Hence, in France, a machine containing more than 2.82 kg of R 407c or more than 2.39 kg of R 410a is subject to leaktightness inspections. At the time that this document was drafted, the inspection frequency was yearly, and twice yearly if the machine load is 10 times the former limits

Gas	1 kg of gas is equivalent, in tons of CO ₂ :	Number of kg of gas equivalent to 5 tons of CO ₂ :
R 407 c	1.774	2.82 (5 / 1.774)
R 410 a	2.088	2.39 (5 / 2.088)

HEAT PUMP SERVICES

Code	Description
92341	Commissioning of a heat pump/ Mitsubishi
92343	Heat pump maintenance contract, 1 inspection
92345	Heat pump maintenance contract, 2 inspections
92347	On-site troubleshooting for heat pump repair quotes
92348	Heat pump & Dehumidifier service charge



- Reversible machine, can be used to heat or cool the pool, compatible with a 60 Hz electrical frequency.
- Automatic defrosting by cycle inversion when the heat pump runs at temperatures down to -15°C.
- Complies with EC standards.
- Low acoustic power in low speed mode, thanks to the Mitsubishi scroll inverter compressor.
- Low water level safety device (flow switch).
- Hydraulic connections, Ø 50 mm, solvent.
- ICHILL thermostat, comfort and Eco mode.
- Condensate collection and drainage kit.

The heating capacity and COP (coefficient of performance) are improved. The following is displayed on the thermostat: the pool water, the setpoint, the heating/ cooling operating mode.

The spiral plate Titanium heat exchanger (Procopi exclusive) is compatible with water treatment by salt electrolysis. The plates are embossed which helps prevent the phenomena of laminar flow, and hence significantly increases the heat exchange capacity.

The heat pumps are wired in via a leaktight connection box.

The ABS casing is UV stable and houses the thermostat, the connection box, the heat exchanger, the flow controller, the sensors, the control and communication cards.



Golden Trophy 2013
Innovation category



Titanium exchanger



ICHILL thermostat



PERFORMANCE DATA - BWT M.P.I.

Family 5 330

	MPI 100 M	MPI 160 M	MPI 190 M	MPI 190 T	MPI 240 M	MPI 240 T	MPI 320 T	MPI 380 T
Recommended pool size	≤ 65 m ³	≤ 110 m ³	≤ 130 m ³	≤ 130 m ³	≤ 165 m ³	≤ 165 m ³	≤ 210 m ³	≤ 250 m ³
Performance : Air 26°C / Water 26°C / Humidity 80 %								
Heating power at high speed	16.2 kW	26 kW	31.4 kW	31.4 kW	39 kW	39 kW	50 kW	59 kW
COP at high speed	8.3	7.0	7.2	7.2	6.9	6.9	8.3	7.8
COP at low speed	10.1	9.8	8.3	8.3	8.1	8.1	10.7	10.2
Performance : Air 15°C / Water 26°C / Humidity 70 %								
Heating power at high speed	10.6 kW	17 kW	20.2 kW	20.2 kW	25.5 kW	25.5 kW	33 kW	39 kW
COP at high speed	5.7	5.4	5.2	5.2	4.8	4.8	4.7	4.6
COP at low speed	8.5	8.1	7.7	7.7	7.2	7.2	7.0	6.8
Acoustic pressure at 10 m at full speed	35 dB(A)	40 dB(A)	40 dB(A)	40 dB(A)	43 dB(A)	43 dB(A)	47 dB(A)	47 dB(A)
Acoustic pressure at 10 m at low speed	24 dB(A)	29 dB(A)	27 dB(A)	27 dB(A)	30 dB(A)	30 dB(A)	34 dB(A)	34 dB(A)
Performance : Air 35°C / Water 28°C / Humidity 70 %								
Cooling power at high speed	5.7 kW	13 kW	19.5 kW	19.5 kW	20.25 kW	20.25 kW	35.2 kW	36.5 kW
Technical data								
Operating temperature range	from -15°C to 46°C							
Recommended water flow rate	4-5 m ³ /h	4-6 m ³ /h	5-7 m ³ /h	5-7 m ³ /h	8-10 m ³ /h	8-10 m ³ /h	10-12 m ³ /h	12-14 m ³ /h
Hydraulic connections	PVC Ø50 mm female. solvent							
Power supply	230 V 1ph	230 V 1ph	230 V 1ph	400 V 3ph	230 V 1ph	400 V 3ph	400 V 3ph	400 V 3ph
Maximum current consumed	13 A	19 A	29.5 A	13 A	29.5 A	13 A	19 A	21 A
Power cable cross section	3×2.5 mm ²	3×4 mm ²	3×6 mm ²	5×2.5 mm ²	3×6 mm ²	5×2.5 mm ²	5×6 mm ²	5×6 mm ²
Electrical protection	16 A	25 A	32 A	16 A	32 A	16 A	32 A	32 A
Heat exchanger type	Titanium helical plates							
Compressor type	Scroll Inverter							
Refrigerant gas	R 410 A							
Quantity of refrigerant gas	2.1 kg	3.2 kg	4.6 kg	4.6 kg	4.6 kg	4.6 kg	7.1 kg	7.7 kg
Number of fans	1	1	2	2	2	2	2	2
Air flow rate at high speed	2700 m ³ /h	3300 m ³ /h	6000 m ³ /h	8400 m ³ /h	8400 m ³ /h			
Cabinet type	Painted galvanised sheet metal							
Dimensions L x W x H (mm)	995×495×600	1150×360×950	1250×360×1350	1250×360×1350	1250×360×1350	1250×360×1350	1250×360×1340	1250×360×1340
Weight	49 kg	82 kg	125 kg	125 kg	137 kg	137 kg	142 kg	148 kg
Code	11010000	11014000	11020000	11020100	11026000	11026100	11032100	11038100

NF Reminder of the standards:

The AFNOR ACP 90-327 agreement and the test standard drawn up by CERTITA, in the context of NF Pool-heat pump certification, recommend communication of the heating capacity at an outdoor temperature of 15°C.



*Values quoted for the following operating conditions: Outside air temperature 15°C, water temperature 26°C, use of an isothermal cover at night, filtration system running 15 hours a day, heating season: May 1st until September 15th in the northern hemisphere. If the operating conditions are different, perform a heating study on procoshop.com to correctly size the heat pump. Selecting the right heat pump is a complicated process, many factors need to be taken into consideration (location, period of use, desired temperature, etc.). To correctly size your heat pump, carry out a heating study on www.procoshop.com

BWT MITSUBISHI HEAT PUMPS

BWT MITSUBISHI ZUBADAN - M.Z.I. **PRO EXCLUSIVE**



Family 5 330



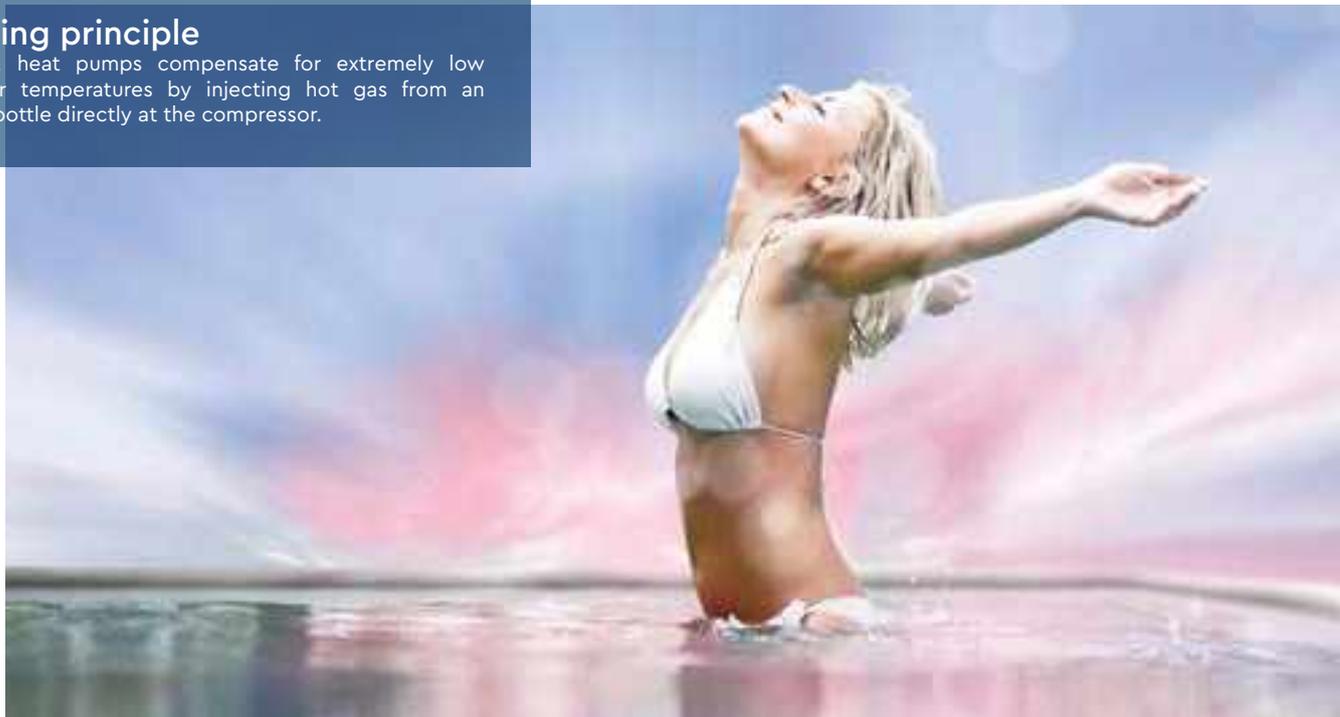
- Improved heat pump and COP (coefficient of performance).
- Reversible machine, may be used to cool the pool,
- The pool water temperature, set point and heat or cool operating mode are displayed on the thermostat.
- Automatic defrosting by cycle inversion, the heat pump runs at temperatures down to -15°C.

BWT Mitsubishi Zubadan Inverter (M.Z.I.) heat pumps share many of the characteristics of the BWT M.P.I. heat pump. However, an M.Z.I. heat pump can maintain 80% of its heating capacity even when the outdoor ground temperature is far below zero. BWT M.Z.I. heat pumps are real all season machines specifically intended for indoor pools that are used year round and that require a constant nominal heating power.

Operating principle
BWT M.Z.I. heat pumps compensate for extremely low outdoor air temperatures by injecting hot gas from an additional bottle directly at the compressor.

HEAT PUMP TYPE			
Outdoor temperature	On/Off	Power Inverter (MPI)	Zubadan (MZI)
15°C	100%	100%	100%
12°C	91%	94%	94%
7°C	79%	82%	84%
-7°C	-	58%	81%
-10°C	-	52%	77%
-15°C	-	44%	71%

The table above summarises the % heating capacity of the various air/ water swimming pool heat pumps at a range of outdoor air temperatures.



i The vibration damping pads are not included.

	MZI 190 M	MZI 190 T	MZI 320 T
Recommended pool size	≤ 130 m ³	≤ 130 m ³	≤ 210 m ³
Performance : Air 26°C / Water 26°C / Humidity 80 %			
Heating power at high speed	31.4 kW	31.4 kW	50 kW
COP at high speed	6.8	6.8	4.6
COP at low speed	8.2	8.2	7.3
Performance : Air 15°C / Water 26°C / Humidity 70 %			
Heating power at high speed	20.2 kW	20.2 kW	33 kW
COP at high speed	5.2	5.2	4.7
COP at low speed	6.5	6.5	5.8
Acoustic pressure at 10 m at full speed	42 dB(A)	42 dB(A)	47 dB(A)
Acoustic pressure at 10 m at low speed	31 dB(A)	31 dB(A)	35 dB(A)
Performance : Air 35°C / Water 28°C / Humidity 70 %			
Cooling power at high speed	19.5 kW	19.5 kW	35.2 kW
Technical data			
Operating temperature range	-15°C at 46°C		
Recommended water flow rate	5-7 m ³ /h	5-7 m ³ /h	10-12 m ³ /h
Hydraulic connections	PVC Ø50 mm female, solvent		
Power supply	230 V 1ph	400 V 3ph	400 V 3ph
Maximum current consumed	35 A	13 A	26 A
Power cable cross section	3×10 mm ²	5×2.5 mm ²	5×6 mm ²
Electrical protection	40 A	16 A	32 A
Heat exchanger type	Titanium helical plates		
Compressor type	Scroll Inverter		
Refrigerant gas	R 410A		
Quantity of refrigerant gas	5.5 kg	5.5 kg	7.1 kg
Number of fans	2	2	2
Air flow rate at high speed	6000 m ³ /h	6000 m ³ /h	8400 m ³ /h
Cabinet type	Painted galvanised sheet metal		
Dimensions L x P x H	1250×360×1350 mm	1250×360×1350 mm	1250×360×1340 mm
Weight	127 kg	141 kg	155 kg
Code	11020005	11020105	11030105

NF Reminder of the standards:

The AFNOR ACP 90-327 agreement and the test standard drawn up by CERTITA, in the context of NF Pool-heat pump certification, recommend communication of the heating capacity at an outdoor temperature of 15°C.



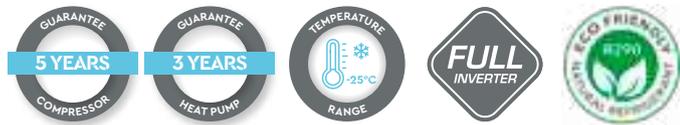
Selecting the right heat pump is a complicated process, many factors need to be taken into consideration (location, period of use, desired temperature, etc.). To correctly size your heat pump, carry out a heating study on www.procoshop.com.

* Values quoted for the following operating conditions: Outside air temperature 15°C, water temperature 26°C, use of an isothermal cover at night, filtration system running 15 hours a day, heating season: May 1st until September 15th in the northern hemisphere. If the operating conditions are different, perform a heating study on procoshop.com to correctly size the heat pump.

BWT FI CONNECT EF PRO EXCLUSIVE



- An environmentally friendly gas: R290 is the refrigerant of the future for swimming pool heat pumps. It does not contribute to global warming.
- Connected, user friendly: the large touch screen gives the user the feel of a Smart phone. IPS liquid crystal technology provides more intense colours and a more dynamic display. WIFI connectivity allows EVERY parameter to be controlled remotely using the BWT Home app. The same app that can be used to control most BWT devices: Pearl Connect, Pearl Water Manager, P600, Cosmy 200 and 250 robotic pool cleaners, water softeners, etc.
- Secure : the machine is closely monitored by BWT Pool experts, who, as soon as they receive an alert, can recommend an action or an adjustment directly to the end user. You can stay focused on your constructions and installations.
- A short range for 80% of pools: four machines cover 80% of customers' needs!



FI CONNECT EF from BWT is one of the most efficient heat pumps available on the market.

Full Inverter technology adapts the machine's operation to closely match the heating demand generated by the combination of the water temperature, the outdoor temperature and the setpoint temperature. Based on learning during previous cycles, it intelligently adjusts the speed of the compressor and optimises its operation.

This means that your heat pump will always run at the optimum speed to reduce its noise level, increase its heating power and ensure a more pleasant bathing experience for the least energetic cost.

BWT's expertise working for the environment and your peace of mind



FEATURES



Remote control

By connecting the machine to your home's WiFi network, you can easily control your heat pump : select the operating mode, the water setpoint temperature and the operating time periods.



Peace of mind

BWT Pool's teams monitor your machine. In the event of a malfunction of your device or installation, they receive alerts. These messages are analysed by our experts who then send you their recommendations. Your machine is under control and you can enjoy your pool at the temperature you want whatever the circumstance.

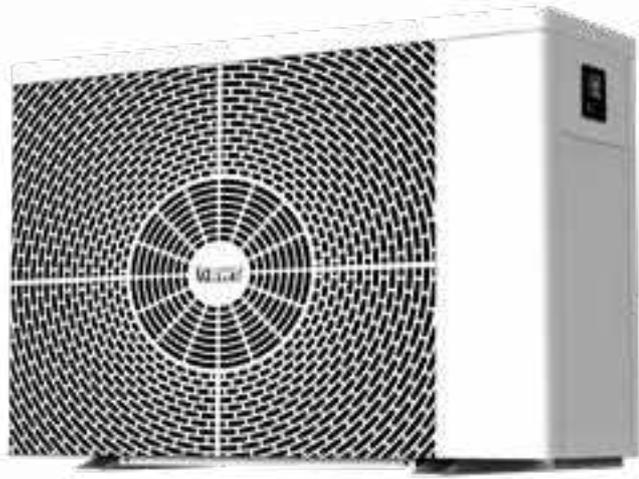


R290 gas is special in that it does not contribute to global warming. Its GWP (Global Warming Potential) is 3 compared to 675 for R32. This means you can heat your pool without heating the planet.

TECHNICAL DATA

		BWT FI 55 R-290	BWT FI 65 R-290	BWT FI 85 R-290	BWT FI 105 R-290
Recommended pool volume		45-55 m ³	55-70m ³	70-85 m ³	85-105 m ³
Performance:					
Heating power in Boost mode (kW)	Air 28°C Water 28°C 80% HR	10.4 kW	13.4 kW	14.8 kW	20.5 kW
COP in mode Boost		6.9		5.9	
Heating power in SMART mode (kW)		10.4 ~ 3.1 kW	13.4 ~ 5.4 kW	14.8 ~ 6.5 kW	20.5 ~ 8.2 kW
COP in SMART mode		10.4 ~ 6.9	10.3 ~ 6.9	9.9 ~ 5.8	10.1 ~ 5.9
Heating power in ECO-Silence mode (kW)		6.6 ~ 3.1 kW	8.1 ~ 5.4 kW	9.8 ~ 6.5 kW	11.2 ~ 8.2 kW
COP in ECO-Silence mode (kW)		10.4 ~ 8.1	10.3 ~ 7.8	9.9 ~ 8.1	10.1 ~ 7.9
Heating power in Boost mode (kW)	Air 15°C Water 26°C 70% HR	7.9 kW	10.2 kW	12.1 Kw	14.8 kW
COP in mode Boost		5.6	5.3	5.2	5.0
Heating power in SMART mode (kW)		7.9 ~ 2.8 kW	10.2 ~ 4.5 kW	12.1 ~ 5.0 kW	14.8 ~ 8.1 kW
COP in SMART mode		7.4 ~ 5.6	7.9 ~ 5.6	7.2 ~ 5	7.4 ~ 5.2
Heating power in ECO-Silence mode (kW)		4.9 ~ 2.8 kW	6.6 ~ 4.5 kW	7.2 ~ 5.0 kW	10.8 ~ 8.1 kW
COP in ECO-Silence mode (kW)		7.4 ~ 5.1	7.9 ~ 6.1	7.2 ~ 5	7.4 ~ 5.2
Power output in Boost mode (kW)	Air -7°C Water 26°C	4.4 kW	5.4 kW	6.0 kW	8.1 kW
COP in Boost mode		3.3	3.4	3.2	3.2
Power output in Boost mode (kW)	Air -15°C Water 26°C	3.4 kW	4.0 kW	4.8 kW	6.9 kW
COP in Boost mode		2.8	2.5	2.3	2.5
Power output in Boost mode (kW)	Air -25°C Water 26°C	2.8 kW	3.2 kW	3.7 kW	5.6 kW
COP mode Boost		1.9		1.7	1.8
Noise level, Silent mode (at 10m)		22 ~ 26 dB(a)	25 ~ 30 dB(a)		26 ~ 32 dB(a)
Operating temperature range		-25 °C > 38 °C			
Components					
Compressor type		2D Full DC Inverter			
Expansion valve		Electronic			
Heat exchanger		Twisted Titanium			
Installation					
Hydraulic connections		1.5" / 50 mm			
Power supply		230V /1 ~+N / 50 Hz			
Water flow rate		4 m ³ /h	5 m ³ /h	6 m ³ /h	
Code		125575511	125575512	125575513	125575514





i  BWT Inverter Horizontal heat pump guarantees and performance data are certified by the TÜV Rheinland



Twisted, titanium coil fitted in the heat exchanger

i Vibration damping pads are included.

i **A ceramic coating to ensure that your heat pump keeps its looks.** BWT heat pumps are coated with an additional, protective ceramic coating. Water-repellent and UV stable, it prevents oxidation and staining by dirt or chemicals. Well protected, BWT heat pumps are easy to clean, and remain gleaming, smooth and beautiful for a very long time.

TOUCH SCREEN CONTROL PAD FOR BWT INVERTER HORIZONTAL HEAT PUMPS

Inlet and outlet temperature

Heating power (% of full power)

Smart / Silence mode

Unlock | AutoHeat | Cooling

Parameter setting

WiFi MODULE FOR FOR BWT INVERTER HORIZONTAL HEAT PUMPS

1. Access the support service in one click
2. Real time monitoring of your data
3. Wherever you are, whatever the time, you have control



i The WiFi module is included as standard BWT Inverter horizontal heat pumps.

! Caution, to use the WiFi module, the heat pump must be installed in a zone with WiFi coverage.

On | Off

Heating power

Temperature setting

Setting of the various modes

Heat | Cool

Timer

Comprehensive range

The BWT Inverter Horizontal range offers a selection of models to suit pools of all types and sizes.

Inverter system

BWT Inverter horizontal heat pumps automatically adjust their compressor speed to adapt to the operating mode and outdoor temperature. There is no need for any intervention by the user.

Reversible heat pumps

BWT Inverter horizontal heat pumps are reversible as standard, they can be used to heat or cool the pool water.

This feature is particularly appreciated in very hot regions where it can be used to hold swimming pool water at a comfortable temperature or even to lower or maintain the water temperature in aquaculture tanks used to rear and store fish.

Silence

Conventional On/Off heat pumps generate a constant sound power, even when water temperature is around the set point.

On the other hand, BWT Inverter horizontal heat pump compressors slow significantly around the set point so that they run much more quietly than a conventional On/Off machine

This is particularly important when the heat pump when the heat pump is installed close to neighbouring properties.

Installers should take regulations governing neighbourhood noise reduction in effect in the country of installation into consideration

Start-up overcurrents

BWT Inverter horizontal heat pumps feature acceleration ramps that exploit frequency variation technology to avoid overcurrents on start-up along with their inherent negative impact on electrical and electronic devices in the home.

Completely automated

BWT Inverter horizontal heat pumps are designed to be easy to install and simple to maintain.

Aluminium cabinet

A modern and innovative design in aluminium, completely resistant to corrosion over time.

Systematic quality control

To guarantee complete reliability, all BWT Inverter horizontal heat pumps are tested before being shipped.

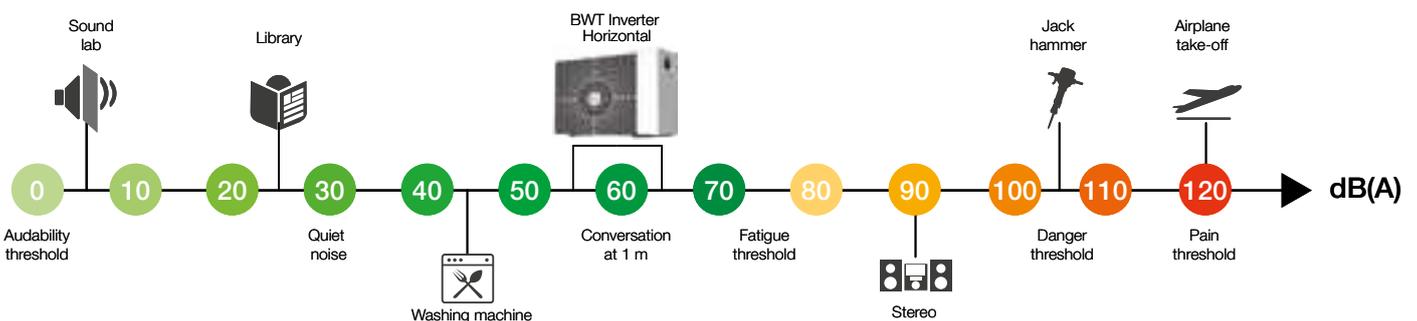
Equipment

BWT Inverter horizontal heat pumps are delivered with a winter jacket.

Guarantees

BWT Inverter horizontal heat pump titanium exchangers are covered by a lifetime guarantee, the compressor is covered by a ten year guarantee.

Repairs made under this guarantee are carried out on site.



The scale above compare the acoustic power level of BWT Inverter horizontal with every events.



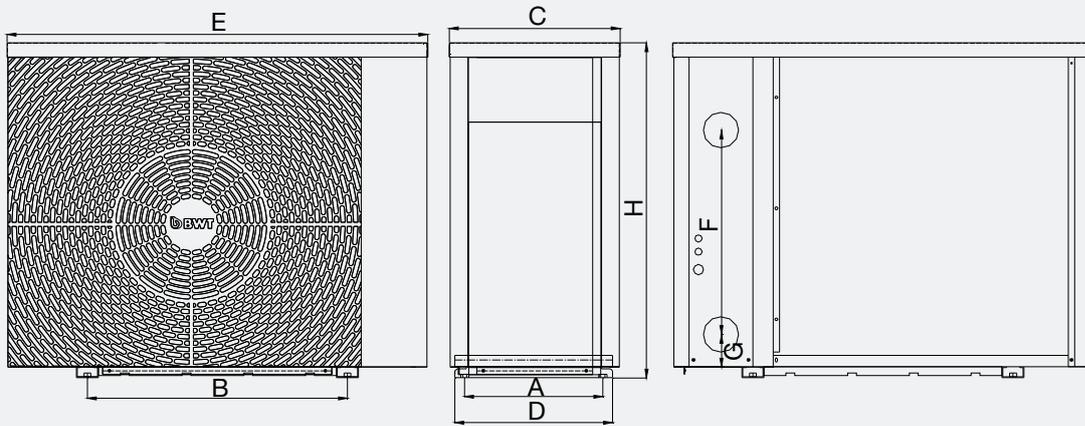
The R32 refrigerant offers numerous advantages:

- It outperforms the R410A refrigerant by 5% to 10%
- Requires less fluid for an identical output power (20 to 30% less fluid compared to R410A)
- It is more environmentally friendly. R32 has a Global Warming Potential

(GWP- indicates the impact a fluid has on global warming) of 675, compared to 2088 for R410A.

- Given its low GWP, leaktightness tests are only mandatory for loads greater than 7.2 kg (compared to 2.82 kg for R410C and 2.39 kg for R410A)
- R32 is totally pure and therefore, very easy to recycle.

DIMENSIONS



	A	B	C	D	E	F	G	H
HI-HC 66	334	590	318	359	894	250	74	648
HI-HC 85	334	590	318	359	894	250	74	648
HI-HC 106	334	590	318	359	894	280	74	648
HI-HC 132	334	590	318	359	954	340	74	648
HI-HC 150	334	590	318	359	954	340	74	648
HI-HC 177	404	590	388	429	954	390	74	648
HI-HC 204	404	590	388	429	954	460	74	755
HI-HC 273	404	720	388	429	1084	620	74	948
HI-HC 270	404	720	388	429	1084	620	74	948
HI-HC 358	514	790	498	539	1154	650	74	948

TECHNICAL DATA - BWT INVERTER HORIZONTAL

Family 5 355

	HI-HC 66	HI-HC 85	HI-HC 106	HI-HC 132	HI-HC 150	HI-HC 177	HI-HC 204	HI-HC 273	HI-HC 270	HI-HC 358
Recommended pool size	≤ 30 m ³	≤ 40 m ³	≤ 45 m ³	≤ 55 m ³	≤ 65 m ³	≤ 75 m ³	≤ 90 m ³	≤ 115 m ³	≤ 115 m ³	≤ 160 m ³
Performance : Air 26°C / Water 26°C / Humidity 80 %										
Heating power at high speed	6.6 kW	8.5 kW	10.6 kW	13.2 kW	15 kW	17.7 kW	20.4 kW	27.3 kW	27 kW	35.8 kW
COP at high speed	6.0	7.4	7.4	7.3	6.7	6.2	6.0	6.5	6.5	5.8
COP at low speed	14.7	14.8	15.0	15.4	15.5	15.8	15.3	15.4	15.3	15.6
Performance : Air 15°C / Water 26°C / Humidity 70 %										
Heating power at high speed	5 kW	6.2 kW	7.5 kW	9 kW	10.5 kW	12 kW	14 kW	18 kW	18 kW	24.5 kW
COP at high speed	4.5	5.0	4.8	4.8	4.6	4.5	4.4	4.8	4.8	4.7
COP at low speed	7.3	7.4	7.7	7.7	7.8	7.8	7.7	8.1	8.1	8.0
Acoustic pressure at 10 m at full speed	27.2 dB(A)	28.2 dB(A)	29.9 dB(A)	30.7 dB(A)	35 dB(A)	33.8 dB(A)	24.2 dB(A)	34.9 dB(A)	34.9 dB(A)	34.7 dB(A)
Acoustic pressure at 10 m at LOW speed	17.8 dB(A)	18.8 dB(A)	18.6 dB(A)	22.1 dB(A)	21.3 dB(A)	23.1 dB(A)	20.9 dB(A)	23.5 dB(A)	23.5 dB(A)	22.6 dB(A)
Performance : Air 35°C / Water 28°C / Humidity 70 %										
Cooling power at high speed	3 kW	4 kW	4.5 kW	5.5 kW	6.8 kW	7.7 kW	9.8 kW	12.1 kW	12.1 kW	16.4 kW
Technical data										
Operating temperature range	-10°C to 43°C									
Recommended water flow rate	2-4 m ³ /h	2-4 m ³ /h	3-4 m ³ /h	4-6 m ³ /h	5-7 m ³ /h	6.5-8.5 m ³ /h	8-10 m ³ /h	10-12 m ³ /h	10-12 m ³ /h	10-18 m ³ /h
Hydraulic connections	PVC Ø50 mm female. solvent									
Power supply	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	400 V 3ph	400 V 3ph
Maximum current consumed	6.5 A	7.5 A	8.5 A	10.5 A	11 A	13 A	17 A	20 A	7 A	9.5 A
Power cable cross section	3×1.5 mm ²	3×1.5 mm ²	3×2.5 mm ²	3×2.5 mm ²	3×2.5 mm ²	3×2.5 mm ²	3×4 mm ²	3×6 mm ²	5×2.5 mm ²	5×2.5 mm ²
Electrical protection	8 A	9 A	10.5 A	13 A	13.5 A	16 A	21 A	24 A	9 A	12 A
Heat exchanger type	Twisted PVC coated Titanium coil									
Compressor type	Double rotating Full Inverter									
Refrigerant gas	R 32									
Quantity of refrigerant gas	5.5 kg	6.5 kg	7.5 kg	8 kg	9.5 kg	10 kg	12 kg	21 kg	21 kg	24 kg
Number of fans	1	1	1	1	1	1	1	1	1	1
Air flow rate at high speed	2800 m ³ /h	2800 m ³ /h	3000 m ³ /h	4000 m ³ /h	4500 m ³ /h	5000 m ³ /h	5600 m ³ /h	6800 m ³ /h	6800 m ³ /h	7800 m ³ /h
Cabinet type	Aluminium with a ceramic coating									
Dimensions L x W x H	894×349×648 mm	894×349×648 mm	894×349×648 mm	954×349×648 mm	954×349×648 mm	954×429×648 mm	954×429×755 mm	1048×429×948 mm	1048×429×948 mm	1154×539×948 mm
Weight	42 kg	45 kg	49 kg	50 kg	52 kg	63 kg	68 kg	90 kg	93 kg	120 kg
Code	125252276	125252277	125252278	125252279	125252280	125252281	125252282	125252283	125252284	125252285



Selecting the right heat pump is a complicated process, many factors need to be taken into consideration (location, period of use, desired temperature, etc.). To correctly size your heat pump, carry out a heating study on www.procoshop.com

* Values quoted for the following operating conditions: Outside air temperature 15°C, water temperature 26°C, use of an isothermal cover at night, filtration system running 15 hours a day, heating season: May 1st until September 15th in the northern hemisphere. If the operating conditions are different, perform a heating study on procoshop.com to correctly size the heat pump.

NF Reminder of the standards:

The AFNOR ACP 90-327 agreement and the test standard drawn up by CERTITA, in the context of NF Pool-heat pump certification, recommend communication of the heating capacity at an outdoor temperature of 15°C.



BWT Home



- Large TFT touch screen display for good legibility.
- Secured, remote monitoring for preventive maintenance.
- Remote troubleshooting by a professional
- Compatible with the BWT Inverter smart phone app.

BWT Pearl HPT expels exhaust air upwards; despite the power of the pump, you feel no air flow, warm or cold, from the sides of the machine. Coupled with this, it runs very silently. Very pleasant for you, whether swimming or lounging beside your pool, and good news for your neighbours.

BWT Pearl HPT is at the cutting edge of technology, with smartphone connectivity, an innovative design, a large touch screen control display, secured remote monitoring, remote troubleshooting and all weather defrosting system

*Powerful, silent,
a real pleasure*

FEATURES

Defrosting by cycle inversion:

Allows the pump to continue running at very low temperatures (down to -10°C). Cycle inversion melts ice built up on the evaporator, a lot faster and more efficient than other defrosting systems (Stopping the compressor, etc.).

Modern, corrosion proof design:

A modern, innovative design, made of corrosion-proof Aluminium that stands the test of time.



User friendly

A choice of 3 operating modes at a single touch. Alarm messages, diagnostics and troubleshooting, contact with a hotline. Access to an event log covering the last 50 days.



Touch screen

A large TFT touch screen offers excellent legibility: L 72 x H 68 mm, diagonal 10.5 cm, IPS panel resolution: 480x480.

It is protected by a layer of heat resistant tempered glass for maximum robustness. The protective transparent lid protects the screen from bad weather, dust and scratching. The screen and internal components are protected against damage.

TECHNICAL DATA

Model	BWT Pearl HPT 12	BWT Pearl HPT 15	BWT Pearl HPT 18	BWT Pearl HPT 20
Recommended pool volume (m ³)	45 × 55 m ³	55 × 70 m ³	70 × 85 m ³	85 × 105 m ³
Water temperature range (°C)				
Operating range (°C)	-10 ~ 38°C			
Performance				
Heating power in Boost mode (5kW)	12.8 kW	15.3 kW	18.2 kW	20.1 kW
COP in mode Boost	6.2	6.3	6.2	6.1
Heating power in SMART mode (kW)	12.8 ~ 3.5 kW	15.3 ~ 3.9 kW	18.2 ~ 4.2 kW	20.1 ~ 5.5 kW
COP in SMART mode	10.8 ~ 6.2	10.8 ~ 6.3	11.2 ~ 6.2	10.8 ~ 6.1
Heating power in ECO-Silence mode (kW)	3.5 kW	3.9 kW	4.2 kW	5.5 kW
COP in ECO-Silence mode (kW)	10.8		11.2	10.8
Heating power in Boost mode (kW)	9.1 kW	11 kW	12.7 kW	14.5 kW
COP in mode Boost	4.6	4.7	4.6	4.5
Heating power in SMART mode (kW)	9.1 ~ 3.9 kW	11.0 ~ 5.0 kW	12.7 ~ 7.1 kW	14.5 ~ 7.0 kW
COP in SMART mode	7.8 ~ 4.6	7.7 ~ 4.7	7.9 ~ 4.6	7.9 ~ 4.5
Heating power in ECO-Silence mode (kW)	3.9 kW	5.0 kW	7.1 kW	7.0 kW
COP in ECO-Silence mode (kW)	6.6	6.5	6.6	
Power supply	230 V / 1~+N / 50 Hz			
Maximum current consumed	7.9 A (14.0 A)	9.8 A (14.5 A)	11.5 A (17.0 A)	14.2 A (18.0 A)
Recommended flow rate	4 m ³ /h	5 m ³ /h		6 m ³ /h
Type of refrigerant gas	R32			
Inlet/ outlet diameter	1.5"/50 mm			
Dimensions	704 × 802 mm			
Package dimensions	770 × 770 × 1000 mm			
Net weight	45 kg	47 kg	55kg	57 kg
Gross weight	67 kg	68.5 kg	73.8 kg	74.4 kg
Acoustic pressure at 1 m dB(A)	44 ~ 54 dB(A)	47 ~ 57 dB(a)	48 ~ 58 dB(a)	49 ~ 59 dB(a)
Acoustic pressure at 10m dB(A)	24 ~ 34 dB(a)	27 ~ 37 dB(a)	28 ~ 38 dB(a)	29 ~ 38 dB(a)
Protection rating	IPX4			
Code	125575515	125575516	125575517	125575518



BWT Pearl HPT heat pumps with vertical exhausts are particularly recommended if the machine is to be installed closed to a wall, so any other obstacle, that would interfere with the exhaust air causing it to be recycled. BWT Pearl HPT heat pumps, with vertical exhaust, are also recommended if air exhausting laterally from the machine would bother bathers or neighbours.





BWT INVERTER CONNECT



- FULL INVERTER technology.
- Compatible with the BWT Inverter smart phone app.
- Metal cabinet with BWT design & User friendly display.

The **BWT Inverter Connect** heat pump automatically adjusts its power output to ensure the best COP and one of the lowest noise levels in its category!

The BWT Inverter Connect heat pump features an intelligent regulation system that adjusts the heat pump power as a function of both water temperature and the ambient temperature to ensure that the pool water is always at the perfect temperature, that the COP is high and that the noise level is low.

Technical data

- 5 models: 6.8kW, 8.9 kW, 12.5 kW, 14.2 kW, 18.2 kW,
- COP improved by 20 to 30 %,
- 3 intuitive modes: Max, Eco and Silent,
- 3 year guarantee, extended to 5 years if the heat pump is continually connected to WiFi and registered on the dedicated APP,
- Hydraulic unions, winterizing cover, silent Blocs, condensate drainage kit included.



CUSTOMISABLE FRONT PANEL AND LID COLOURS



There are three Inverter Connect heat pump front panel and lid colours to choose from. With a magnetic fastening system, they are easy to install.

Code	Description
125575773	White front panel and lid, Size M
125575774	Beige front panel and lid, Size M
125575775	Blue water front panel and lid, Size M
125575776	White front panel and lid, Size L
125575777	Beige front panel and lid, Size L
125575778	Blue water front panel and lid, Size L

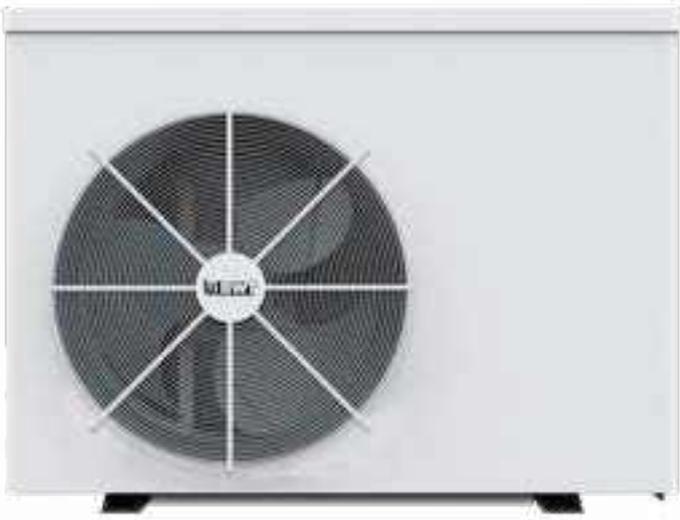
TECHNICAL DATA

	IC 68	IC 89	IC 125	IC 142	IC 182
Recommended pool size	≤ 35 m ³	≤ 45 m ³	≤ 60 m ³	≤ 75 m ³	≤ 95 m ³
Performance : Air 26°C / Water 26°C / Humidity 80 %					
Heating power at high speed	6.8 kW	8.9 kW	12.5 kW	13.9 kW	18.2 kW
COP at high speed	5.4	5.8	5.6	5.6	5.6
COP at low speed	10.5	10.2	10.0	10.1	10.2
Performance : Air 15°C / Water 26°C / Humidity 70 %					
Heating power at high speed	5.5 kW	7 kW	9.5 kW	12 kW	14.5 kW
COP at high speed	4.5	4.3	4.5	4.4	4.5
COP at low speed	6.6	6.4	6.6	6.6	6.6
Acoustic pressure at 10 m at full speed	26 dB(A)	28 dB(A)	32 dB(A)	33 dB(A)	34 dB(A)
Acoustic pressure at 10 m at low speed	24 dB(A)	20 dB(A)	26 dB(A)	28 dB(A)	28 dB(A)
Performance : Air 30°C / Water 30°C / Humidity 70 %					
Cooling power at high speed	4.5 kW	4.8 kW	6.6 kW	8.3 kW	9.1 kW
Technical data					
Operating temperature range	0°C to 38°C				
Recommended water flow rate	2.5 m ³ /h	3 m ³ /h	4 m ³ /h	5 m ³ /h	6 m ³ /h
Hydraulic connections	PVC Ø50 mm female. solvent				
Power supply	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph
Maximum current consumed	6.5 A	7.5 A	12 A	12.5 A	15.5 A
Power cable cross section	3×2.5 mm ²	3×2.5 mm ²	3×2.5 mm ²	3×4 mm ²	3×4 mm ²
Electrical protection	10 A	10 A	16 A	16 A	20 A
Heat exchanger type	Twisted, PVC coated, Titanium coil				
Compressor type	Double rotary Full Inverter				
Refrigerant gas	R 32				
Quantity of refrigerant gas	0.35 kg	0.4 kg	0.65 kg	0.7 kg	0.7 kg
Number of fans	1	1	1	1	1
Air flow rate at high speed	2200 m ³ /h	2200 m ³ /h	2300 m ³ /h	4100 m ³ /h	4100 m ³ /h
Cabinet type	Epoxy painted galvanised steel				
Front panel and lid size	M			L	
Dimensions L x W x H	843 × 334 x 605 mm	843 × 334 x 605 mm	843 × 334 x 605 mm	993 × 374 x 705 mm	993 × 374 x 705 mm
Weight	40 kg	43 kg	49 kg	54 kg	59 kg
Code	125505470	125505471	125505472	125505473	125505474



* Values quoted for the following operating conditions: Outside air temperature 15°C, water temperature 26°C, use of an isothermal cover at night, filtration system running 15 hours a day, heating season: May 1st until September 15th in the northern hemisphere. If the operating conditions are different, perform a heating study on procoshop.com to correctly size the heat pump.





-  **GMCC compressor.**
- Titanium heat exchanger.**
- Magnetic flow switch, allows complete isolation of the water from electricity.**



Technical data:

- All the Copper tubes in the heat pump are silver welded. This welding technique prevents risks associated with gas leaks,
- "Blue Fin" treated evaporator,
- Invisible stainless steel screws,
- Elegant small size, small footprint,
- Runs silently (Inverter technology),
- Simple to install, easy to maintain.

INVERTER SYSTEM:

The BWT myPOOL Inverter heat pump compressor runs at between 20% and 100% of its capacity depending on the operating conditions and the outdoor temperature.

The BWT myPool Inverter heat pump captures heat calories from the air and transfers them to your pool water.

At the beginning of the pool season, when the heating demand is high, the Inverter compressor and the fan run at high speed (around 100%). As the pool water temperature approaches the set point, the Inverter compressor reduces its heating capacity and runs at lower speeds. This operating mode generates significant energy savings.

MAIN ADVANTAGES:

Runs at air temperatures between 0 to 43°C (depending on the relative humidity) and so prolongs your pool season. Inverter heat pumps have an average COP of 9 under the following operating conditions: Air 26°C, Water 15°C, Humidity 80%*.

DIGITAL REGULATOR:

The high and low pressure limiters, the flow switch, the cycle inversion defrosting system and the 5 temperature sensors are all controlled by a digital regulator to optimise protection of the heat pump and to ensure precise control of the pool water temperature.

CABINET:

The BWT myPool Inverter heat pump cabinet is made of galvanised steel coated with a protective polymer. This protective, corrosion-proof polymer coating is longer lasting and more efficient.

Code	Description
125252269	BWT myPOOL Inverter 50 heat pump
125252271	BWT myPOOL Inverter 62 heat pump
125252272	BWT myPOOL Inverter 80 heat pump
125252273	BWT myPOOL Inverter 96 heat pump
125252274	BWT myPOOL Inverter 125 heat pump
125252275	BWT myPOOL Inverter 165 heat pump
7850060	RC38, 45 or 50 by-pass for BWT myPOOL Inverter heat pump

TECHNICAL DATA MyPOOL

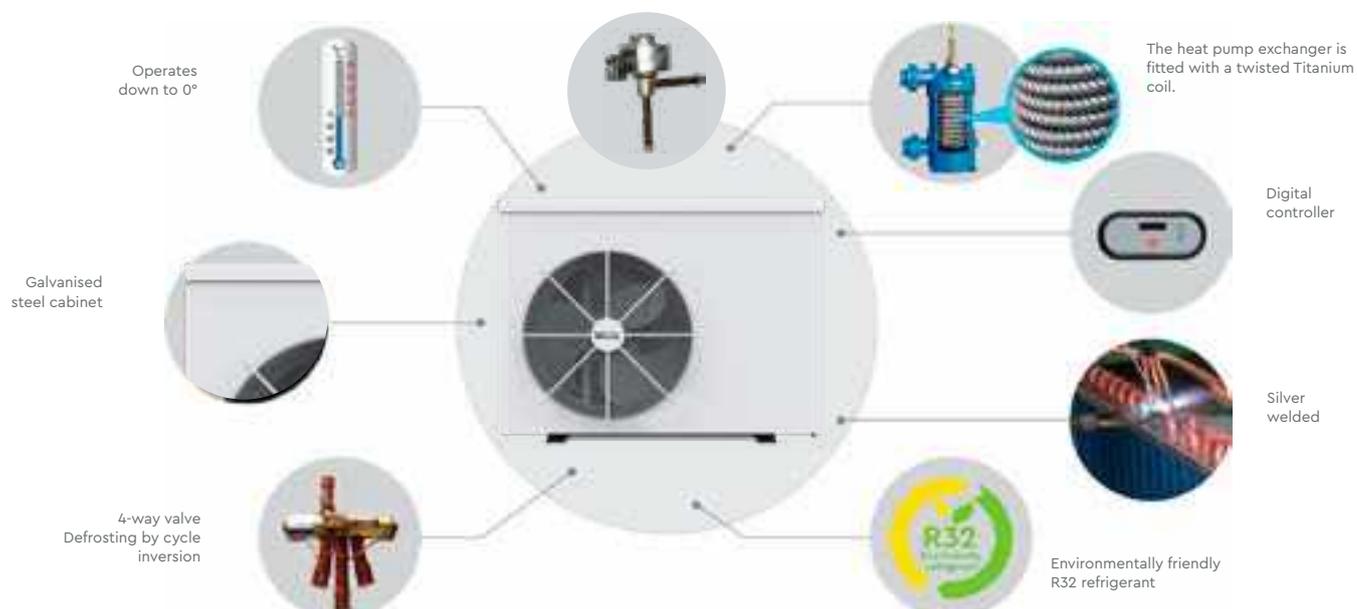
	MP-IPH 50	MP-IPH 62	MP-IPH 80	MP-IPH 96	MP-IPH 125	MP-IPH 165
Recommended pool size	≤ 25 m ³	≤ 30 m ³	≤ 40 m ³	≤ 45 m ³	≤ 55 m ³	≤ 75 m ³
Performance : Air 26°C / Water 26°C / Humidity 80 %						
Heating power at high speed	5 kW	6.2 kW	8 kW	9.6 kW	12.5 kW	16.5 kW
COP at high speed	5.8	5.9	5.6	5.7	5.9	5.7
COP at low speed	9.4	9.5	9.1	9.5	10.5	10.0
Performance : Air 15°C / Water 26°C / Humidity 70 %						
Heating power at high speed	4 kW	4.8 kW	6 kW	7.3 kW	9 kW	12 kW
COP at high speed	4.3	4.4	4.1	4.3	4.2	4.2
COP at low speed	5.9	5.9	5.9	6.0	5.9	6.0
Acoustic pressure at 10 m at full speed	30.1 dB(A)	30.2 dB(A)	31.1 dB(A)	32.5 dB(A)	33 dB(A)	36.3 dB(A)
Acoustic pressure at 10 m at low speed	18.5 dB(A)	18.8 dB(A)	20.8 dB(A)	20.6 dB(A)	22.9 dB(A)	25.2 dB(A)
Performance : Air 35°C / Water 28°C / Humidity 70 %						
Cooling power at high speed	No cooling mode					
Technical data						
Operating temperature range	0°C to 43°C					
Recommended water flow rate	2-4 m ³ /h	2-4 m ³ /h	2-4 m ³ /h	3-4 m ³ /h	4-6 m ³ /h	6-8 m ³ /h
Hydraulic connections	PVC Ø50 mm female. solvent					
Power supply	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph	230 V 1ph
Maximum current consumed	6.5 A	6.5 A	8 A	9.5 A	12.5 A	17 A
Power cable cross section	3×1.5 mm ²	3×1.5 mm ²	3×1.5 mm ²	3×2.5 mm ²	3×2.5 mm ²	3×4 mm ²
Electrical protection	8 A	8 A	9.5 A	11.5 A	15 A	20.5 A
Heat exchanger type	Twisted, PVC coated, Titanium coil					
Compressor type	Double rotary Inverter					
Refrigerant gas	R 32					
Quantity of refrigerant gas	5.5 kg	5.5 kg	6 kg	8 kg	9 kg	11 kg
Number of fans	1	1	1	1	1	1
Air flow rate at high speed	2000 m ³ /h	2000 m ³ /h	2800 m ³ /h	2800 m ³ /h	3500 m ³ /h	5000 m ³ /h
Cabinet type	Galvanised steel with a protective polymer coating					
Dimensions L x P x H (mm)	744×359×648	744×359×648	864×359×648	864×359×648	864×359×648	954×359×648
Weight	42 kg	42 kg	46 kg	47 kg	49 kg	60 kg
Code	125252269	125252271	125252272	125252273	125252274	125252275



* Values quoted for the following operating conditions: Outside air temperature 15°C, water temperature 26°C, use of an isothermal cover at night, filtration system running 15 hours a day, heating season: May 1st until September 15th in the northern hemisphere. If the operating conditions are different, perform a heating study on procoshop.com to correctly size the heat pump.

INVERTER TECHNOLOGY TO ENHANCE YOUR COMFORT

Family 5359



BWT MINI MyPOOL



- Ultra small footprint.
- Ideal for small above ground pools and wooden pools.
- Easy to install.
- Light and easy to transport.
- Very simple connection to all filtration systems.
- Plugs into a conventional outlet.
- Simple and intuitive parameter setting via an LCD electronic controller.

Technical data:

- Mini heat pump with stainless steel cabinet,
- The ideal solutions for above-ground spas and pools, 2 to 20 m³,
- Compact dimensions: 42 × 32 × 35 cm,
- Refrigerant gas R32,
- Complies with EC standards,
- Operating range from 9° C to 38° C,
- Multiple protections, safe operation .

The compact solution

**TO HEAT
SMALL POOLS**



Model		BWT MINI 15
Recommended pool volume (m ³)		10 – 20 m ³
Water temperature range (°C)		15 ~ 34°C
Operating range (°C)		9 ~ 38°C
Heating power (kW)	Air 26°C,	3.3
C.O.P.	Water 26°C	5.37
Heating power (kW)	Air 15°C,	2.2
C.O.P.	Water 26°C	4.55
Power supply		230V/1 ph/50Hz
Maximum current consumed		4.1
Recommended flow rate		1.5
Refrigerant gas		R32/KG
Inlet/ outlet diameter		1"
Dimensions		420 * 320 * 350
Packaging dimensions		-
Net weight		23
Gross weight		28
Acoustic pressure at 1m dB(A)		57
Acoustic pressure at 10m dB(A)		43
Protection rating		IPX4
Code		125575519

BWT MINI CONNECT MyPOOL



- + PRODUCT**
- Ultra small footprint.
 - Ideal for small above ground pools and wooden pools.
 - Easy to install.
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 - Very simple connection to all filtration systems.
 - Plugs into a conventional outlet.
 - Simple and intuitive parameter setting via an LCD electronic controller.

Technical data:

- Mini heat pump with stainless steel cabinet,
- The ideal solutions from above-ground spas and pools, 2 to 20 m³,
- Compact dimensions: 42 × 32 × 35 cm,
- Refrigerant gas R32,
- Complies with EC standards,
- Operating range from 9° C to 38° C,
- Multiple protections, safe operation..



The connected compact solution

Model	BWT Mini Connect 15	BWT Mini Connect 25	BWT Mini Connect 35	
Recommended pool volume (m ³)	10 – 20 m ³	15 – 25 m ³	20 – 30 m ³	
Water temperature range (°C)	15 ~ 34°C			
Operating range (°C)	-0 ~ 38°C			
Heating power (kW)	Air 26°C, Water 26°C	3,3	4,2	5,13
C.O.P.		5.37	5.26	5.32
Capacity (kW)	Air 15°C, Water 26°C	2,2	3,1	4,1
C.O.P		4.55	4.52	4.53
Power supply	230V/1 ph/50Hz			
Maximum current consumed	4.1	5.5	7	
Recommended flow rate	1.5	2		
Refrigerant gas	R32/kg			
Inlet/ outlet diameter	1"			
Dimensions	430 × 290 × 375 mm		450 × 307 × 395 mm	
Packaging dimensions	500 × 320 × 410 mm		520 × 340 × 440 mm	
Net weight	23	28	32	
Gross weight	28	33	37	
Acoustic pressure at 1m dB(A)	57	55	58	
Acoustic pressure at 10m dB(A)	43	42	45	
Protection rating	IPX4			
Code	125575520	125575521	125575522	

Fairland dehumidifiers are designed to treat, and contribute to the heating of, the air above indoor pools.

Fairland dehumidifiers can also be used to treat the air in rooms prone to dampness (cellars, bathrooms, kitchens, etc.), gym halls and museums.

All the data listed below was certified by the TÜV, in accordance with the test protocol EN 810 :1997 that stipulates an air temperature of 30°C and a relative humidity of 70%.

Test reports for Fairland dehumidifiers issued by the TÜV Rheinland are available for download from our internet site.

Technical data:

- HP Booster technology, similar to Pioneer heat pumps,
- Refrigerant : R 410/A, which is superior to R 407/C with better performance data,
- Free-standing or wall mounted console,
- Hygro-thermostat enclosed, for self assembly,
- ABS casing, thermoformed,
- Pleasing design,
- Optional heater battery available, for assembly by the client,
- Runs silently..



A dehumidifier sizing study, drawn up based on a detailed diagram of the pool and the room to be dehumidified, must be carried out by the Design Office before ordering a console dehumidifier.

Technical data

Model	DH-60	DH-90**	DH-120**
Dehumidification capacity (litres/ 24 hours*)	60	93	120
Dehumidification capacity (litres/ hour*)	2.50	3.90	5.00
Dehumidification Efficiency Ratio (DER)	2.40	2.31	2.49
Heat generated (kW)	2.80	4.20	5.50
Air flow rate (m ³ /H)	800	1 000	1 200
Electrical heating battery (option) (kW)	2	3	3
Electrical power consumed (kW)	1	1.7	2
Nominal current absorbed (A)	4.58	7.83	9.15
Power supply (Volts/ Frequency)	230 V. / 50 Hz		
Operating temperature range (°C)	10 to 38		
Acoustic power (dB(A))	61.50	62.80	62.80
Acoustic pressure at 5 meters (dB(A))	39.50	40.80	40.80
Dimensions (L x W x H) (mm)	855×242× 848	1155×280×848	1155×280×848
Net weight/ gross weight (Kg)	53/68	70/86	75/91

(*): According to the test protocol EN 810 :1997, that is Air temperature of 30°C and HR of 70%.

(**): FairlBand DH-90 and DH-120 dehumidifiers have the same type of casing.

Code	Description
9494000	Fairland DH-60 dehumidifier, 60 litres/24 hours
9495000	Fairland DH-90 dehumidifier, 93 litres/24 hours
9497000	Fairland DH-120 dehumidifier, 120 litres/24 hours
Options	
9494050	2kW heating element, for Fairland DH-60 dehumidifier*
9495050	3kW heating element, for Fairland DH-90 and DH-120 dehumidifier*

* To be mounted by the installer

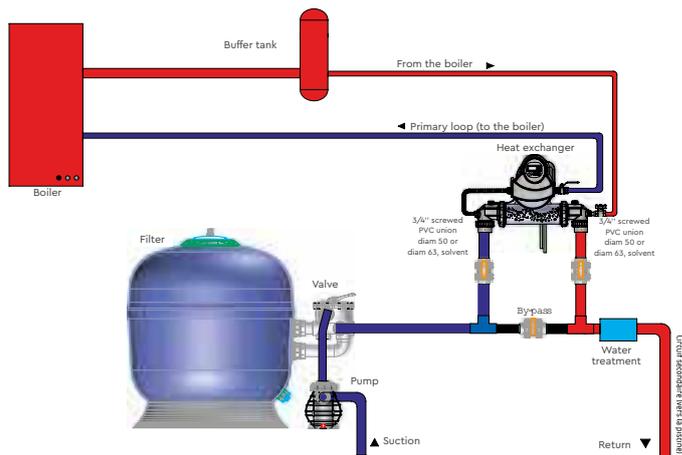


**BWT expertise working
for the environment and
your peace of mind**

HEATING &
DEHUMIDIFICATION



Preassembled heat exchanger, titanium



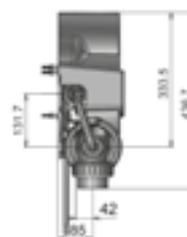
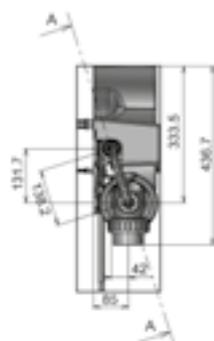
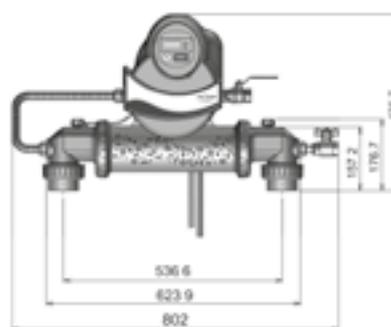
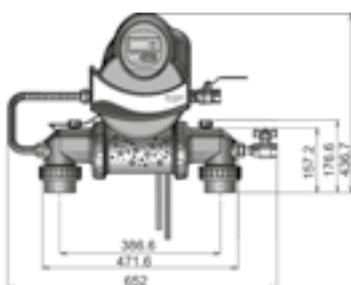
BWT PRE-ASSEMBLED, TITANIUM HEAT EXCHANGER

Family 4970

Housed titanium plate heat exchanger components :

- A titanium plate heat exchanger,
- A precision Aquastat with digital display of the water temperature and set point value,
- A primary circuit circulation pump,
- Two isolation valves on the primary circuit, one fitted with an anti-thermosyphon check valve
- A drain valve,
- All the cables and electrical components necessary for the system to operate correctly.

Code	Description
9202200	MK-1 heat exchanger, pre-assembled
9202400	MK-2 heat exchanger, pre-assembled
9202600	MK-3 heat exchanger, pre-assembled
9202900	MK-4 heat exchanger, pre-assembled



i All spiral plate heat exchangers have a primary \varnothing of 3/4" and a secondary \varnothing of 50 and 63 mm, solvent.



Models	Flow rate, m ³ /h, at:		Power output (kW), depending on the primary temperature, see below					
	Primary	Secondary	45°C	50°C	60°C	70°C	80°C	90°C
Heat exchanger MK-1	0.72	4.50	8	9	14	18	22	27
Heat exchanger MK-2	1.20	5	12	15	22	29	37	43
Heat exchanger MK-3	1.74	6.50	17	20	29	38	48	58
Heat exchanger MK-4	1.80	11	27	33	49	63	79	95

The power output values listed above are valid at a secondary circuit (pool water) temperature of 25°.
Caution: The temperature in the primary circuit of heat exchangers must not exceed 90°C



Titanium exchanger

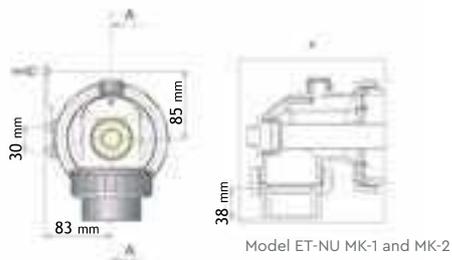
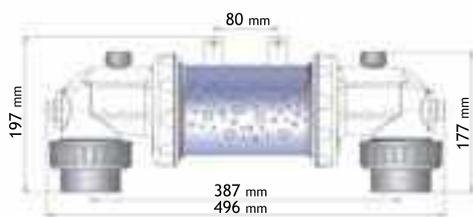


TITANIUM SPIRAL PLATE HEAT EXCHANGER

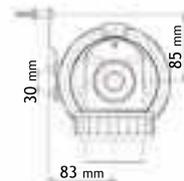
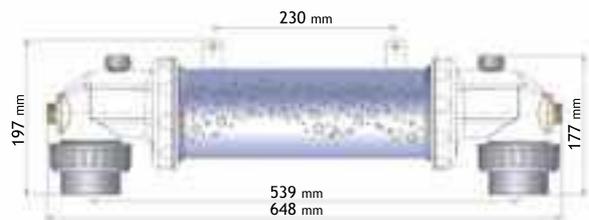
Family 4970

- The body of the heat exchanger is made of glass loaded polypropylene. The exchanger itself, a spiral plate, is made of Titanium. Use the above below to select the right heat exchanger for the water temperature in the primary loop.
- The plates feature bosses to prevent laminar flow and significantly improve the exchange capacity.
- The unions on the secondary circuit are bent at 90° to facilitate connection on a by-pass loop.
- Thermowells for insertion of a temperature sensor at the inlet and the outlet to allow inversion of the flow direction.
- Titanium exchangers are compatible with salt water electrolysis..

Code	Description
9200200	Titanium heat exchanger MK-1, unhoused
9200400	Titanium heat exchanger MK-2, unhoused
9200600	Titanium heat exchanger MK-3, unhoused
9200900	Titanium heat exchanger MK-4, unhoused



Model ET-NU MK-1 and MK-2



Model ET-NU MK-3 and MK-4



The diameter of the primary circuit of all the spiral plate heat exchangers is 3/4", the diameter of the secondary circuit can be 50 or 63 mm, solvent. The unhoused heat exchangers must be fitted with a flow-switch or a pressure gauge that allows the flow in the primary circuit to be stopped when filtration is stopped. The primary circuit must be fitted with an anti-thermosiphon mechanism.



12

MAINTENANCE & CLEANING

Complies with the following standards:

EN 60335-1 May 2013: Safety of household and similar electrical appliances General requirements

EN 55014-1 + A2 February 2012: Electromagnetic compatibility Part 1: Emission.

EN 55014-2 + A2 January 2009: Electromagnetic compatibility Part 2: Immunity.

Directive 2004/108/EC: The Electromagnetic Compatibility directive



- 326** CHOOSE YOUR ROBOTIC POOL CLEANER
- 328** ROBOTIC POOL CLEANER COMPARISON
- 330** ROBOTIC POOL CLEANERS
- 356** MAINTENANCE ACCESSORIES

CHOOSE YOUR ROBOTIC POOL CLEANER

	MODEL	POOL LENGTH (M)	CLEANING CYCLE	CLEANING TYPE	FILTER TYPE	BRUSH TYPE	CABLE LENGTH
COSMY							
	COSMY 100	8	1.5 hrs	Floor	Single filter	PVC brushes	12 m
	COSMY 150	10	1.5 hrs	Floor, walls and waterline	Single filter	PVC brushes	16 m
	COSMY 200	12	1.5 hrs, 2.0 hrs or 2.5 hrs	Floor, walls and waterline	Double layer filtration	PVC brushes	16 m
	COSMY 250	12	1.5 hrs, 2.0 hrs or 2.5 hrs	Floor, walls and waterline	Double layer filtration	PVC brushes	18 m
P LINE							
	P400+	10	1.5 hrs	Floor	4D, microfibre hyperfine	PVA brushes	✓ swivel 16 m
	P500+ lite	12	2.0 hrs	Floor, walls and waterline	4D, microfibre hyperfine	PVA brushes	✓ Swivel 16 m
	P500+	12	2.0 hrs	Floor, walls and waterline	4D, microfibre hyperfine	PVA brushes	✓ Swivel 18 m
	P600+ APP	15	1.5 hrs, 2.0 hrs or 2.5 hrs	Floor, walls and waterline	4D, microfibre hyperfine	PVA brushes	✓ Swivel 23 m
B LINE							
	B100+	8	1.5 hrs	Floor	4D, microfibre hyperfine	4 PVA brushing wheels + 1 rotating PVC brush	12 m
	B200 lite	8	1.5 hrs	Floor, walls and waterline	4D, microfibre hyperfine	4 PVA brushing wheels + 1 rotating PVC brush	12 m
	B200+	8	1.5 hrs or 2.0 hrs	Floor, walls and waterline	4D, microfibre hyperfine	4 PVA brushing wheels + 1 rotating PVC brush	✓ Swivel 16 m
D LINE							
	D100+	8	1.5 hrs	Floor	4D, microfibre hyperfine	2 PVA brushing wheels + vibrating brush	16 m
	D200 lite	10	2.0 hrs	Floor, walls & water line	4D, microfibre hyperfine	4 PVA brushing wheels + vibrating brush	16 m
	D200+	10	2.0 hrs	Floor, walls & water line	4D, microfibre hyperfine	4 PVA brushing wheels + vibrating brush	✓ Swivel 18 m
	D300+ APP	12	1.5 hrs, 2.0 hrs or 2.5 hrs	Floor, walls & water line	4D, microfibre hyperfine	4 PVA brushing wheels + vibrating brush	✓ Swivel 23 m

CHOOSE YOUR ROBOTIC POOL CLEANER

SUCTION POWER	NAVIGATION AND DRIVE SYSTEM	WEIGHT (KG)	CADDY	SPECIAL FEATURES	GUARANTEE	PAGES
15 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	5.75 kg	X	Customisable	2 years	334
15 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	5.75 kg	X	Customisable	2 years	334
15 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	5.75 kg	X	<ul style="list-style-type: none"> • Customisable • App with remote control 	2 years + 1 additional year	334
15 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	5.75 kg	✓	<ul style="list-style-type: none"> • Customisable • App with remote control 	2 years + 2 additional years	335
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	9.75 kg	✓	<ul style="list-style-type: none"> ▪ Anti-tangle system 	2 years + 1 additional year	338
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	11 kg	X	<ul style="list-style-type: none"> ▪ Anti-tangle system 	2 years + 1 additional year	338
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	11 kg	✓	<ul style="list-style-type: none"> ▪ Full filter indicator 	3 years + 1 additional year	338
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	11 kg	✓	<ul style="list-style-type: none"> • Full filter indicator • App with remote control 	3 years + 1 additional year	339
19 m ³ /h	X	9.5 kg	X	<ul style="list-style-type: none"> ▪ Full filter indicator 	2 years	346
19 m ³ /h	X	10.5 kg	X	<ul style="list-style-type: none"> ▪ Full filter indicator 	2 years	346
19 m ³ /h	X	10.5 kg	X	<ul style="list-style-type: none"> ▪ Full filter indicator 	2 years	346
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	10 kg	X	<ul style="list-style-type: none"> ▪ Adjustable intake valves 	2 years	350
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	11 kg	X	<ul style="list-style-type: none"> ▪ Adjustable intake valves 	2 years	350
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	11 kg	✓	<ul style="list-style-type: none"> ▪ Adjustable intake valves ▪ anti-tangle 	2 years	350
19 m ³ /h	<ul style="list-style-type: none"> • Smart Navigation • Gyroscopic system 	11 kg	✓	<ul style="list-style-type: none"> ▪ Adjustable intake valves ▪ anti-tangle ▪ App with remote control 	3 years	350

ROBOTIC POOL CLEANER COMPARISON



	MODEL	POOL SIZE (M)	CLEANING DEPTH	AUTONOMY	FILTER TYPE	FILTER CAPACITY
PK MAX						
	PK Max	65 m ²	3 m (9.8ft)	120 min	<ul style="list-style-type: none"> Stainless steel filter 250 micron 	7.2 L (1.9 gal)
BWT PRO PK RECHARGEABLE POOL VACUUM CLEANERS						
	PK TURBO	Medium to large	3 m (9.8ft)	75 min	3 filtration bags : <ul style="list-style-type: none"> Standard 250 micron bag Fine mesh 70 micron bag Ultra fine with replaceable 25 micron cartridge 	6.5 L (1.72 gal)
	PRO PK GIANT	Medium to large	3 m (9.8ft)	75 min	<ul style="list-style-type: none"> Pleated, fine mesh filter, 50 micron Standard 250 micron filter 	3 L (0.79 gal)
	PRO PK X-FLOW	Medium to large	3 m (9.8ft)	40 min	<ul style="list-style-type: none"> Stainless steel filter : Standard 250 micron filter Fine mesh 50 micron sock 	1.2 L (0.32 gal)
	PRO PK SWIFT	Medium	3 m (9.8ft)	30 min	<ul style="list-style-type: none"> Standard mesh filter (250 micron) fine mesh filter (125 micron) 	0.9 L (0.24 gal)
BWT BC RECHARGEABLE POOL VACUUM CLEANERS						
	BC02	Small, up to 3.7m diameter	2m (6.5ft)	30 min	<ul style="list-style-type: none"> 250 micron 	0.42 L
	BC30	Medium	3 m (9.8ft)	30 min	<ul style="list-style-type: none"> 250 micron 	0.55 L
	BC40	Medium	3 m (9.8ft)	75 min	<ul style="list-style-type: none"> Standard filtration bag 250 micron 	6.5 L
	BC50	Medium	3 m (9.8ft)	40 min	<ul style="list-style-type: none"> 125 and 250 micron 	0.65 L
BWT BC CORDLESS POOL CLEANER WITH ACTIVE BRUSHING						
	BC 100+	20 m ²	3 m (9.8ft)	45 min	<ul style="list-style-type: none"> Textile 250 micron filter 	2.2 L
	BC 200+	45 m ²	3 m (9.8ft)	90 min	<ul style="list-style-type: none"> Textile 250 micron filter 	4 L

ROBOTIC POOL CLEANER COMPARISON



VACUUM HEAD FEATURES	POWER	WEIGHT (KG)	SPECIAL FEATURES	STORAGE BAG	GUARANTEE	PAGES
Clip in PVC brushes	X	6.6	<ul style="list-style-type: none"> Automatic Start/ stop with water sensor 	X	2 years	340
Ball bearing wheels for easy glide over all surfaces	600	3.8	<ul style="list-style-type: none"> Automatic Start/ stop with water sensor Removable extensions to clean in tight spaces Swivelling handle 	✓	2 years	341
Swivelling vacuum head and corner brush	500	5	<ul style="list-style-type: none"> Transparent vacuum head Double filtration 	✓	2 years	342
Swivelling vacuum head and corner brush	350	3.3	<ul style="list-style-type: none"> Transparent vacuum head 	✓	2 years	343
Swivelling vacuum head and corner brush	250	2.6	<ul style="list-style-type: none"> Transparent vacuum head 	✓	2 years	343
Swivelling vacuum head and flat brush	100	1.2	<ul style="list-style-type: none"> Handle included: 2x50cm Total length: 93cm/3ft 	X	2 years	352
Swivelling vacuum head and flat brush	200	2.3	X	X	2 years	352
Vacuum head	300	1.8	X	X	2 years	353
Swivelling vacuum head and corner brush	300	2.9	X	X	2 years	353
Clip in PVC brushes	X	4.6	<ul style="list-style-type: none"> Automatic Start/ stop with water sensor 	✓	X	354
Clip in PVC brushes	X	5.9	<ul style="list-style-type: none"> Automatic Start/ stop with water sensor 	✓	X	355

COSMY

THE BOT

A REVOLUTION?

*Yes, and a
real beauty!*



AUTOMATIC POOL CLEANER

Light, powerful, customisable

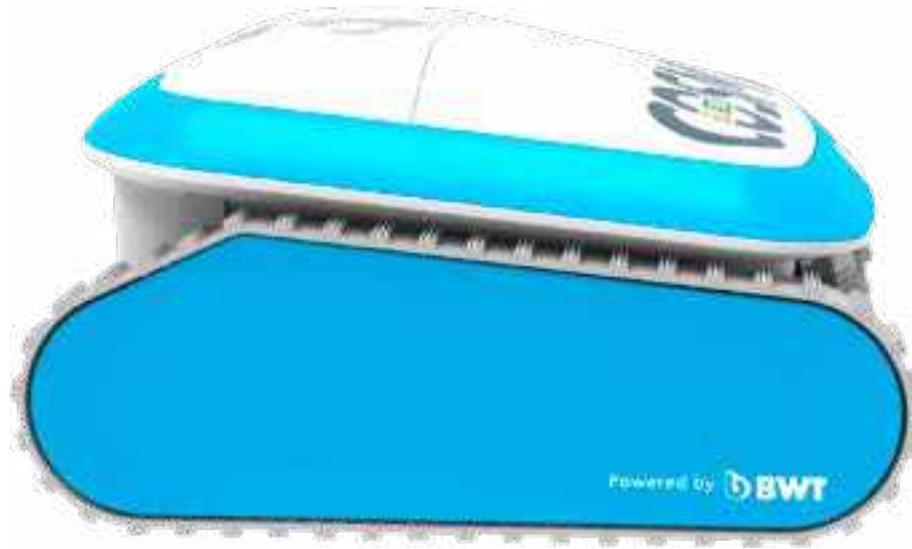
Beautiful revolution!



cosmythebot.com



POWERED BY  **BWT**



COSMY THE BOT, ULTRA-CLEAN STYLE

Cosmy opens the path to a whole new world, where efficiency meets style and elegance, where size gives way to precision and intelligence.

Responsive and intuitive

Cosmy the Bot 250 is intuitive and easy to use. At the touch of a button it gets to work. Ergonomic and clever, just as we like it

Beautifully made and elegant

Although Cosmy the Bot 250 is very small, its ultra-modern design allows it to clean faster and more efficiently while consuming less energy. Cosmy the Bot: super cute, but high performance!

Practical, clever design

Cosmy is simple, clean and pleasant to use. An indicator light warns you when the filter is full and needs to be emptied. At the touch of a button, the filter is freed and can be pulled out from above and cleaned, all without getting your hands dirty. Well done Cosmy!

Double filtration

Cosmy the Bot 250 features two filters, one fitted into the other. This dual filtration system traps even the tiniest particles and leaves the water crystal clear. Cosmy, twice as efficient!

Feather weight!

Cosmy the Bot 250 is half as heavy as most conventional robotic cleaners. Its rapid drain system makes it wonderfully easy to remove from the pool; good news for your back!

Surefooted on every surface

Floor, walls, waterline... with its on-board technology, Cosmy clings to even the steepest slopes, whatever the surface finish. Cosmy navigates with ease and adapts to every configuration. Its optimised cleaning path ensures full coverage, irrespective of the shape of the pool.



Come visit us
COSMY.COM



YOU LIKE TO CHANGE YOUR OUTFIT? COSMY DOES TOO!

Blue? Pink? Green? Purple? With Cosmy, you don't have to choose one colour, there are eight to choose from and you can swap them out as often as you wish to match your mood or even the decor.

*Freedom to change
freedom to create!*



Code	Description
	Color kit (Side plates X2 + top ring)
1	125505970 Extra color kit Cobalt for COSMY
2	125506060 Extra color kit Apple for COSMY
3	125506059 Extra color kit Lemon for COSMY
4	125506061 Extra color kit Lavender for COSMY
5	125505969 Extra color kit Flamingo for COSMY
6	125505973 Extra color kit Red Cherry for COSMY
7	125505972 Extra color kit Abricot for COSMY



LAGOON



1 COBALT



2 APPLE



3 LEMON



4 LAVENDER



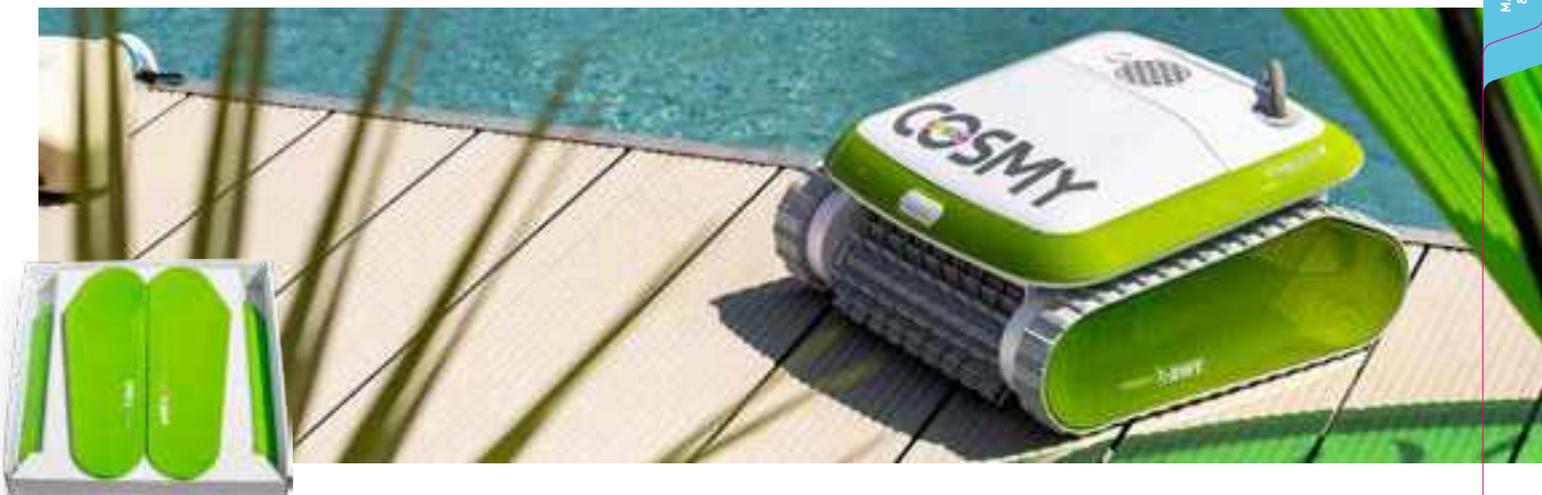
5 FLAMINGO



6 RED CHERRY



7 ABRICOT



ROBOTIC POOL CLEANERS

Scan to watch the video!

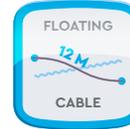


BWT COSMY THE BOT 100

Family 3730



- Cleans the pool floor
- Planetary gear technology
- Light (less than 6 kg)
- Powerful
- Customisable



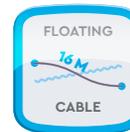
Code	Description
125505479	BWT COSMY 100 robotic pool cleaner

BWT COSMY THE BOT 150

Family 3730



- Cleans the pool floor, walls and water line
- Planetary gear technology
- Light (less than 6 kg)
- Powerful
- Customisable



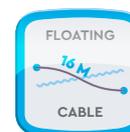
Code	Description
125505480	BWT COSMY 150 robotic pool cleaner

BWT COSMY THE BOT 200

Family 3730



- Cleans the pool floor, walls and water line
- Smartphone app
- 16 m cable
- Planetary gear technology
- Light (less than 6 kg)
- Powerful
- Customisable



Code	Description
125505481	BWT COSMY 200 robotic pool cleaner

BWT COSMY THE BOT 250

Family 3730

+ PRODUCT

- Cleans the pool floor, walls and water line
- Smartphone app
- 18 m cable
- Transport caddy
- Planetary gear technology
- Light (less than 6 kg)
- Powerful
- Customisable



COSMY THE BOT

Guarantee 2 years

2 ADDITIONAL YEAR*

CLEANING

1.5h
2h
2.5h

CYCLES

SMART

NAVIGATION

FLOATING

18 M

CABLE

LIGHT

WEIGHT

PREMIUM

CADDY

Code	Description	Quantity per pallet
125505482	BWT COSMY 250 robotic pool cleaner	16

BWT COSMY THE BOT ROBOTIC POOL CLEANER

Family 3730



	COSMY 100	COSMY 150	COSMY 200	COSMY 250
POOL SIZE	8 m (all shapes and waterproofing finishes)	8 m (all shapes and waterproofing finishes)	12 m (all shapes and waterproofing finishes)	12 m (all shapes and waterproofing finishes)
CLEANING CYCLE	1.5 hrs	1.5 hrs	1.5 hrs, 2.0 hrs or 2.5 hrs	1.5 hrs, 2.0 hrs or 2.5 hrs
REMOTE CONTROL	X	X	Smartphone app	Smartphone app
CLEANING TYPE	Floor	Floor, walls and water line	Floor, walls and water line	Floor, walls and water line
FILTER TYPE	Single filter	Single filter	Double layer filtration	Double layer filtration
BRUSH TYPE	PVC brushes	PVC brushes	PVC brushes	PVC brushes
CABLE LENGTH	12 m, floating cable	16 m, floating cable	16 m, floating cable	18 m, floating cable
DIMENSIONS (L X W X H)	39.5 x 36.5 x 20 cm	39.5 x 36.5 x 20 cm	39.5 x 36.5 x 20 cm	39.5 x 36.5 x 20 cm
WEIGHT	5.75 kg	5.75 kg	5.75 kg	5.75 kg
POWER SUPPLY	29 Volt, Mars + APP	29 Volt, Mars + APP	29 Volt, Mars + APP	29 Volt, Mars + APP
POWER CONSUMPTION	150 Watt	150 Watt	150 Watt	150 Watt
DURATION OF THE GUARANTEE	2 years	2 years	2 years + 1 additional year	2 years + 2 additional years

MAINTENANCE & CLEANING

Scan to watch the video!



P LINE

For simply perfect pools !

POWERFUL, EFFICIENT,
ERGONOMIC, SIMPLE TO USE,
EASY TO MAINTAIN.

The range is comprised of 3 models:

- **BWT P400** robotic pool cleaner – designed to clean the pool floor only.
- **BWT P500** robotic pool cleaner – cleans the pool floor, walls and water line.
- **BWT P600 APP** robotic pool cleaner - cleans the pool floor, walls and water line.
The **P600 APP** robotic pool cleaner can be easily piloted using any type of SmartPhone using the BWT Best Water Home app available for download from the AppleStore or PlayStore.



ULTIMATE POWER SMART NAVIGATION 40 FILTER BWT BEST WATER HOME APP **3 YEARS** GUARANTEE 1 LIMITED POWER SUPPLY CABLE BIDIRECTIONAL CLEANING





Unmatched suction power

BWT robotic cleaners feature the most powerful suction of any robot on the market, it can be up to twice as strong thanks notably to its height adjustable nozzles.

The closer they are to the surface being vacuumed, the more powerful the suction. Suction can be adjusted to efficiently capture the type of debris to be picked up. Thus, close to a beach for example, the nozzles can be set down low to effortlessly remove every grain of sand.

Precision inside !



Ideal for your pool

BWT robotic pool cleaners are perfect for pools of any shape or size up to 15 m long. With their high density foam brushes, BWT robotic pool cleaners easily navigate any type of surface.

PVA inside !



Simple and practical

BWT robotic pool cleaners are intuitive and easy to use. At the push of a single button they get to work. Freedom is yours!

Simplicity inside !



Connected

The **P600 APP** model includes a Bluetooth module. Using an app that you can download free of charge from AppleStore or PlayStore, control is at your fingertips.

Ideal for focusing on problem areas. You can navigate freely to pick up small stones your children just threw into the pool. Your pool, clean in an instant with little or no effort.

Wireless connection inside !



Breezer technology & Ultimate Power !

BWT robotic pool cleaners feature **Breezer technology**, a hard-wearing, highly efficient gear transmission system; combined with dual drive motors and a powerful pump BWT robotic pool cleaners are among the most reliable available on the market.

This is the **Ultimate Power** drive system, the ideal solution for fast, optimised travel, unrivalled reliability, and unmatched cleaning.

Simple and practical



Fast cleaning

BWT robotic cleaners move quickly and clean fast. They feature the intelligent and exclusive **Smart Navigation** system.

Comprised of a gyroscope and an algorithm, the navigation system scans and memorises the pool shape, the location of obstacles, and then optimises the cleaning path. The entire surface to be cleaned is covered.

The pool floor, walls and water line are perfectly clean in just a few passes and in record time.

Smart Navigation !

ROBOTIC POOL CLEANERS

BWT P400+ ROBOTIC POOL CLEANER PRO EXCLUSIVE

Family 3720



- Gyroscope
- Anti-tangle swivel
- Bidirectional suction
- Ultimate Power technology



Code	Description
125305505	BWT P400+ robotic pool cleaner

BWT P500+ LITE ROBOTIC POOL CLEANER PRO EXCLUSIVE

Family 3720



- Gyroscope
- Anti-tangle swivel
- Bidirectional suction
- Ultimate Power technology



Code	Description
125505487	BWT P500+ LITE robotic pool cleaner

BWT P500+ ROBOTIC POOL CLEANER PRO EXCLUSIVE

Family 3720



- Gyroscope
- Anti-tangle swivel
- Bidirectional suction
- Ultimate Power technology



Code	Description
125305507	BWT P500+ robotic pool cleaner

BWT P600 APP ROBOTIC POOL CLEANER PRO EXCLUSIVE

Family 3720

- Gyroscope
- Anti-tangle swivel
- Can be easily piloted using any type of SmartPhone using an app available for download from the AppleStore or PlayStore.



Scan to watch the video!



Code	Description	Quantity per pallet
125305508	BWT P600+ APP robotic pool cleaner	20

BWT P LINE ROBOTIC POOL CLEANER

Family 3720

	P400+	P500+ lite	P500+	P600+ APP
POOL SIZE	10 m (all shapes and waterproofing finishes)	12 m (all shapes and waterproofing finishes)	12 m (all shapes and waterproofing finishes)	15 m (all shapes and waterproofing finishes)
CLEANING TYPE	Floor	Floor, walls and water line	Floor, walls and water line	Floor, walls and water line
DURATION OF THE CLEANING CYCLE	1.5 hrs	2.0 hrs	2.0 hrs	1.5 hrs, 2.0 hrs or 2.5 hrs
REMOTE CONTROL	✗	✗	✗	Smartphone app
FILTER TYPE	4D, hyperfine microfibre, transparent filter lid			
NAVIGATION SYSTEM	Smart Navigation	Smart Navigation	Smart Navigation	Smart Navigation
GYROSCOPE	✓	✓	✓	✓
SUCTION INTAKE RATE	19 m ³ /h			
LENGTH OF THE CABLE	16 m, high quality grey	16 m, high quality grey	18 m, high quality grey	23 m, high quality grey
ANTI-TANGLE SWIVEL	✓	✓	✓	✓
DIMENSIONS (L X W X H)	35.1 x 43 x 27.8 cm	39.1 x 43 x 23.4 cm	39.1 x 43 x 23.4 cm	39.1 x 43 x 23.4 cm
WEIGHT	9.75 kg	11 kg	11 kg	11 kg
STORAGE ACCESSORY	High quality caddy	✗	High quality caddy	High quality caddy
GUARANTEE	2 years + 1 additional year	2 years + 1 additional year	3 years + 1 additional year	3 years + 1 additional year

MAINTENANCE & CLEANING

BATTERY POWERED POOL CLEANERS

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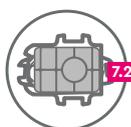


BWT PRO PK MAX CORDLESS POOL CLEANER **PRO EXCLUSIVE**

Family 3790

Technical data

- No need for an electrical connection or cables close to the pool.
- The patented Stop & Go system turns the pool cleaner automatically on contact with the pool wall, optimising the cleaning time.
- Compatible with flat bottomed above-ground and in-ground pools, whatever the shape or surface finish.
- Long service life Lithium-ion rechargeable battery (4000mAh / 7.4V).
- Clipped brush and roller to help gather debris and improve cleaning efficiency.
- Easily adjustable inclined tubes to increase the downward pressure in order to maintain contact with the surface and optimise the cleaning path.
- WATER SENSOR. The motor only runs when submerged in water.
- LED indicator light shows the battery level.



7.2 l (1.9 gal)

Filter capacity



77 l/min
(20.3 gal/min)

Filtration flow rate



120 min

Cleaning cycle



STOP / GO
automatic, with
water sensor



65 m²

Max pool length



3 m (9.8ft)

Cleaning
depth

Code	Description	Quantity per pallet
125503681	BWT PK MAX cordless pool cleaner	20

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RECHARGEABLE VACUUM CLEANERS

BWT PRO PK TURBO RECHARGEABLE VACUUM CLEANERS **PRO EXCLUSIVE**

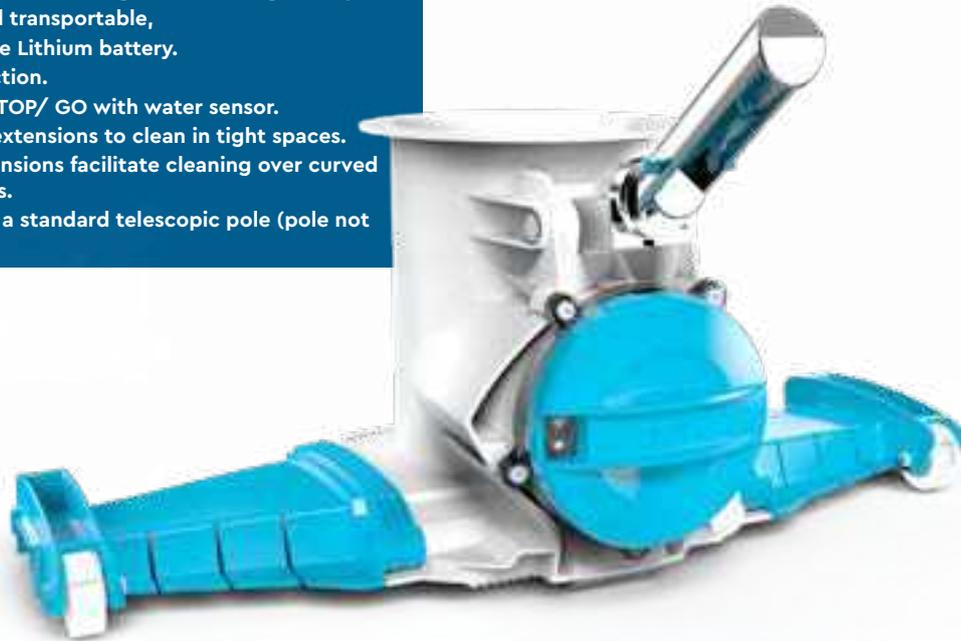
Family 3790

Technical data

- Rapidly vacuums up debris in mid to large sized pool and tight spaces.
- Traps large volumes of leaves and fine particles.
- LED shows when the pool cleaner is ready to run/ running/ clogged/ needs to be charged.
- Safety mechanism: The blades stop moving automatically if the device is clogged.
- Ball bearing wheels for easy glide over all types of surface finishes.
- Bottom brushes to help dislodge dirt.
- Extra-large debris canister.
- Magnetic switch to ensure absolute water tightness.
- Robust, swivelling metallic handle.
- A storage bag is included.



- Compatible with above-ground and in-ground pools.
- Cordless and transportable,
- Rechargeable Lithium battery.
- Powerful suction.
- Automatic STOP/ GO with water sensor.
- Removable extensions to clean in tight spaces.
- Flexible extensions facilitate cleaning over curved pool surfaces.
- Connects to a standard telescopic pole (pole not included).



6.5 l/1.72gal

Filter capacity



600

Suction power

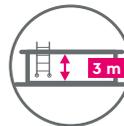


75 min

Run time



Mid to large sized pools



3 m (9.8ft)

Cleaning depth



High suction power



STOP / GO automatic with water sensor

Code	Description	Quantity per pallet
125503680	BWT PK TURBO battery run pool cleaner	20



- Compatible with above-ground and in-ground pools.
- Cordless and transportable,
- Rechargeable Lithium battery.
- High suction power.
- Patented dual filtration system.
- Finely pleated filter cartridge – 50 micron,
- Standard stainless steel cartridge – 250 micron,
- Connects to a standard telescopic pole (pole not included).

Technical data

- Rapidly picks up debris in mid sized pools.
- Fast, powerful cleaning.
- One vacuum cleaner for standard and fine cleaning.
- Simple latch opening system.
- Pleated filter cartridge with a large surface area for excellent filtration performance.
- Vacuums up fine sand and sediment from the pool floor.
- Features a quick drain system.
- A storage bag is included.



31 (0.79 gal)

Filter capacity



500

Suction power

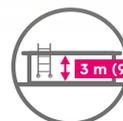


75 min

Run time



Mid to large sized pools



3 m (9.8ft)

Cleaning depth



2 YEARS

BWT myPool

Code	Description	Quantity per pallet
125503679	BWT PK GIANT battery powered cleaner	20

BWT PRO PK X-FLOW RECHARGEABLE VACUUM CLEANERS PRO EXCLUSIVE

Family 3790



- Compatible with above-ground and in-ground pools.
- Cordless and transportable.
- Rechargeable Lithium battery.
- Fine mesh filter bag.
- Hand grip facilitates removal of debris.
- Connects to a telescopic pole (pole not included).



Scan to watch the video!



Technical data

- Rapidly vacuums up debris in mid sized pools.
- Fast, efficient cleaning.
- Picks up leaves and fine debris.
- Unique design for improved suction.
- Extra-large debris canister.
- Magnetic switch to ensure absolute water tightness.
- Features a quick drain system.
- A storage bag is included.



1.2 l / 0.32 gal

Filter capacity



350

Suction power

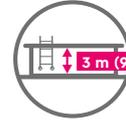


40 min

Run time



Mid to large sized pools



3 m (9.8ft)

Cleaning depth



Code	Description	Quantity per pallet
125503678	BWT PK X-FLOW battery powered cleaner	56

BWT PRO PK SWIFT RECHARGEABLE VACUUM CLEANERS PRO EXCLUSIVE

Family 3790



- Compatible with above-ground and in-ground pools.
- Cordless and transportable.
- Rechargeable Lithium battery.
- Fine mesh filter.
- Magnetic switch to ensure absolute water tightness.
- Connects to a telescopic pole (pole not included).



Scan to watch the video!



Technical data

- Rapidly vacuums up debris in mid to large sized pools.
- Fast, efficient cleaning.
- Picks up leaves and fine debris.
- Unique design for improved suction.
- Opens at the touch of a button.
- Features a quick drain system.
- Standard stainless steel filter.
- A storage bag is included.



0.9 l (0.24 gal)

Filter capacity



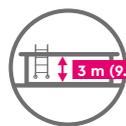
250

Suction power



30 min

Run time



3 m (9.8ft)

Cleaning depth



Mid-sized pools



Code	Description	Quantity per pallet
125503677	BWT PK SWIFT battery powered cleaner	80



B LINE

The efficiency of BWT, keeps your pool beautiful and clean.

Excellence inside!



The B Line is comprised of 3 models:

- **BWT B100+ robotic pool cleaner** – cleans the pool floor only.
- **BWT B200+ Lite robotic pool cleaner** – cleans the pool floor, walls and water line.
- **BWT B200+ robotic pool cleaner** – also cleans the pool floor, walls and water line.





Efficient travel

With four large wheels, BWT robotic cleaners cope with any obstacles on the pool floor. Simple and robust travel, perfect for a family pool.

BWT efficiency!



Unmatched suction power

BWT robotic cleaners feature the most powerful suction of any robot on the market. Suction can be increased up to twofold, thanks to precise adjustment of the intakes valves.

Power inside!



Among the finest filtration performances on the market

BWT robotic pool cleaners are fitted with a 4D filter, an exclusive four dimensional filter that cleans four times better than any other.

The filter fabric features loops that capture the smallest micro-particles, down to 2 microns in diameter. This means that BWT guarantees the finest filtration currently available on the swimming pool market.

BWT finesse!



Smart Navigation

BWT robotic cleaners move quickly and clean fast. They feature the intelligent and exclusive Smart Navigation system. Comprised of a gyroscope and an algorithm, the navigation system scans and memorises the pool shape, the location of obstacles, and then optimises the cleaning path. The entire surface to be cleaned is covered.

The pool floor, walls and water line are perfectly clean in just a few passes and in record time. .

BWT speed!



4 brushing wheels and 1 additional rotating brush

The 4 drive brushing wheels dislodge deposits and leave the surface perfectly clean.

The additional rotating brush ensures impeccable cleaning of the pool floor

BWT clean!

ROBOTIC POOL CLEANERS

BWT B100 + ROBOTIC POOL CLEANER

Family 3700



- Height adjustable intake valves, the suction power can be increased up to twofold.



Code	Description	Quantity per pallet
125505477	BWT B100 Plus + robotic pool cleaner	20

BWT B200 LITE ROBOTIC POOL CLEANER

Family 3700



- Height adjustable intake valves, the suction power can be increased up to twofold.



Code	Description	Quantity per pallet
125505478	BWT B200 Lite robotic pool cleaner	20

BWT B200+ ROBOTIC POOL CLEANER

Family 3700



- Height adjustable intake valves, the suction power can be increased up to twofold.
- Anti-tangle swivel



Scan to watch the video!

Code	Description	Quantity per pallet
125305503	BWT B200 Plus robotic pool cleaner	20



	B100+	B200 Lite	B200+
POOL SIZE	For pools up to 8 m (all pool shapes and waterproofing finishes)	For pools up to 8 m (all pool shapes and waterproofing finishes)	For pools up to 8 m (all pool shapes and waterproofing finishes)
DURATION OF THE CLEANING CYCLE	1.5 hrs	1.5 hrs	1.5 hrs or 2.0 hrs
CLEANING TYPE	Floor	Floor, walls and water line	Floor, walls and water line
BRUSH TYPE	4 PVA brushing wheels + 1 PVC rotating brush	4 PVA brushing wheels + 1 PVC rotating brush	4 PVA brushing wheels + 1 PVC rotating brush
FILTER TYPE	4D, hyperfine microfibre, with transparent lid	4D, hyperfine microfibre, with transparent lid	4D, hyperfine microfibre, with transparent lid
ANTI-TANGLE SWIVEL	✗	✗	✓
CABLE LENGTH	12 m, high quality grey	12 m, high quality grey	16 m, high quality grey
ADJUSTABLE INTAKE VALVES	✓ Suction power can be increased up to twofold	✓ Suction power can be increased up to twofold	✓ Suction power can be increased up to twofold
DIMENSIONS (L X W X H)	35.5 x 41 x 24.6 cm	35.5 x 41 x 31.1 cm	35.5 x 41 x 31.1 cm
WEIGHT	9.5 kg	10.5 kg	10.5 kg
DURATION OF THE GUARANTEE	2 years	2 years	2 years



D LINE

Keeps your pool beautiful and clean!

The D Line is comprised of 4 models:

- **BWT D100+ robotic pool cleaner** – cleans the pool floor only.
- **BWT D200 Lite robotic pool cleaner** – cleans the pool floor, walls and water line.
- **BWT D200+ robotic pool cleaner** – cleans the pool floor, walls and water line.
- **BWT D300+ robotic pool cleaner** – also cleans the pool floor, walls and water line.

Common characteristics

Filtration	4D Filter : Top access
Filter retention capacity	as small as 2 microns
Navigation system	Smart Navigation
Motorisation	Ultimate Power
Transformer	Low voltage
Cable colour	Grey
Height adjustable intake nozzles	Yes



Excellence inside!



D300 ONLY CONNECTED

The D300 model features a Bluetooth module. Using the BWT Best Water Home app available for download free of charge from the AppleStore or PlayStore, control of robotic cleaner is at your finger tips. Ideal for spot cleaning. You can navigate freely to pick up small debris accidentally dropped into your pool. Your pool, clean in an instant with little or no effort.



D200 AND D300 ONLY

Effortless transport and storage, thanks to the robust, practical and attractive transport caddy. The power cable features an anti-tangle electrical swivel that allows the robotic cleaner total freedom of movement.



Ultimate Power

BWT robotic cleaners are extremely reliable thanks to a hard-wearing gear transmission, a single drive motor and a powerful pump to pick up debris. This is the Ultimate Power system, the ideal solution for fast, optimised travel, unrivalled reliability, and unmatched cleaning.

Power inside!



Unmatched suction power

BWT robotic cleaners feature the most powerful suction of any robotic cleaner on the market. They can achieve up to twice the suction power through precise adjustment of the intake nozzles.

The closer they are to the surface being vacuumed, the more powerful the suction.

Suction can be adjusted to efficiently capture the type of debris to be picked up. Thus, close to a beach for example, the intake valves can be set down low to effortlessly remove every grain of sand.

Power inside!



The finest filtration on the market

BWT robotic pool cleaners are fitted with a 4D filter, an exclusive four dimensional filter that cleans four times better than any other.

The filter fabric features loops that capture the smallest micro-particles, down to 2 microns in diameter. This means that BWT guarantees the finest filtration currently available on the swimming pool market.

Finesse inside!



Fast cleaning

BWT robotic pool cleaners move quickly and clean fast.

They feature the intelligent and exclusive Smart navigation system.

Comprised of a gyroscope and an algorithm, the navigation system scans and detects obstacles, and then computes the cleaning path. The cleaning cycles are shorter and the entire surface to be cleaned is covered.

The pool floor is perfectly clean with a minimum number of passes, and in record time.

Smart Navigation!



Agile on any surface, with an excellent grip

BWT robotic pool cleaners easily climb the steepest slopes. Always astonishing to see!

Astonishing!



Ergonomic

The robotic cleaners are designed and created to be comfortable and easy to use:

The filter is top loaded for easy access. It is fitted with a hand grip to keep your hands clean while washing the filter.

ROBOTIC POOL CLEANERS

BWT D100+ ROBOTIC POOL CLEANER

Family 3710



+ Height adjustable intake valves, the suction power can be increased up to twofold.

- GUARANTEE: 2 YEARS
- CLEANING CYCLE: 1.5 HOURS
- FLOOR CLEANING
- FLOATING CABLE: 16 M

Code	Description	Quantity per pallet
125505483	BWT D100 Plus robotic pool cleaner	20

BWT D200 LITE ROBOTIC POOL CLEANER

Family 3710



+ Height adjustable intake valves, the suction power can be increased up to twofold.

- GUARANTEE: 2 YEARS
- CLEANING CYCLE: 2 HOURS
- FLOOR CLEANING
- WALLS CLEANING MODE
- WATER LINE CLEANING MODE
- FLOATING CABLE: 16 M
- PVA BRUSHES
- GYROSCOPE

Code	Description	Quantity per pallet
125505484	BWT robot électrique D200 Lite	20

BWT D200+ ROBOTIC POOL CLEANER

Family 3710



+ Height adjustable intake valves, the suction power can be increased up to twofold.

- Anti-tangle swivel
- Transport Caddy

- GUARANTEE: 2 YEARS
- CLEANING CYCLE: 2 HOURS
- FLOOR CLEANING
- WALLS CLEANING MODE
- WATER LINE CLEANING MODE
- ANTI-TANGLE SWIVEL
- TRANSPORT CADDY
- FLOATING CABLE: 18 M

Code	Description	Quantity per pallet
125505485	BWT D200 Plus robotic pool cleaner	16

BWT D300+APP ROBOTIC POOL CLEANER

Family 3710



- Height adjustable intake valves, the suction power can be increased up to twofold.
- Anti-tangle swivel
- Transport Caddy



Code	Description	Quantity per pallet
125305504	BWT D300 Plus APP robotic pool cleaner	16

BWT D LINE ROBOTIC POOL CLEANERS

Family 3710

	D100+	D200 Lite	D200+	D300+ APP
POOL SIZE	8 m (all shapes & waterproofing finishes)	10 m (all shapes & waterproofing finishes)	10 m (all shapes & waterproofing finishes)	12 m (all shapes & waterproofing finishes)
DURATION OF THE CLEANING CYCLE	1.5 hrs	2.0 hrs	2.0 hrs	1.5 hrs, 2.0 hrs and 25 hrs
CLEANING TYPE	Floor	Floor, walls and water line	Floor, walls and water line	Floor, walls and water line
BRUSH TYPE	2 PVA scrubbing wheels + vibrating brush	4 PVA scrubbing wheels + vibrating brush	4 PVA scrubbing wheels + vibrating brush	4 PVA scrubbing wheels + vibrating brush
ANTI-TANGLE SWIVEL	X	X	✓	✓
FILTER TYPE	4D, hyperfine microfibre	4D, hyperfine microfibre	4D, hyperfine microfibre	4D, hyperfine microfibre
CABLE LENGTH	16 m, high quality grey	16 m, high quality grey	18 m, high quality grey	23 m, high quality grey
ADJUSTABLE INTAKE VALVES	✓ Suction power can be increased up to twofold	✓ Suction power can be increased up to twofold	✓ Suction power can be increased up to twofold	✓ Suction power can be increased up to twofold
DIMENSIONS (L X W X H)	40.3 x 43.1 x 30.4 cm	39.1 x 46.9 x 26.8 cm	39.1 x 46.9 x 26.8 cm	39.1 x 46.9 x 26.8 cm
WEIGHT	10 kg	11 kg	11 kg	
ACCESSORIES	X	X	Caddy	Caddy
GUARANTEE	2 years	2 years	2 years	3 years

MAINTENANCE & CLEANING

RECHARGEABLE VACUUM CLEANERS

BWT BC02 RECHARGEABLE POOL & SPA VACUUM

Family 3799



- Compatible with above-ground pools and spas.
- Cordless and transportable.
- Rechargeable Lithium battery.
- 93 cm pole included, 2 sections.



Technical data

- Vacuums up debris from small pools and spas up to 3.7 m long.
- Transparent body to monitor filling of the debris canister.
- LED charging indicator light.
- Connects to a telescopic pole (not included).
- Flat brush, swivelling suction head.
- USB charging cable.
- One 250 micron Nylon filter, easy upkeep.



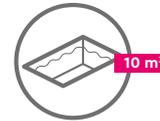
Filter capacity



Filtration flow rate



Run time



Max pool volume

Code	Description	Quantity per pallet
125300416	BWT BC02 Rechargeable Pool & Spa Vacuum	160

BWT BC30 RECHARGEABLE POOL & SPA VACUUM

Family 3799



- Compatible with above-ground and in-ground pools and spas.
- Cordless and transportable.
- Rechargeable Lithium battery.
- High suction power.

Technical data

- Quickly picks up debris from all types of pools.,
- Quick drain valve.
- Corner brush and swivelling suction head.
- Connects to a telescopic pole (not included).
- Magnetic switch ensuring absolute water tightness.,
- 2 stainless steel filters, 125 and 250 micron, easy upkeep.



Filter capacity



Suction power



Run time



Max pool length

Code	Description	Quantity per pallet
125300417	BWT BC30 Rechargeable Pool & Spa Vacuum	80

BWT BC40 RECHARGEABLE VACUUM

Family 3799



- Compatible with above-ground and in-ground pools and spas.
- Cordless and transportable.
- Rechargeable Lithium battery.
- High suction power.
- Connects to a telescopic pole (pole not included).



Scan to watch the video!



Technical data

- Quickly picks up debris from all types of pools.
- An LED shows the status of the device; ready to run/ clogged/ needs to be charged.
- Safety mechanism, the blades stop automatically if the cleaner is clogged.
- Magnetic switch ensures absolute water tightness.
- Ideal for mid sized pools.
- Width of the vacuum head: 26.8 cm.



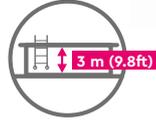
Filter capacity



Suction power



Run-time



Cleaning depth

Code	Description	Quantity per pallet
125503674	BWT BC40 rechargeable vacuum	80

BWT BC50 RECHARGEABLE POOL & SPA VACUUM

Family 3799



- Compatible with above-ground and in-ground pools and spas.
- Cordless and transportable.
- Rechargeable Lithium battery.
- High suction power.



Scan to watch the video!



Technical data

- Quickly picks up debris from all types of pools.
- Magnetic switch ensures absolute water tightness.
- Large swivelling vacuum head and corner brush.
- Powerful motor.
- Connects to a telescopic pole (pole not included).
- 2 large capacity stainless steel filters, 125 and 250 microns, easy upkeep.



Filter capacity



Suction power



Run time



Max pool volume

Code	Description	Quantity per pallet
125300418	BWT BC50 rechargeable Pool & Spa Vacuum	56

BATTERY POWERED ROBOTIC POOL CLEANER

Scan to watch the video!



BWT BC100+ CORDLESS ROBOTIC CLEANER WITH ACTIVE BRUSHING

Family 3799

Technical data

- No need for an electrical connection or cables close to the pool.
- The patented Stop & Go system turns the pool cleaner automatically on contact with the pool wall, optimising the cleaning time.
- Compatible with flat bottomed above-ground and in-ground pools, whatever the shape or surface finish.
- Long service life Lithium-ion rechargeable battery.
- Adjustable front wheel to optimise the cleaning path.
- WATER SENSOR. The motor only runs when submerged in water.
- The battery LED blinks when 10 minutes of run time remains.
- A storage bag and retrieval tool are included.



Filter capacity



Suction power



Cleaning cycle



Max pool volume



Cleaning depth

Code	Description	Quantity per pallet
125503675	BWT BC100+ cordless robotic pool cleaner	30

Scan to watch the video!



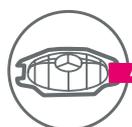
BATTERY POWERED ROBOTIC POOL CLEANER

BWT BC200+ CORDLESS ROBOTIC CLEANER WITH ACTIVE BRUSHING

Family 3799

Technical data

- No need for an electrical connection or cables close to the pool.
- The patented Stop & Go system turns the pool cleaner automatically on contact with the pool wall, optimising the cleaning time.
- Compatible with flat bottomed above-ground and in-ground pools, whatever the shape or surface finish.
- Long service life Lithium-ion rechargeable battery.
- Adjustable front wheel to optimise the cleaning path.
- WATER SENSOR. The motor only runs when submerged in water.
- The battery LED blinks when 10 minutes of run time remains.
- A storage bag and retrieval tool are included.



Filter capacity

4 l



Suction power

71 l/min



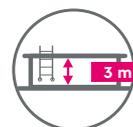
Cleaning cycle

90 min



Max pool volume

45 m²



Cleaning depth

3 m

Code	Description	Quantity per pallet
125503676	BWT BC100+ cordless robotic pool cleaner	24

MAINTENANCE ACCESSORIES

BWT CLEANING ACCESSORIES

Family 3000



	Code	Description	
1	125300988	BWT cleaning erasers	box of 4
2	125300989	BWT disposable pre-filter for skimmers	box of 8
3	125300990	BWT floating absorbant pads	box of 4
4	125300991	Kit comprised of 2 cleaning erasers, 2 floating absorbant pads, 4 disposable pre-filters for skimmers (BWT)	

CLEANING ACCESSORIES

Family 3000



	Code	Reference	Description
			Pool stain eraser
5	48001016	SV-200	Skim-Vac universal with lateral outlet

RIGIFLEX FLOATING HOSE Ø 38 MM

Family 3000

Technical data:

- Superior quality hose, blue and black, with swivelling end-pieces,
- Increased rigidity to resist crushing caused by suction pressure,
- Increased flexibility to facilitate use.



Designed to be mounted on a vacuum head

Code	Description
865000	Non-kinking Ø38 floating hose, 6 m, 2 cuffs - 1 swivelling cuff
865500	Non-kinking Ø38 floating hose, 9 m, 2 cuffs - 1 swivelling cuff
1 866000	Non-kinking Ø38 floating hose, 12 m, 2 cuffs - 1 swivelling cuff
866500	Non-kinking Ø38 floating hose, 15 m, 2 cuffs - 1 swivelling cuff
867000	Non-kinking Ø38 floating hose, 25 m, 2 cuffs - 1 swivelling cuff
867501	Ø38 vacuum hose cuff, white
2 868500	Ø 38 hose roller (max length 13.50 m)

1



2



LINER REPAIR KITS AND ACCESSORIES

Family 3000

Code	Reference	Description
Repair kits		
3 877600	PK-250	Liner and cover repair kit
Accessories		
4 862502	CKS-10	Uni-Dapt spare clips (x3)
5 877400	UHR-100	Uni-Dapt handle for vacuum head

3



4



5



MAINTENANCE ACCESSORIES MyPOOL

Family 3009

Code	Description
Hoses	
6 867350	Floating hose for above-ground pools, Ø 32 - divisible every 1.58 m - Dispensing box containing 15.80 m
867450	Floating hose for above-ground pools, Ø 38 - divisible every 1.58 m - Dispensing box containing 15.80 m

6



MAINTENANCE ACCESSORIES

MAINTENANCE KITS

Family 3000

MK-1000 luxe :

- 1 luxury vacuum head VL-480,
- 1 luxury leaf rake LR-600,
- 1 luxury wall brush WB-500,
- 1 Cl-pH test kit,
- 1 thermometer.



Code	Reference	Description
863300	MK-1000	Luxury Maintenance Kit MK-1000

TELESCOPIC POLES

Family 3000



Code	Reference	Description
Blue anodised aluminium poles – 2 Sections		
871500	TP 815	Telescopic pole 2.4 × 4.8m / 2 sections
872200	TP 612	Telescopic pole 1.8 × 3.6m / 2 sections
Blue anodised aluminium poles – 3 Sections		
872400	TP 512	Telescopic pole 1.0 × 3.0m / 3 sections
872500	TP 515	Telescopic pole 1.6 × 4.8m / 3 sections
873000	TP 1086	Telescopic pole 2.4 × 6.4m / 3 sections

WALL BRUSHES

Families 2100 & 3000



Code	Reference	Description
PVC wall brush		
2	863600	AQ-500 45cm PVC wall brush
Aluminium reinforced wall brush		
3	875400	WB-500 45cm aluminium reinforced wall brush
Steel wire brush		
4	875700	AB-910 25cm luxury steel wire brush
Waterline brushes		
5	876200	TS-200 Cleanette water line brush

VACUUM HEADS, LINER POOLS

Family 3000



	Code	Reference	Description
1	861400	VL-300	Adjustable flow Liner vacuum head
2	861500	VL-440	Luxury weighted Liner vacuum head
3	863000	VL-480	Luxury weighted Liner vacuum head with lateral brushes
4	861700	VL-550	Luxury transparent triangular Liner vacuum head

VACUUM HEADS, CONCRETE POOLS

Family 3000



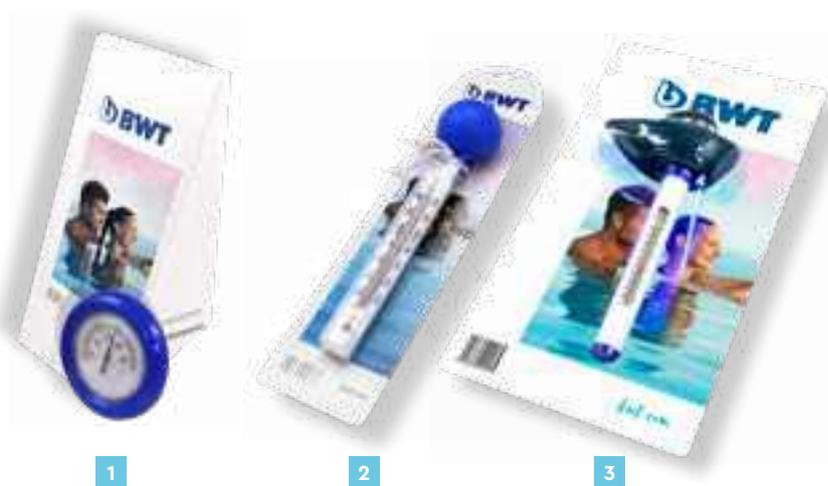
	Code	Reference	Description
Vacuum heads, concrete pools			
5	862600	FM-120	Luxury Concrete vacuum head with lateral brushes
6	862100	-	Concrete metal vacuum head 35 cm
Fairlock vacuum heads			
7	860000	FAIRLOCK	Liner/Concrete vacuum head (48 cm) with brushes and wheels



	Code	Reference	Description
			Hand skimmers
1	874200	LS-310	PVC hand skimmer
2	874400	LS-400	Luxury hand skimmer, aluminium frame
			Leaf rakes
3	863400	AQ-600	Leaf rake, PVC
4	874800	LR-600	Luxury leaf rake, aluminium frame
5	874700	LR-700	Luxury leaf rake, extra-large leaf bag

THERMOMETERS

Family 3000



	Code	Description
		Floating thermometers
1	882800	Luxury thermometer: floating ring (flexible)
2	883050	Floating thermometer: blue ball
3	883100	Floating thermometer: boat

CHLORINE DISPENSER

Family 3000

Code	Description
892300	Retractable, floating chlorine dispenser



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WATER TREATMENT



Complies with the following standards:

NF EN 60335-1 May 2013: Safety of household devices. General requirements.

Directive 2014/35/EU: the Low Voltage directive.

NF EN 55014-1+A2 February 2012: Electromagnetic compatibility. Part 1. Emission.

NF EN 55014-2+A2 July 2015: Electromagnetic compatibility. Part 2. Immunity

Directive 2014/30/EC, the Electromagnetic compatibility directive

Pool technical directive DTP No. 15 : Electronic chlorination systems used to treat pool water.



- 364** PROFESSIONAL TEST KITS
- 365** TEST KITS
- 366** AUTOMATIC REGULATION
- 374** DOSING PUMPS
- 375** TEST STATION
- 376** BWT PEARL WATER
- 377** SALT WATER ELECTROLYSERS
- 381** ENVIRONMENTAL SOLUTIONS

PROFESSIONAL TEST KITS

ELECTRONIC TEST KITS

Family 2300



	Code	Description
Electronic testers		
1	889500	Electronic tester/ ORP
2	889300	TDS tester (to measure the salt concentration)
3	889400	Electronic pH tester

COLORIMETRIC KITS

Family 2300



	Code	Description
	885450	DPD no. 1 tablets Box of 250 tablets
	885850	DPD no. 3 tablets Box of 250 tablets
	886250	pH tablets Box of 250 tablets

PROFESSIONAL PHOTOMETERS PRO EXCLUSIVE

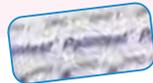
Family 2300



	Code	Description
Palintest photometers		
1	808050	Photometer Pooltest 3 Lumiso: Cl (free and total) - pH - cyanuric acid
2	808100	Photometer Pooltest 6 Lumiso: Cl (free and total) - Br - pH - cyanuric acid - TAC - TH
3	808200	Lumiso Pooltest Expert photometer - 34 parameters
Reagents for photometers		
4	885450	DPD no. 1 tablets box of 250 tablets
	885850	DPD no. 3 tablets box of 250 tablets
	886250	pH tablets box of 250 tablets
	886450	Stabiliser tablets - Cyanuric acid box of 250 tablets
	886650	TH no.1 and no.2 Calcium hardness tablets box of 2 x 250 tablets
	886550	Alcalinity tablets box of 250 tablets



NOTE: the tablets that should be used with Palintest photometers have black writing on them. These tablets are only suitable for DPD and pH colorimeters.



NEUTRAL- CHLORINE AND BROMINE NEUTRALISER

Family 4400



- Reduces the concentration of Chlorine and Bromine.
- May be used to remedy overchlorination or overbromination.
- Used to reduce the concentration of Chlorine or Bromine in backwash water or water drained from the pool.

Code	Description	Units per pallet	Sold as
8848105	Chlorine/ Bromine neutraliser, Neutral, 5 L	128	Box of 4

VISUAL TEST KITS

Family 4450



Note: tablets to be used with the Palintest visual test kit have green writing on them.

	Code	Descriptions	Parameters and quantities				
			pH	Free Chlorine	Bromine	Stabiliser (cyanuric acid)	TAC (alkalinity)
1	889200	Duo Test : 1 bottle pH, 1 bottle Chlorine (orthotolidine)	✓	✓			
1	889201	Duo Test: refills	✓	✓			
2	885200	Pooltest kit	20	20			
	885201	Pooltest kit : refills	30	20			
3	885250	Palintest pooltester - Chlorine	20	20			10
3	885260	Palintest pooltester - Bromine	20		20		10
	885251	Palintest pooltester Chlorine or Bromine: refill	20	20			10
4	885000	Palintest cyanuric acid				50	
	885001	Palintest cyanuric acid: refills				50	



The kits and test strips shown above are intended for use by the general public. The readings provided by these devices will not have the precision of a professional device.

	NEW BWT EasyDose				NEW BWT Manager Connect	
						
	pH+/-	ORP	ORP for electrolyser	Floc	pH+/-	ORP
POOL VOLUME	Indoor : 5 – 130 m ³ Outdoor : 5 – 110 m ³				Indoor : 5 – 130 m ³ Outdoor : 5 – 110 m ³	
FLOW RATE	1.5 L/h at 1.5 bar			15 at 150 ml/h at 1.5 bar	1.5 L/h at 1.5 bar	
POWER SUPPLY	230 Vac - 50/60 Hz - 9 W			100-240 Vac 50/60 Hz - 9W	230 ÷ Vac - 50/60 Hz - 20 W	
PUMP TYPE	Peristaltic				Peristaltic	
OPERATION	Proportional dosing	Proportional dosing	On/Off dosing	Continuous dosing	3 regulation modes: <ul style="list-style-type: none"> • All or nothing (with hysteresis) • Timer (operating periods and pauses set by the user) • Proportional (by modulating the duration of the operating periods and pauses according to the deviation of the measured value from the setpoint value). 	
ON/OFF SWITCH	✓	✓	✓	✓	✓	✓
CALIBRATION	Simplified sensor calibration with evaluation of the sensor's health			NA	Simplified sensor calibration with evaluation of the sensor's health	
DIMENSIONS	89 mm (L) x 138 mm (H) x 118 mm (W)				163 mm (L) x 210 mm (H) x 130 mm (H)	
MEASUREMENT SCALE	3.8-8.2 pH	400 – 999 mV	400 – 999 mV	NA	0-14 pH	0-999 mV
MEASUREMENT ACCURACY	±0.1 pH	±10 mV	±10 mV	NA	±0.02 pH	±3 mV
OPERATING TEMPERATURE	10 - 50 °C				10 - 50 °C	
SCREEN	High visibility LED screen, 7 segments				Graphic display (128x128 points)	
LANGUAGES	NA	NA	NA	NA	Menu 7 languages (EN, FR, IT, ES, DE, PT, NL)	
PROTECTION RATING	Protection rating IP65 and Class II electrical insulation				Protection rating IP65 and Class II electrical insulation	
CONNECTIVITY	NA	NA	NA	NA	The Wi-Fi module allows the pool to be controlled from the app	
FERRITE MAGNET	NA	NA	NA	NA	✓	✓
OVERDOSING ALARM	✓	✓	✓	NA	✓	✓
THRESHOLD OVERSHOOT ALARM	✓	✓	✓	NA	✓	✓
END OF TANK ALARM	NA	NA	NA	NA	✓	✓
SENSOR INCLUDED	<ul style="list-style-type: none"> • pH sensor • Single junction with 1.5 m cable 	<ul style="list-style-type: none"> • ORP sensor (platinum) • Single junction with 1.5 m cable 	<ul style="list-style-type: none"> • ORP sensor (gold) • Single junction with 1.5 m cable 	NA	<ul style="list-style-type: none"> • pH sensor • Single junction with 6 m cable 	<ul style="list-style-type: none"> • ORP sensor (platinum) • Single junction with 6 m cable
SUCTION TUBING INCLUDED	✓	✓	NA	✓	✓	✓
ACCESSORIES INCLUDED	<ul style="list-style-type: none"> • Installation kit • Calibration solution pH 4 and pH 7 • Mounting bracket DN50 for sensors and injection of chemicals 	<ul style="list-style-type: none"> • Installation kit • Calibration solution 465 MV • Mounting bracket DN50 for sensors and injection of chemicals 	<ul style="list-style-type: none"> • Installation kit • Calibration solution 465 MV • Mounting bracket DN50 for sensors 	<ul style="list-style-type: none"> • Installation kit • Mounting bracket DN50 for injection of flocculant 	<ul style="list-style-type: none"> • Installation kit • Calibration solution • Mounting bracket DN50 for sensors and injection of chemicals 	

NEW				REGUL SYSTEM BWT - P	
BWT Manager Connect Duo				REGUL SYSTEM BWT - P	
pH+/- & ORP Free assembly or panel mounted (Sensor housing included)		pH+/- & ORP + Free Chlorine Open Panel mounted		pH+/- & ORP + Free Chlorine Closed Panel mounted	
Indoor : 5 - 130 m ³ Outdoor : 5 - 110 m ³		Indoor : 50 - 350 m ³ Outdoor : 50 - 300 m ³		Indoor : 50 - 350 m ³ Outdoor : 50 - 300 m ³	
1.5 L/h at 1.5 Bar		5 L/h at 1.5 bar		2.4 L/h	
230 Vac - 50/60 Hz - 28 W				230 VAC +/-10 % 50 Hz	
Peristaltic				Peristaltic	
3 regulation modes: <ul style="list-style-type: none"> • All or nothing (with hysteresis) • Timer (operating periods and pauses set by the user) • Proportional (by modulating the duration of the operating periods and pauses according to the deviation of the measured value from the setpoint value).				On/Off or Linear proportional	
✓		✓		✗	
Simplified sensor calibration with evaluation of the sensor's health				Semi-automatic, using a reference device or specific calibration liquids	
210 mm (l) x 210 mm (h) x 130 mm (w)				257*226	
0-14 pH 0-999 mV		0-14 pH 0-5 ppm (CU-PT electrodes) 0-999 mV		0-14 pH 0-10 ppm (Organic/Inorganic Chlorine) 0-999 mV	
±0.02 pH; ±3 mV		±0.02 pH; ±3 mV; ±0.05 ppm		±0.02 pH; ±3 mV; ±0.05 ppm	
10 - 50 °C				5 °C to 40 °C	
Graphic display (128x128 points)				Touch screen LCD 320x240 backlit White 3.5 inches	
Menu 7 languages (EN, FR, IT, ES, DE, PT, NL)				9 languages (FR, EN, IT, DE, ES, NL, POL, PT, TR)	
Protection rating IP65 and Class II electrical insulation				IP 54	
The Wi-Fi module allows the pool to be controlled from the app				Wifi USB key	
✓		✓		✗	
✓		✓		✓	
✓		✓		✓ (Threshold to be defined)	
✓		✓		✓ (option)	
<ul style="list-style-type: none"> • pH & ORP sensor • Single junction with 6 m cable • Temperature sensor 		<ul style="list-style-type: none"> • pH & ORP sensor • Single junction with 6 m cable • Amperometric sensor for organic Chlorine (CU+PT electrode) • Temperature sensor 		<ul style="list-style-type: none"> • pH & ORP sensor • Single junction with 6 m cable • Organic Chlorine (Sensor FCL-2) • Temperature sensor 	
✓		✓		✓	
<ul style="list-style-type: none"> • Installation kit • Calibration solution • Mounting bracket DN50 for sensors and injection of chemicals 		<ul style="list-style-type: none"> • Installation kit • Calibration solution • Wall-mounted sensor housing 		<ul style="list-style-type: none"> • Installation kit • Calibration solution • Wall-mounted sensor housing 	
				• Strainer	

BWT EASYDOSE

*BWT's know-how
at your fingertips*



3 roller assembly

For improved product dosing consistency and precision !

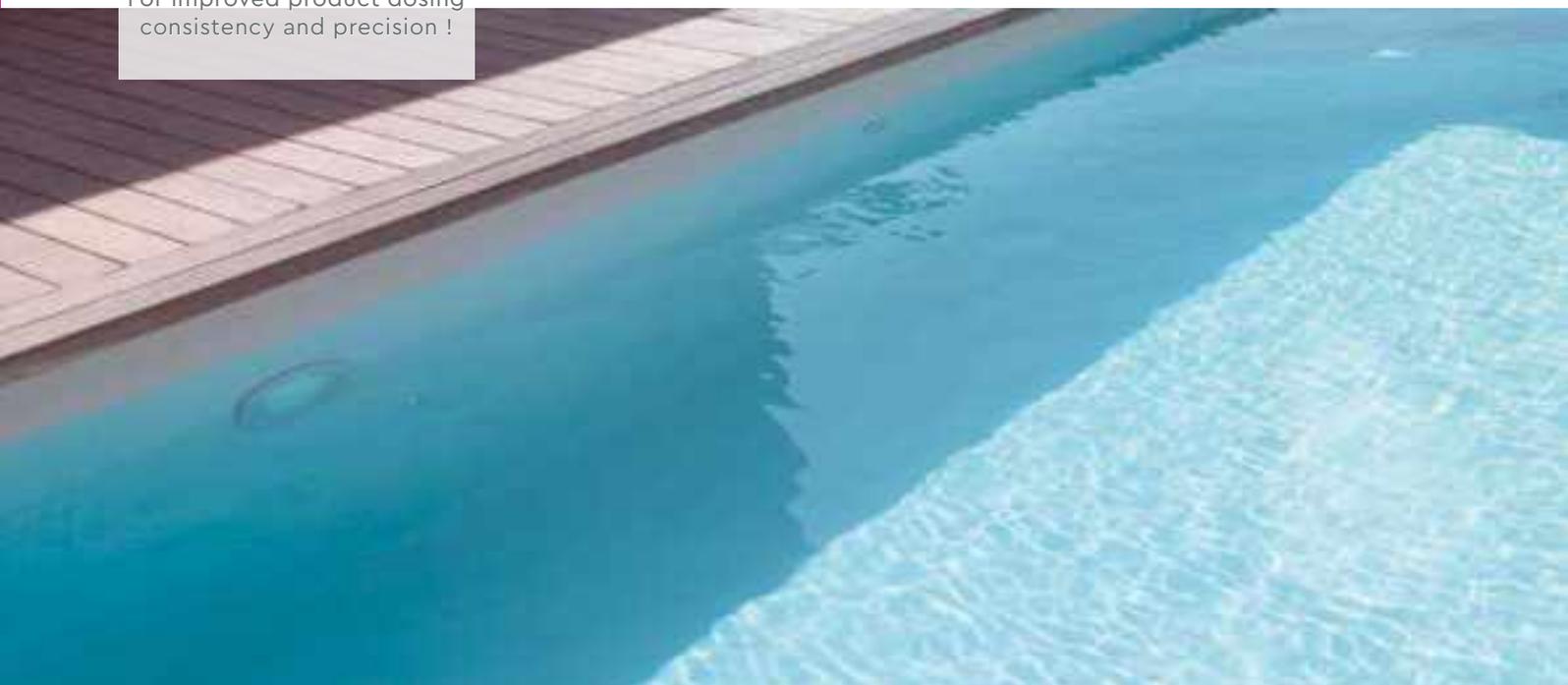


- The 3 roller pump assembly provides for better product dosing consistency and precision.
- A simplified locking and unlocking system (no screws) allows rapid intervention on the tubing.
- Alarms: overdosing and threshold overshoot alarm.

The EasyDose range of peristaltic pumps includes pH, ORP (conventional and electrolyser) and flocculant pump versions.

Real time digital display of the measured values. The device is pre-wired to allow rapid installation without any need to open the device to access internal electronics. Leaktightness of the pump is guaranteed.

Code	Description
125575204	BWT EasyDose - pH
125575205	BWT EasyDose - ORP
125575206	BWT EasyDose - ORP for electrolyser
125575207	BWT EasyDose - Flocc



BWT MANAGER CONNECT

BWT's expertise for optimal water quality



- The 3 roller pump assembly provides for better product dosing consistency and precision.
- A simplified locking and unlocking system (no screws) allows rapid intervention on the tubing.
- Connectivity – using the BWT at home app the pump can be controlled remotely from a smart device.
- Alarms: overdosing, end of tank and threshold overshoot alarm.

The BWT Manager Connect range of peristaltic pumps is comprised of a pH and a ORP version.

The installation kit and external connectors allow for rapid installation.

Parameter setting is facilitated by its large digital display, 7 language menu and pre-set values.

Code	Description
125575208	BWT Manager Connect – pH
125575209	BWT Manager Connect – ORP



BWT Home



Quick-fit watertight connectors

To facilitate installation of the device, all connections are on the outside.



Large Touch screen

Pre-set values and a menu in 7 languages facilitate parameter setting.



BWT MANAGER CONNECT DUO - PH/ORP FOR PRIVATE POOLS AND SPAS



BWT Home



*BWT expertise
for optimal water quality*

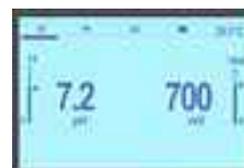


- The 3 roller pump assembly provides for better product dosing consistency and precision.
- A simplified locking and unlocking system (no screws) allows rapid intervention on the tubing.
- Connectivity – using the BWT at home app the pump can be controlled remotely from a smart device.
- Alarms: overdosing, end of tank and threshold overshoot alarm.

The BWT Manager Connect Duo pH/ORP range of peristaltic pumps simultaneously analyses two parameters, pH and ORP, for optimum management of water quality.

The installation kit and external connectors allow for rapid installation.

Parameter setting is facilitated by its large digital display, 7 language menu and pre-set values.



Large Touch screen

Pre-set values and a menu in 7 languages facilitate parameter setting.

Code	Désignation
125575210	BWT Manager Connect Duo pH/ORP
125575211	BWT Manager Connect Duo pH/ORP panel mounted
125575212	BWT Manager Connect Duo pH/ORP SPA

BWT MANAGER CONNECT DUO - PH/ORP + FREE CHLORINE FOR COMMERCIAL POOLS

BWT expertise working for commercial pools



BWT Home



- An installation kit and external connectors allow for fast installation.
- The large digital display, menu in 7 languages, and pre-set values facilitate parameter setting.
- The 3 roller head assembly improves product dosing consistency and precision.
- A simplified locking and unlocking system (no screws) allows rapid intervention on the tubing.
- Connectivity – using the BWT at home app the pump can be controlled remotely from a smart device.
- Alarms: Overdosing, end of tank, threshold overshoot.

The BWT Manager Connect Duo pH/ORP + Free Chlorine range consists of amperometric regulation pumps pre-mounted on panels, ready to install.

These devices simultaneously analyse the pH and ORP values and regulate the concentration of free Chlorine using ORP or amperometric measurements and regulate the pH allowing for the professional management of commercial pools.

The range is comprised of two types of cells: open or closed.



Amperometric cell

Open



Amperometric cell

Closed



Quick-fit, leaktight connectors

All connections for installation of the device are on the outside.



3 roller assembly

For improved product dosing consistency and precision!

Code	Désignation
125575213	BWT Manager Connect Duo pH/ORP+Free Cl-open
125575214	BWT Manager Connect Duo pH/ORP+Free Cl-closed



A regulation panel for SPAs with a closed amperometric sensor is available. Code 125575212
Contact your agency for further information and pricing.



Use of the open amperometric cell:

- Alkalinity must be greater than 80 mg/L CaCO₃
- Cyanuric acid concentration must be less than 110 mg/L.
- Sensor maintenance: clean the Copper electrode once a month.

Use of the closed amperometric cell:

- Alkalinity must be greater than 80 mg/L CaCO₃
- Cyanuric acid concentration must be less than 50 mg/L.
- Sensor not compatible with sea water.
- Sensor maintenance: replace the electrolyte every 3 months and replace the membrane every year



Reliable, robust, efficient



	REGUL SYSTEM BWT – P Free mounting	REGUL SYSTEM BWT – P Pre-mounted on a panel
Regul-System BWT – P	✓	✓ mounted on a panel with 2 analysis chambers, one with a filter
pH sensor with 6 m cable	✓	✓
ORP sensor with 6 m cable	✓	✓
Saddle clamps (x2)	✓ for sensors	✓ for sampling
Sampling rods 5x8 – 1"1/2M (x2)		✓ mounted on a ¼ turn valve
1 PE tube 5x8, 5m		✓ to supply the analysis chambers
Saddle clamps for injection (x2)	✓	✓
Injection rods 4x6 – 1"1/2 M (x2)	✓	✓
Suction strainers, 4x6 (x2)	✓	✓
Transparent tubing 4x6, 2.5m for suction (x2)	✓	✓
PE tubing 4x6, 2.5m for injection (x2)	✓	✓
pH 7 solution and one 465mV ORP solution	✓	✓
Roll of Teflon	✓	✓
Fastening kit, bushings, screws, washers, nuts	✓	✓ + rubber bumper to hold the panel away from the wall



i **New legislation governing explosive precursors:**
Regul System BWT-P systems are 100% compatible with Sulphuric acid and Hydrogen Peroxide concentrations recommended in the new legislation in effect in France.

REGUL SYSTEM BWT – P **PRO EXCLUSIVE**

Packed full of technology, so easy to operate!



- Electronic regulation of pH and disinfection of the pool.
- Easy, intuitive programming thanks to the touch screen for simple, direct navigation.
- Silent, reliable, self-priming peristaltic 2.4l/h pumps for pools up to 100m³.



2

Simple, efficient treatment of your pool water.

The BWT-P Regul System is packed with latest generation technology and is very easy to use. Regul System BWT-P automatic regulation guarantees uninterrupted, flawless water treatment for your total peace of mind.

Programming, using its touch screen, is easy and intuitive. On the pre-mounted panel version, the sensors installed in the analysis chambers are protected during the pool season and can be easily winterized thanks to the two 1/4 turn valves installed on the sampling lines.

Automatic regulation 100% made in France.

General specifications

- pH and ORP sensors delivered with winterizing sleeves
- Pressure: 3 bar
- Cable length: 6 m
- Continuous self-diagnostics of electrodes
- Choice of dosing modes: proportional or hysteresis
- Control over the quantity of injected products with overdosing alarm
- Daily dosing time safety, can be adjusted to the pool volume
- Independent timer relay (for injection of flocculant for example)
- 100% French design and manufacture
- 3 year guarantee – excluding wear parts (sensors, tubing, etc.)

	Code	Description
1	9148500	Regul System BWT – P – Free mounting
2	9148600	Regul System BWT – P – Pre-mounted on a panel



A "circular menu" to facilitate programming



+ **PRODUCT**

- Components in contact with liquids are made of PVDF to ensure broad chemical compatibility.
- Membrane made of very long service life pure PTFE.
- A "circular menu" with direct access to the most frequently used functions makes programming easy.

i

The pumps are delivered with all the elements required for their installation and operation:

- pH or OR sensor
- Buffer solutions
- Sensor housing
- Wall mounting bracket
- Injection valve.



	Code	Description
1	125575201	BWT EDP 5.5 pH
2	125575202	BWT EDP 5.5 ORP
3	125575203	BWT EDP 5.5 Duo pH/ORP

Scan to watch the video!



TEST STATION

Family 4455

BWT PEARL WATER MANAGER **PRO EXCLUSIVE**

Comfort

Health

Control

Savings

BWT Pearl Water Manager

A guardian angel for your pool

- PEARL WATER MANAGER can watch over pools treated with Chlorine, Bromine and by salt electrolysis.
- Data transferred by WiFi.
- Intuitive, scalable application.
- Long life battery: charge the module once each season.
- Robust Plug&Play sensors, guaranteed 2 years.

TREATING YOUR POOL WATER? IT'S EASY WITH PEARL WATER MANAGER!
 PEARL WATER MANAGER is a compact smart module that analyses and tests your pool water parameters in real time. It predicts local weather patterns, makes recommendations and sends them to your smart phone.



Temperature, pH, ORP, salinity, conductivity, algae and scale content, the presence of invisible bacteria, etc. PEARL WATER MANAGER keeps you continuously informed if your pool water is really safe for swimming or if it requires attention. A precious tool for a worry-free safe and pleasant bathing experience.

PEARL WATER MANAGER's on-board artificial intelligence monitors local weather forecasts and modifies its recommendations to adapt to sudden temperature spikes or storms. Just what you need to act in time and prevent your pool water turning green.

By continuously monitoring the pool water, PEARL WATER MANAGER predicts water imbalances and reduces the use of pool chemicals. Good for you, good for the environment.

PEARL WATER MANAGER radically simplifies pool care and maintenance. It prevents dosing errors and avoids the unpleasantness of water that irritates the skin and attacks pool equipment.

Constantly connected, PEARL WATER MANAGER watches over your pool water 24/7. Information is sent to you wherever you are, in real time.



Analysis



Notifications



Recommendations

Code	Description
125503399	BWT Pearl Water Manager WIFI connected test station
125503400	BWT Pearl Water Manager WIFI connected salt test station

Code	Description
1 125258727	pH & ORP calibration kit



WATER TREATMENT



BWT PEARL WATER FOR YOUR POOL

Silky-soft, limescale free & pH-neutral

Feel the difference with silky soft Procopi BWT Group pearl water; velvety smooth skin, soft shiny hair brought to you by the BWT Home Pearl water generator.

Limescale deposits along the water line, on the pool cover and throughout the installation become a thing of the past because Procopi BWT Group Pearl water is soft. A true source of wellness, protection and savings – as good for the environment as it is for your pocket!

Our in-house developers worked hard to come up with a compact, modular design that allows the BWT Home Pearl water generator to slot easily into any pool equipment room.

An entirely new set of unique features were developed for the BWT Home Pearl water generator. The smart control system continuously adapts the machine's production to the pool water meaning it is energy efficient and consumes fewer resources.

Automatic operation

Once configured, the pearl water system runs completely automatically.

Status display

LED indicator to signal low operating product levels and system malfunctions.

Smart

Configuration of the BWT Pearl water generator via WLAN is simple and uncomplicated.

Autonomous

An in-built booster pump maintains a constant pressure, the pool's filter pump is not solicited.

Efficient

Completely new functionality, the Home Pearl water generator's production continuously adapts to the current condition of the pool water. Efficiency and energy savings are guaranteed.

Compact

Compact design with space-saving dimensions..

Can be retrofitted to existing pools

Compatible with new and existing pool installations.



Technical specifications

- Installation: Plug & play
- Power supply: 1~230 V/50 Hz
- Power cable: 1 m
- Operating product: BWT Perla Tabs
- Salt storage: 12 kg
- Pool size: up to 100 m³
- Partial flow: 1200 l/h
- Operating mode: automatic
- WIFI: yes
- LED indicator light: yes
- Dimensions (L x W x H): 480 x 540 x 1000 mm
- Weight: 75 kg

Code	Description
125298982	BWT Pearl Water Generator Home

New generation electrolyser



Technical data

- Salt electrolyser with a wide range of Chlorine production levels 8, 16, 22 g/h
- Selection of the Cl production level via the LCD display
- Transparent cell allows visual monitoring of production
- Water flow rate controlled by gas sensor included as standard (if the cell is mounted vertically)
- 5 production level settings (20, 40, 60, 80 and 100%)



	BWT E8	BWT E16	BWT E22
Production g/h	8	16	22
Pools up to m ³	35	75	100
Salinity	3 to 35 g/L, ideal range 3.5 to 4 g/L		
Display	LED		
Safety rating	IP 65		
Super chlorination mode	✓	✓	✓
Manual Cl regulation, as a %	✓	✓	✓
Water level control by gas sensor	✓	✓	✓
Chlorine production reduced on detection of an automatic cover	✓	✓	✓
Flow Switch	Option NEW		
Alarms	Salt level/ flow rate		

Code	Description
125254488	BWT Electrolyser E8
125254489	BWT Electrolyser E16
125254490	BWT Electrolyser E22

BWT ELECTROLYSER OPTIONS

Code	Description
125254504	Wifi module for Electrolyser PRO & LS
1 125254565	pH kit for Electrolyser PRO & LS
2 125254566	ORP kit for Electrolyser PRO & LS



SALT PELLETS

Code	Description
9109100	Pallet of pool grade salt in pellets 1000 kg pellet



Pool grade salt complies with the standard EN 16-401



Technical data

- Salt electrolyser that can pilot pool equipment
- Wide range of Chlorine production levels 16, 22, 33 g/h to cover the requirement of all pools on the market
- Transparent cell to allow visual monitoring of production
- Water flow rate controlled by gas sensor included as standard (if the cell is mounted vertically)
- Slaving of the filtration pump and lighting
- No need for an additional transformer for LED underwater lights up to 50W, power is supplied directly by the control box
- pH, ORP regulation kits and mechanical flow sensor available as options.
- WiFi connection kit available as an option: Allows all functions to be controlled and saved at a distance

	BWT PRO A8	BWT PRO A16	BWT PRO A22	BWT PRO A33
Production g/h	8	16	22	33
Pools up to m ³	30	75	100	150
Salinity	3 to 35 g/L, ideal range 3.5 to 4 g/L			
Display	Graphic display, displays current production level, cover, pH*, mV*.			
Protection	IP 65			
Temperature display	✓	✓	✓	✓
Language selection (12 languages)	✓	✓	✓	✓
Super chlorination mode	✓	✓	✓	✓
Manual regulation of Chlorine in 1 g steps	✓	✓	✓	✓
Automatic Chlorine regulation	Option			
pH regulation	Option			
Control of underwater lights (up to 50 W)	✓	✓	✓	✓
Control of the filtration pump	✓	✓	✓	✓
Slaving VS pumps	✓	✓	✓	✓
Chlorine production reduced on detection of an automatic cover	✓	✓	✓	✓
Cl production adjustment Smart mode	✓	✓	✓	✓
Water level control by gas sensor	✓	✓	✓	✓
Automatic cleaning	Programmable up to 999 min.			
Alarms	Low salt level / no flow / pH			
Flow Switch	✓	✓	✓	✓
Dimensions of the control box	254 × 298 × 133			
Wifi module	Option			

*optional



Options available for the 3 models : pH, Rx, Wifi, remote control via smartphone, Flow sensor

Code	Description
125560504	BWT Electrolyseur PRO A8
125560505	BWT Electrolyseur PRO A8 + Kit pH standard
125560506	BWT Electrolyseur PRO A8 + Kit pH + ORP standard
125254492	BWT Electrolyser PRO A16
125254495	BWT Electrolyser PRO A16 + standard pH kit
125254501	BWT Electrolyser PRO A16 + Standard pH + ORP kit
125254493	BWT Electrolyser PRO A22
125254496	BWT Electrolyser PRO A22 + standard pH kit
125254502	BWT Electrolyser PRO A22 + Standard pH + ORP kit
125254494	BWT Electrolyser PRO A33
125254497	BWT Electrolyser PRO A33 + standard pH kit
125254503	BWT Electrolyser PRO A33 + kit pH + ORP standard



- Innovative water disinfection technology that combines two types of disinfection: active Chlorine generated by the electrolysis of salt water (1.5 g/l salt in the pool water) and free radicals, produced by the hydrolysis of water, that have twice the disinfection potential of free Chlorine.
- The BWT Pro LS electrolyser requires a salt concentration of only 1.5 g/L, much lower than conventional salt electrolysers, which has several advantages:
 - Less oxidation of metal parts because there is less salt,
 - Less salt consumed,
 - Lower maintenance costs,
 - Fewer chloramines.



Technical data

- Salt electrolyser (low concentration) that can control pool equipment.
- Wide range of Chlorine production levels (equivalent 15, 30, 45 gr/h) 16, 22, 33 g/h to cover the requirement of all pools on the market.
- Transparent cell to allow visual monitoring of production (except for the LS300 model that is controlled with a flow switch).
- Water flow rate controlled by gas sensor included as standard (if the cell is mounted vertically, except for the LS300 which is controlled with a flow switch as standard).
- Mechanical flow sensors as standard.
- Slaving of the filtration pump and lighting.
- No need for an additional transformer for LED underwater lights up to 50W, power is supplied directly by the control box.
- pH, ORP regulation kits available as an option.
- WiFi connection kit available as an option: Allows all functions to be controlled and saved at a distance via an app.
- Temperature sensor as standard for Chlorine generation in smart mode.



SALT WATER ELECTROLYSERS

BWT PRO LS ELECTROLYSER - LOW SALINITY **PRO EXCLUSIVE**

Family 4600

	BWT PRO LS 60	BWT PRO LS 120	BWT PRO LS 150
Production g/h	16	22	33
Pools up to m ³	60	120	150
Salinity	from 1.5gr/L		
Display	Graphic display, displays current production level, cover, pH*, mV*.		
Protection	IP 65		
Temperature display	✓	✓	✓
Language selection (12 languages)	✓	✓	✓
Super chlorination mode	✓	✓	✓
Manual regulation of Chlorine in 1 % steps	✓	✓	✓
Automatic Chlorine regulation via ORP measurements	Option		
pH regulation	Option		
Control of underwater lights (up to 50 W)	✓	✓	✓
Control of the filtration pump	✓	✓	✓
Slaving variable speed pumps	✓	✓	✓
Chlorine production reduced on detection of an automatic cover	✓	✓	✓
Cl production adjustment Smart mode	✓	✓	✓
Water level control by gas sensor	✓	✓	Flow switch
Automatic cleaning	Programmable up to 999 min.		
Alarms	Low salt level / no flow / pH		
Dimensions of the control box	254 × 298 × 133		
Flow switch	✓	✓	✓
Wifi module	Option		

Code	BWT PRO LS electrolyser
125300676	BWT Electrolyser PRO LS 60
125300677	BWT Electrolyser PRO LS 120
125300678	BWT Electrolyser PRO LS 150
125300679	BWT Electrolyser PRO LS 60 + kit pH Std
125300680	BWT Electrolyser PRO LS 120 + kit pH Std
125300681	BWT Electrolyser PRO LS 150 + kit pH Std
125300682	BWT Electrolyser PRO LS 60 + kit pH + Rx Std
125300683	BWT Electrolyser PRO LS 120 + kit pH + Rx Std
125300684	BWT Electrolyser PRO LS 150 + kit pH + Rx Std

BWT ELECTROLYSER OPTION **PRO EXCLUSIVE**

Family 4640



	Code	Electrolysers and options
	125254504	Wifi module for Electrolyser PRO & LS
1	125254565	pH kit for Electrolyser PRO & LS
2	125254566	ORP kit for Electrolyser PRO & LS



DECHLORINATOR

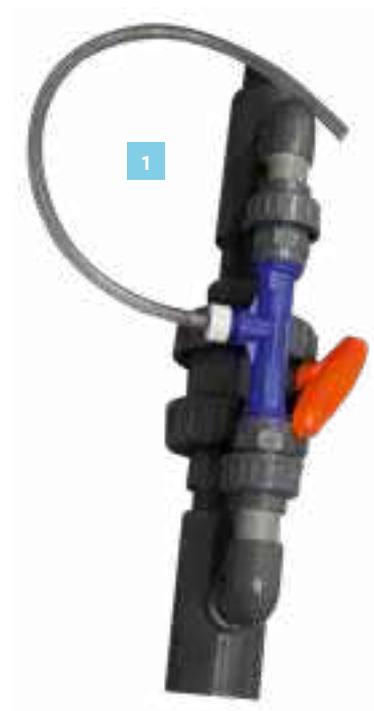
Family 4400

Being highly aware of the impact that chlorinated waste water can have on the environment, Procopi BWT Group developed the backwash water dechlorinator.

The system can be installed quickly and easily on the waste line of any filter. During a back wash, or while draining the pool, waste chlorinated water is mixed with a neutralising agent (2) by a venturi system (1), the resulting dechlorinated water can then be released to waste.

This "neutralised water" can be stored and subsequently used to water the garden or wash the car.

	Code	Description	Union
1	9120010	Venturi dechlorinator of backwash water	union Ø 50, solvent
2	8848105	Chlorine neutraliser, Neutral, 5 L	





14 SPAS

Complies with the following standards:

Directive 2014/35/EU the Low Voltage directive

Directive 2014/30/EU the Electromagnetic Compatibility directive

Directive 2011/65/EU: the ROHS 2 directive. Reduction of Hazardous Substances in electrical and electronic devices

EN 60335-1 May 2013 - Household devices and similar General requirements

EN 60335-2-60 +A1+A2+A11+A12 July 2010 : Household devices - regulations specific to spas

EN 55014-1 + A2 February 2012: Electromagnetic Compatibility Part 1: Emission

EN 55014-2 July 2015: Electromagnetic Compatibility Part 2: Immunity).



- 384** BWT SPAS
- 386** BWT SPA EQUIPMENT
- 388** BWT SPAS - ST 2.18 - 2 MASSAGE STATIONS
- 390** BWT SPAS - ST 3.17 - 3 MASSAGE STATIONS
- 392** BWT SPAS - ST 4.31 - 4 MASSAGE STATIONS
- 394** SPA ACCESSORIES
- 395** CONCRETE SPAS
- 397** OVERFLOW SPAS





MODEL	SPAS BWT 2.18	SPAS BWT 3.17	SPAS BWT 4.31
TECHNICAL DATA			
SPA DIMENSIONS	198 cm (L) x 141 cm (W) x 66 cm (H)	213 cm (L) x 168 cm (W) x 80 cm (H)	200 cm (L) x 200 cm (W) x 80 cm (H)
STEPS	98 cm (L) x 45,5 cm (W) x 41 cm (H)	106 cm (L) x 55 cm (W) x 42 cm (H)	122 cm (L) x 55 cm (W) x 42 cm (H)
WEIGHT	Empty weight: 230 kg Filled weight: 720 kg	Empty weight: 250 kg Filled weight: 1,000 kg	Empty weight: 300 kg Filled weight: 1,300 kg
WATER VOLUME	490 Litres	750 Litres	1 000 Litres
SPA SURROUND			
EQUIPMENT			
MASSAGE STATIONS	2 loungers facing each other	1 loungers 2 bucket seats 1 child seat	2 loungers 2 bucket seats
PUMP(S)	1 two-speed pump, 1.8 kW	1 two-speed pump, 2.4 kW	1 two-speed pump, 2.4 kW 1 single speed pump, 2.4 kW
HYDROMASSAGE	18 Jets	19 Jets	35 Jets
STAINLESS STEEL JETS	PVC Jets		
AIR MESSAGE JETS (BLOWER)			16 Jets
CHROMATHERAPY (LED LIGHTING)			
CONTROL PANEL			
SKIMMER	1 Cartridge, 3.2 m ²	2 Cartridges, 3.2 m ²	2 Cartridges, 3.2 m ²
HEAD RESTS	2	3	4
MAIN DRAINS	1	2	3
RIGID COVER			
ELECTRICAL HEATER	2 kW	3 kW	3 kW
START-UP KIT			
DRAINAGE VALVE			
GUARANTEES			
SHELL	2 years	5 years	5 years
PLUMBING COMPONENTS	2 years	2 years	2 years
PAGE	388	390	392

MADE IN FRANCE

BWT spas are the result of Research and Development by a leading French company.

They offer the peace of mind that comes from knowing that these spas are made on Breton soil, in northern France, an area known for its skilled labour and conscientious work ethic.

CONTROL PANEL

Simply, at the touch of a button, you control a release of bubbles to complement your state of mind and your needs in that moment.



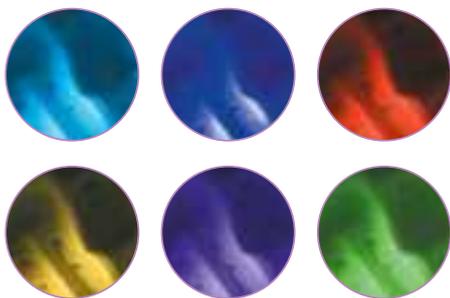
...wherever you want

Indoors, or in your garden, our spas embellish any space. The superb surrounds ensure seamless integration, indoors or outdoors.



CHROMATHERAPY

Ten different colours are available to create a unique atmosphere and enjoy the benefits of chromatherapy.



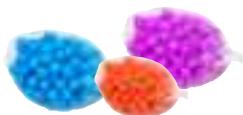
AN OCEAN OF BUBBLES

Massage pumps generate thousands of bubbles that rise to the surface providing a powerful massage or voluptuous sensations, whatever you need.



AROMATHERAPY

The power of the olfactory sense.



ISOTHERMAL COVER

The isothermal safety cover keeps the water clean and warm.



SPA SHELL & SURROUND

Marbled white, and composite or solid wood surround.



Marbled white



Wengé / Solid oiled wood



Grey composite wood



Coral composite wood

INSULATION

Antibacterial felt insulation 6 mm thick, provides the very best in insulation.



BWT SPAS - ST 2.18 - 2 MASSAGE STATIONS

BWT ST 2.18 - 2 MASSAGE STATIONS

+ PRODUCT

- 2 massage stations
- 2 loungers facing each other
- Portable version



Jets with PVC finish



Marbled white



Grey composite wood



LOUNGER

Neck: 2 directional jets 70 mm
 Shoulders: 3 rotating jets 95 mm
 Back: 2 directional jets 95 mm
 Lumbar : 2 directional jets 70 mm

AIR CONTROL

SKIMMER
 (1 cartridge)

LED UNDERWATER LIGHT

DIGITAL CONTROL PANEL

AIR CONTROL

LOUNGER
 Neck: 2 directional jets 70 mm
 Shoulders: 3 directional jets 95 mm
 Back: 2 directional jets 95 mm
 Lumbar: 2 directional jets 70 mm

DIVERTING VALVE

ACCESSORIES INCLUDED WITH THE SPA:



Access steps



Rigid covers
(delivered with
locking clips)



WEIGHT / VOLUME / DIMENSIONS / FLOW RATES

- » Empty weight: 230 Kg / Filled weight: 720 Kg / Water volume: 490 litres
- » Portable version: 198 cm (L) x 141 cm (W) x 66 cm (H)
- » Removable steps: 98 cm (L) x 45.5 cm (W) x 41 cm (H)
- » Jet and spa pack flow rates: 26 m³/h

EQUIPMENT

- » 1 multi-coloured LED light
- » 1 Skimmer (1 cartridge, 3.2 m²)
- » 2 Head rests
- » 1 Rigid cover
- » 1 Main drain
- » 1 Spa pack:
 - 1 electronic control panel with 1 electrical heater, 2 kW
 - 1 two-speed pump
- » 1 Step

2 MASSAGE STATIONS, 18 JETS



3 Rotating jets
95 mm



7 Directional jets
95 mm



8 Directional jets
70 mm

Code	Description
31540805	Spa 2.18 marbled white with PVC jets and a composite grey surround Pick-up/ Delivery
31090420	Delivery directly to the Customer site, no forklift and no appointment
31090500	Pick up from a BWT Pool Product agency or factory

BWT SPAS - ST 3.17 - 3 MASSAGE STATIONS

BWT ST 3.17 - 3 MASSAGE STATIONS

+ **Product**

- 3 massage stations
- 1 loungers
- 1 Child seat
- Portable version



GOOD THINGS REALLY DO COME IN SMALL PARCELS

With its small footprint, a BWT ST 3.17 spa slips easily into any surroundings.

Small in size but large in spirit, the BWT ST 3.17 spa features two bucket seats and one lounge seat where 17 massage jets provide an effective, soothing and stress relieving massage.

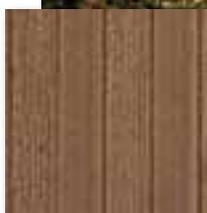
The BWT ST 3.17 spa is the perfect setting to create unforgettable memories.



Marbled white



Grey composite wood



Coral composite wood



Stainless steel jets

Standard equipment

- 1 Multicolour LED light
- 1 Skimmer (2 cartridges, 3.2 m²)
- 3 Head rests
- 2 Main drains
- 1 Step
- 1 Rigid cover
- 1 Spa pack BP601
- 1 Start-up kit
- 1 Drainage valve

Weight/ Dimensions

Empty weight: 250 kg
 Filled weight: 1 000 kg
 Water volume: 750 litres
 Spa dimensions (overall)
 Portable: 213 (L) x 168 (W) x 80 (H)
 Step dimensions (overall)
 106 (L) x 55 (W) x 42 (H)
 Dimensions are quoted in cm

Hydromassage

- 19 hydromassage jets
- 5 Rotating jets 95mm
 - 7 Directional jets 95mm
 - 5 Directional jets 70mm
 - 2 Directional jets 70mm

BWT SPAS- ST 3.17 - 3 MASSAGE STATIONS



Code	Description
31030000	Spa 3.19 marbled white with stainless steel jets and coral composite surround
31040000	Spa 3.19 marbled white with stainless steel jets and grey composite surround
	Pick-up/ Delivery
31090420	Delivery directly to the Customer site, no forklift and no appointment
31090500	Pick up from a Procopi agency or factory

BWT SPAS - ST 4.31 - 4 MASSAGE STATIONS

BWT ST 4.31 - 4 MASSAGE STATIONS

+ **PRODUCT**

- 4 massage stations
- 2 loungers
- 2 bucket seats
- Portable version



WELL-BEING GUARANTEED WITH THE BWT ST 4.31

The BWT ST 4.31 spa design is sure to procure unforgettable moments of well-being and relaxation. Able to accommodate up to 4 people, the BWT ST 4.31 spa features 31 massage nozzles and 16 air massage jets (blower version) providing an optimum massage for each user.

The lines of the BWT ST 4.31 spa follow the contours of your body, and the loungers are arranged to face each other, convivial relaxation is inevitable.



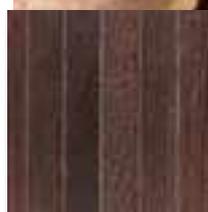
Marbled white



Grey composite wood



Coral composite wood



Wengé / Solid oiled wood



Stainless steel jets

Weight/ Dimensions

- Empty weight: 300 kg
- Filled weight: 1300 kg
- Water volume: 1000 litres
- Spa dimensions (overall)
- Portable: 200 (L) x 200 (W) x 80 (H)
- Step dimensions (overall)
- 122 (L) x 55 (W) x 42 (H)
- Dimensions are quoted in cm

Hydromassage

- 31 Hydromassage jets
- 5 Dual-rotating jets 95mm
- 5 Rotating jets 95mm
- 6 Directional jets 95mm
- 15 Directional jets 70mm
- 4 Directional jets 70mm

Air massage jets

- 16 Jets (with Blower option)

Standard equipment

- 1 Multicolour LED light
- 1 Skimmer (2 cartridges, 3.2 m²)
- 4 Head rests
- 3 Main drains
- 1 Step
- 1 Rigid cover
- 1 spa pack BP800X
- 1 Start-up kit
- 1 Drainage valve



BWT SPAS - ST 4.31 - 4 MASSAGE STATIONS



Code	Description
31130200	Spa 4.31 marbled white with stainless steel jets, coral composite surround and blower
31140200	Spa 4.31 marbled white with stainless steel jets, grey composite surround and blower
31180301	Spa 4.31 marbled white with stainless steel jets, wengé surround, blower and chromatherapy
	Pick-up/ Delivery
31090420	Delivery directly to the Customer site, no forklift and no appointment
31090500	Pick up from a Procopi agency or factory

SPA ACCESSORIES

SPARE CARTRIDGES

Family 550

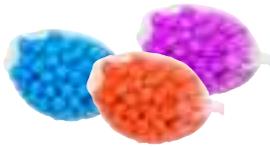


Code	Description
31090199	Cartridge SF-1C for spas•
31090195	Cartridge SF-2C for spas••
31393980	Spa skimmer cartridge, anthracite grey

- Cartridge for ST 2.18 spa
- Cartridge for ST 3.17 and ST 4.31 spas

AROMATHERAPY

Family 8400



Code	Description
31597055	Box of 4 aromatherapy fragrances

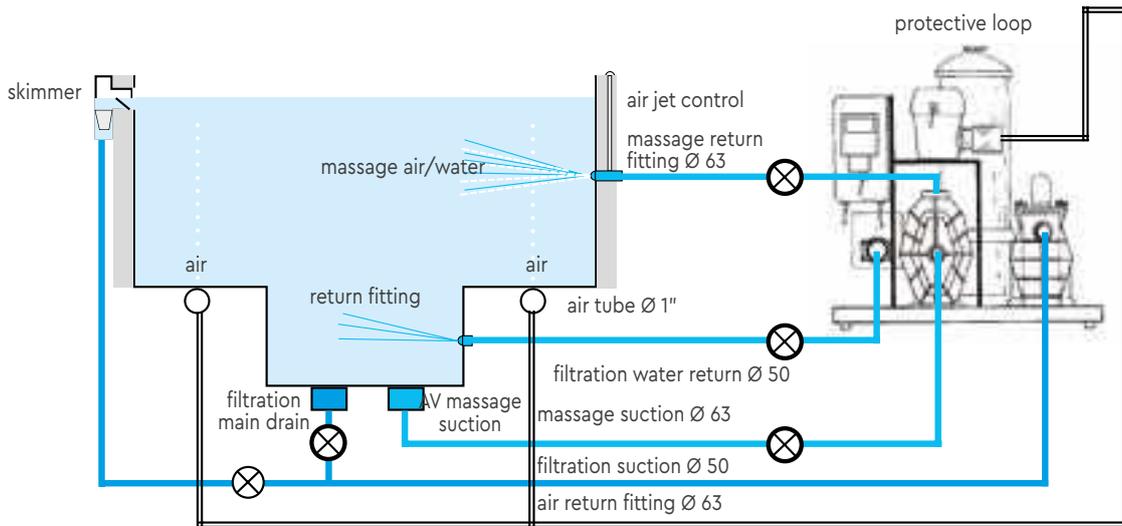
Technical data:

Relaxing, invigorating, refreshing, bewitching, choose a fragrance to evoke a mood and enjoy the dramatic impact on your mind and body. The blower propels air through the air jets located under your thighs, producing waves of tiny, scent laden bubbles that rise to the surface where they burst, releasing their fragrance and promoting a feeling of well-being and relaxation.

- Chamomile = Calming
- Lavander = Relaxing
- Eucalyptus = Energising
- Rose = Romantic



CONCRETE SPA SCHEMATIC DIAGRAM



CONCRETE SPA FITTINGS

Family 8750



Code	Description	
Bottom suction fitting		
1	2620400	Bottom suction, 2", anti-vortex, 48m ³ /h
Massage fitting		
3	2601500	Venturi Tee Ø50, concrete • Flow rate 5m³/h
4	2602000	Venturi Tee Ø50, concrete • + Micro'ssage rotating jet Flow rate 5m³/h
5	2603000	Venturi Tee Ø50, liner and polyester • Flow rate 5m³/h
6	2625000	Hydrojet Ø 50 mm (air/water) Flow rate 1.5m³/h
7	2610000	Return fitting for Hydrojet 10-4100
8	2602500	Hydrojet extension, concrete

• Venturi Tees come with the jet and adapter unions

CONCRETE SPA AIR NETWORKS

Family 8750



Code	Description
Air conduits	
1	2610200 Air2 tube, concrete spa 2 x 1.22 ml
	2610201 Tube Air2 Spa cap
2	2610203 Tube Air2 Spa, air inlet cap
3	2610205 Tube Air2 Spa connector/ extension
4	2610207 Tube Air2 Spa 1" union adapter
5	2611501 Adaptor socket 1" male 32 mm female
Bottom air jet	
6	2611600 Bottom air jet with check valve and 1" plug
	1348032 Equal Tee, female, solvent, 32mm
7	2611620 Reducing Tee Ø 32 x Ø 50 x Ø 32

COMMON SPA FITTINGS

Family 8780



Code	Description
Air control for spas	
8	2640000 Air control en Ø 32 mm
9	2642000 Air control en Ø 20 mm
Pneumatic push button	
10	2643000 Pneumatic push button
	2643200 Crystal tubing Ø 2 x 4 for pneumatic push button, 25 m ring per m
Misc accessories	
	2648000 Adaptor socket 1.5" male/ 50 mm female
	2648200 Adaptor socket 2" male/ 63 mm female
	2648400 Adaptor socket 2" female 63 mm female
	2648600 Adaptor socket 1.5" female 50 mm female
	2611501 Adaptor socket 1" male 32 mm female

BLOWERS FOR SPAS

Families 8400 & 8750

Code	Description	Max flow rate m ³ /h	Max over-pressure mbar	Max current (A)
11	2516100 Blower commercial 1.10 Kw 1ph	120	180	6,7
	2516200 Blower commercial 1.25 Kw 3ph	120	180	2,7
	2516300 Blower commercial 1.50 Kw 3ph	181	205	3,8



i Filters and valves included.

- Material equipped with a suction filter and pressure valve,
- The device must be located below the water level with a check valve,
- Maintenance limited to cleaning the filter.

Irresistible appeal

DISCOVER THE IRRESISTIBLE FEATURES OF BWT'S COMMERCIAL SPAS

PRO EXCLUSIVE



OVERFLOW SPAS



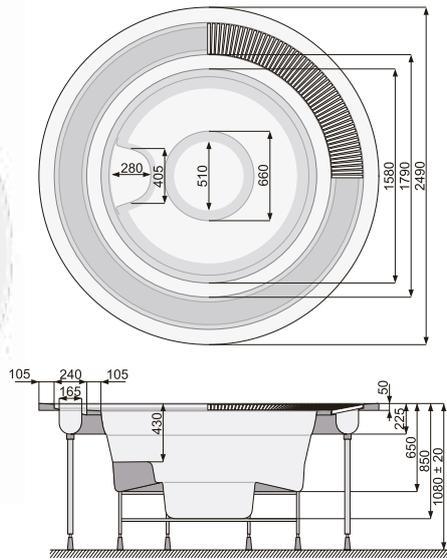
MODEL	SPAS Manoa 250	SPAS Manoa 280
TECHNICAL DATA		
SHELL DIMENSIONS	250 x 250 cm	280 x 280 cm
WATER VOLUME	1,000 Litres	1,400 Litres
WEIGHT OF THE EMPTY SHELL	180 kg	220 kg
BUFFER TANK DIMENSIONS	200 cm (L) x 100 cm (W) x 100 cm (H)	200 cm (L) x 100 cm (W) x 100 cm (H)
MASSAGE PUMPS	2 Pumps, 27 m ³ /h	2 Pumps, 27 m ³ /h
EQUIPMENT		
MASSAGE STATIONS	6	8
DIRECTIONAL JETS, ADJUSTABLE FLOW RATE	32	32
ANTI VORTEX MAIN DRAIN	3	3
CHANNEL SUCTION	2	2
AIR CONTROL	2	2
WHITE LED UNDERWATER LIGHT	1	1
SAND FILTER	✓	✓
HYDRAULIC OPTIMISATION	✓	✓
GUARANTEES		
SHELL	5 years	5 years
PUMP	5 years	5 years
FILTER	10 years	10 years
PAGE	400	401



SPAS Rainbow 250	SPAS Rainbow 290	SPAS Waimea 250
253 x 253 cm	290 x 290 cm	250 x 250 cm
1,300 Litres	1,600 Litres	1,000 Litres
210 kg	200 kg	180 kg
200 cm (L) x 100 cm (W) x 100 cm (H)	200 cm (L) x 100 cm (W) x 100 cm (H)	200 cm (L) x 100 cm (W) x 100 cm (H)
2 pumps, 27 m ³ /h	2 pumps, 27 m ³ /h	2 pumps, 27 m ³ /h
7	7	7
32	32	32
3	3	3
2	2	2
2	2	2
1	1	1
✓	✓	✓
✓	✓	✓
5 years	5 years	5 years
5 years	5 years	5 years
10 years	10 years	10 years
402	403	404

MANOA 250 SPA - 6 MASSAGE STATIONS - 32 JETS **PRO EXCLUSIVE**

Family 8620



All our commercial spas are fitted with stainless steel jets as standard.

White

i All our commercial spas come with adjustable feet.

Code	Description	Overall dimensions in cm	Height in cm
Overflow spa, pre-equipped shell only			
2488950	Manoa 250, shell only, 32 jets - white	250 × 250	111
Overflow spa with sand filter and buffer tank			
2488960	Manoa 250, shell only, 32 jets - white	250 × 250	111



Commercial spa filtration must run round the clock. All our commercial spas are delivered with a hydraulic optimisation study to help minimise electrical consumption.

TECHNICAL DATA, SAND FILTER WITH BUFFER TANK

- 1** 1 Python S760 filter, 22 m³/h with a smooth, anti-bacterial inner surface for more hygienic filtration
- 2** 1 Eurostar II 200 pump, 18 m³/h,
- 3** 2 Massage pumps, 27 m³/h 1ph,
- 4** 1 Blower, commercial, 1.25 kW 3ph,
1 Heater, 12 kW, 3ph
- 5** 1 Overflow spa electrical panel ADT/9T with 7 sensor buffer tank regulation
2 pneumatic push buttons
- 6** 1 Buffer tank 1,000 l

Technical data

- Seating capacity: 6
- Seating capacity: 32
- Shell dimensions (cm): 250 × 250
- Water volume (litres): 1000
- Shell weight (kg): 180
- Buffer tank dimensions: 200 × 100 × 100

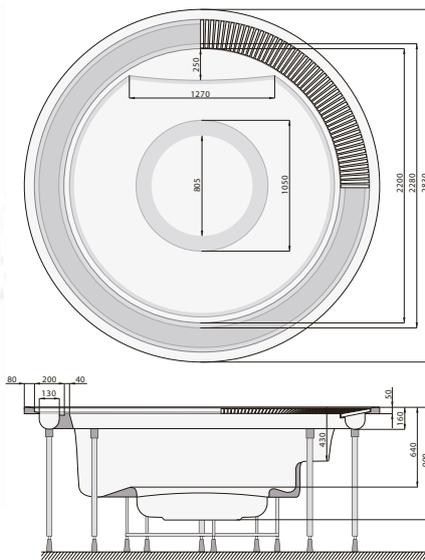
Equipment

- Massage hydro-jets (directional + flow rate regulation): 32
- Main drains: 3
- Overflow channel suction drains: 2
- Air-jet controls: 2
- Shell weight (kg): 1



MANOA 280 SPA - 8 MASSAGE STATIONS - 32 JETS **PRO EXCLUSIVE**

Family 8620



All our commercial spas are fitted with stainless steel jets as standard.

White

i All our commercial spas come with adjustable feet.

Code	Description	Overall dimensions in cm	Height in cm
Overflow spa, pre-equipped shell only			
2489950	Manoa 280, shell only, 32 jets – white	280 × 280	118
Overflow spa with sand filter and buffer tank			
2489960	Manoa 280, shell only, 32 jets – white	280 × 280	118



i Commercial spa filtration must run round the clock. All our commercial spas are delivered with a hydraulic optimisation study to help minimise electrical consumption.

TECHNICAL DATA, SAND FILTER WITH BUFFER TANK

- 1** 1 Python S760 filter, 22 m³/h with a smooth, anti-bacterial inner surface for more hygienic filtration
- 2** 1 Eurostar II 200 pump, 18 m³/h,
- 3** 2 Massage pumps, 27 m³/h 1ph,
- 4** 1 Blower, commercial, 1.25 kW 3ph,
1 Heater, 12 kW, 3ph
- 5** 1 Overflow spa electrical panel ADT/9T with 7 sensor buffer tank regulation
2 pneumatic push buttons
- 6** 1 Buffer tank 1,000 l

Technical data

- Seating capacity: 6
- Seating capacity: 32
- Shell dimensions (cm): 250 × 250
- Water volume (litres): 1000
- Shell weight (kg): 180
- Buffer tank dimensions: 200 × 100 × 100

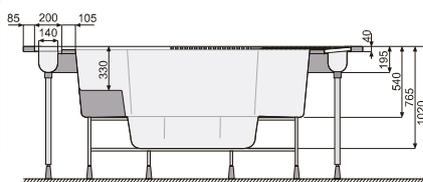
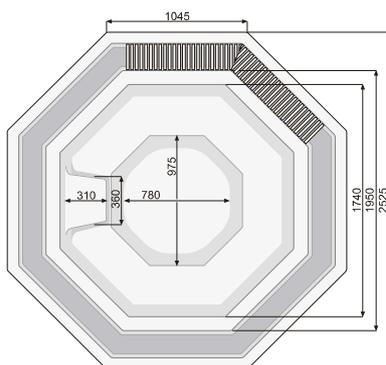
Equipment

- Massage hydro-jets (directional + flow rate regulation): 32
- Main drains: 3
- Overflow channel suction drains: 2
- Air-jet controls: 2
- Shell weight (kg): 1



RAINBOW 250 SPA - 7 MASSAGE STATIONS - 32 JETS **PRO EXCLUSIVE**

Family 8620



All our commercial spas are fitted with stainless steel jets as standard.

White



All our commercial spas come with adjustable feet.

Code	Description	Overall dimensions in cm	Height in cm
Overflow spa, pre-equipped shell only			
2486950	Rainbow 250, shell only, 32 jets - white	253 × 253	102
Overflow spa with sand filter and buffer tank			
2486960	Rainbow 250, shell only, 32 jets - white	253 × 253	102



Commercial spa filtration must run round the clock. All our commercial spas are delivered with a hydraulic optimisation study to help minimise electrical consumption.

TECHNICAL DATA, SAND FILTER WITH BUFFER TANK

- 1 1 Python S760 filter, 22 m³/h with a smooth, anti-bacterial inner surface for more hygienic filtration
- 2 1 Eurostar II 200 pump, 18 m³/h,
- 3 2 Massage pump, 27 m³/h 1ph,
- 4 1 Blower, commercial, 1.25 kW 3ph,
1 Heater, 12 kW, 3ph
- 5 1 Overflow spa electrical panel ADT/9T with 7 sensor buffer tank regulation
2 pneumatic push buttons
- 6 1 Buffer tank 1,000 l

Technical data

- Seating capacity: 7
- Seating capacity: 32
- Shell dimensions (cm): 253 × 253
- Water volume (litres): 1300
- Shell weight (kg): 210
- Buffer tank dimensions: 200 × 100 × 100

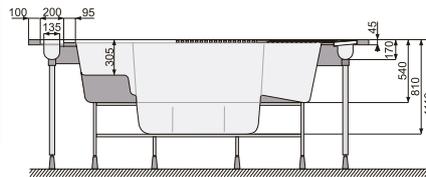
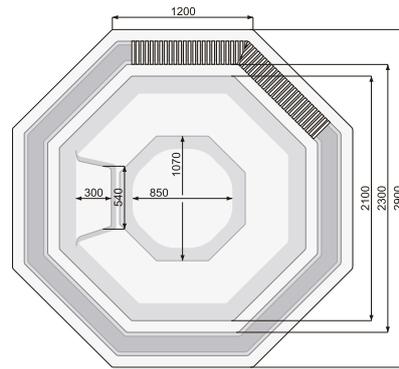
Equipment

- Massage hydro-jets (directional + flow rate regulation): 32
- Main drains: 3
- Overflow channel suction drains: 2
- Air-jet controls: 2
- Shell weight (kg): 1



RAINBOW 290 SPA - 7 MASSAGE STATIONS - 32 JETS **PRO EXCLUSIVE**

Family 8620



All our commercial spas are fitted with stainless steel jets as standard.

White

i All our commercial spas come with adjustable feet.

Code	Description	Overall dimensions in cm	Height in cm
Overflow spa, pre-equipped shell only			
2487950	Rainbow 290, shell only, 32 jets - white	290 x 290	111
Overflow spa with sand filter and buffer tank			
2487960	Rainbow 290, shell only, 32 jets - white	290 x 290	111



Commercial spa filtration must run round the clock. All our commercial spas are delivered with a hydraulic optimisation study to help minimise electrical consumption.

TECHNICAL DATA, SAND FILTER WITH BUFFER TANK

- 1** 1 Python S760 filter, 22 m³/h with a smooth, anti-bacterial inner surface for more hygienic filtration
- 2** 1 Eurostar II 200 pump, 18 m³/h,
- 3** 2 Massage pump, 27 m³/h 1ph,
- 4** 1 Blower, commercial, 1.25 kW 3ph,
1 Heater, 12 kW, 3ph
- 5** 1 Overflow spa electrical panel ADT/9T with 7 sensor buffer tank regulation
2 pneumatic push buttons
- 6** 1 Buffer tank 1,000 l

Technical data

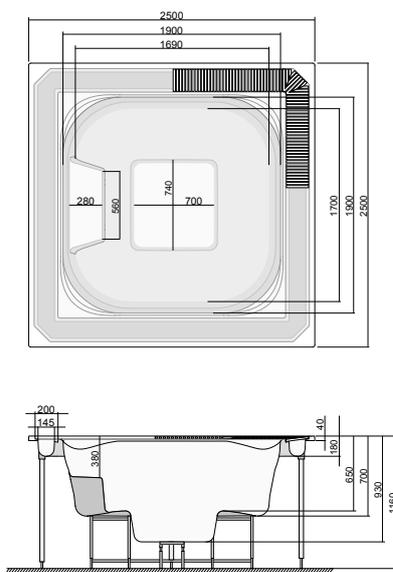
- Seating capacity: 7
- Seating capacity: 32
- Shell dimensions (cm): 290 x 290
- Water volume (litres): 1600
- Shell weight (kg): 220
- Buffer tank dimensions: 200 x 100 x 100

Equipment

- Massage hydro-jets (directional + flow rate regulation): 32
- Main drains: 3
- Overflow channel suction drains: 2
- Air-jet controls: 2
- Shell weight (kg): 1

WAIMEA 250 SPA - 7 MESSAGE STATIONS - 32 JETS **PRO EXCLUSIVE**

Family 8620



All our commercial spas are fitted with stainless steel jets as standard.

White

i All our commercial spas come with adjustable feet.

Code	Description	Overall dimensions in cm	Height in cm
Overflow spa, pre-equipped shell only			
2497950	Waimea 250, shell only, 32 SS jets, White	250 × 250	116
Overflow spa with sand filter and buffer tank			
2497960	Waimea 250, 32 SS jets, White	250 × 250	116



Commercial spa filtration must run round the clock. All our commercial spas are delivered with a hydraulic optimisation study to help minimise electrical consumption.

TECHNICAL DATA, SAND FILTER WITH BUFFER TANK

- 1 1 Python S760 filter, 22 m³/h with a smooth, anti-bacterial inner surface for more hygienic filtration
- 2 1 Eurostar II 200 pump, 18 m³/h,
- 3 2 Massage pumps, 27 m³/h 1ph,
- 4 1 Blower, commercial, 1.25 kW 3ph,
1 Heater, 12 kW, 3ph
- 5 1 Overflow spa electrical panel ADT/9T with 7 sensor buffer tank regulation
2 pneumatic push buttons
- 6 1 Buffer tank 1,000 l

Technical data

- Seating capacity: 7
- Seating capacity: 32
- Shell dimensions (cm): 250 × 250
- Water volume (litres): 1000
- Shell weight (kg): 180
- Buffer tank dimensions: 200 × 100 × 100

Equipment

- Massage hydro-jets (directional + flow rate regulation): 32
- Main drains: 3
- Overflow channel suction drains: 2
- Air-jet controls: 2
- Shell weight (kg): 1



EVERYTHING YOU NEED!



15

COMMERCIAL POOLS



- 408** AN EXPERT DESIGN OFFICE AT YOUR SERVICE
- 410** OVERFLOW CHANNEL GRATINGS
- 412** POOL FITTINGS
- 413** FILTER MEDIA
- 414** PYTHON POLAR FILTERS
- 416** FILTRATION PUMPS
- 417** SYNTHETIC MATERIAL PUMPS
- 418** ELECTRICAL PANELS
- 421** CHOOSE YOUR COMMERCIAL POOL CLEANER
- 423** ROBOTIC POOL CLEANERS

AN EXPERT DESIGN OFFICE AT YOUR SERVICE

BWT Pool Products's design office has the people, the skills and the tools necessary to correctly size air and water ductwork, and precisely calibrate equipment for commercial swimming pools: a multi-discipline team of hydraulic, aeraulic, chemical and electro-mechanical engineers are at your service.

BWT Pool Products is in a position to propose studies that cover every component of the pool, as well as global solutions that optimise the consumption of energy while respecting the standards in effect.



Hydraulics: renowned experts

At BWT Pool Products, hydraulic sizing studies place energy savings at the very heart of your construction or renovation project. These studies also calculate the exact lengths and cross sections of pipework necessary to optimise the operation of your installations.

Hydraulic studies also calculate the filtration pump power required for a perfect flow of water, in total compliance with regulations in effect.

Filtration: specialists in quality solutions

Over the last few years, new types of filter media have appeared on the market; BWT Pool Products built a test bench, unique in Europe, to assess and compare the efficiency of these new materials. This innovative equipment, coupled with the wealth of knowledge gained, has ensured BWT Pool Products's place as a recognised specialist in filtration.

BWT Pool Products offers a range of filters designed for optimal hydraulic efficiency and perfectly adapted to the constraints of commercial pools. Furthermore, given their lateral free technology, they do not require maintenance.

Safety: sized to your needs

BWT Pool Products is one of the few automatic cover manufacturers to offer safety covers for pools up to 25 × 12 m. Ideal for pool protection and for significant savings on pool heating bills.

Water treatment: advice, training and help from seasoned professionals

BWT Pool Products offers a comprehensive range of pool chemicals and automatic treatment solutions.

BWT Pool Products's design office can provide advice concerning installation, training and the use of procedures, and assistance to resolve water treatment issues.



Contact our design office
+33 2 99 61 24 64
or by e-mail: betech@procopi.com

Heating: Guaranteed Thermal performance

Thermal studies executed by BWT Pool Products rely on a calculation core developed in collaboration with the CSTB (Centre Scientifique et Technique du Bâtiment – French centre for science and building technologies).

The application tracks the thermal losses and gains at hourly intervals in order to precisely determine the power necessary to meet the pool's heating demand, and uses this information to deduce the calorific requirement. It integrates detailed performance data of the various heating systems, taking into consideration weather conditions and a large number of parameters concerning the pool, its installation site and its operation.

To meet your needs, BWT Pool Products offers unique products, equipped with the latest thermodynamic innovations introduced onto the market, notably Power Inverter, and Zubadan heat pumps.

BWT Pool Products, The advantages of a French manufacturer: intelligent design and ease of integration

BWT Pool Products designs and manufactures the majority of the products that it sells, this means that BWT Pool Products can provide you CAD files in dxf format to facilitate integration of the device into your project.

BWT Pool Products axes the development of its products around the reduction of load losses, and the optimisation of hydraulic network performance and energy consumption.

For your air and water ductwork studies, call BWT Pool Products's design office.

Download your study request form from procoshop.com

- Private & commercial pools
- Hydraulic study
- Heating & dehumidification study
- Reinforced membranes
- Integrated cleaning
- Concrete spas
- Commercial electrical panel

You will find these forms in your professional space

<http://procoshop.com/en/espace-pro#demandes-etudes>

Air conditioning: the best applications, the best specialists

BWT Pool Products is an expert in the sizing of air conditioning units.

Using purpose developed software that integrates aerodynamic optimisation, comprehensive, optimised and balanced ductwork diagrams can be drawn up. In addition, by collaborating with the leading air conditioning experts, BWT Pool Products offers a range of energy efficient equipment.

Intelligent design and ease of integration



OVERFLOW CHANNEL GRATINGS

FLEXIBLE MODULES, 690 MM PRO EXCLUSIVE

Family 2400



Module width	Minimum internal bending radius	Minimum external bending radius
195 mm	415 mm	610 mm
245 mm	521 mm	766 mm
295 mm	627 mm	922 mm
335 mm	712 mm	1047 mm

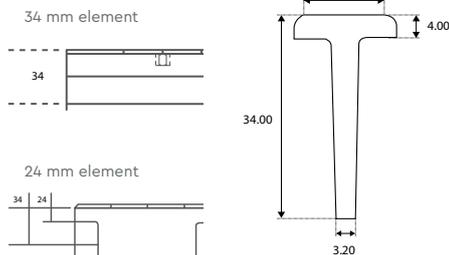


The flexible modules described above are 690 mm long and comprise 33 indissociable bars. Grating modules come in a range of 4 widths and 2 heights, 24 or 34 mm. Prices per bar per metre and per 33 bar module are listed below. For orders of 500 modules or more, the grating modules can be manufactured in other colours (on request).

Internal radius



External radius



Code	Description
Flexible overflow channel grating module, comprised of 33 bars	
White – 24 mm thick	
815312	Module 690 × 195 m. for 200 mm overflow channel. white
815322	Module 690 × 245 m. for 250 mm overflow channel. white
815332	Module 690 × 295 m. for 300 mm overflow channel. white*
815342	Module 690 × 335 m. for 340 mm overflow channel. white*
White – 34 mm thick	
815313	Module 690 × 195 m. for 200 mm overflow channel. white
815323	Module 690 × 245 m. for 250 mm overflow channel. white
815333	Module 690 × 295 m. for 300 mm overflow channel. white*
815343	Module 690 × 335 m. for 340 mm overflow channel. white*

90° CORNER PIECES **PRO EXCLUSIVE**

Family 2400

Description	White
	Code
90° corner, 195 mm for 200 mm overflow channel, thickness 24 mm per unit	814312
90° corner, 245 mm for 250 mm overflow channel, thickness 24 mm per unit	814322
90° corner, 295 mm for 300 mm overflow channel, thickness 24 mm per unit	814332
90° corner, 335 mm for 250 mm overflow channel, thickness 24 mm per unit	814342
90° corner, 195 mm for 200 mm overflow channel, thickness 34 mm per unit	814313
90° corner, 245 mm for 250 mm overflow channel, thickness 34 mm per unit	814323
90° corner, 295 mm for 300 mm overflow channel, thickness 34 mm per unit	814333
90° corner, 335 mm for 340 mm overflow channel, thickness 34 mm per unit	814343



90° corner pieces can be manufactured in a variety of colours (on order). For orders of 500 modules or more, the grating modules can be manufactured in grey or beige, for other colours please inquire.

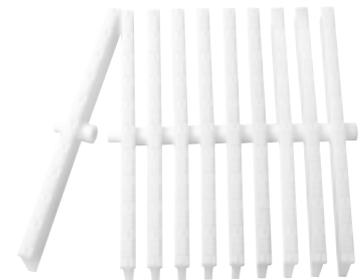
OVERFLOW CHANNEL BARS **PRO EXCLUSIVE**

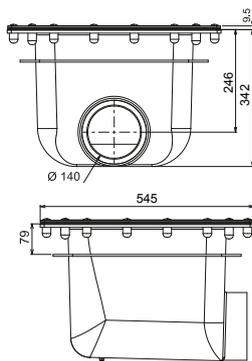
Family 2400



The overflow channel bars described above are sold separately. They come in a range of 4 widths, all bars are 35 mm thick. There are 42 bars in 1 metre of overflow channel grating. Prices per bar and per unit are listed below.

Code	Description
There are 42 bars in 1 metre of overflow channel grating	
813313	Bar 195 mm x 35 mm, for 200 mm overflow channel
813323	Bar 245 mm x 35 mm, for 250 mm overflow channel
813333	Bar 295 mm x 35 mm, for 300 mm overflow channel





- 1 Raised stainless steel grate allows peripheral suction in the event that the grate is obstructed.
- 2 A4 stainless steel stove head screw to avoid any risk of wounding.
- 3 Anti-capillary lip to ensure a perfect seal (concrete, tiled pool).
- 4 Bactericide impregnated Isophthalic polyester resin to prevent the growth of bacteria and micro-organisms.
- 5 Protective Iso NPG GelCoat on the outer and inner surfaces to ensure leaktightness and prevent the growth of micro-organisms.

pipe Ø in mm	PN	Through rate in m/s	Flow rate in m ³ /h
75	16	1.5	17.26
90	10	1.5	28.10
90	16	1.5	24.89
110	10	1.5	41.90
110	16	1.5	37.32
140	10	1.5	69.27
140	16	1.5	62.51
160	10	1.5	92.40
160	16	1.5	84.32

Compliant with the French decree dated April 1981



Technical data:

- Fibreglass reinforced polyester body,
- Body made using Resin Transfer Moulding technology:
 - Both sides of the main drain are watertight,
 - Perfect surface on both sides of the main drain body,
- PVC outlet (solvent),
- Stainless steel grate,
- Grating held in position by a brass insert, M8,
- The interior shape of the main drain was designed to facilitate water throughput and limit load losses,
- Anti-capillary lip,
- Capacity: 46 litres.

Code	Description
Square main drains – concrete	
41690000	Square main drain 500 × 500 outlet Ø 75 mm, for concrete pools
41691000	Square main drain 500 × 500 outlet Ø 90 mm, for concrete pools
41692000	Square main drain 500 × 500 outlet Ø 110 mm, for concrete pools
41693000	Square main drain 500 × 500 outlet Ø 140 mm, for concrete pools
41694000	Square main drain 500 × 500 outlet Ø 160 mm, for concrete pools
Square main drains -liner	
41090000	Square main drain 500 × 500 outlet Ø 75 mm, for liner pools
41091000	Square main drain 500 × 500 outlet Ø 90 mm, for liner pools
41092000	Square main drain 500 × 500 outlet Ø 110 mm, for liner pools
41093000	Square main drain 500 × 500 outlet Ø 140 mm, for liner pools
41094000	Square main drain 500 × 500 outlet Ø 160 mm, for liner pools

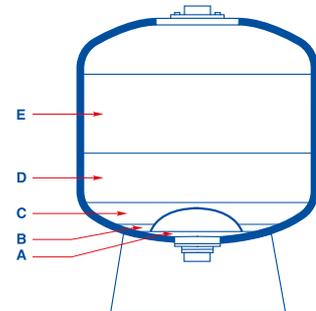
FILTRATION MEDIUM, 5 LAYERS, FOR PYTHON POLAR **PRO EXCLUSIVE**

Family 610

Filter media – 5 layers of sand:

- Commercial pool grade filtration,
- Through rate 30 to 40 m³/h/m².

Code	Description	
240124	For PP-1200 polar filters	1 pallet
240144	For PP-1400 polar filters	2 pallets
240164	For PP-1600 polar filters	2 pallets
240184	For PP-1800 polar filters	3 pallets
240204	For PP-2000 polar filters	4 pallets
240234	For PP-2350 polar filters	6 pallets



i Pallets of filter media are complete, numbered and film wrapped. Bags are arranged on the pallets according to how they should be positioned inside the filter.

Weight of the layers of filter media (in Kg)

	PP 1200	pp 1400	pp 1600	pp 1800	pp 2000	pp 2350	Grain size in mm
A	50	50	50	50	50	50	40 – 80
B	50	50	100	125	150	250	20 – 40
C	150	175	275	350	450	800	9 – 18
D	200	275	375	550	750	1250	2 – 4
E	750	1150	1675	2350	2900	4900	0.6 – 1.25
Total weight	1200	1700	2475	3425	4300	7250	-

ULTRA-HIGH FILTRATION PERFORMANCE SILICA **PRO EXCLUSIVE**

Family 600

The new Ultra-High Filtration Performance calibrated silica was formulated especially for BWT Pool Products, the super fine filtration it provides plays an important role in meeting the challenges we set; to reduce the consumption of pool chemicals and decrease the consumption of energy.

Code	Description
Calibrated silica	
247600	Ultra high performance UHFP calibrated silica 2.5 /5 mm Pallet of 48 bags, that is 1,200 Kg
Sand and gravel	
241100	High filtration performance sand 0.6/1.25 Pallet of 48 bags, that is 1,200 Kg
243100	High filtration performance gravel 2.0/4.0 Pallet of 48 bags, that is 1,200 Kg



PRESSURE GAUGES AND SAMPLING **PRO EXCLUSIVE**

Families 2310, 5650

Code	Description
Adjustable pressure gauges	
1 811400	Valve kit with 2 pressure gauges and sampling points
Sampling	
2 1416020	1/2" x 20 sampling valve



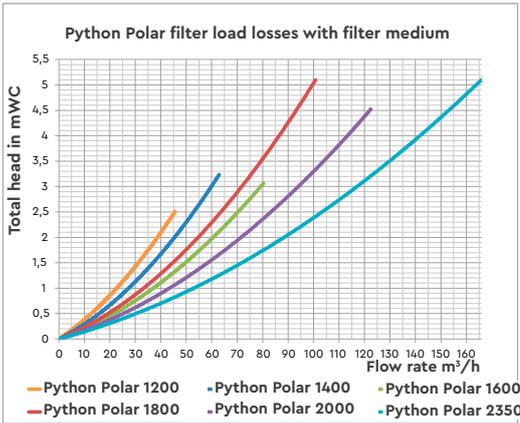


- Smooth, anti-bacterial inner surface for more hygienic filtration,
- The design of the interior components (diffuser and deflector system), the very best in hydraulic optimisation, ensures extremely low load loss,
- Python Polar EH filters create 50% less load loss than equivalent SIDE models.
- This means that a less powerful pump can be used, which leads to significant energy savings.
- Diameter 1200 to 2350 mm.



Technical data:

- Wound filter with fibreglass reinforced polyester lining,
- Assembled with PVC headers and diffusers,
- Polar inlet and outlet,
- 2 inspection ports on the base plate,
- Drain Ø 50 mm,
- Rose diffuser, no laterals to be replaced during the service life of the filter,
- Guarantee 10 years on the filter tank
- Maximum operating pressure: 2.5 bar,
- Static test pressure: 3.75 bar,
- Compatible with saline water,
- All the filters are fitted with a Ø 333 mm man-hole and a polyester base.

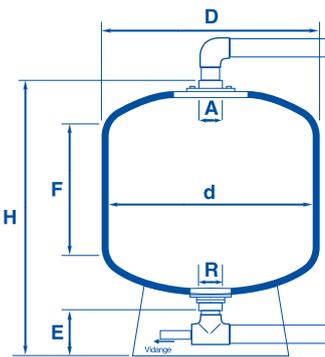


Operating pressure 2.5 bar

Description	Connection in mm	Code
Filter PP-1200	110	8003700
Filter PP-1400	110	8004200
Filter PP-1600	140	8004800
Filter PP-1800	140	8005200
Filter PP-2000	160	8005800
Filter PP-2350	160	8006200
Filter PP-2350	225	please inquire



Other connection diameters are available on request.



	PP-1200	PP-1400	PP-1600	PP-1800	PP-2000	PP-2350
Flow rate at 30 m ³ /h/m ²	34	46	60	76	92	124
Flow rate at 35 m ³ /h/m ²	40	54	70	89	107	145
Flow rate at 40 m ³ /h/m ²	45	62	80	101	122	166
D - Outer diameter (mm)	1225	1425	1625	1820	2000	2320
d - Inner diameter (mm)	1200	1400	1600	1795	1975	2295
S - Filtration surface area (m ²)	1,13	1,54	2,01	2,53	3,06	4,14
H - Overall height (mm)	1580	1710	2060	2250	2160	2620
F - Tank height (mm)	650	555	745	880	800	1100
E - Height at outlet (mm)	215	220	287	355	344	358
A - Inlet diameter (mm)	110	110	140	140	160	160-225
R - Outlet diameter (mm)	110	110	140	140	160	160-225
Necessary room height (mm)	1870	2000	2390	2580	2520	2980
Height, bottom outlet - ground (mm)	91	96	138	206	175	189
Outlet interaxial distance (mm)	1610	1735	2069	2191	2155	2601
Weight of empty filter (kg)	140	195	228	290	370	410
Weight of filter medium (kg)	1150	1650	2425	3375	4250	7200
Total weight with media (kg)	1870	2660	3900	5375	6750	10200
Maximum operating pressure (bar)	2.5	2.5	2.5	2.5	2.5	2.5
Test pressure (bar)	3.75	3.75	3.75	3.75	3.75	3.75
Upper diffuser	Deflector					
Rose diffuser	yes					
Man hole Ø 330	yes					
Polyester base plate	yes					



Comment: a 100 mm margin is allowed for the ceiling height

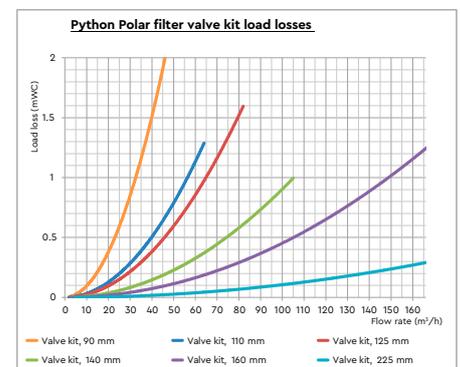
Description	
Polar valve kit with 5 PVC butterfly valves	
Connection in mm	Code
Ø 90	8092050
Ø 110	8092550
Ø 140	8093550
Ø 160	8094050
Ø 225	8095050



BWT TOP TIP
Small diameters are listed as of page 158



Valve kits come with zinc-plated steel nuts and bolts (stainless steel on request), the full kits are delivered pre-assembled. They come without the sight glass or the pressure gauge. The installer is responsible for assembly and glueing.



Code	Description
Accessories	
1 8091900	Valve kit support, 110
8091910	Valve kit support, 140
8091920	Valve kit support, 160
2 811400	Valve kit with 2 pressure gauges and sampling points



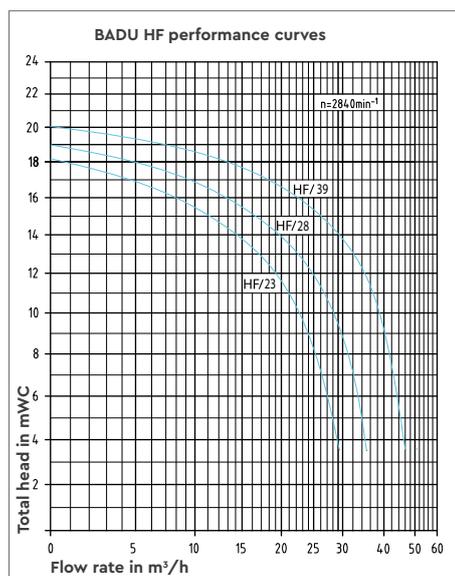
SPECK X
pumpen



Maximum length 83 cm
(model HF-39)

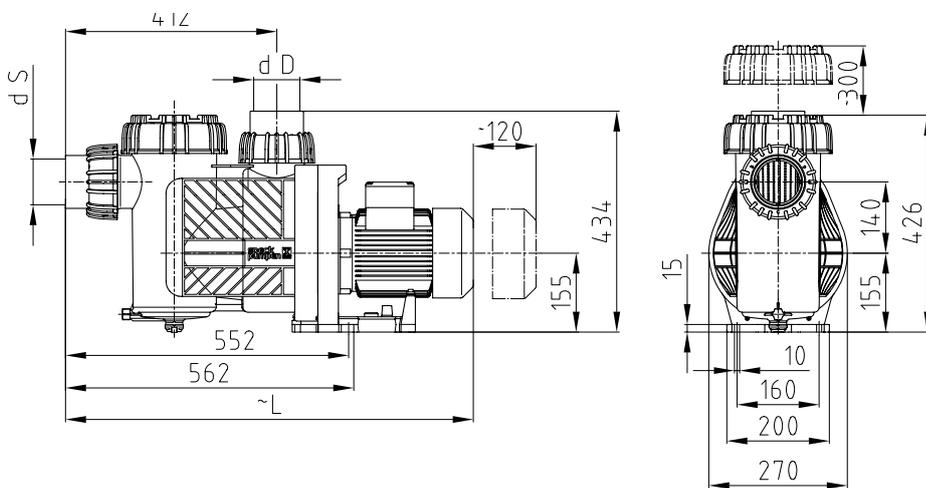


Tool for opening
the filter lid



Technical data:

- Comes with two 75 or 90 mm, solvent unions depending on the pump model,
- A tool is provided to facilitate opening of the prefilter lid
- Self-priming: On the contrary to many other pumps belonging to this category, these pumps are self-priming and may be installed above the water level,
- Perfectly leaktight, maintenance free mechanical seal
- Now even safer: thanks to the impeller's original design, the motor shaft never comes into contact with water. This means that stray current will never leak into the pool,
- Badu HF pumps are perfectly compatible with pool water treatment by salt electrolysis,
- Power supply: 230/ 400 V 3ph, 50 Hz..



Code	Description	Flow rate m³/h at 10 mWC	Max current (A)	P1 kW	P2 kW	Voltage	Acoustic pressure at 1m (dBA)	Acoustic power (dBA)	Ø Outlets	
									Suct	Ret
52051300	Badu HF/23	23	3.3	1.65	1.30	3ph	65.1	73	75	75
52052300	Badu HF/28	28	3.7	1.90	1.50	3ph	67.5	76	75	75
52053300	Badu HF/39	39	5.1	2.70	2.20	3ph	72.4	80	90	90

P1 indicates the total power consumed by the pump. Thus the value of P1 should be taken into consideration when choosing the thermal magnetic circuit breaker.

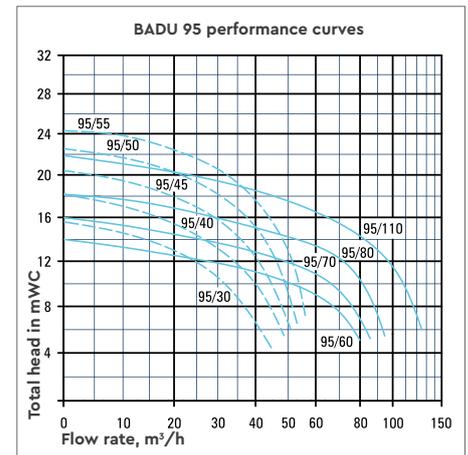
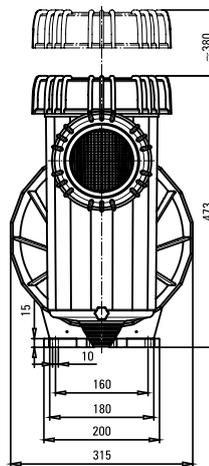
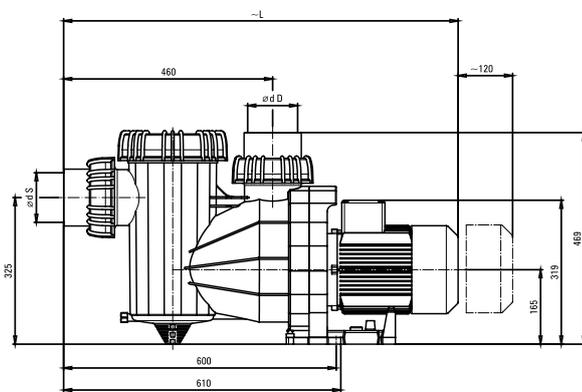
P2 indicates the power actually available at the motor shaft. Therefore P2 should be used to define the power of a pump.

Technical data:

- Comes with two solvent unions, 75 to 110 mm, depending on the pump model,
- A tool is provided to facilitate opening of the prefilter lid,
- Self-priming: On the contrary to many other pumps belonging to this category, these pumps are self-priming and may be installed above the water level,
- Perfectly leaktight, maintenance free mechanical seal,
- Now even safer: thanks to the impeller's original design, the motor shaft never comes into contact with water. This means that stray current will never leak into the pool,
- Badu 95 pumps are perfectly compatible with pool water treatment by salt electrolysis.



Tool for opening the filter lid



Code	Description	Flowrate m ³ /h at 10 mWC	Max current (A)	P1 kW	P2 kW	Voltage	Acoustic pressure at 1m (dBA)	Acoustic power (dBA)	Ø Outlets	
									Suct	Ret
BADU 95 pumps										
52001300	Badu 95/30	32	3.7	1.90	1.50	3ph	62.9	71	75	75
52002300	Badu 95/40	40	5.1	2.70	2.20	3ph	67.2	72	90	90
52003300	Badu 95/45	45	6	3.30	2.60	3ph	70.4	78	90	90
52004300	Badu 95/50	49	6.7	3.80	3.00	3ph	74.7	83	110	110
52005300	Badu 95/55	54	8.4	4.80	4.00	3ph	78.3	86	110	110
52006300	Badu 95/60	54	6	3.30	2.60	3ph	68.7	77	110	110
52007300	Badu 95/70	67	6.7	3.80	3.00	3ph	70.2	78	110	110
52008300	Badu 95/80	82	8.4	4.80	4.00	3ph	73.7	82	110	110
52009300	Badu 95/110	110	10.9	6.40	5.50	3ph	74.2	82	110	110

ELECTRICAL PANELS

for commercial pools

EACH OF OUR CONTROL PANELS IS MADE OF TOP QUALITY COMPONENTS CAREFULLY SELECTED ON THE BASIS OF THEIR EXCELLENT PERFORMANCE DATA.

A comprehensive range for a precise match to your needs



Our custom built electrical panels can be equipped with a number of modules, among these:

- Powering and control of electrical equipment (1ph and/ or 3ph): Filtration pump, massage pump, booster pumps, heating, water treatment devices, blowers, underwater lights, counter-swim units, fans, etc.
- Filter clogging alarm (system comprising a pressure gauge and visual and/ or aural alarms)
- Pool or buffer tank water level regulation
- Slaving of equipment to filtration pumps (water treatment, heating ,etc.)

Each power supply is equipped with a suitably rated thermal magnetic circuit breaker. You may choose to add the following modules;

- Clock
- Timer with power reserve (continues to run in the event of a power cut)
- Control switch on the front panel of the cabinet (2 positions if there is no timer, 3 positions if there is a timer)
- Running light
- Fault light
- Timer
- Pneumatic controls

The following modules are also available for your electrical panel:

- Protection by a 30 mA RCD at the head of the line
- External 16A plus
- Cabinet ventilation
- Internal cabinet lighting
- Key switch emergency stop
- Remote installed emergency stop (standard or key type)



Study requests by our Design Office

**Study request
Electrical panel
for a commercial pool**

BWT

Client code: _____
Company name: _____
Contact name: _____

Study reference: _____
Date study requested: _____
Project deadline: _____

Electrical panel power supply

- Electrical panel power supply: 230 V 400 V
- Power supply frequency: 50 Hz 60 Hz
- Ambient temperature: _____ °C
- Equip the electrical panel with a 30 mA RCCB at the head of the line: Yes No

Note: The presence of a 30 mA residual current device is mandatory. This device may be installed at the head of the line in the electrical panel or upstream of the electrical panel power supply.

Additional functions

- Clogging alarm: Yes No Number of filters: _____
- Water level regulation RED-1* (for skimmer pool): Yes No Qty: _____
- *Delivered with 20 m of cable for the sensor
- Water level regulation with 5 sensors RED-2** (for buffer tank): Yes No Qty: _____
- Water level regulation with 7 sensors RED-3** (for buffer tank): Yes No Qty: _____
- **Delivered with 5 m of cable for each sensor

Electrical panel options

- Emergency stop on the facade: Without key (included) With key
- Remote emergency stop: without key? Yes No Qty: _____
- with key? Yes No Qty: _____
- External 16A tab connections: Yes No Qty: _____
- Ventilation of the electrical panel (163 m³/h): Yes No

Note: The electrical panel ventilation option may be mandatory depending on the equipment mounted in the electrical panel.

- Lighting in the electrical panel: Yes No
- Free space left in the electrical panel for installation of equipment in the future (as a percentage): _____ %
- Electrical panel door swing direction (By default, the hinge is mounted on the right; Hinge on the left Note: If the cabinet width is greater than or equal to 1000 mm, it will be fixed with two doors)
- Location of the breaker and any external 16A sockets*** (By default on the left side of the electrical panel; right side of the electrical panel

Notes: _____

Executed at: _____ on _____
Name: _____
Signature: _____

Save the PDF file and send it to your sales agency or directly to the design office using the following address:
batac@procoshop.com

Copyright Procoshop - 05/2024

IN THE EVENT THAT SINGLE PHASE EQUIPMENT IS CONNECTED TO A THREE PHASE ELECTRICAL SUPPLY, OUR DESIGN OFFICE WILL TAKE CARE OF BALANCING THE 3 PHASES.

EACH UNDERWATER LIGHT IS EQUIPPED WITH A 230/12V TRANSFORMER IN ACCORDANCE WITH THE STANDARD NF EN 61558-2-6 WITH A THERMAL MAGNETIC CIRCUIT BREAKER ON THE PRIMARY OR SECONDARY CIRCUIT.

Technical data

Irrespective of the options selected, the electrical panel is delivered with the following as standard:

- 1 Waterproof metal cabinet (IP55 rated) with a key lock
- 1 External main disconnect switch
- 1 Pilot light on the front panel
- 1 Emergency stop PALM BUTTON on the front panel
- 1 Wiring and connection diagram
- Cable glands to pass all the cables

Free quotes

for your custom built electrical panel

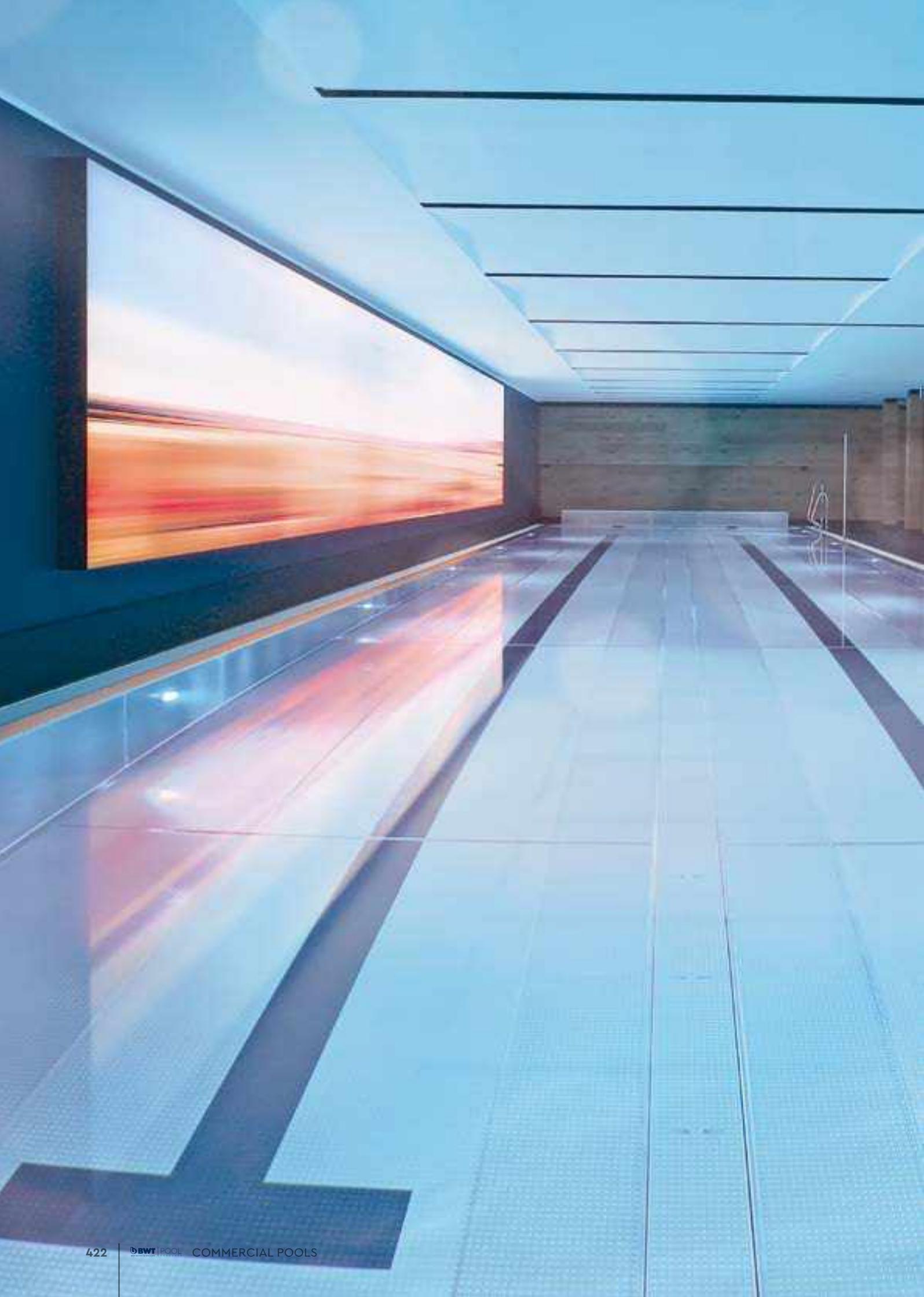
BWT Pool Products can size your custom built electrical panel and provide you with a quote, free of charge. To receive your quote, simply fill out the study request form (available for download from www.procoshop.com or from your sales agency) and send it to your BWT Pool Products agency.

*An astonishing
show!*

CHOOSE YOUR COMMERCIAL POOL CLEANER



MODEL	Aquarius	Magnum Junior	Magnum	Ultramax Junior	Ultramax
POOL SIZE (M)	20	25	30	35	50
WATERPROOFING FINISH	All surfaces and shapes			All surfaces	
LENGTH OF THE CLEANING CYCLE	3.0 hrs, 4.0 hrs and 5.0 hrs			3.0 hrs, 4.0 hrs and 6.0 hrs	
CLEANING TYPE	Floor and walls			Floor	
FILTER TYPE	4D, hyperfine microfibre, 1 XL bag				
BRUSH TYPE	4 PVA wheels			4 large PVA wheels	
CABLE	✓ 23 m	✓ 30 m	✓ 36 m	✓ 45 m	
SUCTION POWER	19 m ³ /h			38 m ³ /h	
WEIGHT (KG)		9.46 kg	11.2 kg		
NAVIGATION AND DRIVE SYSTEM	AquaSmart System 2 motors				
CADDY	✓				
SPECIAL FUNCTIONS	Full filter indicator			Infrared technology	
GUARANTEE	3 years			2 years	
PAGES	423	424	424	424	425



The best cleaning solution for small commercial pools.



Code	Description
125258752	Aquarius with trolley + 23 m cable

MAGNUM JUNIOR PRO EXCLUSIVE

Family 3665



+ **5.5/10** **PRODUCTS**

- Magnum Junior is designed to clean every inch of your pool. Magnum Junior is the only pool robot to offer so much functionality for such a small price.

Code	Description
125258753	Magnum junior, with transport caddy and 30 m cable

MAGNUM PRO EXCLUSIVE

Family 3665



+ **5.5/10** **PRODUCTS**

- The Magnum robotic pool cleaner ensures fast thorough cleaning. This robotic pool cleaner features two drive motors and a filtration pump that provides a suction flow rate of 19 m³/h.

Code	Description
125258754	Magnum, with transport caddy and 36 m cable

ULTRAMAX JUNIOR PRO EXCLUSIVE

Family 3665



+ **5.5/10** **PRODUCTS**

- Thanks to its compact size, UltraMax Junior is particularly suited to commercial and semi-olympic pools. Water is passed through a filter bag that retains particles as small as 2 microns, your pool water is crystal clear in no time.

Code	Description
125258755	UltraMax junior, with transport caddy and 36m cable*



- The UltraMax robotic pool cleaner was purpose designed for commercial and olympic pools.
- Ultramax offers a selection of cleaning programmes to adapt to your pool's cleaning needs, the cleaning intensity required, pool dimensions and the pool waterproofing finish, timed start, etc



Code	Description
125258756	UltraMax, with transport caddy and 45m cable*

	Aquarius	Magnum Junior	Magnum	Ultramax Junior	Ultramax
POOL SIZE	For commercial pools up to 20 m long, any shape any surface finish	For small commercial pools up to 25 m long, all shapes and surface finishes	For small commercial pools up to 30 m long, all shapes and surface finishes	For semi-olympic pools up to 35 m long, all shapes and surface finishes	For olympic pools up to 50 m long, all shapes and surface finishes
CLEANING TYPE	Floor and walls	Floor and walls	Floor and walls	Floor	Floor
DURATION OF THE CLEANING CYCLE	3 hours, 4 hours or 5 hours	3 hours, 4 hours or 5 hours	3 hours, 4 hours or 5 hours	3 hours, 4 hours or 6 hours	3 hours, 4 hours or 6 hours
FILTER TYPE	4D, hyperfine microfibre, 1 XL bag	4D, hyperfine microfibre, 1 XL bag	4D, hyperfine microfibre, 1 XL bag	4D, hyperfine microfibre, 1 XL bag	4D, hyperfine microfibre, 1 XL bag
FILTER ACCESS	Easy bottom access	Easy bottom access	Easy bottom access	Easy bottom access	Easy bottom access
FULL FILTER INDICATOR	✓	✓	✓		
BRUSH TYPE	4 PVA brush wheels	4 PVA brush wheels	4 PVA brush wheels	4 PVA brush wheels	4 PVA brush wheels wide
POWER SUPPLY	230 V/180W	230 V/180W	230 V/180W	230 V/180W	230 V/180W
NAVIGATION SYSTEM	Aqua Smart System	Aqua Smart System	Aqua Smart System	Aqua Smart System	Aqua Smart System
PLATFORM	2 Drive motors and a pump	2 Drive motors and a pump	2 Drive motors and a pump	2 Drive motors and 2 pumps	2 Drive motors and 2 pumps
SUCTION FLOW RATE	19 m ³ /h	19 m ³ /h	19 m ³ /h	38 m ³ /h	38 m ³ /h
CABLE LENGTH	23 m	30 m	36 m	36 m	45 m
ANTI-TANGLE SWIVEL	✓	✓ hand operated	✓ hand operated	✓ hand operated	✓ hand operated
COMPATIBLE WITH AN EXTERNAL TIMER	✓	✓	✓		
REMOTE CONTROL	✓	✓	✓	✓	✓
DIMENSIONS (L X W X H)	39 x 44,5 x 27 cm	39 x 53 x 26 cm	39 x 53 x 26 cm	40 x 54 x 31,5 cm	40 x 81 x 29 cm
WEIGHT		9,46 kg	11,2 kg		
STORAGE ACCESSORY	Caddy	Caddy	Caddy	Caddy	Caddy
GUARANTEE	3 years	3 years	3 years	2 years	2 years



16

POS DISPLAYS & PROMOTIONAL MATERIALS



- 428** DISPLAY STANDS AND SHELVES
- 430** ROBOTIC POOL CLEANER DISPLAY STANDS
- 436** POOL VACUUM DISPLAY STANDS
- 438** BOW FLAGS
- 440** CARDBOARD POS DISPLAYS
- 444** SWATCHES AND COLOUR CHARTS

DISPLAY STANDS AND SHELVES



Steel shelving unit, pool chemicals

Width: 100 cm
Height: 210 cm
Depth: 65 cm
Language : FR | EN
Code: 10150010
(delivered without products)



Steel shelving unit, accessories

Width 100: cm
Height: 210 cm
Depth: 65 cm
Language: FR | EN
Code: 10110110
(delivered without products)



Increase the visibility of your products,
show them to their best advantage



Mirror skimmer display stand

Width: 150 cm

Height: 100 cm

Depth: 30 cm

Language: FR/EN

Code: 10803001



15 inch screen
Width: 33.2 cm
Height: 18.7 cm



P Line robotic cleaner range display stand

Backlit BWT logo |
Brochures | A4 leaflets
Dimensions (L x W x H) :
57 x 180 x 54
Materials: steel
Language: EN
Code: 10800090



Display stand for the P, D and B Line robotic cleaner ranges

Width: 57 cm
 Height: 180 cm
 Depth: 36 cm
 Materials: steel
 Language: EN
 Code: 1080091

Sticker, P Line robotic pool cleaner range

Width: 150 cm
 Height: 250 cm
 Language: FR
 Code: 10800191

ROBOTIC POOL CLEANER DISPLAY STANDS



BWT P Line robotic cleaner display podium
Materials : Honeycomb cardboard
Language: FR



BWT D Line robotic cleaner display podium
Materials: Honeycomb cardboard
Language: EN



B line Robotic cleaner podium
Materials: Honeycomb cardboard
Language: EN

P line



D line



B line



ROBOTIC POOL CLEANER PODIUM

Dimensions cm (L x W x H)	50 x 50 x 85	50 x 50 x 85	75 x 75 x 45
Code	10800120	10806310	10806110
Weight	12 Kg	12 Kg	12 Kg

DEMO ROBOTIC POOL CLEANER

Dimensions cm (L x W x H)	39.1 x 43 x 23.4	39.1 x 46.9 x 26.8	35.5 x 41 x 31.1
Code	10800100	125305705	10806100
Weight	5.8 Kg	5.8 Kg	5.2 Kg



Counter top pull-up poster for P Line robotic pool cleaner range

Dimensions: (L x W) : 43 x 31.5 cm

Language: FR

Code: 10800130



COSMY

*Beautiful
revolution!*

Demo BWT robotic pool cleaner



Cosmy robotic cleaner range display stand

Width: 938 cm
 Height: 201 cm
 Depth: 92.6 cm
 Materials: medium density fibreboard
 Language: FR | EN
 Code: 10800141

Demo BWT robotic pool cleaner



BWT Cosmy robotic cleaner display podium

Width: 50 cm
 Height: 85 cm
 Depth: 50 cm
 Materials: Cardboard and medium density fibreboard
 Language: EN
 Code: 10800140

Demo BWT robotic pool cleaner

POOL VACUUM DISPLAY STANDS



Roll-up Banner for BWT Pink Line

Dimensions: (L x W x H) :
 Dimensions: 2020 H x 810 W x 90mm D
 Materials: Fabrics and steel
 Language: EN
 Code: 125548880



Display for BWT Pink Line

Dimensions (L x W x H):
 Dimensions: 1700 H x 900 W x 560mm D
 Materials: Honeycomb cardboard
 Language: EN
 Code: 125548879



Product Stand

Dimensions (L x W x H):
 Dimensions: 155 H x 120 W x 230mm D
 Materials: PVC acrylic
 Code: 125548871



Foamboard for BWT Pink Line

Dimensions (L x W x H):
 Dimensions: 1000 H x 1000mm W
 Materials: Foam board
 Language: EN
 Code: 125548872



Display BWT Blue Line

Dimensions: (L x W x H) :
 1st Podium Height: 990 mm
 2nd Podium Height: 790 mm
 3rd Podium Height: 620 mm
 4th Podium Height: 400 mm
 Materials: Honeycomb cardboard
 Language: EN
 Code: 125548878



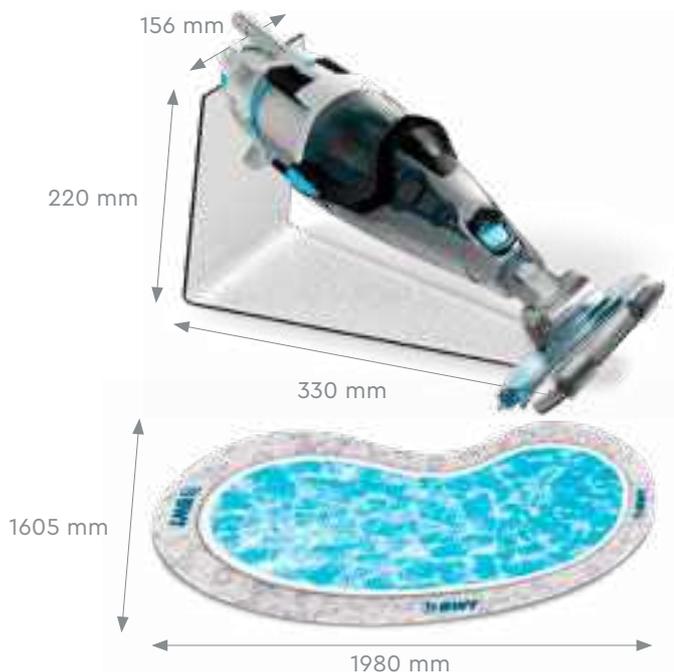
Display for BWT Blue Line

Dimensions(L x W x H): 350 X 480 x 450
 Materials: PVC acrylic
 Lnguage: EN
 Code: 125548868



Foamboard for BWT Blue Line

Dimensions (L x W): 1000 mm x 500 mm
 Materials: Foam board
 Language: EN
 Code: 125548875



Product Stand

Dimensions (L x W x H) :
 156 mm x 330 mm x 220 mm
 Materials: PVC acrylic
 Code: 125548870

Floor Sticker for BWT Blue Line

Dimensions (L x W): 1980 mm x 1605 mm
 Materials: Sticker
 Code: 125548876

BOW FLAGS

Bow flags

Width: 70 cm – Height: 280 cm

Materials: Cross base, black stainless steel, 11 Kg



Wellness

Code: 10804021
Language: FR

Code: 10804022
Language: EN

Heating & Dehumidification

Code: 10801021
Language: FR

Code: 10801022
Language: EN

Construction & Renovation

Code: 10803021
Language: FR

Code: 10803022
Language: EN



Water treatment & Maintenance

Code: 10800021
Language: FR

Code: 10800022
Language: EN



Protection & Safety

Code: 10802021
Language: FR

Code: 10802022
Language: EN



BWT P Line robotic pool cleaners

Code: 10800171
Language: FR

Code: 10800172
Language: EN



Circular carousel

Width: 40 cm
 Height: 100 cm
 Materials: Cardboard
 Language: FR
 Code: 10800180



Formula 1 pallet dressing

Width: 180 cm
 Height: 80 cm
 Depth: 45 cm
 Materials: Cardboard
 Code: 10800301





PLV BWT Pearl Water Manager display stand

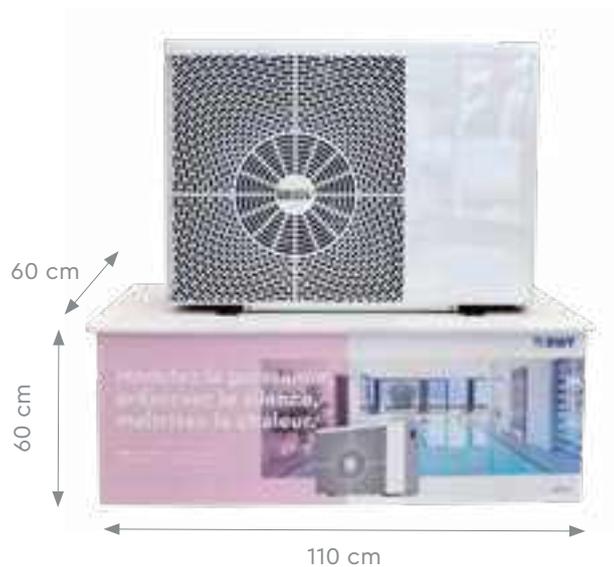
Width: 40 cm
Height: 100 cm
Materials: Cardboard
Language: FR
Code: 10806501

CARDBOARD POS DISPLAYS



Totem cube
 5 cubes, 350x350mm
 Width: 35 cm
 Height: 175 cm
 Materials: Cardboard
 Language: FR
 Code: 10800190

Podium Inverter heat pump
 Materials: Honeycomb cardboard
 Language: FR



RTM HF filter



RTM CS-SIDE filter



Eurostar HF pump

Heat pump Inverter

PODIUMS

Dimensions cm (L x W x H)	85 x 85 x 40	85 x 85 x 40	70 x 40 x 80	110 x 60 x 60
Code	10803101	10803101	10803111	10803121
Weight	8 Kg	8 Kg	8 Kg	8 Kg

DEMO ITEMS

Dimensions cm (L x W x H)	Ø 610 x 840	Ø 610 x 840	39,1 x 46,9 x 26,8	89 x 32 x 65
Code	10037000	10037100	10080000	10099110
Weight	17 Kg	17 Kg	18 Kg	22.5 Kg



Podium Eurostar HF pump

Materials: Honeycomb cardboard
Language: FR



70 cm



Sand filter podium

Materials: Honeycomb cardboard
Language: FR



Sample binder soft covers

Width: 33 cm
Height: 32 cm
Language: FR
Code: 10300000



Sample binder automatic cover

Width: 25 cm
Height: 48 cm
Language: FR
Code: 10399070



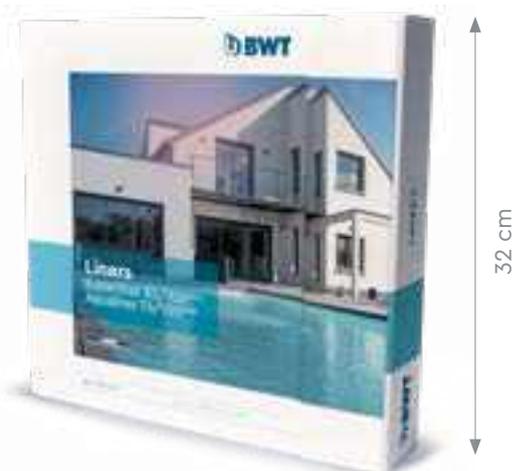


**BWT Initial V1F membrane swatch book,
5 colours + 1 non-slip light blue**

Colours: White, Beige, Light blue, Adriatic blue and
Ligh grey
Width: 14.8 cm
Height: 21 cm
Code: 10270100

Liner sample binder

Width: 33 cm
Height: 32 cm
Language: FR
Code: 10199000





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REQUEST TO OPEN A CUSTOMER ACCOUNT

COMPANY DETAILS:

Company name: _____ Tel: _____
Name of the person in charge: _____ Mobile: _____

DELIVERY :

Delivery address: _____
Post code: _____
City: _____
Tel: _____
e-mail : _____

BILLING:

Billing address (if different from delivery address): _____
Post code: _____
City: _____
Tel: _____

LEGAL INFORMATION:

Legal form: _____ Core business: _____ VAT no.: _____
Share capital: _____ Year of incorporation: _____ Company registration number: _____
EORI no.: _____

CONTACT :

Last name/First name: _____ Direct line /Mobile: _____ E-mail: _____
Orders: _____
Technical: _____
Accounts: _____

PAYMENT CONDITIONS:

Requested payment method *: _____ Billing upon delivery slip: Yes No

FREIGHT FORWARDING:

Sea: _____ Air: _____ Express: _____
Incoterm: _____
Name: _____
Address: _____
Date of addition: _____
Contact: _____

Our company hereby reserves the right to cancel or suspend an account if the holder fails to abide by our general sales conditions on the following page.
This request to open an account implies acceptance of our general sales conditions.

I have read and accept the general sales conditions.

COMPANY STAMP

NAME OF THE SIGNING PARTY, DATE, STAMP

YOU MUST ENCLOSE THE GENERAL SALES CONDITIONS, DULY STAMPED AND SIGNED?, A CERTIFICATE OF GOOD STANDING LESS THAN 3 MONTHS OLD, BANKING DETAILS, A COPY OF A FORM OF IDENTIFICATION FOR THE PERSON IN CHARGE

GENERAL SALES CONDITIONS

ARTICLE 1 - WARNING

In order to improve the quality of its products, BWT POOL PRODUCTS hereby reserves the right to modify the technical data of items it manufactures at any time and without advance notice.

The sketches, photos, texts and illustrations included in the catalogues, Aquisoft DVD, the ProcoShop and the BWT POOL PRODUCTS internet site or communicated by any other means by BWT POOL PRODUCTS, are provided for information purposes only and may under no circumstances be considered contractually binding. All copying or representation of the sketches, photos, texts or illustrations published in the catalogues, Aquisoft DVD, ProcoShop or on the BWT POOL PRODUCTS internet site, even partial and irrespective of the means, shall be construed as illegal and fraudulent unless authorised explicitly by BWT POOL PRODUCTS.

ARTICLE 2 - GENERAL PROVISIONS

Clients and BWT POOL PRODUCTS hereby mutually recognise each other's status as professionals dealing in the products, materials and services sold. The general sales terms and conditions hereto shall only govern commercial dealings between BWT POOL PRODUCTS and its dealers, hereinafter referred to as the client or clients. They shall under no circumstances govern contractual dealings between BWT POOL PRODUCTS dealers and consumers. Orders placed with BWT POOL PRODUCTS and contracts dealt with by the latter shall be subject to the general sales terms and conditions set out hereinafter that shall cancel and supersede all clauses contained in documents issued by clients and co-contractors. Consequently, no other term or condition shall nullify the effect of the general terms and conditions hereto unless BWT POOL PRODUCTS explicitly agrees to said in writing.

ARTICLE 3 - ACCEPTANCE OF ORDERS

No person shall claim or benefit from any sort of tacit understanding with BWT POOL PRODUCTS. Only orders accepted by BWT POOL PRODUCTS are valid. As regards orders placed on-line via BWT POOL PRODUCTS's internet site (ProcoShop), acceptance of the order and conclusion of the sale are construed as having taken place upon receipt, by the client, of the electronic acknowledgement of receipt.

ARTICLE 4 - SALES TERMS AND CONDITIONS

The prices indicated in BWT POOL PRODUCTS's catalogues, price lists, the Aquisoft DVD and ProcoShop and BWT POOL PRODUCTS internet sites are quoted in Euro ex VAT and any other tax. Invoices are payable in Euro and, unless indicated otherwise in the specific terms and conditions, BWT POOL PRODUCTS ex-warehouse. Said prices are susceptible to modification without prior notification at any time to reflect the evolution of the national and international economic and monetary climate.

Any sales terms and conditions granted to clients by BWT POOL PRODUCTS's Sales Reps and/or Regional Managers must be confirmed in writing. In the event of a discrepancy or a dispute arising between BWT POOL PRODUCTS and one of its clients concerning the application of these sales terms and conditions, only offers confirmed in writing will be taken into consideration.

ARTICLE 5 - PAYMENT

Invoices are payable in full, without discount, at the address indicated on the invoice. As regards export sales, goods are payable prior to shipment or by confirmed irrevocable letter of credit drawn on a leading French bank. However, a discount of 1% shall be applied for settlement by cheque enclosed with the order.

A discount may also be applied, by virtue of specific terms and conditions, for advance payment. The percentage represented by this discount will be indicated on the invoice. In the event that a discount is allowed, only VAT on the price actually paid will give rise to a discount.

Upon opening a credit line reserved for sustained commercial dealings, invoices shall be payable, without any discount, by Electronic Bill of Exchange payable without prior acceptance, at 30 days end of month as of the date upon which the merchandise was shipped. Electronic Bills of Exchange forwarded for acceptance should be returned within one week of their receipt by the client.

Any delay in payment will, in full right, entail invoicing of late payment penalties to the client as of the day following the date of payment indicated on the invoice and up until the date on which payment of said is made. Late payment charges shall be calculated based on the entire sum outstanding at the rate of 1% per month, or part of month, late, any month begun being due.

Furthermore, any discount previously agreed will be cancelled. Credit granted to a client shall be construed as a payment facility and may be revoked at any time. Any significant alteration of the client's economic or financial situation may entail the revision of payment conditions, even subsequent to partial execution of orders.

Refusal to accept Electronic Bills of Exchange or failure to pay a trade bill or negotiable instrument upon its due date shall render the whole debt payable immediately and in full without any prior notice and shall entail the suspension of deliveries. Failure to settle an accepted trade bill or negotiable instrument upon its due date will entail the suspension of all terms of credit (delivery upon payment). In the event of late payment, a fixed fee of € 40 exVAT will be charged to cover collection costs.

ARTICLE 6 - DELIVERY LEAD TIMES AND CHARGES

Article 6.1 - Charges

6.1.1 - General orders

All delivery charges indicated in the version of the BWT POOL PRODUCTS catalogue that is currently in effect will be invoiced for every order worth less than €450 ex VAT (or €550 for pool chemicals or €110 ex VAT for spare parts orders).

Orders worth more than €395 net ex VAT (or €553 for pool chemicals or €110 net ex VAT for spares) delivered in one shipment within "mainland France" (metropolitan France, excluding Corsica and the islands not linked by road to the mainland) to the Client's premises or to a BWT POOL PRODUCTS agency (for collection by the client) shall be delivered free of charge.

For those orders constituting the subject of this article 6.1.1, should the client wish the delivery to be made within "mainland France" to an address other than those stipulated in the previous paragraph (BWT POOL PRODUCTS agency or Client premises):

- The client hereby undertakes to be present at the agreed location at the time of delivery to receive the merchandise;
- A fixed charge of €2700 ex VAT per shipment will be invoiced for modifying the delivery address;

In the event of a COD delivery, collection charges stipulated in the catalogue currently in effect will be payable by the client.

Express deliveries are also available. However, transport charges will be payable by the addressee.

6.1.2 Specific orders

As an exception to the provisions set out in article 6.1.1 hereinafter:

- Pick-up of reconstituted coping and flagstones, sand, glass, gravel, salt, steps, saunas, spas, wooden pools, BWT automatic covers, Calypso, Mambo and CBE-650 bar covers, prefabricated plant housings, pool structures (BlokIt, P-PSC pools) from one of our manufacturing plants or agencies will be invoiced €1 exVAT.

- Delivery (within mainland France) of reconstituted stone coping and flagstones, sand, gravel, salt, steps, saunas, spas, wooden pools, BWT automatic covers, Calypso, Mambo and CBE-650 bar covers, prefabricated plant housings, pool structures (BlokIt, P-PSC pools) to an address stipulated by the Client, other than a BWT POOL PRODUCTS manufacturing plant or agency, will be subject to the transport charges outlined in the BWT POOL PRODUCTS catalogue currently in effect

(French version), it being stipulated that the Client hereby undertakes to be present at the agreed location upon delivery to receive the merchandise.

- Goods considered dangerous by carriers are, due to this fact, subject to specific transport costs.

6.1.3 - Ancillary costs

The costs incurred by packaging or customs formalities; inspections or consular visas specific to dangerous goods (liquid PVC, glue, water treatment products, etc.) will be invoiced to the client.

The cost of visas for orders worth more than € 15,000 ex VAT, excluding freight charges and delivered in one shipment and to one address, will be paid by BWT POOL PRODUCTS.

Article 6.2 - Delivery lead times

Delivery leadtimes are indicated for information purposes, delays shall not entail the cancellation of the order.

However, in the event of a delivery delay, the client may formally request by registered letter that BWT POOL PRODUCTS deliver the goods within a time period of 15 days as of the date on which said registered letter is received. Upon expiry of this deadline, the client may cancel the order in question.

ARTICLE 7 - TRANSFER OF OWNERSHIP

In accordance with the legal provisions in effect, transfer of ownership of the goods delivered shall take place at the time at which the price of said goods is paid in full. However, risks shall be transferred to the client as of such time as the goods are made available to the client, to the client's representative or to the carrier.

ARTICLE 8 - ACCEPTANCE AND COMPLAINTS

Goods travel at the risk and responsibility of the addressee.

In the event of any dispute or discrepancy concerning the delivery by the carrier the addressee must:

- Note the dispute or discrepancy on the delivery stub: missing package, damaged package, damp package, etc. and under no circumstances: "reserved subject to opening" which is too vague and will be rejected by carriers,

- Notes such as "package damaged", "package wet" etc are not acceptable. Under such circumstances, open the package, identify the exact nature of the damage to the article and record this on the delivery stub,

- Send confirmation of the reservations indicated on the stub to the carrier (not BWT POOL PRODUCTS) by registered mail with a copy to BWT POOL PRODUCTS, within three working days as of delivery,

- Forward the original of the delivery stub to BWT POOL PRODUCTS as quickly as possible, along with a copy of the registered letter sent to the carrier.

CAUTION: A complaint will not be accepted unless these three points have been respected to the letter.

ARTICLE 9 - RETURNS

Clients may return spare parts within a 30 day period, this does not apply to goods made to order, (BWT covers, liners, etc.) goods that are discontinued (#) or good available only on order (*).

Past this one month time delay, we reserve the right to refuse the return. In the event that the return is accepted, the materials returned will be subject to depreciation as follows:

Return > 1 month: taken back for 90% of the original value, less any reductions

Return > 2 months: taken back for 80% of the original value, less any reductions

Return > 3 months: taken back for 70% of the original value, less any reductions

Return > 4 months: taken back for 60% of the original value, less any reductions

Return > 5 months: taken back for 50% of the original value, less any reductions

After 6 months, returns will not be accepted.

In the event of a return, said return must:

- be previously agreed to by Aquiservice, said agreement to be embodied by the communication of a goods return number,

- concern goods featured in the Aquiservice catalogue in effect at the time that the goods are returned,

- be accompanied by either the invoice or delivery slip as well as a statement of the grounds for the return,

- be sent post paid,

- be in its original packaging and accompanied by the original documents.

CAUTION: Failure to abide by the aforementioned conditions shall entail either refusal of the goods returned or acceptance of the goods returned with a 25% reduction of the price invoiced.

ARTICLE 10 - CONTRACTUAL GUARANTEES

All items manufactured or distributed by BWT POOL PRODUCTS (Superliner, BWT heat pumps, etc.) are covered by a guarantee of 2 years or more, under the terms and conditions set out in the guarantee enclosed at delivery. These guarantees enter into effect on the client invoice date.

Guarantees are effective subject to the condition that equipment items are installed, maintained or repaired by qualified professionals to abide by the rules of the art laid out in the operating and installation instructions and other standard documents (DTP "Directives Techniques Piscines" (pool technical directives), AFNOR (French standards association) standards, etc.

The repair under guarantee of any item manufactured or distributed by BWT POOL PRODUCTS will in no way alter the date on which the contractual guarantee covering said item, and calculated based on its date of invoice, expires.

Similarly, the replacement under guarantee of any item manufactured or distributed by BWT POOL PRODUCTS will in no way alter the expiry date of the contractual guarantee covering the replacement item and that is calculated based on the initial invoice date of the latter

Unless otherwise stipulated, coverage shall be limited to the replacement of the part or equipment item acknowledged as defective in our workshops, labour included. Freight costs, call out charges and other damages are not included in the scope of the guarantee. In the event of an intervention by the client, coverage shall be limited to the supply of the part or equipment item acknowledged as defective. Freight costs, call out charges and other damages are not included in the scope of the guarantee.

Repairs carried out by BWT POOL PRODUCTS's after sales services outside the scope of any guarantee will themselves be guaranteed 6 months as of the date on which the repair was invoiced. Consumable items (chemicals, maintenance accessories, etc.) and wear parts (seals and gaskets, baskets, belts, bulbs, etc.) are not covered by any guarantee.

Neither the effects of normal wear and tear (Poolbag, cartridges, incandescent bulbs, maintenance accessories, pool paint, above ground pool liners and covers) nor the repercussions of inappropriate usage are covered by any guarantee.

The following are specifically excluded from any guarantee; damage not attributable to the pool or pool equipment, such as that occasioned by impact, fire, frost, infestation by termites or any other parasite, lightning, flooding or any other natural catastrophe.

Should it prove impossible to ascertain the exact cause of the malfunction hindering correct operation of an equipment item, and at the client's explicit request, BWT POOL PRODUCTS may send one of its technicians to perform troubleshooting.

In all cases an intervention slip, duly accepted by the client, setting out the intervention in detail will be drafted for such interventions.

Following said troubleshooting, and depending on whether or not the cause of the malfunction falls within the realm of BWT POOL PRODUCTS's responsibility or not, BWT POOL PRODUCTS may or may not invoice the client labour costs and call out charges as well as any spare parts required.

Note bene: Guarantee claims from professional clients will only be accepted after diagnostics carried out on the installation site or in the work shop. Information communicated by the professional client in good faith, by the Hot-line or by any other BWT POOL PRODUCTS employee prior to the aforementioned diagnostics are under no circumstances oposable by the latter.

CAUTION:

- The presence of salt in the pool water is considered to increase the risk of corrosion of metallic equipment items such as the ladder, heater, heat exchanger, condenser, automated cover axle, etc. The Redox value varies depending on the type of oxidising agent used (stabilised or non-stabilised), the pH and the concentration of Isocyanuric acid. In order to avoid fading of pigments in the waterproofing membrane and corrosion of metals and alloys, the Redox potential must be kept under 750 mV at all times. Otherwise, resulting corrosion and/ or fading will under no circumstances be covered by the guarantee.

- The quality of the water in the pool must at all times comply with the public water supply, notably in terms of its metallic salt content (Copper, iron, manganese, etc.), its mineral salts content (Calcium, magnesium, etc.), and its pH, etc.

Bad quality water in the pool can initiate or facilitate the corrosion of metallic equipment items and premature ageing of waterproofing. Before filling the pool with water from another source, the client must ensure that the physico-chemical characteristics of said alternative pool water supply comply with those of the public water supply. BWT POOL PRODUCTS hereby reserves the right to fully or partially suspend the guarantee in the event that non-compliant water is used to fill the pool.

ARTICLE 11 - LIABILITY AND INSURANCE

The client and BWT POOL PRODUCTS hereby mutually recognise each other's status as professionals dealing in the products sold. The client hereby acknowledges that BWT POOL PRODUCTS sells equipment subsequently incorporated into an operational assembly by the client. The client, in its capacity as a swimming pool professional, has sole responsibility regarding the selection of the product, the product's integration into the assembly and its correct usage according to the rules of the art, regulations in effect and the results the client is endeavouring to achieve. BWT POOL PRODUCTS shall under no circumstances be held to any obligation regarding the final result. The client must advise BWT POOL PRODUCTS of any defects attributable to the product immediately, providing evidence in support of the latter. The client must provide BWT POOL PRODUCTS every opportunity to investigate alleged defects and remedy said.

BWT POOL PRODUCTS will be released from its obligations in the event of Force Majeure.

The following shall be understood to constitute Force Majeure and as such to suspend or nullify BWT POOL PRODUCTS's obligations without any recourse by the client: accidents effecting production and storage of the products, the total or partial interruption of procurement, a fault committed by the carrier, fire, flood, machine breakdown, total or partial strike, administrative decisions, acts attributable to third parties, war and any other act beyond BWT POOL PRODUCTS's control likely to delay or prevent performance of contractual commitments or render said financially unviable.

BWT POOL PRODUCTS has taken out policies insuring it for the usual risks associated with its activities and to the level usual for this profession. Valid certificates and guarantee tables are available to its clients.

It is hereby explicitly agreed that the client will renounce all recourse of any kind above the ceiling of the guarantee taken out by BWT POOL PRODUCTS. This constitutes a substantive clause of the agreement hereto.

ARTICLE 12 - JURISDICTION OF COMPETENCE

Any discrepancy or dispute arising from the construction hereto shall be brought before the Commercial Courts of RENNES (France) who shall have sole jurisdiction in such matters.

Neither the client's purchasing terms and conditions, if any, nor the location of execution of the order or the contract, nor, more generally, any concession regarding the general sales terms and conditions shall have any effect on this clause attributing jurisdiction of competence, even in the event of a guarantee claim or in the case of multiple defendants.

Last updated: October 19th 2022

Note:

Note : These sales conditions apply to customers of BWT POOL PRODUCTS. Subsidiary companies of Procopi (BWT POOL PRODUCTS) have separate sales conditions which are available on request and may differ from these conditions.

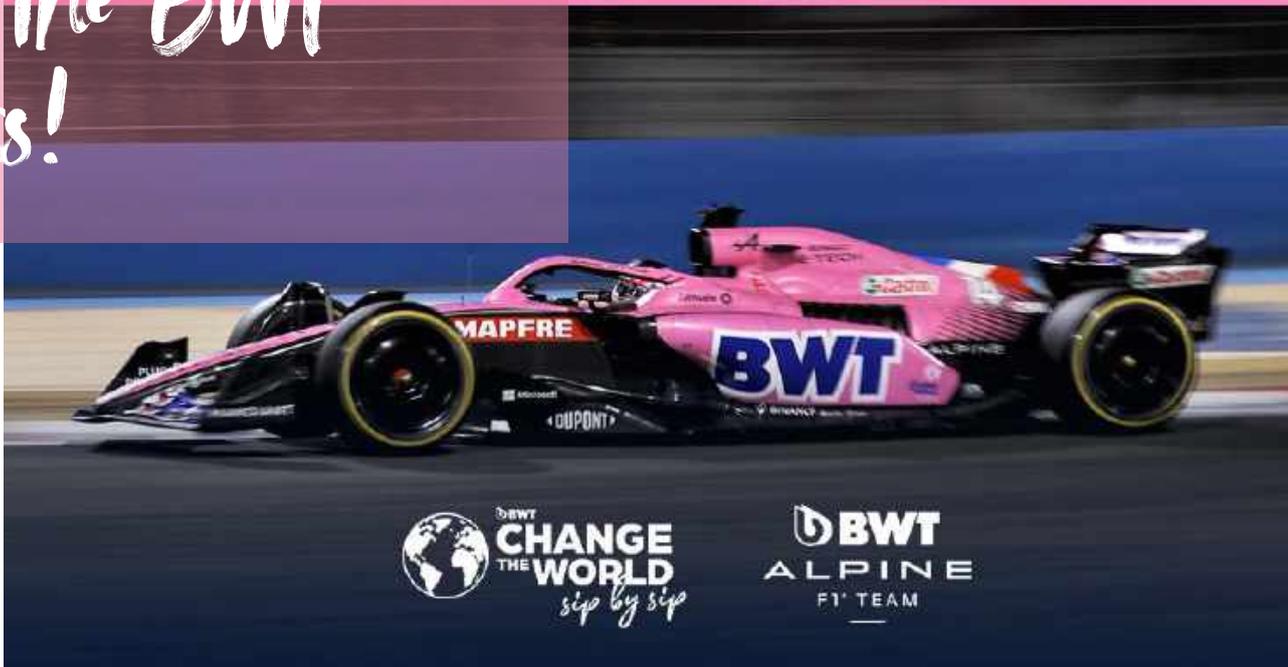


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