



**ZODIAC®**

a **FLUIDRA** company

A high-angle, underwater photograph of a swimmer in a pool, creating a large splash of white water. The swimmer is wearing a blue and yellow swimsuit and is positioned horizontally across the frame. The water is a deep blue, and the background is a bright, circular light source, possibly the sun, creating a lens flare effect.

# 2022 CATALOGUE

A close-up, low-angle photograph of a pool skimmer. The skimmer has a white body with a black, ribbed, curved intake grate. The background is a light blue, possibly the pool's edge or a wall.

POOL CARE EQUIPMENT

FLUIDRA	P.4
INNOVATIONS 2022	P.6

## FILTRATION

<b>FILTERS</b>	<b>P.10</b>
▪ CS	p.11
▪ MS	p.13
▪ Crystal Clear	p.15

## PUMPS

<b>PUMPS</b>	<b>P.18</b>
▪ FloPro™	p.22
▪ FloPro™ e3	p.24
▪ FloPro™ VS	p.26
▪ iQPUMP	p.28

## WATER TREATMENT EQUIPEMENT

<b>INTRODUCTION</b>	<b>P.30</b>
<b>AUTOMATICAL REGULATORS</b>	<b>P.31</b>
▪ pH Expert	p.32
▪ Chlor Expert	p.35
<b>SALT WATER CHLORINATORS</b>	<b>P.37</b>
▪ Ei2	p.38
▪ Ei2 Expert	p.40
▪ eXPERT	p.44
▪ eXO® iQ	p.48
▪ eXO® iQ LS	p.50
▪ pH Link	p.52
<b>MAGNAPOOL® MAGNESIUM BASED CHLORINATOR</b>	<b>P.54</b>
▪ Hydroxinator® iQ	p.56
▪ MagnaPool® Minerals	p.58
▪ Crystal Clear	p.59
<b>MINERAL PURIFIERS</b>	<b>P.60</b>
▪ Nature² Spa	p.61

## CLEANING

<b>INTRODUCTION</b>	<b>P.64</b>
<b>ELECTRICAL CLEANERS</b>	<b>P.65</b>
<b>TORNAX PRO</b>	<b>P.70</b>
▪ RT 2100	p.71
▪ RT 3200	p.72
<b>CYCLONX™ PRO</b>	<b>P.73</b>
▪ RC 4380	p.74
▪ RC 4400	p.75
▪ RC 4402	p.76
<b>VOYAGER™</b>	<b>P.77</b>
▪ RE 4200	p.78
▪ RE 4300	p.79
▪ RE 4400 iQ	p.80
▪ RE 4600 iQ	p.81
<b>VORTEX™ PRO 4WD</b>	<b>P.82</b>
▪ RV 5300	p.83
▪ RV 5380	p.84
<b>ALPHA IQ™ PRO</b>	<b>P.85</b>
▪ RA 6300 iQ	p.87
▪ RA 6500 iQ	p.88
▪ RA 6700 iQ	p.89
▪ RA 6800 iQ	p.90
▪ RA 6900 iQ	p.91
<b>HYDRAULIC CLEANERS</b>	<b>P.93</b>
▪ T3™	p.94
▪ T5™ Duo	p.95
▪ MX6™	p.96
▪ MX9™	p.97
▪ Cyclonic™ Leaf Catcher	p.98
▪ Spa Wand	p.99
<b>POLARIS HIGH PRESSURE CLEANER</b>	<b>P.100</b>
▪ 280	p.101
▪ 3900	p.102
▪ QUATTRO™ Sport	p.104
▪ TailSweep PRO	p.105
▪ Booster Pump & Control box	p.106



## POOL SURROUND EQUIPEMENT & POOL LIGHTING

**POWERFALL WATER  
BLADES** **P.108**

**NL NICHELESS LED LIGHTS** **P.110**

## DEHUMIDIFICATION

**INTRODUCTION** **P. 114**

- Hygro Control p.117
- DT 850 E p.118
- SIROCCO<sup>2</sup> p.120
- DF Through-the-wall p.122
- DF ducted 403 - 408 p.124
- DF ducted 410 - 412 p.126
- CAE p.128
- OMEGA p.132
- ENERGY Fan p.136
- CANAL FAST Fan p.137
- Floor Slot Diffusers p.138
- Ventilation accessories p.140

## HEATING

**HEATING SOLUTIONS** **P.144**

**HEAT PUMPS** **P.145**

- Z550iQ p.154
- Z400iQ p.156
- Z400iQ Stainless p.158
- PX50 p.160
- PM40 p.162
- Z300 p.164
- Z200 defrost p.166
- Z200 p.168
- Power Force p.170
- Z700 Duo p.172

**ELECTRIC HEATERS** **P.174**

- RE/U p.175
- RED LINE p.176
- RE/L p.177

**EXCHANGERS** **P.178**

- Uranus p.179
- Heat Line p.181

FILTRATION

PUMPS

WATER TREATMENT  
EQUIPEMENT

CLEANING

POOL SURROUND  
EQUIPEMENT  
& POOL LIGHTING

DEHUMIDIFICATION

HEATING

# FLUIDRA

## THE PERFECT POOL EXPERIENCE

Founded in 1969, Fluidra is a leader in the global pool & wellness industry with a long-standing experience in developing innovative products and services in the residential and commercial pool market. We offer our customers an expansive array of products across the most trusted brands with a strong geographical footprint in over 45 countries. Thanks to this multicultural background, Fluidra is able to fully understand the requirements of its customers and adapt to them.

We have over 6,000 employees and the necessary resources to accelerate innovation in critical areas like energy-efficiency, robotics and the Internet of Things.

One of the latest highlights is that we have developed our **2020-2026 ESG Plan "Responsibility Blueprint"** with the aim of integrating sustainability into business management. We are convinced that a company with high ESG standards is a more economically sustainable company and one that is more highly valued by its customers, employees and shareholders.

We have made small but significant changes to our Mission to reflect our new ESG initiative: **"To create the perfect pool and wellness experience responsibly"**. Furthermore, we're also taking the opportunity to introduce a new company Vision – bearing in mind that the Mission describes the "what"—that is, what we wake up to do every day, while the Vision describes the "why"—that is, why do we do it, our motivating reason or purpose.

### MISSION

To create the perfect pool & wellness experience responsibly

### VISION

To enhance lives through **innovative and sustainable solutions** that transform the way people enjoy **water** for recreation and health

### OUR VALUES



#### CUSTOMER COLLABORATION

We add value for our users and customers



#### PASSION FOR SUCCESS

We are committed, accountable and consistent



#### EXCELLENCE & INNOVATION

We continuously improve and aim responsibly to be the best



#### HONESTY & TRUST

We are fair, transparent and accessible



#### LEARN & ADAPT

We are open minded, flexible and positive



#### TEAMWORK & INCLUSION

We are humble and consider all perspectives

[www.fluidra.com](http://www.fluidra.com)



# KEY FIGURES

6,000

Employees

+45

Countries

+135

Sales branches

+35

Production centers

## INTEGRATED BUSINESS MODEL



### R+D+i

Excellence in innovation with +200 engineers and some 1,400 patents



### Production

+35 flexible multi-technology plants in key countries



### Logistics

Logistics operators to ensure fast and reliable deliveries



### Distribution

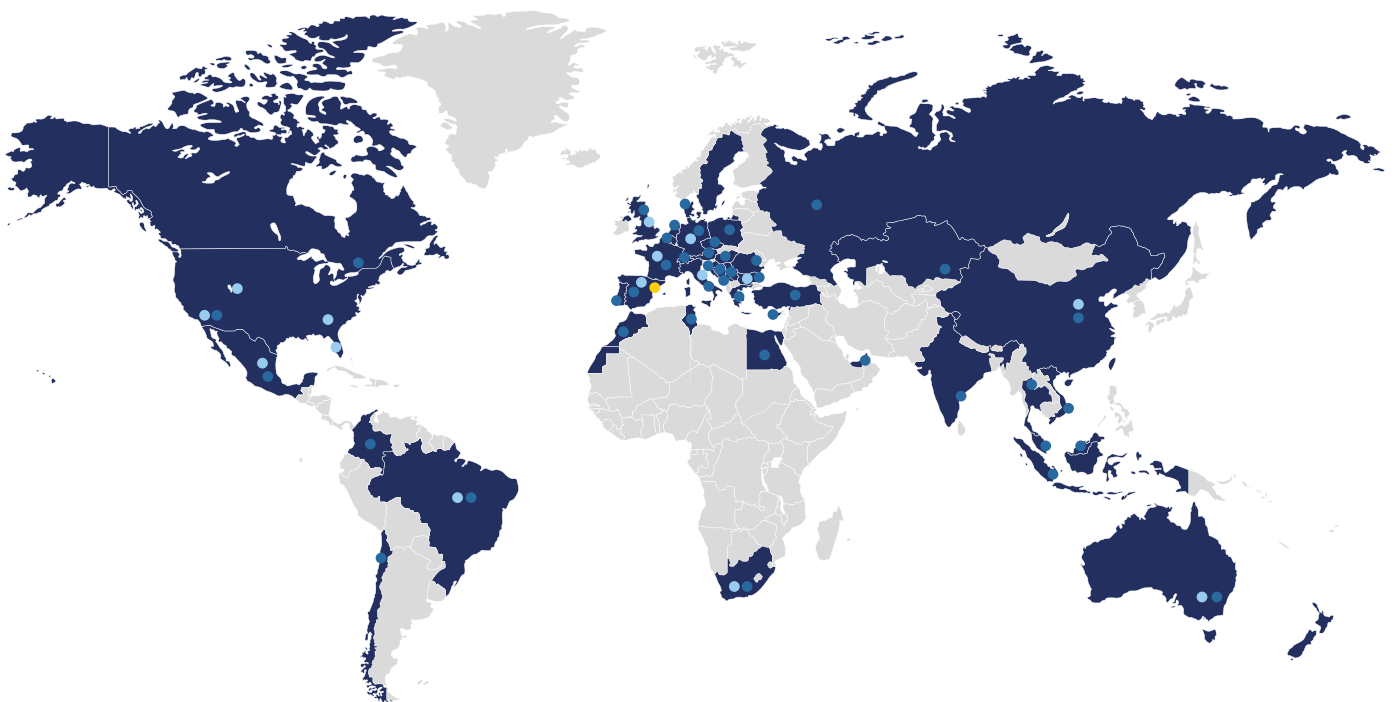
+135 points of sale, giving support and training to the professional clients in over 45 countries



### Engineering

Design and engineering of water projects

## A GLOBAL POWERHOUSE



• Sales branches

• Production centres

• Headquarters



## 2022 INNOVATION

Robotic Cleaner - Voyager™



### RE 4300



#### > OPTIMAL CLEANING PERFORMANCE

Its patented cyclonic suction is powerful and long-lasting. Its helix shaped brushes and dual stage progressive filtration collect all debris more efficiently, even the smallest ones.

With VOYAGER™, your pool will be perfectly clean all year round.



#### > INTEGRATED AGILITY

With its embedded smart sensors and its unique design, VOYAGER™ offers excellent pool coverage and agility. Thus, it is ideal for all pool shapes and surfaces.



#### > EASE OF USE

Its backlit top access filter, and its transparent window offers real daily ease of use.



#### DUAL STAGE FILTRATION

Progressive filtration 60μ and 150μ

# eXPERT

Versatile salt water treatment

**2** YEAR  
WARRANTY

UNCONDITIONAL  
WARRANTY  
UNCONDITIONAL

## EASE OF USE

With a large touchscreen and oversized fonts, eXPERT makes it easy to set up and adjust. Check your pool's status at-a-glance with the user-friendly information display.

## MAXIMUM VERSATILITY

Available in a wide range of options to treat pool volumes up to 180 m<sup>3</sup>, eXPERT guarantees long-lasting water treatment thanks to its sturdy cell.

## AUTONOMOUS WATER QUALITY

eXPERT provides full water treatment features with water balance management (pH regulation) and automatic regulation of chlorination (ORP regulation)\*.

\* Depending on the model.



## NN COMPTABILITY

eXPERT can be remotely controlled using the NN app if it is wired to a Fluidra Connect & Go pool automation system.



## > PICTOGRAMS

### Finding your way around the catalogue



	Can be installed in a technical room		Easy to remove from the water using the Lift System that expels a powerful jet of water contained in the cleaner.		Professional advice and/or installation recommended*
	Contains a titanium element		Prevents cable tangling		Product specific for natural pools ("bio pools")
	Control unit available for Hygro Control		Easy access to the filter with Push'n'Go™		Low salt technology chlorinator
	Whatever the problem, the equipment is repaired or exchanged during the guarantee period		Product fitted with cyclone suction technology.		4-Wheel Drive Cleaner
	Additional options can be added to the equipment		NF-certified guarantees quality and safety of certified products and services		Pool cover contact to adapt disinfection when pool is closed
	Easy installation of equipment		Option allowing the heat pump to cool the water in the pool		Heat function only
	Easy installation and no need to alter piping		Product that could be wired to a connected control device to be remotely managed using iAquaLink™ app		Minimum Air temperature required for optimal performance
	Compatible with the MagnaPool™ system		Product with built-in connectivity that can be remotely managed using iAquaLink™ app		Water temperature reading
	Compatible whit all surfaces		Product with low electricity consumption		Compatible with all type of spas
	Compatible with above-ground pools		All-in-one control : product embedding both water treatment and pool equipment management		Product with very silent operation
	Compatible with all types of pools		Optimization of movements and cleaning time depending on the configuration of the pool		Easy and quick-fix chlorinator cell
	Heatpump with Full Inverter technology	* Product recommended for sale in physical stores due to the product's specialized and complex nature and/or its installation.			



# FILTRATION



## FILTERS

- CS
- MS
- Crystal Clear

P.10

p.11

p.13

p.15



# FILTERS

## A COMPLETE FILTRATION RANGE

### > A FILTER FOR EVERY POOL

Central component of the filtration system, **the filter contains a filtration medium (that may be sand, glass, cartridge or another material, depending on the filter type)**. So, debris and impurities are trapped in the filter tank.

An efficient filtration system is **essential for the effectiveness of water treatment**.

**Zodiac® offers 2 filter ranges to best meet varying user needs:**

### > CS CARTRIDGE FILTERS

- + very compact filters that can be installed in confined technical rooms
- + ultra-fine filtration up to 15-20 µm for translucent water
- + saves water during maintenance (no backwash)
- + no need to connect to the drain

**3 YEAR**  
WARRANTY  
ALL PARTS

**5 YEAR**  
WARRANTY  
ON TANKS

ALL TYPES OF  
SWIMMING  
POOLS

FINE  
FILTRATION

ECO  
FRIENDLY

### > MS MEDIA FILTERS

- + long-lasting glass-fibre reinforced polyester filters
- + designed to work with sand and filtration glass (Crystal Clear)
- + easy maintenance

**3 YEAR**  
WARRANTY  
ALL PARTS

**10 YEAR**  
WARRANTY  
ON TANKS

ALL TYPES OF  
SWIMMING  
POOLS

EASY  
MAINTENANCE



**CS**

Eco-friendly cartridge filters  
for fine filtration

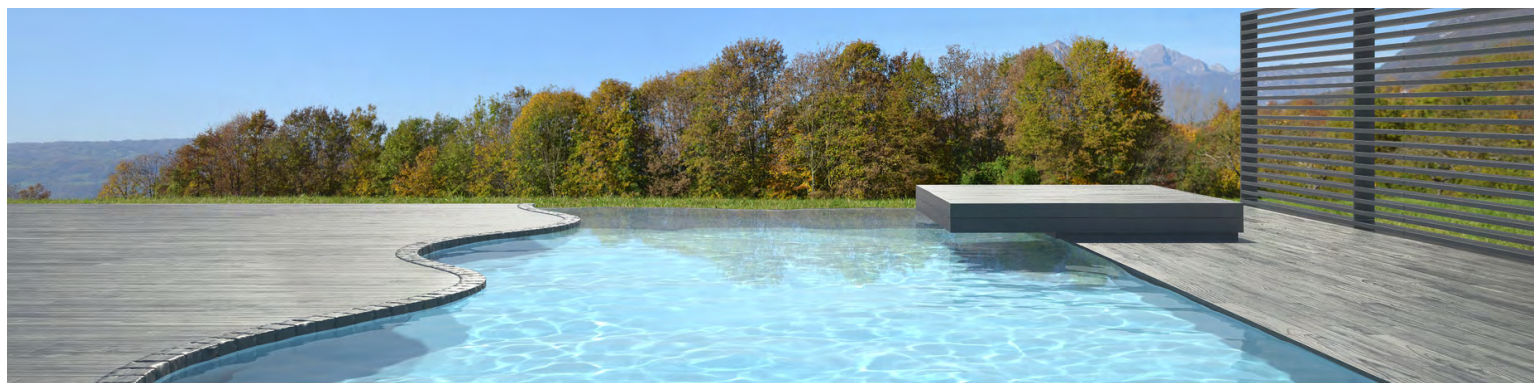


**MS**

Simple and long-lasting  
sand filters

### COMPARATIVE TABLE OF THE RANGE

	CS	MS
Warranty	5 years (tank) / 3 years	10 years (tank) / 3 years
Easy installation	Yes (VersaPlumb® kit)	-
Filtration medium	CS cartridge	Glass or sand
Filtration level	15 - 20 microns	20 - 50 microns
Number of models	2	5
Footprint	37 cm	47-95 cm
Max. pool volume	170 m³	200 m³
Pressure gauge	Yes	Yes
Multiway valve	N / A	Yes
Drain	Yes (+ connection kit)	Yes, double (media + water)





**3 YEAR**  
WARRANTY



**5 YEAR**  
WARRANTY  
ON TANK



## FILTERS

# CS



- + Ultra fine filtering
- + easy maintenance and water savings
- + Adapted to any pool pad

### ACCESSORIES INCLUDED IN THE PACK

				
15-20 µm filtering cartridge	63/50mm union tailpieces	63/50mm union tailpieces	Pressure gauge	Air relief

### OPTIONAL ACCESSORIES

### ASSOCIATED PRODUCTS

VersaPlumb® Kit	Cartridge CS 100	Cartridge CS 150
WF000026	R0462201	R0462301

### PRODUCT REFERENCES

Model	CS 100	CS 150
Standard Model	WF000024	WF000025

### DESCRIPTION

Model	CS 100	CS 150
Tank material	Fiber glass reinforced polypropylene	
Pressure gauge position	Onto the top cover	
Connections	63/50mm union tailpieces	
Drain	63mm, 63/50mm plumbing kit provided	

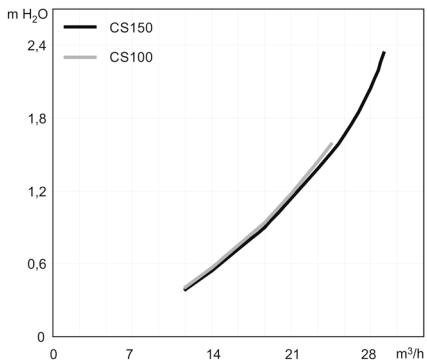
### TECHNICAL SPECIFICATIONS

Model	CS 100	CS 150
Filtration capacity m <sup>3</sup> (6 h/day)	130	170
Max flow rate (m <sup>3</sup> /h)	22.7	28.4
Filtering area (m <sup>2</sup> )	9.3	14
Cartridge layers number	143	215
Filtration speed (m <sup>3</sup> /h/m <sup>2</sup> )	2.4	2.1
Filtration speed at 1 m/s	0.64 m <sup>3</sup> /h/m <sup>2</sup>	
Working pressure (bar or kg/cm <sup>2</sup> )	0.2 - 0.8 (variable speed pump); 0.4 - 1.2 (single speed pump)	
Maximum pressure (bar or kg/cm <sup>2</sup> )	3.5	



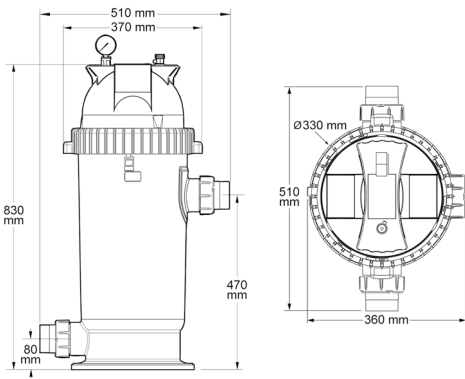
## PERFORMANCE

- CS filter head losses expressed in meters of water:  $1 \text{ m H}_2\text{O} = 0.1 \text{ bar}$



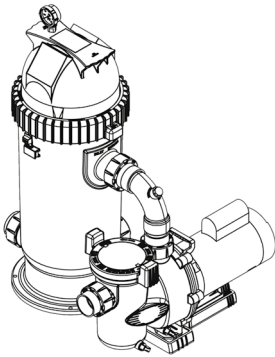
## DIMENSIONS AND WEIGHT

Model	CS 100	CS 150
Weight (filter + cartridge)	14 kg	13 kg
Footprint (filter foot diameter)	33 cm	
Overall height (with pressure gauge)	92 cm	
Needed clearance (to replace cartridge)	44 cm above the filter	



## INSTALLATION

- Optional Versa Plumb® kit allows a quick, compact and efficient connection between CS filter and any Zodiac FloPro™ pump.
- The Versa Plumb® sweep elbow is equipped with a 1/2" thread to install an earthing anode for example (see earthing anode kit in Water Treatment pages - part R0673800).



# FILTERS

## MS



**3 YEAR**  
WARRANTY

**10 YEAR**  
WARRANTY  
ON TANK



- + Easy to install
- + Efficient filtration
- + Easy maintenance

### ACCESSORIES INCLUDED IN THE PACK



"Classic" multiport valve kit



Pressure gauge & air relief kit



Bolts kit



Media filling cap

### ASSOCIATED PRODUCTS

Crystal Clear  
0,7/1,3 mm - Glass media

WF000063

Crystal Clear  
1,0/3,0 mm - Glass media

WF000064

### PRODUCT REFERENCES

Model	MS 470	MS 530	MS 650	MS 800	MS 950
Standard Model	WF000094	WF000095	WF000096	WF000097	WF000098

### DESCRIPTION

Model	MS 470	MS 530	MS 650	MS 800	MS 950
Tank material	Fiberglass reinforced polyester				
Multiport valve	6-way side mount valve (filtration, backwash, rinse, drain, circulation, closed)				
Pressure gauge position	Onto the top cover using a T-shape adaptor threaded into the lid				
Connections	All connections are threaded for an easy maintenance (multiport valve & piping)				
Drain	3/8" (water) / 2 1/2" (filter media, except for MS 470)				

### TECHNICAL SPECIFICATIONS

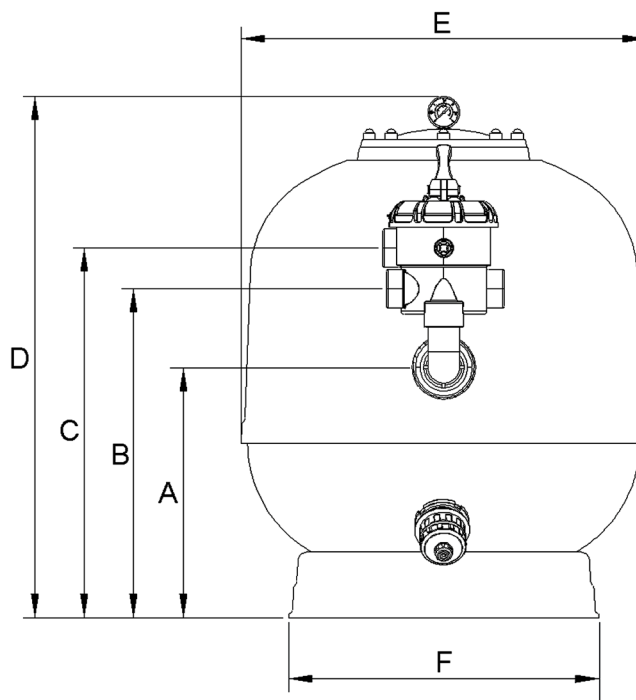
Model	MS 470	MS 530	MS 650	MS 800	MS 950
Tank diameter (mm)	475	532	645	798	950
Max flow rate (m³/h)*	8	10	16	23.5	33
Filtering area (m²)	0.16	0.2	0.32	0.47	0.66
Filtration capacity m³ (6h/day)	48	60	96	140	200
Diameter of threaded connections	1 ½"			2"	
Working pressure (bar or kg/cm²)	0.2 - 0.8 (variable speed pump); 0.4 - 1.4 (single speed pump)				
Maximum pressure (bar or kg/cm²)	2.5				
Total weight of Crystal Clear	75	90	135	270	420
Nbr of bags - Crystal Clear 1.0/3.0 mm	1			2	3
Nbr of bags - Crystal Clear 0.7/1.3 mm	4	5	8	16	25
Total weight of sand	85	100	160	305	460

\* : For a 50 m³/h/m² filtration speed

# DIMENSIONS AND WEIGHT

Model		MS 470	MS 530	MS 650	MS 800	MS 950
Clearance below valve*		310	320	375	390	420
A (mm)		340	350	405	430	460
B (mm)		465	475	530	660	690
C (mm)		529	539	594	736	766
D (mm)		705	745	815	984	1027
E external (mm)		475	532	645	798	950
E internal (mm)		450	510	635	770	920
F (mm)		347	400	490	625	705
Valve connections	Height spacing	64	64	64	76	76
	Width spacing	74	74	74	79	79
	Threaded ports	1½"	1½"	1½"	2"	2"
Complete filter net weight (kg)		15 kg	18 kg	21 kg	36 kg	58 kg

\* : Clearance below multiport valve elbow pipe to show clearance for pump installation





# Crystal Clear



- + Optimum filtration efficiency
- + Long lasting : lasts 3 times longer than sand
- + Eco-friendly : up to 75% water savings



## ASSOCIATED PRODUCTS

MS filter	Hydroxinator® iQ	Hydroxinator®
WF000094/95/96/97/98	WW000172/173/174/175	(old model)

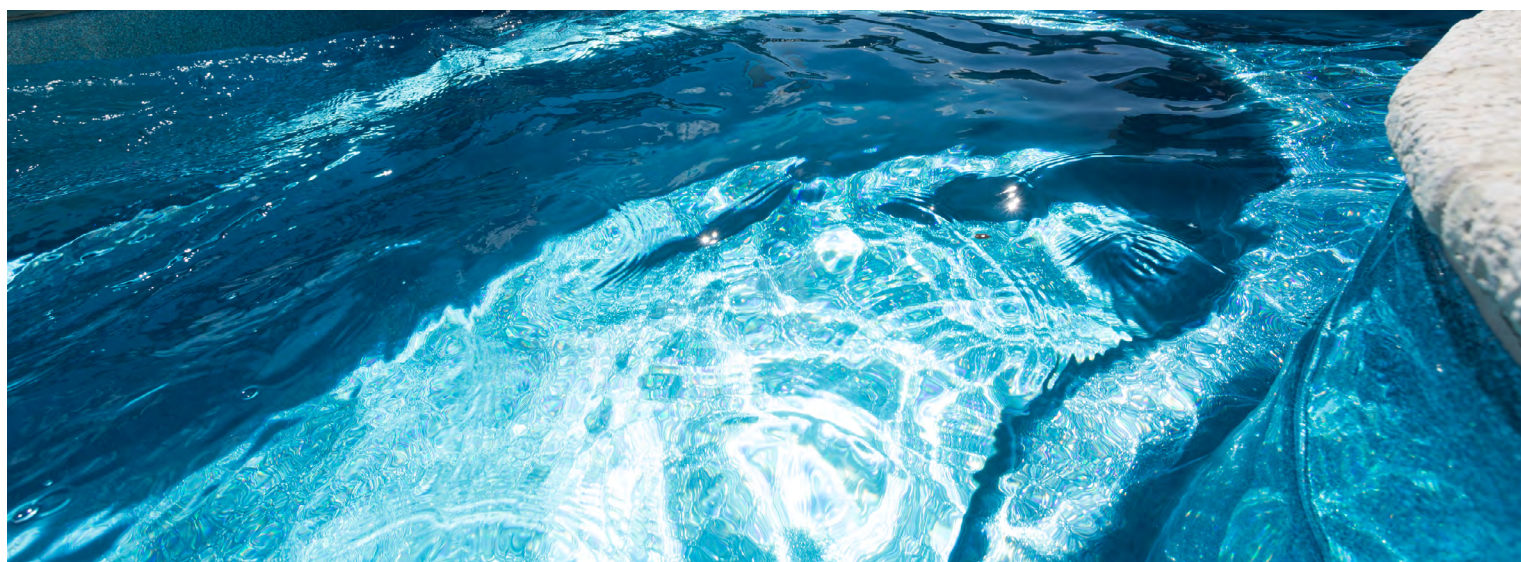
## PRODUCT REFERENCES

Model	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
Standard Model	WF000063	WF000064

## DESCRIPTION

Model	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
Contents	Filtering medium made of 100% pure glass crystals	
Form	Translucent	
Dosage	Total weight in the filter : 10% less than the equivalent in sand 1,0/3,0mm : sufficient to cover the filter laterals 0,7/1,3 mm : in addition, to make up the total weight	
Filtration efficiency	77,9% turbidity reduction*	
Bag dimensions (l x h)	45 x 65 cm	
Bag net weight	15 kg (= shipping unit, skus can be mixed on a pallet)	

\* Turbidity reduction test carried in a lab with Crystal Clear fine, under EN 16713-1 standard ( test §7.2.4). Regulatory requirement is 50% min.







# PUMPS

**ZODIAC®**

## PUMPS

**P.18**

- FloPro™ p.22
- FloPro™ e3 p.24
- FloPro™ VS p.26
- iQPUMP p.28

# PUMPS

## A COMPLETE RANGE TO SUIT EVERY NEED

### > VARIABLE SPEED, THE NEW ECO-SILENT STANDARD

The variable speed pump can operate for a longer daily duration at a lower speed, while offering **4 essential advantages**:

#### 1) SILENT OPERATION

Zodiac® variable-speed pumps emit up to 24 dB(A)\* less than a single-speed pump, which is equivalent to the noise level in a library.

##### Did you know?

A reduction of 3 dB(A) represents a noise that is perceived to be twice as quiet to the human ear.

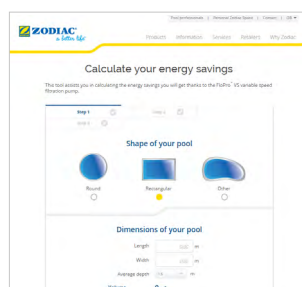
#### 2) ENERGY SAVINGS

Thanks to their TEFC\*\* permanent magnet synchronous motors using ECM\*\*\* technology, Zodiac® variable-speed pumps help **reduce electric consumption by up to 90%**. So, in comparison with a single-speed pump, it pays for itself in just a few seasons.

##### Did you know?

Make sales easier using our online energy saving calculator to show your clients the savings they could make.

Zodiac® online energy saving calculator



#### 3) OPTIMISED WATER TREATMENT

Operating at a slower speed and with the flexibility to adapt to all pools, the speed at which the water passes through the filter is reduced and **filtration is greatly improved**. This also reduces the chances of the filter clogging.

##### Did you know?

The combined use of a variable-speed pump and a cartridge filter gives you an eco-friendly system that consumes less water (no backwash).

#### 4) CONNECTIVITY

With the new iQPUMP Wi-Fi connecting device, it's now possible to **remotely manage FloPro™ VS pump thanks to the iAquaLink™ app**.

##### Did you know ?

Benefit from an intuitive user interface to control your filtration system thanks to iAquaLink™ app.

Manage the pump and program up to 10 timers without being on site.



**3 YEAR**  
WARRANTY

**LOW NOISE**  
LEVEL

**ENERGY**  
SAVING

**ECO**  
FRIENDLY

**LARGE**  
CAPACITY

**EASY**  
MAINTENANCE

**EASY**  
RETROFIT

**MIN**  
0-3450  
**MAX**  
RPM

**iAquaLink**  
CONTROL

\* Compared to a standard filtration pump emitting at least 66 dB(A). Values expressed in A-weighted acoustic power level according to ISO standard 3741.

\*\* TEFC = Totally-Enclosed Fan-Cooled

\*\*\* ECM = Electronically Commutated Motor (= electronically controlled "brushless" motor)



## DESIGNED TO ATTRACT YOUR CLIENTS

Our pumps range has been created based on the needs expressed by a panel of consumers\*. So, this new range and its specific advantages will be sure to win your customers over.

### > STRONG GUARANTEES

86%\* of consumers are looking for reliable, long-lasting products

- 3-year warranty all parts, including wear parts (pre-filter basket, joints, etc.).

**3** YEAR  
WARRANTY  
ALL PARTS

### > EASY MAINTENANCE

75% of consumers favour the ease of maintenance

- All our pumps come fitted with a very large pre-filter basket (2.6 L) for easy maintenance, meaning you can wait longer between cleyears.



UP TO 117%  
LARGER

**LARGE  
CAPACITY**

### > ENERGY SAVINGS

66% of consumers want to take control of their energy consumption

- Our variable-speed pumps are incomparably energy-efficient.
- Our single-speed pumps are high-performance, which means you can use less powerful models (depending on the installation).



**ECO  
FRIENDLY**



\*"Use and Attitudes" consumer survey conducted in France in 2015 on a representative sample of 779 people.



## EASY TO INSTALL

Our filtration range has been well thought-out to make your everyday life easier: **simple, quick to install and easy to maintain.**

### > PUMPS THAT ARE EASY TO INSTALL, EVEN WHEN REPLACING

All Zodiac® filtration pumps are available from a unique FloPro™ platform that guarantees the same installation, replacement and maintenance advantages, for all models in our filtration range.

#### Strengths:

- 1** Suction and discharge with **double thread** (external and 2" internal),
- 2** Exclusive 63/50 mm **union connectors**,
- 3** **Bases to elevate the pump** (included with FloPro™ VS, optional for other models)



#### • Easy Retrofit:

- Pumps can be installed without changing the piping and can be **easily fitted into the majority of existing installations, thanks to the bases.**
- Easy Retrofit system is valuable for both single speed and variable speed versions of a same pump model.
- Replacement compatibility based on data published by manufacturers. A tolerance of +/- 10 mm is acceptable if [intake pipe length] = 4x[pipe diameter], according to applicable hydraulics standards.

Pump models written in purple are Easy Retrofit compatible for both inlet and outlet.

Pump models written in blue are Easy Retrofit compatible for inlet only (slight outlet pipe modification needed).



#### UPDATED LIST

Pump to replace	Retrofit solution
<p>Calpeda® : MPC 11, 21, 31 &amp; 41 (without base)</p> <p>Hayward® : TriStar, SuperPump, Max-Flo XL, Max-Flo, SuperPool, SuPerPool II, Super II, RS II</p> <p>Kripsol® : Koral-KSE / KSV, Caribe-CK, Ondina-OK, Epsilon-EP, Prime-KPR / KPRV, KS Evo, KSX Pro</p> <p>KSB® : Filtra N</p> <p>Pentair® : SuperFlo</p> <p>Procopi® : Eurostar II, Eurostar Eco Touch Pro</p> <p>PSH® : Mini3, Lia S, ND1, ND2</p> <p>Saci® : Optima</p> <p>Speck : BADU Bettar / TOP / Magna, BADU Gamma, BADU Eco Touch-Pro / Eco Soft, BADU90, BADU Prime / Prime Eco VS</p> <p>StaRite® : SuperMax, S5P1R</p> <p>Waterco® : Aquamite, Supatuf</p>	<p><b>A</b></p> <p>FloPro™, without base</p>
<p>Aqua Technix® : Aqua Master</p> <p>DAB® : Swim, Euroswim &amp; Europro 50, 75 &amp; 100, E-Swim</p> <p>Espa® : Silen Plus 1M, Silen Plus 2M / 3M, Silen S, Silen S2, Silver Majestic® : Master</p> <p>Saci® : Winner, [e]Winner</p> <p>Speck® : BADU Profi</p> <p>Waterco® : Supasteam</p>	<p><b>B</b></p> <p>FloPro™ + thin base</p>
<p>AstralPool® : Europa</p> <p>Davey® : Silensor SLS, Silensor SLL, SilensorPro VSD200, SilensorPro VSD400</p> <p>Pentair® : UltraFlow, UltraFlow Plus, Max-E-ProXF, 5PXF</p> <p>Speck® : BADU EasyFit</p> <p>Starite® : Ultra-Glas, S5P3R</p>	<p><b>C</b></p> <p>FloPro™ + thin base + spacing</p>
<p>AstralPool® : Victoria Plus, Victoria Plus Silent, Glass Plus, Discovery, Niagara</p> <p>Calpeda® : MPC 11, 21, 31 &amp; 41 (avec son socle)</p> <p>Pentair® : Challenger, WhisperFlo</p> <p>StaRite® : WhisperPro, S5P6R</p>	<p><b>D</b></p> <p>FloPro™ + thick base</p>
<p>StaRite® : 5P2R, S5P2R, 5P6R, SW5P6R, Max-E-Pro</p> <p>Waterco® : Lacronite, Lacronite ECO-V</p>	<p><b>E</b></p> <p>FloPro™ + thick + thin base</p>



# PUMPS

## > SINGLE-SPEED PUMPS, LONG-LASTING AND EFFICIENT FOR ALL POOLS

FloPro™ pumps are designed with corrosion-resistant materials. The body of the pump is made of very thick polypropylene, which makes it long-lasting and silent.

Equipped with highly energy-efficient asynchronous motors, the range is available in 9 models (from 0.5 to 2.0 HP, available in mono- or tri-phase, except for the 0.5 HP model) to meet the needs of most pools.

The FloPro™ platform is compatible with most equivalent pumps on the market with no restrictions and no need to alter piping, thanks to the "Easy Retrofit" system.

**3** YEAR  
WARRANTY

  
ALL TYPES OF  
SWIMMING  
POOLS

  
LARGE  
CAPACITY

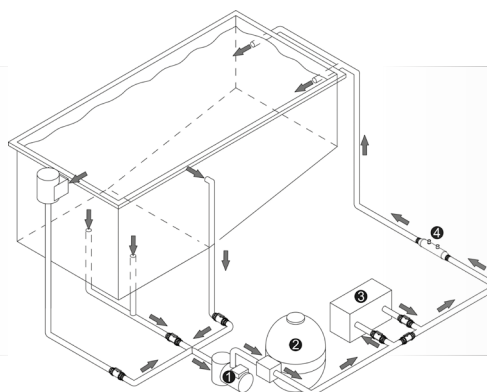
  
EASY  
MAINTENANCE

  
EASY  
RETROFIT

PUMPS

### STANDARD INSTALLATION

- 1 FloPro™ pump
- 2 Filter
- 3 Heating system
- 4 Water treatment system



### COMPARATIVE TABLE OF THE RANGE

	FloPro™ VS	FloPro™ VS AUT	FloPro™ e3	FloPro™
	Variable-speed pump, for maximum energy efficiency		Variable-speed pump, simple and energy-efficient	Single-speed pumps, long-lasting and efficient for all pools
Warranty	3 years	3 years	3 years	3 years
"Easy retrofit" installation	•	•	•	•
Pump bases for Easy Retrofit	•	•	Option	Option
High capacity pre-filter	•	•	•	•
Number of speeds	8	10	3	1
Pump speed	600-3450 RPM		1000-2850 RPM	2850 RPM
Number of models	1	1	1	9
Power (P2)	1,65 CV		1,0 CV	0,5 à 2,0 CV
Max. pool volume	100 m³		80 m³	150 m³
Optimum efficiency	30-80 m³		15-60 m³	N/A
Removable user interface	•			N/A
Dry contacts control	•			N/A
Compatible with Zodiac® automation	•	•		
Compatible with iQPUMP (smartphone control)	•	•		



- + Built to last
- + High efficiency
- + Silent

## ACCESSORIES INCLUDED IN THE PACK



63/50mm union tailpieces



OPTIONAL ACCESSORIES		ASSOCIATED PRODUCTS	
Thin pump base	Large pump base	CS Cartridge Filter	MS Filter
R0486701	R0546401	WF000024/25	WF000094/95/96/97 & 98

## PRODUCT REFERENCES

FloPro™	50M	75M	75T	100M	100T	150M	150T	200M	200T
Standard Model	WP000147	WP000148	WP000149	WP000150	WP000151	WP000152	WP000153	WP000154	WP000155

## DESCRIPTION

FloPro™	50M	75M	75T	100M	100T	150M	150T	200M	200T
Operating mode(s)	Controlled by the filtration timer								
Nominal speed	2850 RPM								
Safety features	Automatic shut down in case of high amperage / overheat situation								
Filter basket volume	2.6 L								
Compatible pipework	DN50 mm & DN63 mm (2" inlet & outlet threaded ports, 63/50mm union tailpieces provided)								
Use	Fresh water and salt water up to 6 g/L (6000 ppm)								

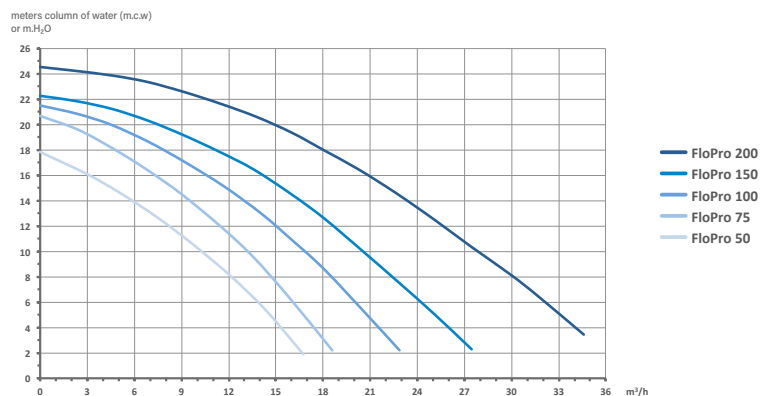
## TECHNICAL SPECIFICATIONS

FloPro™	50M	75M	75T	100M	100T	150M	150T	200M	200T
Pump type	Self-priming water pump								
Motor type	Asynchronous motor, TEFC*, class F insulation								
Efficiency	> 80 % (as per IE3 standard)								
Output power HP (P2)	0.5	0.75	1	1.5	2				
Output power Kw (P2)	0.37	0.55	0.75	1	1.5				
Max amperage (A)	3.5	1.2	4.2	1.6	6	3.2	7.6	3.5	
Power supply 50 HZ	Single phase	3-phase	Single phase	3-phase	Single phase	3-phase	Single phase	3-phase	
Flow rate at 10m head (m³/h)	10.3 m³/h	13.2 m³/h	15.8 m³/h	20.8 m³/h	27 m³/h				
Maximum flow rate (m³/h)	16.8 m³/h	18.6 m³/h	22.9 m³/h	27.4 m³/h	35.5 m³/h				
Maximum manometric Head (m)	17.8 m	20.7 m	21.5 m	22.3 m	24.5 m				
Maximum water temperature	35 °C								
Protection rating	IPX5								

\* TEFC = Totally Enclosed Fan Cooled

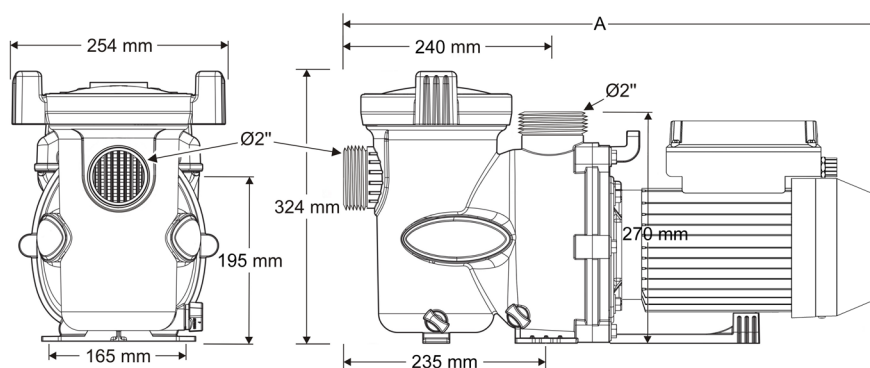
## PERFORMANCE

- Performance curves for FloPro™ single speed pump range.
- Manometric pressure is expressed as "pump head" in meters of water:  
1 bar = 10.19 m.

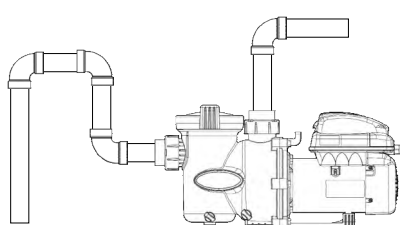


## DIMENSIONS AND WEIGHT

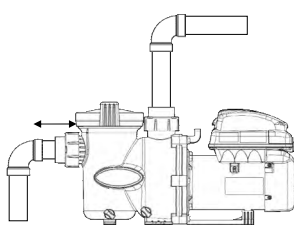
FloPro™	50M	75M	75T	100M	100T	150M	150T	200M	200T
Length (A)	58.3 cm		54.3 cm	58.3 cm	55.3 cm	58.3 cm	56.8 cm	58.3 cm	
Height	32.4 cm (without pump base)								
Width	25.4 cm								
Weight	16 kg	17 kg			18 kg	19 kg	20 kg	21 kg	



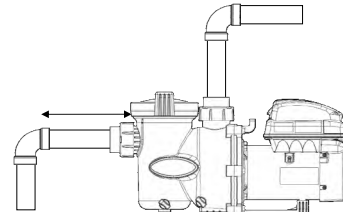
## INSTALLATION



Incorrect : Air retention and risk of incorrect pre-filter filling.



Incorrect : Suction pipe too short, risk of cavitation.



Correct : Length of suction pipe = 4 x pipe diameter (20cm for 50mm and 25cm for 63mm)

# FloPro™ e3



- + Guaranteed energy savings
- + Ultra-silent
- + The variable speed essentials, for all pools up to 80m<sup>3</sup>

## ACCESSORIES INCLUDED IN THE PACK

**3 YEAR**  
WARRANTY



63/50mm union tailpieces

OPTIONAL ACCESSORIES		ASSOCIATED PRODUCTS	
Thin pump base	Large pump base	CS Cartridge Filter	MS Filter
R0486701	R0546401	WF000024/25	WF000094/95/96/97 & 98

## PRODUCT REFERENCES

Model	FloPro™ e3 100
Standard Model	WP000156

## DESCRIPTION

Model	FloPro™ e3 100
User interface	1-line LCD screen (blue)
Operating mode(s)	Controlled by the filtration timer
Number of speeds	3 programmable speeds (+/- 50 RPM) Factory settings: ECO (1400 RPM), Clean (2150 RPM) & BOOST (2850 RPM)
Priming	Automatic at startup (2 min at 2850 RPM)
Safety features	Automatic shut down in case of high amperage / overheat situation
Filter basket volume	2.6 L
Compatible pipework	DN50 mm & DN63 mm (2" inlet & outlet threaded ports, 63/50mm union tailpieces provided)
Use	Fresh water and salt water up to 6 g/L (6000 ppm)

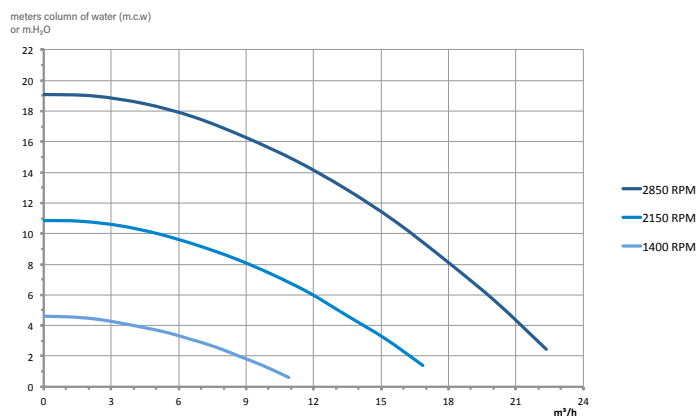
## TECHNICAL SPECIFICATIONS

Model	FloPro™ e3 100
Pump type	Self-priming water pump
Motor type	Synchronous motor (ECM* technology), TEFC**, class F insulation
Efficiency	> 80 % (as per IE3 standard)
Output power HP (P2)	1
Output power Kw (P2)	0.75
Flow rate at 10m head (m <sup>3</sup> /h)	16.3 m <sup>3</sup> /h (at 2850 RPM)
Maximum flow rate (m <sup>3</sup> /h)	22.4 m <sup>3</sup> /h
Maximum manometric Head (m)	19.1 m
Maximum water temperature	35 °C
Speeds	1000 - 2850 RPM (adjustable by 50 RPM increments)
Protection rating	IPX5
Power supply	220-240 VAC - 50 Hz

\*: ECM = Electronically Commutated Motor  
\*\*: Totally-Enclosed Fan-Cooled

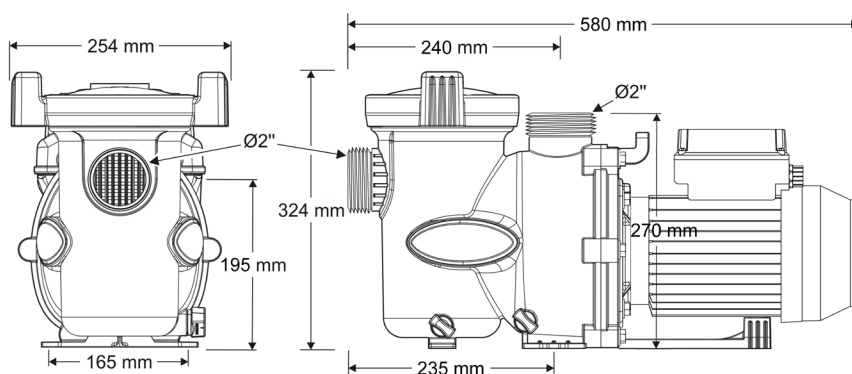
## PERFORMANCE

- Performance curves shown for example speeds (each speed has a unique curve).
- Manometric pressure is expressed as "pump head" in meters of water:  
1 bar = 10.19 m.

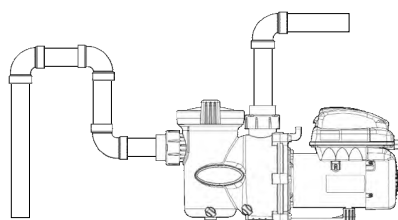


## DIMENSIONS AND WEIGHT

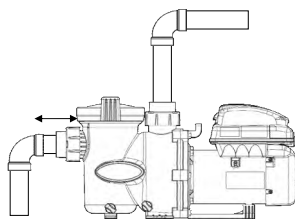
Model	FloPro™ e3 100
Length	58 cm
Height	32.4 cm (without pump base)
Width	25.4 cm
Weight	14 kg



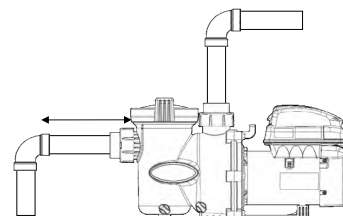
## INSTALLATION



Incorrect: Air retention and risk of incorrect pre-filter filling.



Incorrect: Suction pipe too short, risk of cavitation.



Correct: Length of suction pipe = 4 x pipe diameter (20 cm for 50 mm and 25 cm for 63 mm).

# FloPro™ VS



- + Guaranteed energy savings and silence
- + Smart operation
- + Remote control

## ACCESSORIES INCLUDED IN THE PACK



Wall mounting kit (standard FloPro™ VS only)



Thin pump base



Large pump base



63/50mm union tailpieces

**3 YEAR**  
WARRANTY

ALL TYPES OF  
SWIMMING POOLS

PROFESSIONAL ADVICE  
RECOMMENDED

ENERGY  
SAVING

EASY  
RETROFIT

LOW NOISE  
LEVEL

ECO-  
FRIENDLY

MagnaPool  
ECOSYSTEM

iAquaLink  
COMPATIBLE

## ASSOCIATED PRODUCTS

iQPUMP	CS Filter	MS Filter
WA000017	WF000024/25	WF000094/95/96/97 & 98

## PRODUCT REFERENCES

Model	FloPro™ VS	FloPro™ VS AUT
Standard Model	WP000003	WP000079

## DESCRIPTION

Model	FloPro™ VS	FloPro™ VS AUT
User interface	1-line LCD screen (blue)	/
Languages	6 (FR-EN-ES-DE-IT-NL)	
Operating mode(s)	Autonomous, connected to Zodiac® automation, external control by dry contacts	Connected to iQPUMP or Zodiac automation
Clock / Timer	24h clock, timers (speeds 1 & 2), timeout mode (speeds 3 & 4)	Via iAquaLink™ app (up to 10 timers)
Number of speeds	8 programmable and assignable speeds (+/- 10 RPM)	10 programmable speeds via iAquaLink™ app
Priming	Automatic at startup, adjustable priming speed and duration	
Safety features	Electronic freeze protection Automatic shut down in case of high or low tension	
Filter basket volume	2.6 L	
Compatible pipework	DN50 mm & DN63 mm (2" inlet & outlet threaded ports, 63/50mm union tailpieces provided)	
Use	Fresh water and salt water up to 6 g/L (6000 ppm)	

## TECHNICAL SPECIFICATIONS

Model	FloPro™ VS	FloPro™ VS AUT
Pump type	Self-priming water pump	
Motor type	Permanent magnet synchronous motor (ECM* technology), TEFC**, class F insulation	
Efficiency	> 80 % (as per standard IE3)	
Output power HP (P2)	1.65	
Output power Kw (P2)	1.23	
Flow rate at 10m head (m³/h)	24.1 m³/h (at 3450 RPM)	
Maximum flow rate (m³/h)	30.7 m³/h	
Maximum manometric Head (m)	21.5 m	
Maximum water temperature	35 °C	
Speeds	600 - 3450 RPM (adjustable by 10 RPM increments)	
Protection rating	IPX4	
Power supply	220-240 VAC - 50/60 Hz	
Connections for external controls	RS485 for connection to automation Zodiac or iQPUMP, dry contact for external activation (speeds 1 to 4)	

\*: ECM = Electronically Commutated Motor

\*\* : Totally-Enclosed Fan-Cooled



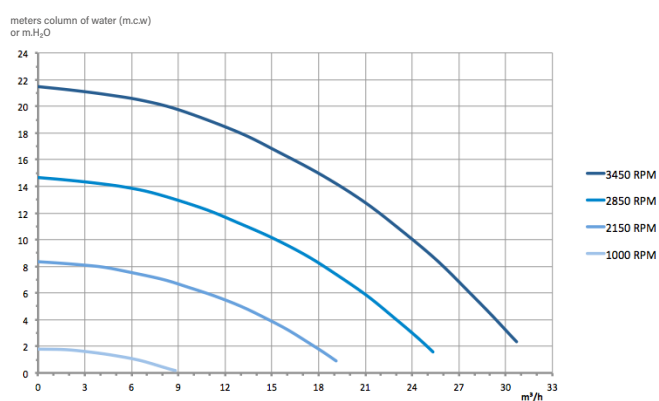
## 1 RANGE, 3 SOLUTIONS

I WANT A CONNECTED POOL		I WANT A CONNECTED PUMP		I WANT A PUMP ONLY
				
Pump model	Remote control	Pump model	Remote control	
<b>FloPro™ VS AUT</b>	<b>eXO® iQ Range Hydroxinator® iQ</b>	<b>FloPro™ VS AUT</b>	<b>iQPUMP</b>	<b>FloPro™ VS</b>
WP000079		WP000079	WA000017	WP000003

## PERFORMANCE

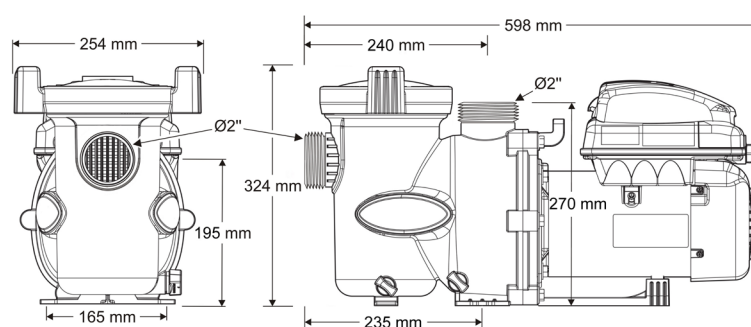
- Performance curves shown for example speeds (each speed has a unique curve).
- Manometric pressure is expressed as "pump head" in meters of water:

1 bar = 10.19 m.



## DIMENSIONS AND WEIGHT

Model	FloPro™ VS	FloPro™ VS AUT
Length		59.8 cm
Height		32.4 cm (without pump base)
Width		25.4 cm
Weight		17 kg



# iQPUMP



**3 YEAR**  
WARRANTY



EASY  
INSTALLATION



ECO-  
FRIENDLY

**iAquaLink™**  
CONTROL

- + Remote control anywhere, anytime
- + Easy configuration
- + Maximized energy efficiency

## ACCESSORIES INCLUDED IN THE PACK



Wall mounting kit

## PRODUCT REFERENCES

Model	iQPUMP
Standard Model	WA000017

## DESCRIPTION

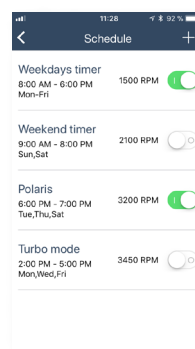
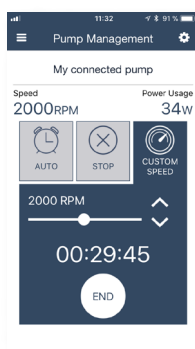
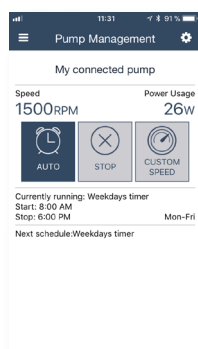
Model	iQPUMP
User interface	Quick control interface via buttons and Leds
Mobile user interfaces	Free iAquaLink™ app for Android™ and Apple® smartphones and tablets
Operating mode(s)	Wi-Fi connection for remote access and control using iAquaLink™ app User interface onto Wi-Fi device for initial setup and on-site manual control.
Compatible with	FloPro™ VS AUT (dedicated model) FloPro™ VS pump (all manufacturing years are compatible)

## TECHNICAL SPECIFICATIONS

Model	iQPUMP
Protection rating	IPX4
Power supply	Connected to the pump FloPro™ VS (RS485 cable provided)
Wi-Fi connectivity	Wi-Fi 802.11b/g/n/ac *
Wi-Fi range	Up to 150 m **
Length of RS485 cable	4.3 m
Dimensions ( l x h x w)	13.7 x 31.0 x 3.2 cm

\* : A Wi-Fi band selection in router's settings menu may be needed depending on situation.

\*\* : Max range without obstacles (partitions, walls, ironwork...). Use of a Wi-Fi range extender or a powerline Wi-Fi hotspot may be required in some cases.





# WATER TREATMENT EQUIPEMENT



**ZODIAC®**

WATER  
TREATMENT  
EQUIPEMENT

<b>INTRODUCTION</b>	<b>P.30</b>
<b>AUTOMATICAL REGULATORS</b>	<b>P.31</b>
▪ pH Expert	p.32
▪ Chlor Expert	p.35
<b>SALT WATER CHLORINATORS</b>	<b>P.37</b>
▪ Ei <sup>2</sup>	p.38
▪ Ei <sup>2</sup> Expert	p.40
▪ eXPERT	p.44
▪ eXO® iQ	p.48
▪ eXO® iQ LS	p.50
▪ pH Link	p.52
<b>MAGNAPOOL® MAGNESIUM BASED CHLORINATOR</b>	<b>P.54</b>
▪ Hydroxinator® iQ	p.56
▪ MagnaPool® Minerals	p.58
▪ Crystal Clear	p.59
<b>MINERAL PURIFIERS</b>	<b>P.60</b>
▪ Nature <sup>2</sup> Spa	p.61



## 5 RANGES OF WATER TREATMENT PRODUCTS

Water is an unstable and continually changing element, particularly in a swimming pool. Physico-chemical treatment of the water is therefore necessary to make it healthy, clear, balanced, disinfected and antibacterial.

Zodiac® offers 5 product families to free swimming pool owners from the burdens of water treatment:

- **Stand-alone pH regulators** to provide the optimum pH whatever the type of disinfection used,
- **Stand-alone ORP regulators** to manage chlorine disinfection automatically,
- **Easy-to-Install, long-lasting and upgradeable salt chlorinators** (specific models with regulations, or optional add-ons regulation modules on certain models), offered in 3 different levels of range,
- **Patented exclusive MagnaPool® solution** for a complete magnesium-based chlorination, focused on water clarity, bathing comfort and the environment (see specific pages),
- **Nature<sup>2</sup> mineral purifier for spas disinfection** with less chlorine.

### POSSIBLE COMBINATIONS OF THE DIFFERENT SYSTEMS

#### Disinfection

Water disinfection that adapts to every need and every budget.



#### pH regulation

The basis of water treatment, adapted to each Zodiac® disinfection or chlorinator solutions.



MagnaPool® is an exclusive, magnesium-based chlorinator solution for incomparably gentle, pure and crystal clear water and unequalled bathing comfort.



MagnaPool® minerals



Crystal Clear filtration glass



Hydroxinator® iQ



# PH REGULATION SYSTEMS

## For perfect water balance

Zodiac pH regulation systems incorporate proportional dosing technology to **maintain an ideal pH automatically** for the comfort of bathers. For optimal water balance, it includes a function to adjust injection cycles depending on the total alkalinity (TAC) of the water. **A choice of 3 settings is available:**

**Low alkalinity**  
TAC < 10 °f (100 ppm CaCO<sub>3</sub>)

**Standard alkalinity**  
Default setting

**High alkalinity**  
TAC > 15 °f (150 ppm CaCO<sub>3</sub>)

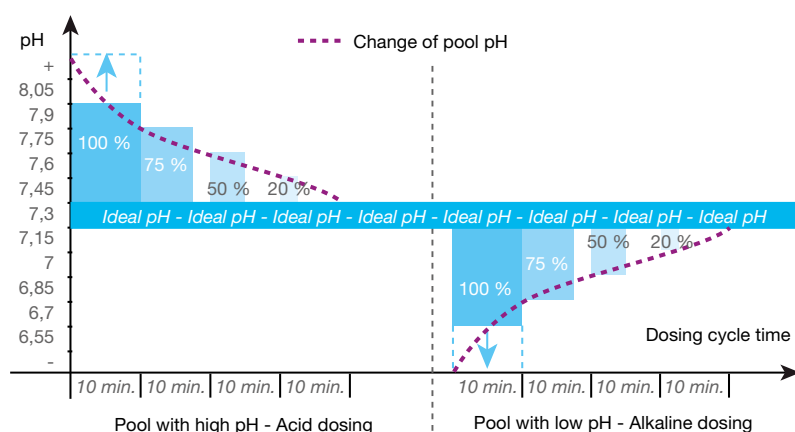
### > SAFE, AUTO-ADAPTIVE OPERATION

Depending on the value measured by the sensor, Zodiac® pH regulation systems automatically adjust the pH of the swimming pool up or down, using a peristaltic dosing pump.

The dosing time depends on **the difference between the pH of the swimming pool and the ideal pH (set point value)**. The water balance in the swimming pool is maintained at the desired value without taking any action.

Zodiac® pH regulation systems are equipped **with an exclusive overdosing safety device** (called 'OFA') to prevent excessive injection. The safety device is adjustable and operates in 3 steps to determine whether or not it is necessary to inject correcting product.

#### EXCLUSIVE AUTO-ADAPTIVE DOSING

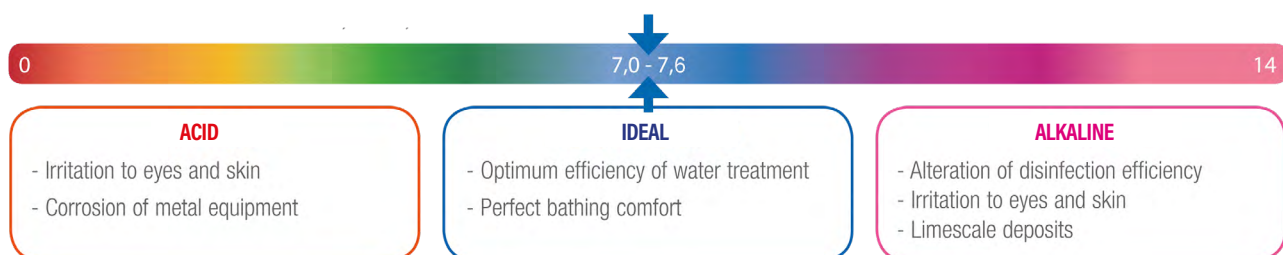


### > FOR GREATER COMFORT

For the comfort of bathers, the pH of the swimming pool must be kept between 7.0 and 7.6:

- Below this, the water is aggressive.
- Above this, larger doses of disinfectant are needed to maintain healthy water and combat the growth of algae.
- The ideal pH for the swimming pool water is also the average pH of the human body, and more especially the blood, which is between 7.35 and 7.45.

#### PH SCALE



#### DID YOU KNOW?






The pH must be controlled and adjusted, whatever the disinfection system used. As a result, Zodiac pH regulation systems can be used in all types of pools.

# pH Expert



- + Automatic pH regulation
- + Accurate dosing
- + Anti-overdose protection

## ACCESSORIES INCLUDED IN THE PACK

				
pH Sensor	Buffer solutions kit	Plumbing kit	Wall mounting kit	Suction Pipe

**2 YEAR**  
WARRANTY

ALL TYPES OF  
SWIMMING POOLS

PROFESSIONAL ADVICE  
RECOMMENDED

EASY  
INSTALLATION

## FOR WHICH POOL?

Model	pH Expert
Volume of treated water (temperate climate)	150 m <sup>3</sup>
Dosage	Acid or alkaline

## DESCRIPTION

Model	pH Expert
Standard Model	W500708
User interface	1-line, backlit LCD screen
Languages	6 (FR-EN-ES-DE-IT-NL)
Calibration	Semi-automatic, 1 or 2 step(s) (Buffer solutions kit included)
Setpoints	Factory setting: pH = 7,4
Sensor position	Vertical
Safety	Configurable 'OFA' three-level over-feed alarm (settings from 0 to 6 h, default 4 h) Level sensor on intake pipe (equipped with anti-fumes cap)

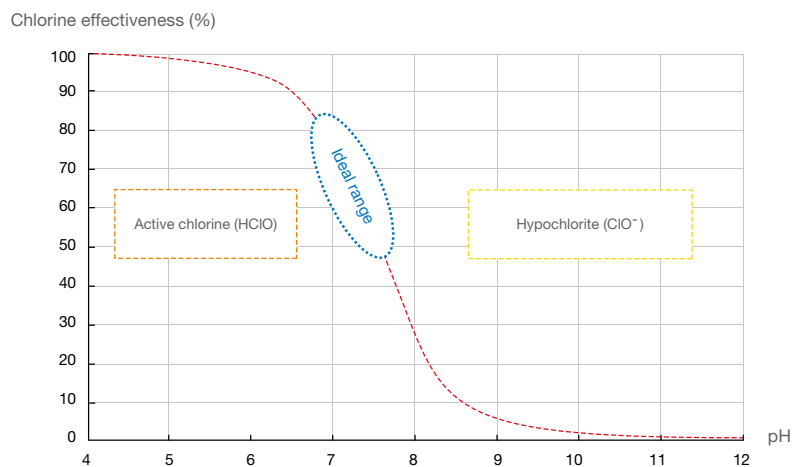
## TECHNICAL SPECIFICATIONS

Model	pH Expert
Sensor type pH or ORP	Combined sensor, simple-junction and simple-porous, Ø12 mm glass body
Reading scale	0,0 - 14,0 pH
Reading accuracy	0,1 pH
Sensor Tolerances	0-60 °C, water speed ≤ 2 m/s
Maximum counter pressure (injection point)	1,5 bar
Peristaltic pH pump flow	1,5 L/h
Fixing collar**	For 50 mm pipes (standard) or 63 mm (accessory)
Protection index	IP65
Size (l x h x p)	19,5 x 23,6 x 8,5 cm
Power supply	220-240 VAC / 50-60 Hz

\* Excluding consumable parts that have 1 year warranty (buffer solutions, peristaltic tube, one-way valve)

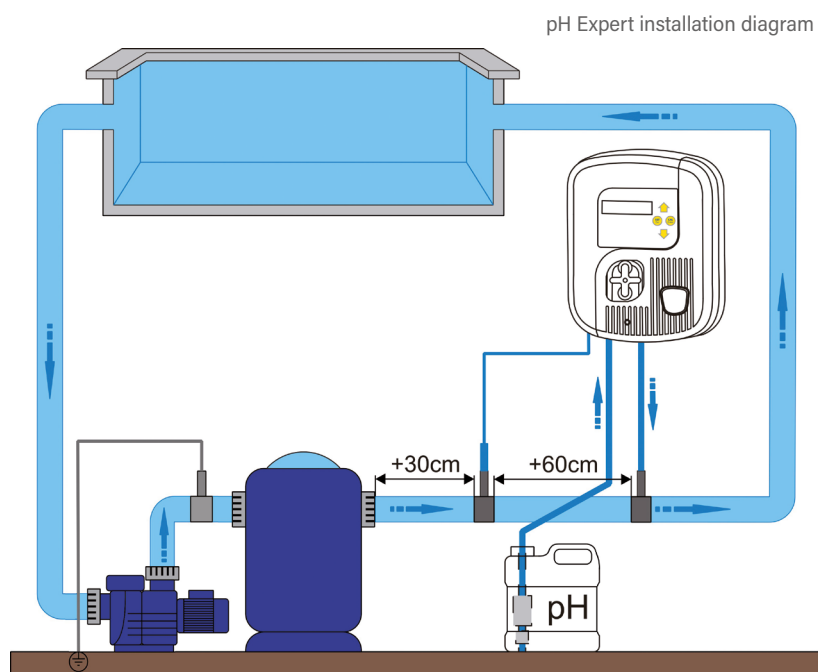
\*\* not needed if the "POD Kit" option is used.

pH value is essential to maintain chlorine effectiveness:



## INSTALLATION

- The sensor must be placed more than 30 cm before or after any elbow fittings (otherwise, use the Pod Kit)
- The sensor must be installed vertically (maximum tolerance: 45°). Its cable (BNC type) is 5 m long.
- It is recommended to ground the pool water, so as to avoid parasitic currents.



## OPTIONAL ACCESSORIES

POD Kit	63mm saddle clamp	pH 4 and pH 7 buffer solutions (x6 + x6)	Earthing anode
R0534900	R0839600	R0824400	R0673800

# ORP REGULATION SYSTEMS

## For automated chlorination

Zodiac ORP regulation systems incorporate proportional dosing technology to **maintain an ideal chlorine level automatically** for the comfort of bathers. It uses the "ORP" method (also called Redox), otherwise known as measuring the "disinfectant capacity of the water".

### > SAFE, AUTO-ADAPTIVE OPERATION

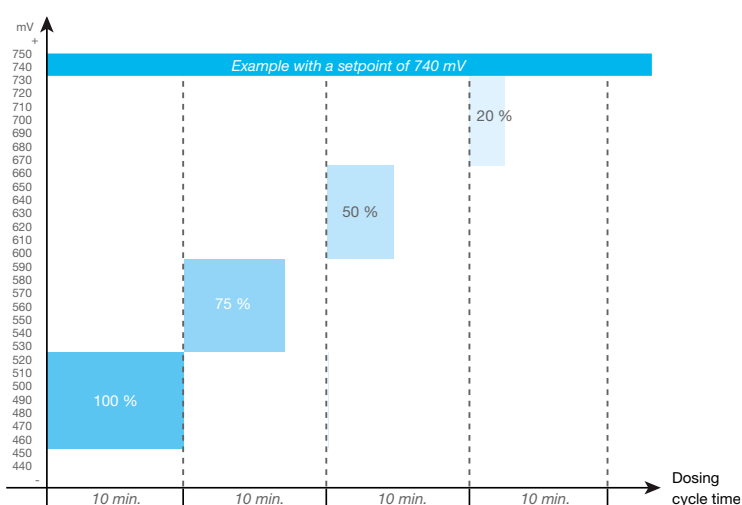
Depending on the ORP value measured by the sensor, Zodiac® ORP regulation systems will automatically adjust the chlorine level using a peristaltic dosing pump.

The dosing time depends on **the difference between the ORP value of the swimming pool water and the optimum value (set point value)**. The quantities of liquid chlorine injected are automatically adjusted to meet the demand for disinfection.

Zodiac® ORP regulation systems are equipped with **an exclusive overdosing safety device (called 'OFA') to prevent excessive injection**.

The safety device is adjustable and operates in 3 steps to determine whether or not it is necessary to inject liquid chlorine.

### EXCLUSIVE AUTO-ADAPTIVE DOSING



### > FOR GREATER COMFORT

- For the comfort of bathers, the ORP level of the water must be between 600 mV and 750 mV; this is equivalent to about 1.0 mg/L free chlorine at pH 7.4 (variable depending on the stabiliser concentration).
- To maintain optimum water quality, the pH regulation system (pH Expert) is the essential partner to the ORP regulation system. **In this case the 'PODkit'** will be the ideal option for a simple installation and accurate measurement.



### DID YOU KNOW?

ORP (and by extrapolation, the chlorine level) can vary depending on several parameters.

#### For optimum treatment, 5 values must be met:

- pH = 7.0 to 7.6
- TAC (alkalinity) = 8 to 15 °f (or 80 to 150 ppm CaCO<sub>3</sub>)
- Cyanuric acid (stabilizer) < 30 ppm
- Water temperature = 20°C to 28°C
- Borehole water and rainwater prohibited

It is essential to check and adjust these parameters, as necessary, to ensure optimum operation of the ORP regulation system.








# AUTOMATICAL REGULATORS

## Chlor Expert



- + Automatic chlorine regulation
- + Accurate dosing
- + Anti-overdose protection

### ACCESSORIES INCLUDED IN THE PACK

				
ORP Sensor	Buffer solutions kit	Plumbing kit	Wall mounting kit	Suction Pipe

**2 YEAR**  
WARRANTY



### FOR WHICH POOL?

Model	Chlor Expert
Volume of treated water (temperate climate)	20 - 150 m <sup>3</sup>
Dosage	Liquid chlorine

### DESCRIPTION

Model	Chlor Expert
Standard Model	W500709
User interface	1-line, backlit LCD screen
Languages	6 (FR-EN-ES-DE-IT-NL)
Calibration	Semi-automatic, 1 step (Buffer solutions kit included)
Setpoints	Factory setting : ORP = 650 mV
Sensor position	Vertical
Safety	Configurable 'OFA' three-level over-feed alarm (settings from 0 to 6 h, default 4 h) Level sensor on intake pipe (equipped with anti-fumes cap)

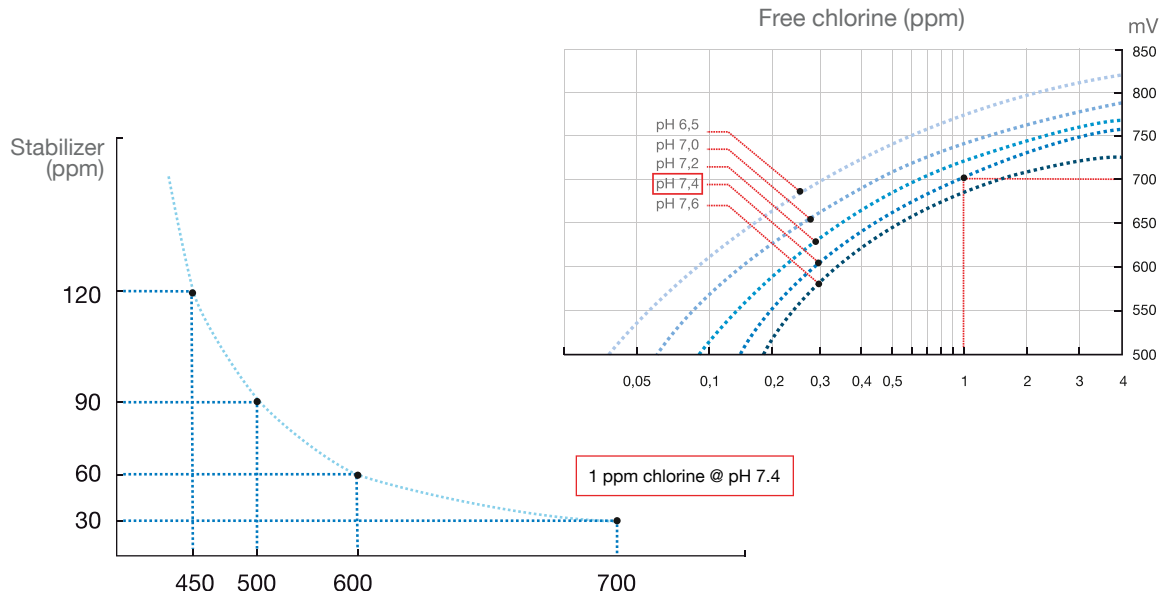
### TECHNICAL SPECIFICATIONS

Model	Chlor Expert
Sensor type pH or ORP	Combined sensor, simple-junction and simple-porous, Ø12 mm glass body
Reading scale	0 - 1000 mV
Reading accuracy	10 mV
Sensor Tolerances	0-60 °C, water speed ≤ 2 m/s
Maximum counter pressure (injection point)	1,5 bar
Peristaltic pH pump flow	1,5 L/h
Fixing collar**	For 50 mm pipes (standard) or 63 mm (accessory)
Protection index	IP65
Size (l x h x p)	19,5 x 23,6 x 8,5 cm
Power supply	220-240 VAC / 50-60 Hz

\* Excluding consumable parts that have 1 year warranty (ORP sensor, buffer solution, peristaltic tube, one-way valve)

\*\* not needed if the "POD Kit" option is used.

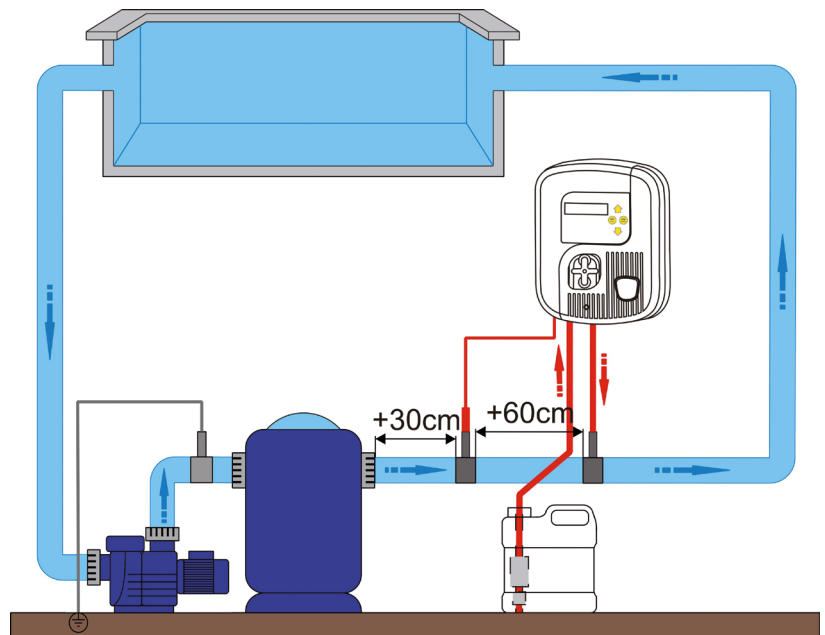
pH effect on ORP, and influence of CHLORINE STABILIZER:



## INSTALLATION

- The minimum pool volume required to use ORP treatment is 20 m<sup>3</sup>.
- The sensor must be placed more than 30 cm before or after any elbow fittings (otherwise, use the Pod Kit)
- The sensor must be installed vertically (maximum tolerance: 45°) Its cable (BNC type) is 5 m long.
- It is recommended to ground the pool water, so as to avoid parasitic currents.
- Chlorine stabiliser (cyanuric acid) concentration MUST BE LOWER THAN 30 ppm.

Chlor Expert installation diagram



## OPTIONAL ACCESSORIES

POD Kit	63mm saddle clamp	470 mV ORP buffer solutions (x6)	Earthing anode
R0534900	R0839600	R0824500	R0673800

# SALT WATER CHLORINATORS

## Automatic, easy and efficient disinfection

Simple to install and use, salt water chlorinators provide complete treatment with reduced maintenance.

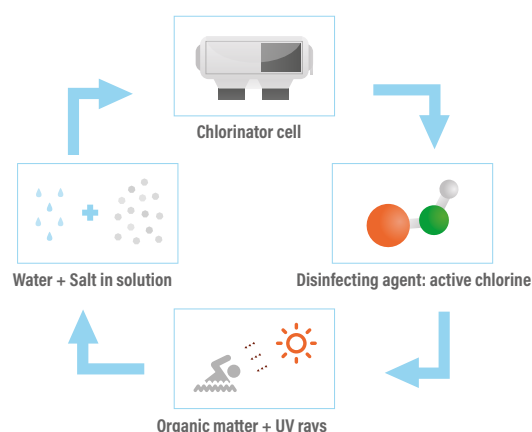
### > HOW DOES IT WORK?

**The principle of salt electrolysis is simple.** The swimming pool water is very slightly saline (from 2 to 4 g/L, meaning from 9 to 18 times less than sea water). By an electrolysis reaction across the cell of the system, chloride ions - from the salt dissolved in the water - are converted to chlorine gas, a powerful disinfectant that dissolves in the water instantaneously. **The resulting active chlorine (HOCl) destroys all the micro-organisms in the cell and provides an adequate level of free chlorine in the pool.** The active chlorine, which is removed by combining with organic matter and under the effect of UV rays in sunlight, is continuously renewed by the cell without action by the user.

For optimum efficiency of the chlorinator, **the pH of the swimming pool must be kept between 7.0 and 7.6.**

All Zodiac® chlorinators have cells with **high quality, long-lasting titanium electrodes**, ensuring peace of mind for the user.

### CYCLIC REACTION OF SALT ELECTROLYSIS



### REFERENCE POINT

Zodiac® control units and salt chlorinator cells will be repaired or exchanged during the guarantee period, whatever the causes of damage.

### SELECTION GUIDE

	Ei <sup>2</sup>	Ei <sup>2</sup> Expert	eXPERT	eXO® iQ	eXO® iQ LS
					
Volume of water treated in m <sup>3</sup> (temperate climate, filtration 8 h/day)	50 / 90 / 110	40 / 70 / 110	30 / 50 / 90 / 140 / 180	40 / 70 / 100 / 160	40 / 70
Chlorine production in g/h	12 - 20 - 25	10 - 18 - 25	7 - 12 - 21 - 30 - 40	10 - 18 - 22 - 35	10 - 18
Salinity in g/L (min... / required / ... max)	3,0... / 4,0 / ...10	3,0... / 4,0 / ...10	3,5... / 4,0 / ...10	3,3... / 4,0 / ...13	1,6... / 2,0 / ...10
Cell type	Quick Fix	Quick Fix	T shape	Inverted U	Inverted U
Working life of cell*	7 500 h	7 500 h	10 000 h	10 000 h	10 000 h
Polarity reversal	5 h	3 / 5 / 7 h	2 / 3 / 4 / 7 h	2 to 8 h	2 to 8 h
Unit protection rating	IPX5	IPX5	IP65	IP43	IP43
User interface	LEDs	2 lines, backlit LCD screen	Touch-screen & LCD	4 lines, backlit LCD screen	4 lines, backlit LCD screen
Number of interface languages	N/A	13	N/A	11	11
Boost mode / Low mode (=cover contact)	- / ✓	✓ / ✓	✓ / ✓	✓ / ✓	✓ / ✓
Timers	-	✓	-	✓	✓
User information	LEDs	Messages	Warning icons	Messages + LEDs	Messages + LEDs
Flow rate detection	Gas sensor	Mechanical flow switch	Mechanical flow switch	Mechanical flow switch	Mechanical flow switch
pH regulation	-	-	Yes (specific model)	Optional pH Link module	Optional pH Link module
pH & ORP regulation	-	-	Yes (specific model)	Optional Dual Link module	Optional Dual Link module
Connectivity / App control	-	-			
Unconditionnal warranty (Power pack & Cell)	2 years	2 years	2 years	3 years	3 years

\* Under good operating conditions.



- + Long lasting
- + Suitable for all installations
- + Easy to install

#### ACCESSORIES INCLUDED IN THE PACK

**2** YEAR  
WARRANTY

UNCONDITIONAL  
WARRANTY  
UNCONDITIONAL

PROFESSIONAL ADVICE  
RECOMMENDED

ALL TYPES OF  
SWIMMING POOLS

EASY  
INSTALLATION

**Ti<sup>22</sup>**  
TITANE  
INSIDE



Installation Kit

#### FOR WHICH POOL?

Model	Ei <sup>2</sup> 12	Ei <sup>2</sup> 20	Ei <sup>2</sup> 25
Volume of treated water (temperate climate, 8h/day filtration)	50 m <sup>3</sup>	90 m <sup>3</sup>	110 m <sup>3</sup>
Nominal Chlorine production	12 g/h	20 g/h	25 g/h
Nominal output Amps	2,5 A	4,0 A	5,0 A

#### DESCRIPTION

Model	Ei <sup>2</sup> 12	Ei <sup>2</sup> 20	Ei <sup>2</sup> 25
Standard Model	WW0000244	WW0000245	WW0000246
User interface	Leds		
Operating modes	Normal; Low (Adjustable cover mode from 0 to 20 %)		
Timer	Controlled by filtration timer		
Polarity reversal	Yes : 5 h		
Required salt level - minimum	4 g/L - 3,0 g/L minimum		
Safety	Low salt' indicator light: Reduced production to protect the electrode 'No flow' indicator light: Production is interrupted as long as conditions are not ideal		
Cell position	Horizontal or vertical		
Plumbing compatibility	DN50 mm, DN63 mm, 1 ½" (48 mm)		



## TECHNICAL SPECIFICATIONS

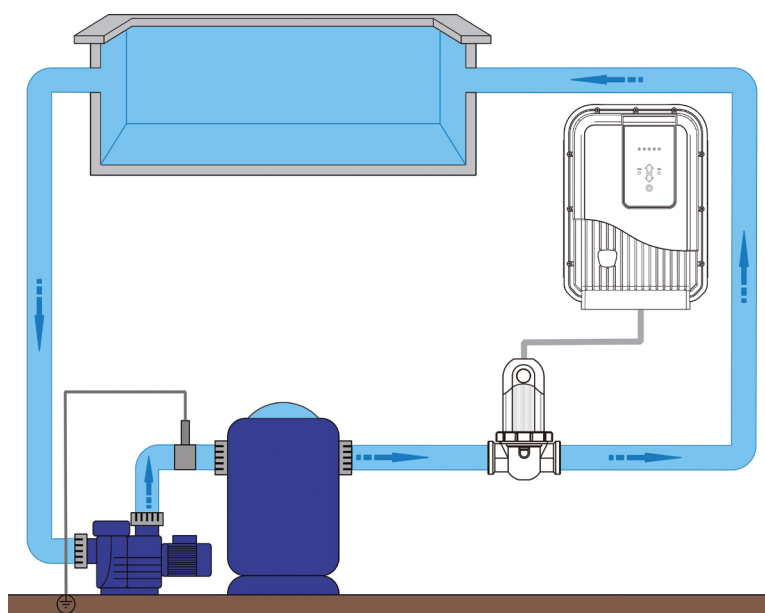
Model	Ei <sup>2</sup> 12	Ei <sup>2</sup> 20	Ei <sup>2</sup> 25
Power supply	220-240 VAC / 50 Hz (mains power cable with moulded plug)		
Working life of cells*	7 500 h (titanium plates, SC6 ruthenium coating)		
Electric power	70 W	110 W	140 W
Minimum flow rate (needed to purge air from the cell)	5 m <sup>3</sup> / h		
Maximum flow rate (limited by pressure drops in the pipe)	18 m <sup>3</sup> /h (Bypass mandatory over this level)		
Maximum authorised cell pressure	2,75 bar (KPa)		
Maximum water temperature	40 °C		
Minimum water temperature	5 °C		
Length of the cell cable	1,8 m		
Protection index	IPX5		
Cell size (L x w x h)	16,5 x 22,5 x 12,5 cm		
Control box size (L x w x h)	28,5 x 40,5 x 12,5 cm		

\* Under good operating conditions.

## INSTALLATION

- With an IPX5 rating, the casing can be installed anywhere, including in the pool area (see IEC 60529 standard).
- The distance between the control unit and the cell is 1.5 m.
- The control unit **MUST** be linked to the filtration unit. Power supply is cut off when the filter pump is turned off.

Ei<sup>2</sup> installation diagram:



## OPTIONAL ACCESSORIES

Locking ring wrench	Winterizing cap
R0769900	R0770100

# Ei<sup>2</sup> Expert



- + Extreme durability
- + Suitable for all installations
- + Controlled chlorine production
- + Cover mode reducing automatically the chlorine output

## ACCESSORIES INCLUDED IN THE PACK



Installation Kit



Flow switch installation kit

**2** YEAR  
WARRANTY

UNCONDITIONAL  
WARRANTY  
UNCONDITIONAL

PROFESSIONAL ADVICE  
RECOMMENDED


ALL TYPES OF  
SWIMMING POOLS


EASY  
INSTALLATION

**Ti<sup>22</sup>**  
TITANE  
INSIDE


## FOR WHICH POOL?

Model	Ei <sup>2</sup> Expert 10	Ei <sup>2</sup> Expert 18	Ei <sup>2</sup> Expert 25
Volume of treated water (temperate climate, 8h/day filtration)	40 m <sup>3</sup>	70 m <sup>3</sup>	110 m <sup>3</sup>
Nominal Chlorine production	10 g/h	18 g/h	25 g/h
Nominal output Amps	2,0 A	3,6 A	5,0 A

## DESCRIPTION

Model	Ei <sup>2</sup> Expert 10	Ei <sup>2</sup> Expert 18	Ei <sup>2</sup> Expert 25
Standard Model	WW000061	WW000062	WW000063
User interface	2-line, backlit LCD screen		
Languages	13 (FR-EN-DE-ES-IT-NL-PT-AF-CZ-SL-HU-SW-TR)		
Operating modes	Summer, Winter, Boost (100%), Low (cover mode 10%)		
Timer	24h clock / 2 timers		
Polarity reversal	Yes : 3, 5 or 7 h (Factory setting= 5h)		
Required salt level - minimum	4 g/L - 3,0 g/L minimum		
Safety	Low salt' indicator light: Reduced production to protect the electrode 'No flow' indicator light: Production is interrupted as long as conditions are not ideal		Low salt' indicator light: Reduced production to protect the electrode 'No flow' indicator light: Production is interrupted as long as conditions are not ideal Mechanical flow switch
Cell position	Horizontal or vertical		
Plumbing compatibility	DN50 mm, DN63 mm, 1 ½" (48 mm)		

## TECHNICAL SPECIFICATIONS

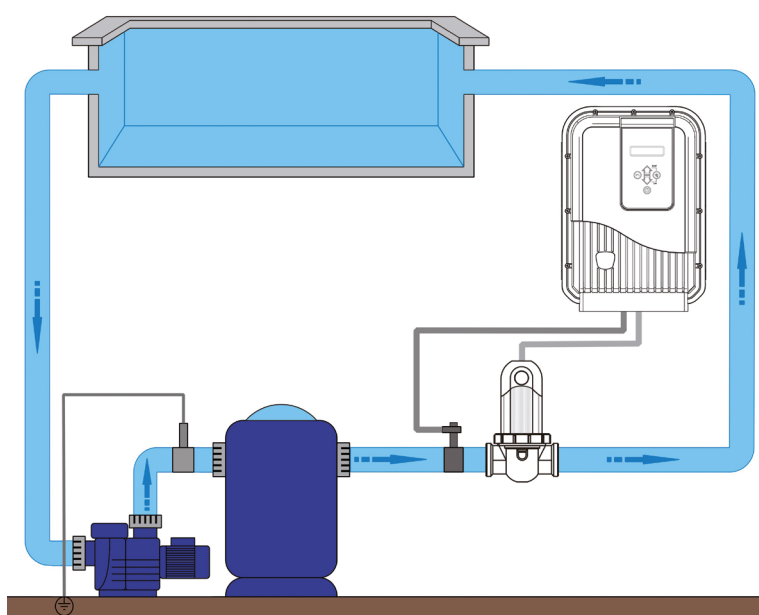
Model	Ei <sup>2</sup> Expert 10	Ei <sup>2</sup> Expert 18	Ei <sup>2</sup> Expert 25
Power supply	220-240 VAC / 50 Hz (mains power cable with moulded plug)		
Working life of cells*	7 500 h (titanium plates, SC6 ruthenium coating)		
Electric power	60 W	100 W	140 W
Minimum flow rate (needed to purge air from the cell)	5 m <sup>3</sup> / h		
Maximum flow rate (limited by pressure drops in the pipe)	18 m <sup>3</sup> /h (Bypass mandatory over this level)		
Maximum authorised cell pressure	2,75 bar (KPa)		
Maximum water temperature	40 °C		
Minimum water temperature	5 °C		
Length of the cell cable	1,8 m		
Protection index	IPX5		
Cell size (L x w x h)	16,5 x 22,5 x 12,5 cm		
Control box size (L x w x h)	28,5 x 40,5 x 12,5 cm		

\* Under good operating conditions.

## INSTALLATION

- With an IPX5 rating, the casing can be installed anywhere, including in the pool area (see IEC 60529 standard).
- The distance between the control unit and the cell is 1.5 m.
- The control unit should be permanently connected to an electrical source (by using internal timers).

Ei<sup>2</sup> Expert installation diagram:



## OPTIONAL ACCESSORIES

Locking ring wrench	Winterizing cap
R0769900	R0770100

# eXPERT

## Versatile salt water treatment

**2** YEAR  
WARRANTY

UNCONDITIONAL  
WARRANTY  
UNCONDITIONAL

### EASE OF USE

With a large touchscreen and oversized fonts, eXPERT makes it easy to set up and adjust. Check your pool's status at-a-glance with the user-friendly information display.

### MAXIMUM VERSATILITY

Available in a wide range of options to treat pool volumes up to 180 m<sup>3</sup>, eXPERT guarantees long-lasting water treatment thanks to its sturdy cell.

### AUTONOMOUS WATER QUALITY

eXPERT provides full water treatment features with water balance management (pH regulation) and automatic regulation of chlorination (ORP regulation)\*.

\* Depending on the model.



### NN COMPTABILITY

eXPERT can be remotely controlled using the NN app if it is wired to a Fluidra Connect & Go pool automation system.

## > A UNIQUE INTERFACE TO ADAPT TO EACH NEED

BOOST MODE  
LOW MODE (COVER)

WATERTIGHT  
POWER PACK

CHLORINE OUTPUT  
FROM 7 UP TO 40 g/h

LARGE TOUCH PANEL  
WITH OVERSIZE FONTS

NN THING  
CONNECTABLE PRODUCT  
FOR REMOTE CONTROL

AVAILABLE WITH pH  
OR pH/ORP REGULATION(S),  
USING HIGH QUALITY GLASS  
SENSORS



## > 1 RANGE, 3 SOLUTIONS



### 1. Salt water chlorinator

Autonomous  
pool disinfection



### 2. Salt Water chlorinator + pH regulation


In addition to the autonomous disinfection, this model automatically manages water balance. It injects pH corrective product if needed



### 3. Salt water chlorinator + pH & ORP regulations

In addition to pH management, this model automatically manages the chlorination thanks to its ORP regulation for a complete water treatment.

## SELECTION GUIDE

	eXPert 7	eXPert 12	eXPert 21	eXPert 30	eXPert 40
Chlorine output (g/h)	7	12	21	30	40
Maximum treated pool volume (temperate climate with water up to 28°C, disinfection capacity linked to the daily filtration time, here for 8 h/day) (m³)	30 m³	50 m³	90 m³	140 m³	180 m³
Recommended salinity (& min-max threshold)	4 g/L (4 - 10 g/L)				
Salinity reading	Yes				
Water temperature reading	Yes				
Boost mode	24 hours shock chlorination				
Low (cover) mode	Reduced chlorination when pool cover is closed (adjustable)				
Flow safety	Mechanical flow switch				
pH regulation and dosing	Yes, specific "pH" models				
ORP regulation	Yes, specific "pH/ORP" models				
Connectivity / App control	 Yes, NN Thing (compatible with Fluidra Connect and NN app) Can be managed remotely when wired to a connecting device				
Warranty, power pack & cell	2 years, unconditional				
Warranty, sensors	2 years (pH sensor) / 1 year (ORP gold sensor)				




## SALT WATER CHLORINATORS

## eXPERT



- + Ease of use
- + Maximum versatility
- + Autonomous water quality

## ACCESSORIES INCLUDED IN THE PACK

				
Installation Kit	Flow switch installation kit	pH and pH/ORP versions: pH pump kit	pH version: pH sensor kit with buffer solutions	pH/ORP version: pH & ORP sensors kit with buffer solutions

2 YEAR  
WARRANTYUNCONDITIONAL  
WARRANTY  
UNCONDITIONALPROFESSIONAL ADVICE  
RECOMMENDEDALL TYPES OF  
SWIMMING POOLSTi<sup>22</sup>  
TITANE  
INSIDEWATER TEMP  
SENSORCOVER  
MODECOMPATIBLE  
Nn  
thing

## FOR WHICH POOL?

Model	eXPERT 7	eXPERT 12	eXPERT 21	eXPERT 30	eXPERT 40
Volume of treated water (temperate climate, 8h/day filtration)	30 m <sup>3</sup>	50 m <sup>3</sup>	100 m <sup>3</sup>	140 m <sup>3</sup>	180 m <sup>3</sup>
Nominal Chlorine production	7 g/h	12 g/h	21 g/h	30 g/h	40 g/h
Nominal output Amps	0,2 A	0,4 A		0,8 A	0,9 A

## DESCRIPTION

Model	eXPERT 7	eXPERT 12	eXPERT 21	eXPERT 30	eXPERT 40
Standard Model	74183	74184	74185	74186	74187
pH model	74188	74189	74190	74191	74192
pH/ORP model	74193	74194	74195	74196	74197
User interface	Touch-screen and LCD				
Calibration	Semi-automatic at 2 points pH 4 and pH 7 & ORP 470 mV (buffer solutions included)				
Setpoints	Factory setting: pH = 7,2 / ORP = 700 mV				
Sensor position	Vertical, on the sensor-holder (provided)				
Operating modes	Normal, Boost ( 100% during 24h ) & Low (adjustable cover mode from 10 to 90 %)				
Timer	Controlled by filtration timer				
Polarity reversal	Yes : 2, 3, 4 or 7 h (default 2 h)				
Required salt level - minimum	5 g/L - 4 g/L minimum		4 g/L - 3.5 g/L minimum		
Safety	"Flow" indicator light: lack of flow, production is interrupted as long as conditions are not ideal "g/L": Salt level too high or too low "High" & "Low" indicators for pH & ORP values				
Cell position	Horizontal or vertical				
Plumbing compatibility	DN50 mm, DN63 mm				

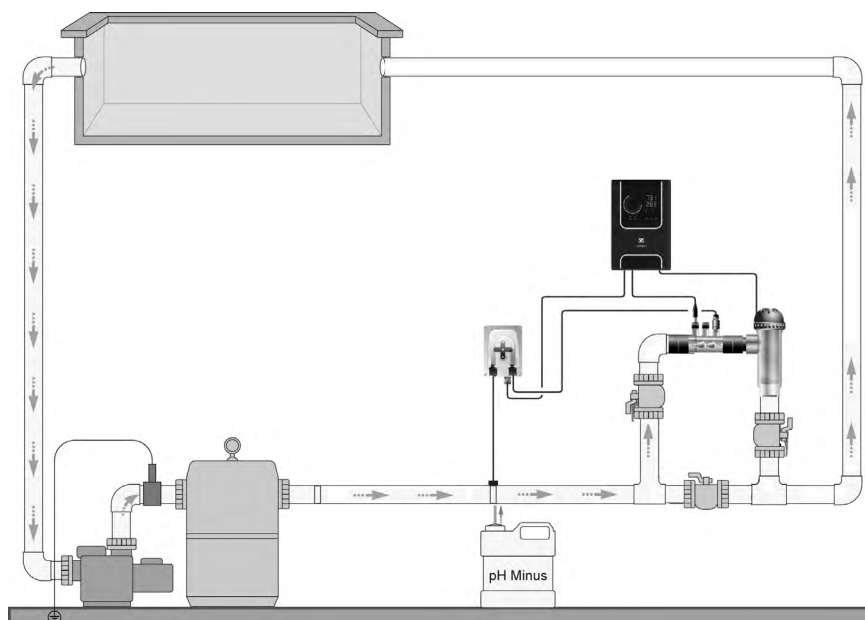
## TECHNICAL SPECIFICATIONS

Model	eXPERT 7	eXPERT 12	eXPERT 21	eXPERT 30	eXPERT 40
Sensor type pH or ORP	Combined sensor, simple-junction and simple-porous, Ø12 mm glass body				
Reading scale	0.0 - 9.9 pH 0 - 999 mV				
Reading accuracy	0.1 pH 1 mV				
Sensor Tolerances	0-60 °C, water speed ≤ 2 m/s				
Maximum counter pressure (injection point)	1,5 bar				
Peristaltic pH pump flow	1,5 L/h				
Power supply	230 VAC / 50-60 Hz				
Working life of cells*	10 000 h (titanium plates, SC6 ruthenium coating)				
Electric power	46 W	92 W		184 W	207 W
Minimum flow rate (needed to purge air from the cell)	3 m³ / h		5 m³ / h	6 m³ / h	8 m³ / h
Maximum authorised cell pressure	1 bar (kg/cm²)				
Maximum water temperature	40°C				
Minimum water temperature	10°C				
Length of the cell cable	1,5 m				
Protection index	IP65				
Cell size (L x w x h)	33 x 16 x 17 cm				
Control box size (L x w x h)	23 x 34 x 12 cm				

\* Under good operating conditions.

## INSTALLATION

- With an IP65 rating, the casing can be installed anywhere, including in the pool area (see IEC 60529 standard).
- The distance between the control unit and the cell is 1.5 m.
- The control unit should be controlled by the filter pump time-clock.



## eXO® iQ & eXO® iQ LS

### WATER CONTROL WITH A DOSE OF SERENITY

The eXO® salt water chlorinator solutions

The eXO® platform is an efficient and automatic disinfection solution. Easy to use, it offers complete water treatment, controlling the pool's equipment for optimal water quality.



eXO® iQ



eXO® iQ LS



#### All-in-one control

All pool water quality management functions are centralised in a single interface:

- automatic pH and chlorination regulation (Redox method) with the complementary pH Link & Dual Link modules
- pool device control: filter pump, heater, lighting, etc.



#### Peace of mind

With its long-lasting electrode and high-quality sensors, the eXO® solution offers optimal water quality all the time. As proof of reliability, the chlorinator comes with a 3-year unconditional warranty<sup>(1)</sup>.



#### Built-in Wi-Fi

The iAquaLink™ app allows you to have remotely and real-time control of your water quality and your pool's equipment<sup>(2)</sup> from your smartphone or tablet.

<sup>(1)</sup> 3 years unconditional (device), 2 years (pH sensor), 1 year (ORP sensor)

<sup>(2)</sup> Connected to the eXO® solution.

## Hydroxinator® iQ

### INCOMPARABLY GENTLE, PURE AND CRYSTAL CLEAR WATER

Exclusive magnesium-based chlorinator solution

This solution combines the properties of MagnaPool® magnesium-based minerals with an exceptionally fine filtration system for a natural and incomparably crystal clear water.



Hydroxinator® iQ



#### Gentle water for skin and eyes

MagnaPool® naturally slows the development of chloramines, so you can enjoy gentle water without unpleasant smells or skin and eyes irritation.



#### A pure crystal clear swimming pool

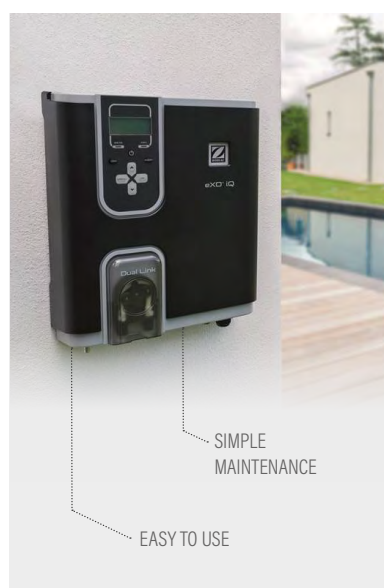
MagnaPool® provides exceptionally clear water without adding any sanitizing chemicals.




#### Environmentally- friendly water treatment

Crystal Clear filter media for MagnaPool® swimming pools consists of thousands of pure glass crystals. It is not receptive to bacteria and only requires a short filter backwash.

## > A UNIQUE INTERFACE FOR PERFECT CONTROL



## > TECHNICAL CHARACTERISTICS

	eXO® iQ	eXO® iQ LS	Hydroxinator® iQ
Maximum volume treated (temperate climate with water up to 28°C, disinfection capacity linked to the daily filtration time, here for 8hrs/day)	150 m <sup>3</sup>	70 m <sup>3</sup>	150 m <sup>3</sup>
Treatment type	Salt water chlorination	Salt water chlorination Low Salinity	MagnaPool® Magnesium mineral chlorination
Recommended concentration (measured in the water)	4 g/L	2 g/L	4 g/L
Optional pH regulation	pH Link "Plug & Play" module		
Optional pH and ORP regulation	Dual Link "Plug & Play" module		
Connectivity / App control	 Built-in Wi-Fi Dedicated Android & iOS smartphone app		
Boost mode	24h shock chlorination		
Cover mode	Reduced chlorination when the electric cover is closed Automatic or manual activation (0 to 30% adjustable chlorination output)		
Water temperature indicator	Yes, with cell protection function		
Equipment control	Up to 3 programmable equipment : • Filter pump: single or variable speed (Zodiac®) • Heater: Heat pump, heater... • Lighting: White or color (Zodiac®) • Any other device		
Security - Low water flow sensor	Mechanical flow switch		
Self-cleaning cell (polarity reversal)	Adjustable every 2 to 8 hours (allows to adapt the cell reversal to water hardness)		
Warranty - Device	3 years, unconditional		
Warranty - Sensors	2 years (pH sensor) / 1 year (ORP sensor)		



## eXO® iQ



- + All-in-one control: all water quality control is centralised in a single interface (pH, chlorination, filter pump, heater & light control...)
- + Peace of mind: long lasting electrodes, high-end sensors
- + Built-in Wi-Fi: Wi-Fi connexion to the iAquaLink™ app

### ACCESSORIES INCLUDED IN THE PACK

**3 YEAR**  
WARRANTY

UNCONDITIONAL  
WARRANTY  
UNCONDITIONAL

PROFESSIONAL ADVICE  
RECOMMENDED

ALL TYPES OF  
SWIMMING POOLS

UPGRADABLE  
SYSTEM

**Ti<sup>22</sup>**  
TITANE  
INSIDE

iAquaLink  
CONTROL

WATER TEMP  
SENSOR

COVER  
MODE



Wall mounting kit



Flow switch kit



Temperature  
sensor kit



Reducing bushes kit



Free app

### FOR WHICH POOL?

Model	eXO® iQ 10	eXO® iQ 18	eXO® iQ 22	eXO® iQ 35
Volume of treated water (temperate climate, 8h/day filtration)	40 m <sup>3</sup>	70 m <sup>3</sup>	100 m <sup>3</sup>	160 m <sup>3</sup>
Nominal Chlorine production	10 g/h	18 g/h	22 g/h	35 g/h
Nominal output Amps	2,8 A	3,6 A	5,0 A	7,2 A

### DESCRIPTION

Model	eXO® iQ 10	eXO® iQ 18	eXO® iQ 22	eXO® iQ 35
Standard Model	WW000162	WW000163	WW000164	WW000165
User interface	4-line, backlit LCD screen			
Languages	11 (FR-EN-DE-ES-IT-NL-PT-CZ-SL-HU-SW)			
Operating modes	Normal, Boost (100 %); Low (Adjustable cover mode from 0 to 30 %)			
Equipement control	Filter pump (single or Zodiac® variable speed) 2 auxiliaries outputs for: heater control (temp setpoint and heating priority), light control (with dedicated Zodiac® NL LED color selection) any other device			
Timer	24 h clock / 2 chlorination timers 2 single speed or 4 Zodiac variable speed filter pump timers 1 timer per additional equipment			
Polarity reversal	Yes: adjustable from 2 to 8h (Factory setting= 5h)			
Required salt level - minimum	4 g/L - 3,3 g/L minimum			
Safety	Temperature sensor: Chlorine production lowered in case of cold water to protect the electrode 'Low salt' indicator light: Reduced production to protect the electrode 'No flow' message: Production is interrupted as long as conditions are not ideal Mechanical flow switch			
Cell position	Horizontal			
Plumbing compatibility	DN50 mm, DN63 mm, 1 ½" (48 mm)			

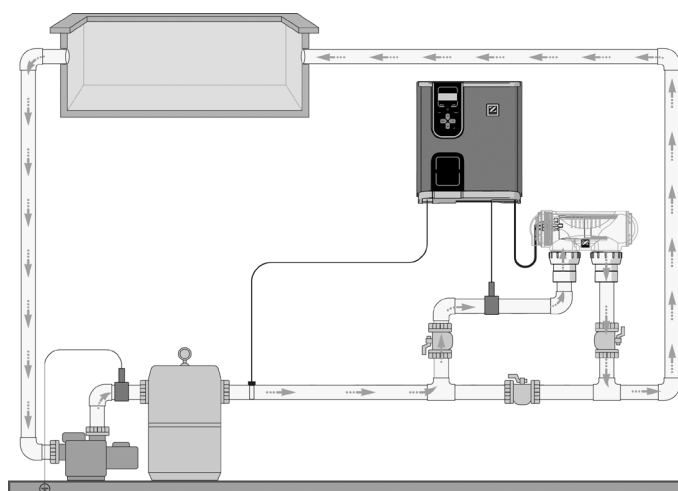
## TECHNICAL SPECIFICATIONS

Model	eXO® iQ 10	eXO® iQ 18	eXO® iQ 22	eXO® iQ 35
Power supply	220-240 VAC / 50-60 Hz			
Working life of cells*	10 000 h (titanium plates, SC6 ruthenium coating)			
Electric power	Max 200 W			
Minimum flow rate (needed to purge air from the cell)	5 m <sup>3</sup> / h			
Maximum flow rate (limited by pressure drops in the pipe)	18 m <sup>3</sup> /h (Bypass mandatory over this level)			
Maximum authorised cell pressure	2,75 bar (KPa)			
Maximum water temperature	40 °C			
Minimum water temperature	5 °C			
Length of the cell cable	1,8 m			
Protection index	IP43			
Cell size (L x w x h)	32,0 x 13,5 x 11,0 cm			
Control box size (L x w x h)	32,0 x 37,0 x 12 cm			

\* Under good operating conditions.

## INSTALLATION

- The control unit is installed in the plant room or beneath a shelter.
- The distance between the control unit and the cell is 1.5 m (the cell cable is 1.8 m long)
- The control unit should be permanently connected to an electrical source (by using internal timers)



## OPTIONAL ACCESSORIES

pH Link Module	Dual Link Module
WW000176	WW000177

# eXO® iQ LS



- + Low salinity chlorinator
- + All-in-one control: all water quality control is centralised in a single interface (pH, chlorination, filter pump, heater & light control...)
- + Built-in Wi-Fi: Wi-Fi connexion to the iAquaLink™ app

## ACCESSORIES INCLUDED IN THE PACK

**3 YEAR**  
WARRANTY

UNCONDITIONAL  
WARRANTY  
UNCONDITIONAL

PROFESSIONAL ADVICE  
RECOMMENDED

LOW SALT

**Ti<sup>22</sup>**  
TITANE  
INSIDE

UPGRADABLE  
SYSTEM

iAquaLink  
CONTROL

WATER TEMP  
SENSOR

COVER  
MODE



Wall mounting kit



Flow switch kit



Temperature  
sensor kit



Reducing bushes kit



Free app

## FOR WHICH POOL?

Model	eXO® iQ LS 10	eXO® iQ LS 18
Volume of treated water (temperate climate, 8h/day filtration)	40 m <sup>3</sup>	70 m <sup>3</sup>
Nominal Chlorine production	10 g/h	18 g/h
Nominal output Amps	2,8 A	3,6 A

## DESCRIPTION

Model	eXO® iQ LS 10	eXO® iQ LS 18
Standard Model	WW000170	WW000171
User interface	4-line, backlit LCD screen	
Languages	11 (FR-EN-DE-ES-IT-NL-PT-CZ-SL-HU-SW)	
Operating modes	Normal, Boost (100 %); Low (Adjustable cover mode from 0 to 30 %)	
Equipement control	Filter pump (single or Zodiac® variable speed) 2 auxiliaries outputs for: heater control (temp setpoint and heating priority), light control (with dedicated Zodiac®NL LED color selection) any other device	
Timer	24 h clock / 2 chlorination timers 2 single speed or 4 Zodiac variable speed filter pump timers 1 timer per additional equipment	
Polarity reversal	Yes: adjustable from 2 to 8h (Factory setting= 5h)	
Required salt level - minimum	2 g/L - 1,6 g/L minimum	
Safety	Temperature sensor: Chlorine production lowered in case of cold water to protect the electrode 'Low salt' indicator light: Reduced production to protect the electrode 'No flow' message: Production is interrupted as long as conditions are not ideal Mechanical flow switch	
Cell position	Horizontal	
Plumbing compatibility	DN50 mm, DN63 mm, 1 ½" (48 mm)	

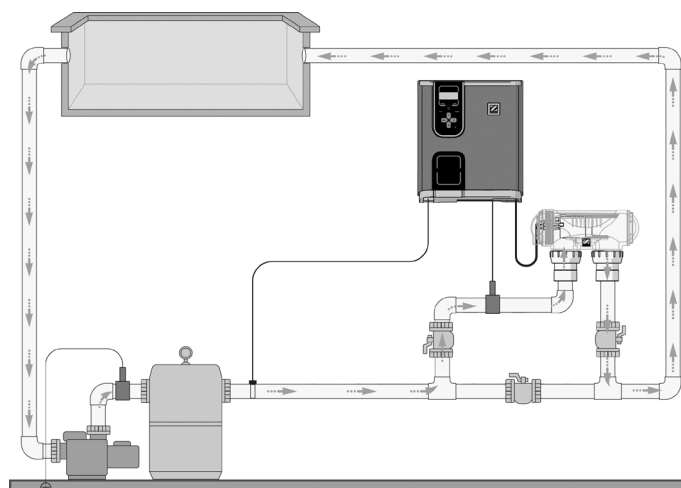
## TECHNICAL SPECIFICATIONS

Model	eXO® iQ LS 10	eXO® iQ LS 18
Power supply	220-240 VAC / 50-60 Hz	
Working life of cells*	10 000 h (titanium plates, SC6 ruthenium coating)	
Electric power	Max 200 W	
Minimum flow rate (needed to purge air from the cell)	5 m <sup>3</sup> / h	
Maximum flow rate (limited by pressure drops in the pipe)	18 m <sup>3</sup> /h (Bypass mandatory over this level)	
Maximum authorised cell pressure	2,75 bar (KPa)	
Maximum water temperature	40 °C	
Minimum water temperature	5 °C	
Length of the cell cable	1,8 m	
Protection index	IP43	
Cell size (L x w x h)	32,0 x 13,5 x 11,0 cm	
Control box size (L x w x h)	32,0 x 37,0 x 12 cm	

\* Under good operating conditions.

## INSTALLATION

- The control unit is installed in the plant room or beneath a shelter.
- The distance between the control unit and the cell is 1.5 m (the cell cable is 1.8 m long)
- The control unit should be permanently connected to an electrical source (by using internal timers)



## OPTIONAL ACCESSORIES

pH Link Module	Dual Link Module
WW000176	WW000177



# pH Link & Dual Link










**2** YEAR  
WARRANTY



- + Fully integrated disinfection and dosing system
- + Automatic regulation
- + Accurate & easy reading (high quality glass sensor in a POD)

## ACCESSORIES INCLUDED IN THE PACK

						
pH Sensor	ORP sensor	pH 4 and pH 7 buffer solutions x3	470 mV ORP buffer solutions x3	22 mm hole saw	Plumbing kit	POD Kit

## FOR WHICH POOL?

Model	pH Link	Dual Link
Volume of treated water (temperate climate)	160 m <sup>3</sup>	Depending on the chlorinator's output power
Dosage	Acid	Acid

## DESCRIPTION

Model	pH Link	Dual Link
Standard Model	WW000176	WW000177
User interface	Device's interface (4-line, backlit LCD screen)	
Calibration	Semi-automatic at 2 points pH 4 and pH 7 & ORP 470 mV (buffer solutions included)	
Setpoints	Factory setting: pH = 7,2 / ORP = 700 mV	
Sensor position	Vertical, on the POD (provided)	
Safety	Overdosing safety, low measures, unplugged sensor, broken sensor (pH Link)	

## TECHNICAL SPECIFICATIONS

Model	pH Link	Dual Link
Sensor type pH or ORP	Combined sensor, simple-junction and simple-porous, Ø12 mm glass body	
Reading scale	0,0 -12,0 pH	100 - 1000 mV
Reading accuracy	0,1 pH	10 mV
Sensor Tolerances	0-60 °C, water speed ≤ 2 m/s	
Maximum counter pressure (injection point)	1,5 bar	
Peristaltic pH pump flow	1,2 L/h	
Cell size (L x w x h)	30,5 x 18,1 x 11,5 cm	

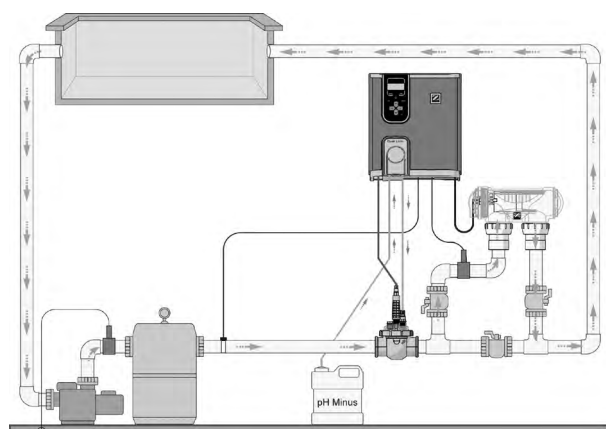
\* Excluding consumable parts that have 1 year warranty (ORP sensor, buffer solution, peristaltic tube, one-way valve)

## INSTALLATION

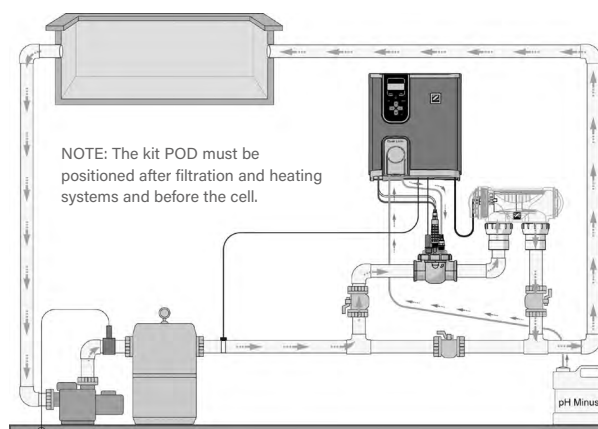
- Connect the unit directly to the chlorinator's control unit.
- The distance between the module and the sensor cell is 1,5m (3 m extension cable is optional).
- The POD MUST be installed so that the sensor(s) is/are vertical, to ensure accurate measurement.

pH Link & Dual Link Modules installation diagram:

Kit POD on line:



POD Kit in by-pass:



## OPTIONAL ACCESSORIES

Intake pipe	pH 4 and pH 7 buffer solutions (x6 + x6)	470 mV ORP buffer solutions (x6)	Winterizing cap	3m BNC cable extension	Earthing anode
R0808000	R0824400	R0824500	R0770100	R0635800	R0673800

# PATENTED MAGNESIUM WATER TREATMENT

For incomparably gentle, crystal clear water

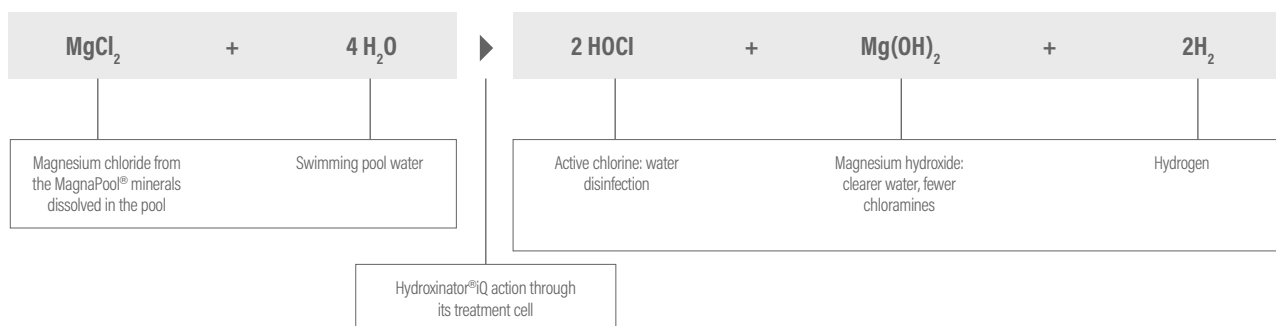
The patented MagnaPool® solution combines the clarifying properties of magnesium with a filtration system of exceptional quality, for a perfectly healthy and balanced, mineral-enriched swimming pool.

## > HOW DOES IT WORK?

The MagnaPool® solution combines natural minerals, magnesium and potassium (diluted in the pool), to purify the water while providing an incomparable bathing experience.

This water treatment solution naturally converts magnesium minerals to magnesium hydroxide, a gentle and silky substance that acts as a clarifier in order to retain all the impurities, even the finest, in the water. Without impurities, bacteria no longer grow and are removed from the pool.

The MagnaPool® Hydroxinator® iQ then generates non-synthetic (or inorganic) chlorine: **this phenomenon is hydroxination**. The resulting chlorine, without addition of chemical products, protects the integrity and quality of the water, without harming the environment in which it is used.



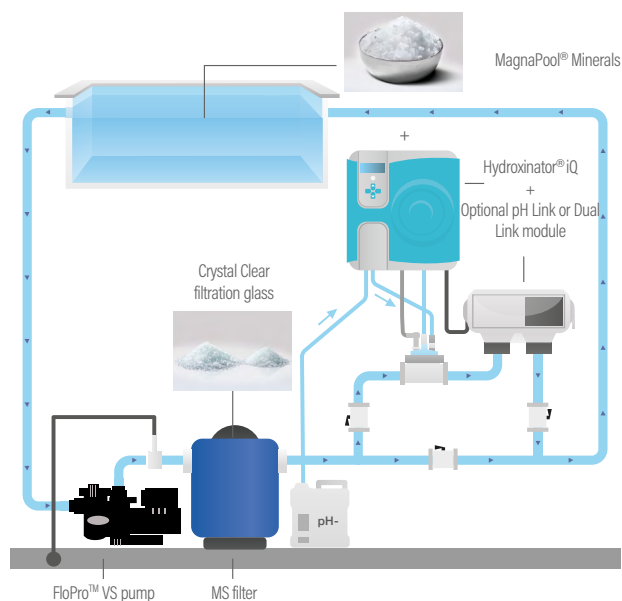
## DID YOU KNOW?

MagnaPool® minerals do not contain any sodium chloride («salt» or NaCl). The MagnaPool® minerals do not produce soda, a very basic element that affects negatively the water balance.

## STANDARD INSTALLATION

The patented MagnaPool® solution comprises a Hydroxinator® iQ with its treatment cell, Crystal Clear glass filter medium and MagnaPool® minerals. Each of these elements is needed for the MagnaPool® solution to function; they cannot be sold separately.

To obtain a complete MagnaPool® eco-system, the assembly can be combined with Zodiac MS filter and variable speed pump.



## REFERENCE POINT

The MagnaPool® solution comprises the Hydroxinator® iQ, MagnaPool® minerals and the Crystal Clear filtration crystals. Zodiac® equipment is compatible with and/or additional to the MagnaPool® system. Identify all the products in the MagnaPool® ecosystem using this pictogram.

## > THE BENEFITS OF THE MAGNAPOOL® SOLUTION



### A PURE, CRYSTAL CLEAR SWIMMING POOL

MagnaPool® provides exceptionally clear water without adding chemical disinfection products. This intense clarity is made possible by combining two innovative factors. Firstly, the powerful natural clarifying properties of magnesium in MagnaPool® minerals. And secondly, exceptionally fine filtration using Crystal Clear filtration media.

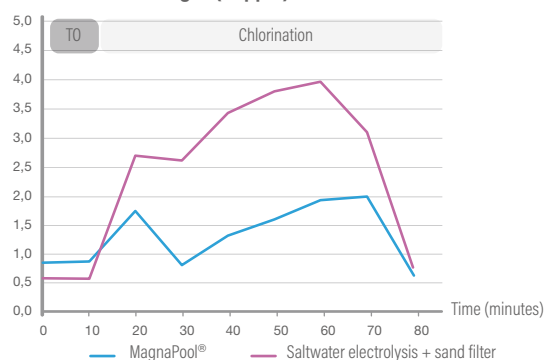


**Mg<sup>12</sup><sub>24</sub>**  
Mineral Pool  
Science

### GENTLE WATER FOR SKIN AND EYES

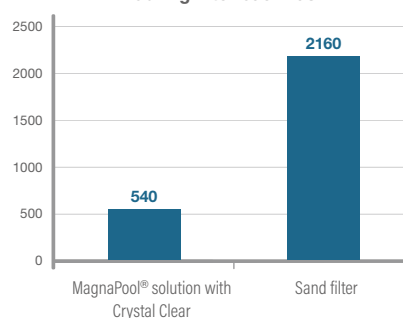
Compared with conventional water treatment systems (manual chlorine addition or salt electrolysis + sand filter), MagnaPool® naturally slows the development of chloramines, molecules that can cause an unpleasant chlorine smell and eye or skin irritation.

Total chlorine in mg/L (or ppm)



Zodiac laboratory measurement of chloramines (or combined chlorine) after adding organic matter to two pools at the same time, one treated with salt electrolysis + sand filter and the other with MagnaPool®.

Water consumption (in L) during filter backwash



Value for a pool equipped with a 640 mm filter and a 1.0 HP (or 0.75 kW) pump.



### ENVIRONMENTALLY-FRIENDLY WATER TREATMENT

Crystal Clear filter media for MagnaPool® swimming pools consist of thousands of pure glass crystals. Unlike sand, it is not receptive to bacteria and only requires a short filter backwash. Thus, water consumption is reduced by up to 75%.

### DID YOU KNOW?

Magnesium takes part in more than 300 enzymatic reactions and cell growth in the human body, such as nerve transmission, skin renewal and cell relaxation.

The chlorophyll molecule, basic plant component, is formed around a magnesium atom.



# Hydroxinator® iQ



- + Unrivalled swimming comfort
- + Crystal-clear water: clarifying effect of magnesium and glass media
- + Eco-friendly: use less water and energy, fewer chemical additives
- + Upgradable: optional pH / ORP regulations (pH Link or Dual Link modules)

**3 YEAR**  
WARRANTY

UNCONDITIONAL  
WARRANTY  
UNCONDITIONAL

PROFESSIONAL ADVICE  
RECOMMENDED

  
ALL TYPES OF  
SWIMMING POOLS

  
UPGRADABLE  
SYSTEM







**Ti<sup>22</sup>**  
TITANE  
INSIDE



  
WATER TEMP  
SENSOR

  
COVER  
MODE

## ACCESSORIES INCLUDED IN THE PACK

				
Wall mounting kit	Flow switch kit	Temperature sensor kit	Reducing bush kit	Free app control

## FOR WHICH POOL?

Model	Hydroxinator® iQ 10	Hydroxinator® iQ 18	Hydroxinator® iQ 22	Hydroxinator® iQ 35
Volume of treated water (temperate climate, 8h/day filtration)	40 m <sup>3</sup>	70 m <sup>3</sup>	100 m <sup>3</sup>	160 m <sup>3</sup>
Nominal Chlorine production	10 g/h	18 g/h	22 g/h	35 g/h
Nominal output Amps	2,8 A	3,6 A	5,0 A	7,2 A

## DESCRIPTION

Model	Hydroxinator® iQ 10	Hydroxinator® iQ 18	Hydroxinator® iQ 22	Hydroxinator® iQ 35
Standard Model	WW000172	WW000173	WW000174	WW000175
User interface	4-line, backlit LCD screen			
Languages	11 (FR-EN-DE-ES-IT-NL-PT-CZ-SL-HU-SW)			
Operating modes	normal, Boost (100 %); Low (Adjustable cover mode from 0 to 30 %)			
pH Regulation	Yes, option (pH Link)			
ORP Regulation	Yes, option (Dual Link)			
Equipement control	Filter pump (single or Zodiac® variable speed) 2 auxiliaries outputs for: heater control (temp setpoint and heating priority), light control (with dedicated Zodiac® NL LED color selection) any other device			
Timer	24 h clock / 2 chlorination timers 2 single speed or 4 Zodiac variable speed filter pump timers 1 timer per additional equipment			
Polarity reversal	Yes: adjustable from 2 to 8h (Factory setting= 5h)			
Recommended minerals rate - minimum*	4 g/L - 3,3 g/L minimum			
Safety	Temperature sensor: Chlorine production lowered in case of cold water to protect the electrode 'Low salt' indicator light: Reduced production to protect the electrode 'No flow' message: Production is interrupted as long as conditions are not ideal Mechanical flow switch			
Cell position	Horizontal			
Plumbing compatibility	DN50 mm, DN63 mm, 1 1/2" (48 mm)			

\* Mineral levels are measured using the usual salinity testers. Add 5 x 10kg bags per 10 m<sup>3</sup> to measure a concentration of 4 g/L (4000 ppm).

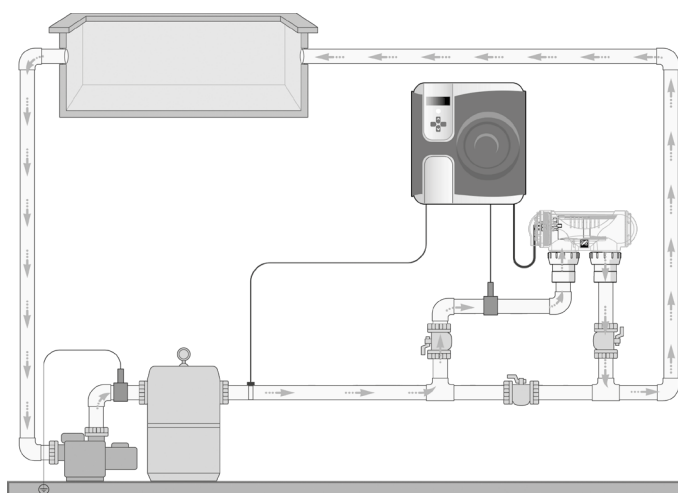
## TECHNICAL SPECIFICATIONS

Model	Hydroxinator® iQ 10	Hydroxinator® iQ 18	Hydroxinator® iQ 22	Hydroxinator® iQ 35
Working life of cells*	10 000h (titanium plates, specific SC6 ruthenium coating)			
Electric power	Max 200 W			
Minimum flow rate (needed to purge air from the cell)	5 m <sup>3</sup> / h			
Maximum flow rate (limited by pressure drops in the pipe)	18 m <sup>3</sup> /h (Bypass mandatory over this level)			
Maximum authorised cell pressure	2,75 bar (KPa)			
Maximum water temperature	40 °C			
Minimum water temperature	5 °C			
Length of the cell cable	1,8 m			
Protection index	IP43			
Cell size (L x w x h)	32,0 x 13,5 x 11,0 cm			
Control box size (L x w x h)	32,0 x 37,0 x 12,0 cm			
Power Supply	220-240 VAC / 50-60 Hz			

## INSTALLATION

- The control unit is installed in the plant room or beneath a shelter.
- The distance between the control unit and the cell is 1.5 m (the cell cable is 1.8 m long)
- The control unit should be permanently connected to an electrical source (by using internal timers)

Hydroxinator® iQ installation diagrams



## ASSOCIATED PRODUCTS

## ASSOCIATED MINERALS

pH Link Module	Dual Link Module	MagnaPool® Minerals	Crystal Clear 0.7/1.3 mm	Crystal Clear 1,0/3,0 mm
WW000176	WW000177	WC000163	WF000063	WF000064

MAGNAPOOL®

# MagnaPool® Minerals



- + Exclusive: patented MagnaPool® minerals specifically for MagnaPool® pools
- + Crystal-clear water, less chloramines
- + Eco-friendly: salt-free formulation (no sodium chloride)
- + Easy: easy handling with 10 kg packaging



## PRODUCT REFERENCES

Model	MagnaPool® Minerals
Standard Model	WC000163

## DESCRIPTION

Model	MagnaPool® Minerals
Contents	Patented MagnaPool® minerals
Formulation	Magnesium chloride and potassium chloride
Form	Tablet/powder mixture
Dosage*	5 kg/m <sup>3</sup>
Bag dimensions (l x h)	40 x 50 cm
Bag net weight	10 kg
Palletization	72 bags per pallet (minimum order quantity = 10 bags)
Pallet net weight*	720 kg
Usage indication	1 x 720 kg pallet is enough to start up 1 or 2 MagnaPool® swimming pools (depending on volume)

## ASSOCIATED PRODUCTS

## ASSOCIATED GLASS MEDIA

Hydroxinator® iQ	Hydroxinator®	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
WW000172/173/174/175	(old model)	WF000063	WF000064

\* Mineral levels are measured using the usual salinity testers. Add 5 x 10kg bags per 10 m<sup>3</sup> to measure a concentration of 4 g/L (4000 ppm).

## FILTERING MEDIA

# Crystal Clear



- + Optimum filtration efficiency
- + Long lasting : lasts 3 times longer than sand
- + Eco-friendly : up to 75% water savings



### PRODUCT REFERENCES

Model	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
Standard Model	WF000063	WF000064

### DESCRIPTION

Model	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
Contents	Filtering medium made of 100% pure glass crystals	
Form	Translucent	
Dosage	Total weight in the filter : 10% less than the equivalent in sand 1,0/3,0mm : sufficient to cover the filter laterals 0,7/1,3 mm : in addition, to make up the total weight	
Filtration efficiency	77,9% turbidity reduction*	
Bag dimensions (l x h)	45 x 65 cm	
Bag net weight	15 kg (= shipping unit, skus can be mixed on a pallet)	

### ASSOCIATED PRODUCTS

MS filter	Hydroxinator® iQ	Hydroxinator®
WF000094/95/96/97/98	WW000172/173/174/175	(old model)

\* Turbidity reduction test carried in a lab with Crystal Clear fine, under EN 16713-1 standard ( test #7.2.4). Regulatory requirement is 50% min.



# NATURE<sup>2</sup> MINERAL PURIFIERS

Zodiac<sup>®</sup> mineral purifiers treat and clarify water using fewer chemical products.

## > HOW DOES IT WORK?

Nature<sup>2</sup> technology combines **recognized disinfection and purification efficiency of certain mineral components** and the unique properties of a material used in high-tech industries: ceramic (micro-porous material).

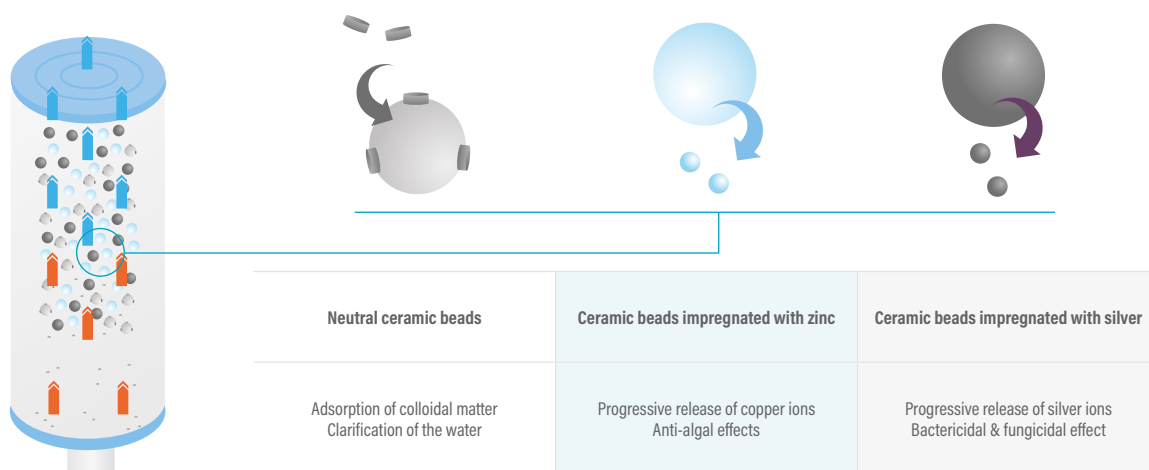
**The ceramic beads** retain micro-particles (colloidal matter) not stopped by the filter, to clarify the swimming pool water.

**Zinc particles**, coated on some ceramic beads, give Nature<sup>2</sup> cartridges algicidal properties.

**Silver particles**, coated on other ceramic beads, offer bactericidal and fungicidal (disinfection) properties.

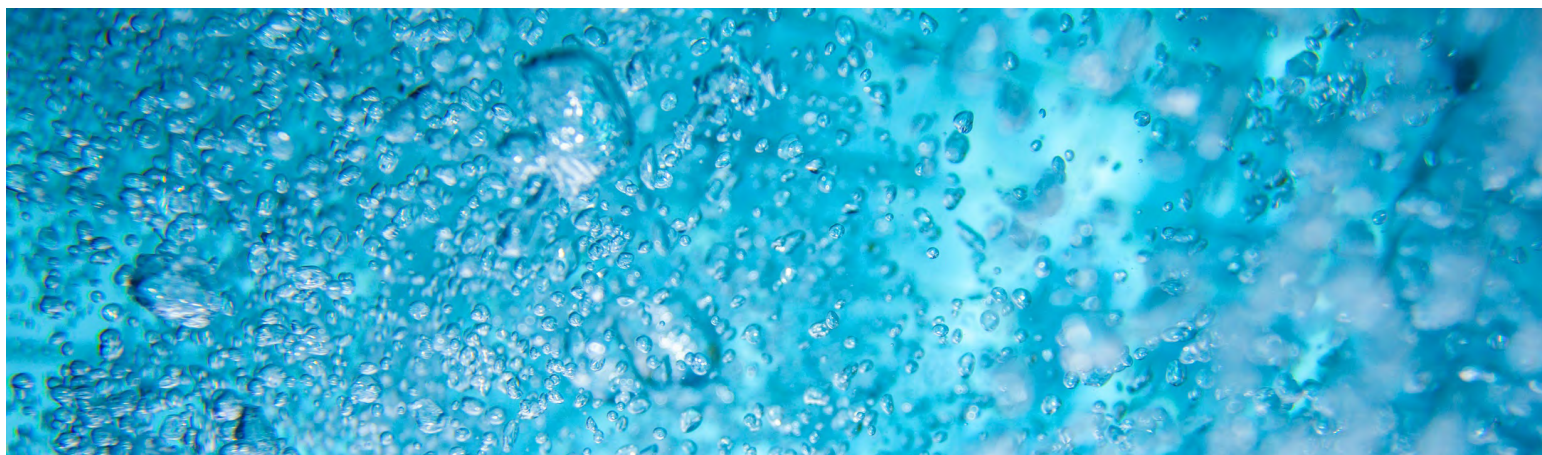
The combined action of these 3 properties enables Nature<sup>2</sup> systems to use **up to 4 times less chlorine** compared to conventional manual treatment: 0.5 ppm free chlorine is enough (depending on conditions of use).

### OPERATION OF THE NATURE<sup>2</sup> SPA CARTRIDGE



## > AN ENHANCED BATHING EXPERIENCE

- Requiring up to 4 times less disinfectant, Nature<sup>2</sup> systems clearly enhance bathing (less odour, no more unpleasant sensations on the skin, etc.).
- By using fewer chemical products, pH is potentially less disturbed. The water balance, a measure of efficient disinfection treatment, is consequently more stable.
- Depending on models and needs, Nature<sup>2</sup> can also be used with chlorine, active oxygen, a UV system or ozonator.



## MINERAL PURIFIERS

# Nature<sup>2</sup> Spa



- + Ready to use
- + Autonomous
- + Enhanced bathing experience

### ACCESSORIES INCLUDED IN THE PACK



Positioning pins



### FOR WHICH POOL?

Model	Nature <sup>2</sup> Spa Cartridge - 6-packs display
Volume of treated water (temperate climate)	0 - 4 m <sup>3</sup>

### DESCRIPTION

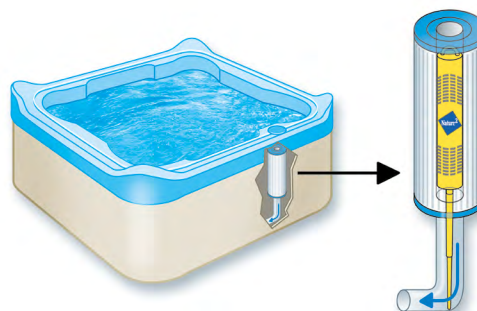
Model	Nature <sup>2</sup> Spa Cartridge - 6-packs display
Standard Model	WN000001
Type of disinfectant to use	Stabilised organic chlorine, "dichlor" or "trichlor" type (tablets or granules), calcium hypochlorite inorganic chlorine, liquid chlorine, active oxygen (liquid or powder) or UV treatment may be used. Compatible with salt water chlorination.
Cartridge life-span	6 months from the time the cartridge is placed in the purifier
Compatibility	Nature <sup>2</sup> Spa is not compatible with bromide and its derivatives, chlorine free disinfectants of the PHMB types (or "biguanides"), products containing copper, stain remover products and metal blockers.

### TECHNICAL SPECIFICATIONS

Model	Nature <sup>2</sup> Spa Cartridge - 6-packs display
Water flow minimum / maximum	Adapted to all spa flow rates
Maximum operating temperature (water)	35 °C
Installation	Inside the spa cartridge filter
Cartridge weight	100 g
Minimum order quantity	1 x 6-pack display

### INSTALLATION

- The Nature2 cartridge slides straight into the spa's cartridge filter. Use the positioning pins if necessary, so that the cartridge is positioned in the middle of the filter.



Before any use, ensure it is really needed, especially in places frequented by the general public.

Whenever possible, give preference to alternative methods and products presenting the lowest risk to human and animal health and to the environment.

Biocidal product : H400 / H410





# CLEANING



**ZODIAC®**

<b>INTRODUCTION</b>	<b>P.64</b>
<b>ELECTRICAL CLEANERS</b>	<b>P.65</b>
<b>TORNAX PRO</b>	<b>P.70</b>
▪ RT 2100	p.71
▪ RT 3200	p.72
<b>CYCLONX™ PRO</b>	<b>P.73</b>
▪ RC 4380	p.74
▪ RC 4400	p.75
▪ RC 4402	p.76
<b>VOYAGER™</b>	<b>P.77</b>
▪ RE 4200	p.78
▪ RE 4300	p.79
▪ RE 4400 iQ	p.80
▪ RE 4600 iQ	p.81
<b>VORTEX™ PRO 4WD</b>	<b>P.82</b>
▪ RV 5300	p.83
▪ RV 5380	p.84
<b>ALPHA IQ™ PRO</b>	<b>P.85</b>
▪ RA 6300 iQ	p.87
▪ RA 6500 iQ	p.88
▪ RA 6700 iQ	p.89
▪ RA 6800 iQ	p.90
▪ RA 6900 iQ	p.91
<b>HYDRAULIC CLEANERS</b>	<b>P.93</b>
▪ T3™	p.94
▪ T5™ Duo	p.95
▪ MX6™	p.96
▪ MX9™	p.97
▪ Cyclonic™ Leaf Catcher	p.98
▪ Spa Wand	p.99
<b>POLARIS</b>	<b>P.100</b>
<b>HIGH PRESSURE CLEANER</b>	
▪ 280	p.101
▪ 3900	p.102
▪ QUATTRO™ Sport	p.104
▪ TailSweep PRO	p.105
▪ Booster Pump & Control box	p.106



## 3 TECHNOLOGIES FOR SWIMMING POOL CLEANING

To clean a pool as well as possible, multiple parameters are considered in **the choice of cleaning equipment**: shape and lining of the pool, standard of cleaning, volume to be covered, etc.

**High technology Zodiac® cleaners** match the different features of a pool, the cleaning time and every budget.

**3 types of technologies** are currently available: electric cleaning, hydraulic cleaning and pressure cleaning.

### > ZODIAC® ELECTRIC ROBOTIC CLEANERS:

#### A HIGH-PERFORMANCE, STAND-ALONE SYSTEM

**Separate from the filtration system** and simply connected to the mains power, they are Plug&Play and **stand-alone equipment**.

With no action required and **programmable** (cleaning time, area to be covered, etc.), they reach every corner of the pool, climb the walls, clean the water line and collect impurities in their own filter basket.

There are different models for all types of pools.



### > ZODIAC® HYDRAULIC ROBOTIC CLEANERS:

#### A SIMPLE AND AFFORDABLE SOLUTION

Hydraulic robotic cleaners can be easily installed in the pool filtration system. In fact, they work on the energy produced by your pump.

Vacuum cleaners capture debris by suction and accumulate it in the pump pre-filter.

**More affordable** than electric cleaners, hydraulic cleaners are connected to a pool vacuum point or a skimmer and are **particularly suitable for the smallest pools** (with a flat floor or gentle slope and above-ground pools).

### > AUTOMATIC POLARIS® CLEANERS:

#### THE POWER OF A HIGH-PRESSURE CLEAN

These cleaners **use the swimming pool's filtration pump as a power source** for even more efficient and precise high-pressure cleaning. Instead of being connected to the suction, pressure cleaners are connected to the pool water return, using the vacuum point converted to discharge. In this way, the pool skimmers remain active and maintain full surface filtration capacity.

Pressure cleaners work with a booster pump and have a canister that collects debris sucked in, preventing the pump pre-filter from becoming blocked.



To optimise the efficiency of these accessories, it is essential to **ensure they are compatible with the pool lining**, filtration equipment, environment, etc.



# ELECTRIC ROBOT CLEANERS

## A stand-alone and efficient solution

The electric robots combine **the best of Zodiac® technology**.

Thanks to the embedded cyclone suction, a patented Zodiac® technology, **the cleaning performance is maintained throughout the cleaning cycle**. They even capture the finest debris without filter clogging.

Separate from the filtration system, these Plug&Play devices trap debris in their own filter basket, making them stand-alone.



### > TORNAX PRO, EFFICIENCY PURE & SIMPLE

The Tornax robotic cleaner guarantees **efficient cleaning** of your pool, completely autonomously, thanks to its smart movement and its rotating brush, which removes debris before collecting it. Tornax is the **lightest** (5.5 kg) of all the Zodiac® robotic cleaners. It is feather-light, meaning it is quick, easy and **effortless** to operate. Tornax is designed not only to be easy to use but also easy to maintain, as the filter can be accessed from the top so it can be rinsed without touching the debris.



### > CYCLONX™ PRO, CONCENTRATED TECHNOLOGY

Robotic cleaners in the CyclonX™ PRO range provide optimum cleaning of the pool, thanks to several pre-programmed cycles, a **Deep Clean** cycle to clean the pool floor and a one-hour **Quick Clean** program. Thanks to their large capacity filter (up to 3.7 L) and their wide suction inlets, all debris is collected. The filter can be easily cleaned using the **Push'n'Go™** function, a patented Zodiac® innovation that helps raise the filter basket handle with the push of a button.



### > VOYAGER™, FULL ON AGILITY

With its patented cyclonic suction, VOYAGER™ range adapts to all pools and all coatings. Thanks to **embedded sensors** such as gyroscope or accelerometer, the robotic cleaner offers **excellent coverage of each pool**. Also remotely accessible via the iAqualink™ application. Its helical brushes, its **double filtration canister** (60 and 150 microns) and its large suction inlet of 23cm allow a thorough cleaning of all areas of the pool.



### > VORTEX™ PRO 4WD, ULTIMATE POWER IN A 4 X 4 VERSION

Robotic cleaners from the Vortex™ PRO 4WD range are equipped with Zodiac® patented **extra-powerful and long-lasting suction**. Equipped with **4-wheel drive**, these robotic cleaners are truly all-terrain: they adapt to all kinds of surfaces, perfectly grip the walls and get over obstacles more easily. Most of Vortex™ PRO 4WD robotic cleaners also come with **Lift System** technology, so they are lighter when being removed from water (20% less effort).



### > ALPHA iQ™, ULTRA-EFFICIENCY COMBINED WITH INTELLIGENCE

With its Sensor Nav System™, the ALPHA iQ™ range identifies the configuration of your pool **to optimise movements** and cleaning time. The patented cyclone suction guarantees **extremely powerful and long-lasting suction**. Thanks to its patented **Lift System**, ALPHA iQ™ is lighter when removing it from the water. Monitor cleaning progress at any time through the **intuitive interface** of the iAquaLink™ application. ALPHA iQ™ is **upgradeable** thanks to possible optimisations and automatic remote updates.



## CYCLONIC SUCTION

Patented technology for powerful cleaning

### > HOW DOES IT WORK?

Thanks to its unique design, Vortex cleaners feature **Cyclonic Suction** : the flow is **keeping debris in suspension inside the filter** and allows a longer lasting suction while **limiting the clogging**.

Robotic cleaners equipped with cyclonic suction can be found here:  
**RE 4300, RE 4200, RE 4400 iQ, RE 4600 iQ, RV 5300, RV 5380,  
 RA 6300 iQ, RA 6500 iQ, RA 6700 iQ, RA 6800 iQ and RA 6900 iQ**



## LIFT SYSTEM

Patented innovation for easier removal from the water

### > 20% LESS EFFORT

The robotic cleaner positions itself on the chosen wall and cleans right up to the water line. Then a powerful waterjet propels it from the water: **which means you can remove the robot from the water with just 20% of the effort**.

Robotic cleaners equipped with Lift system:  
**RE 4600 iQ, RV 5380, RV 5600, RA 6300 iQ, RA 6500 iQ, RA 6700 iQ,  
 RA 6800 iQ and RA 6900 iQ**



## SENSOR NAV SYSTEM™

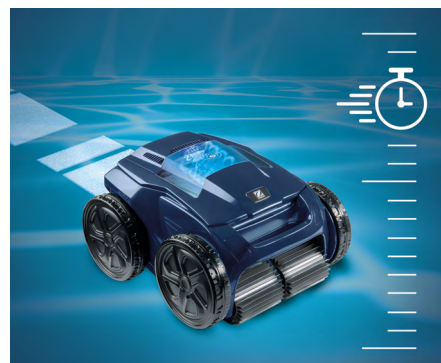
Smart navigation system for efficient and customized cleaning

### > PERSONALISED CLEANING OF EACH POOL

**Sensor Nav System™** gathers different embedded features which enable the robotic cleaners to learn all about each pool and to adapt its cleaning in the smartest way.

- Recognition and analysis of the pool dimensions and shape to provide an optimized navigation pattern and cleaning time for each pool.
- Focusing on common dirty areas such as bottom of the walls or flat areas of the pool

Robotic cleaners equipped with Smart Nav system™:  
**RA 6300 iQ, RA 6500 iQ, RA 6700 iQ, RA 6800 iQ and RA 6900 iQ**





## SWIVEL

Avoid cable tangling

### > HOW DOES IT WORK?

Automatic swivel system prevents cable tangling during cleaner operation in the pool.

**The cleaner efficiency is optimized and the cable storage is easier.**

Robots equipped with Swivel: **RV 5380, RA 6300 iQ, RA 6500 iQ, RA 6700 iQ, RA 6800 iQ and RA 6900 iQ**



## 4-WHEEL DRIVE (4WD)

Effective cleaning of all surfaces

### > GETTING OVER OBSTACLES MORE EASILY

Equipped with **4-wheel drive**, robots from the **Vortex™ PRO 4WD** and **ALPHA iQ™** ranges adapt to all situations.

### > OPTIMAL COVERAGE AND PERFECT GRIP

Thanks to their excellent grip, robots from the **Vortex™ PRO 4WD** and **ALPHA iQ™** ranges get into the tiniest corners of the pool and clean **all kinds of surface**. The robots ensure **the pool is cleaned perfectly**.

Robotic cleaners equipped with 4 Wheel-drive:  
**RV 5300, RV 5380, RA 6300 iQ, RA 6500 iQ, RA 6700 iQ, RA 6800 iQ and RA 6900 iQ**



## DUAL STAGE FILTRATION

Finer filtration and long lasting suction

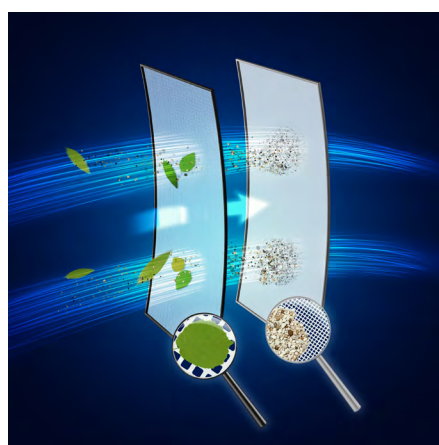
### > 2 FILTERS FOR LONG LASTING SUCTION AND FINER DEBRIS PICK UP

These 2 combined filters offer a larger mesh surface that a standard filter which allows to postpone the clogging effects. This unique design also allows the ability to use the larger mesh filter alone, which can be very useful at the beginning of the season

### > HOW DOES IT WORK?



2 imbricated filters : the dirty water flows through a coarse layer first (150µ) and a finer one after (60µ). The coarse filter will retain the larger debris and the finer one will then allow a finer filtration.

Robotic cleaners equipped with Dual-stage filtration:  
**RE 4300, RE 4400 iQ, RE 4600 iQ, RA 6800 iQ and RA 6900 iQ**



# ELECTRIC CLEANERS








A stand-alone and efficient solution

COMPARATIVE TABLE OF RANGES TECHNICAL SPECIFICATIONS		RT 2100	RT 3200	RC 4380	RC 4400 RC 4402	RE 4200	RE 4300	RE 4400 iQ	RE 4600 iQ
									
Types of pools	Surfaces	Liner, polyester hull, reinforced PVC, painted concrete, Tiles *	Liner, polyester hull, reinforced PVC, painted concrete, Tiles *	Liner, reinforced PVC, painted concrete, polyester hull, Tiles : dedicated brushes kit	Liner, reinforced PVC, painted concrete, polyester hull, Tiles : dedicated brushes kit	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete
	Shapes	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape
	Bottom	Flat, gentle slope, composite slope	Flat, gentle slope, composite slope	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape
	Size	8 x 4 m (14 m cable)	9 x 4 m (16,5m cable)	10 x 5 m (15 m cable)	12 x 6 m (18m cable)	10 x 5m (15m cable)	10 x 5m (15m cable)	12 x 6 m (18m cable)	12 x 6 m (18m cable)
Performance	Traction	Tracks - 1 motor	Tracks - 1 motor	Tracks - 1 motor	Tracks - 1 motor	Tracks - 2 motors	Tracks - 2 motors	Tracks - 2 motors	Tracks - 2 motors
	Cleaning areas	Floor	Floor / walls	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline
	Cyclonic Suction	-	-	-	-	✓	✓	✓	✓
	Filtering level	100µ	100µ	100µ	100µ	100µ	526 cm² 150/60µ	150/60µ	150/60µ
	Filter capacity	3 L	3 L	3,7 L	3,7 L	4 L	4 L	4 L	4 L
	Swivel	-	-	-	-	-	-	-	-
	Sensor Nav System™	-	-	-	-	-	-	-	-
	Remote control	-	-	-	-	-	-	-	✓ via the app
Cycles	Type of brush	Standard	Standard	Standard	Standard	Helix shaped	Helix shaped	Helix shaped	Helix shaped
	Number of cycles	1	1	2	6	2	2	2	2
	Cleaning cycles	Floor	Floor / walls	Floor «Deep Clean» Floor / walls / waterline	Floor «Deep Clean» Floor / walls / waterline	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline
	Manual cleaning time adjustment	-	-	-	✓	-	-	-	-
Ease of use	iAqualink™ app control	-	-	-	-	-	-	✓	✓
	Lift System	-	-	-	-	-	-	-	✓
	7-day timer	-	-	-	-	-	-	-	-
	Full filter indicator	-	-	-	✓	-	-	-	-
	Transparent window	-	✓	✓	✓	✓	✓	✓	✓
	Illuminated filter	-	-	-	-	-	-	✓	✓
	Type of filter	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister / Top access	Rigid Filter canister / Top access	Rigid Filter canister / Top access	Rigid Filter canister / Top access
Advanced app features	Trolley	-	-	✓	✓	-	-	-	✓
	Water temperature display	-	-	-	-	-	-	-	-
	Spot cleaning mode	-	-	-	-	-	-	-	-
Warranty		2 years	2 years	2 years	2 years	2 years	2 years	3 years**	3 years*

\*For optimal cleaner behavior in some tile pools, it might be necessary to use the specific tile brush accessory.

\*\*2 years + 1 year if the cleaner is paired to iAqualink™

**COMPARATIVE  
TABLE  
OF RANGES**  
TECHNICAL  
SPECIFICATIONS

		RV 5300	RV 5380	RA 6300 iQ	RA 6500 iQ	RA 6700 iQ	RA 6800 iQ	RA 6900 iQ
								
Types of pools	Surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete
	Shapes	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape
	Bottom	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape
	Size	12 x 6 m (18m cable)	12 x 6 m (18m with Swivel cable)	12 x 6 m (18m with Swivel cable)	12 x 6 m (18m with Swivel cable)	15 x 7 m (21m with Swivel cable)	15 x 7 m (21m with Swivel cable)	20 x 10 m (25m with Swivel cable)
Performance	Traction	4 wheel drive 2 motors	4 wheel drive 2 motors	4 wheel drive 2 motors	4 wheel drive 2 motors	4 wheel drive 2 motors	4 wheel drive 2 motors	4 wheel drive 2 motors
	Cleaning areas	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline
	Cyclonic Suction	✓	✓	✓	✓	✓	✓	✓
	Filtering level	100µ	100µ	60µ	60µ	60µ	150 and 60µ	150 and 60µ
	Filter capacity	5 L	5 L	5 L	5 L	5 L	5 L	5 L
	Swivel	✓	✓	✓	✓	✓	✓	✓
	Sensor Nav System™	-	-	✓	✓	✓	✓	✓
	Remote control	-	-	-	( with app)	( with app)	( with app)	( with app)
	Type of brush	Contact +	Contact +	Contact +	Contact +	Contact +	Contact +	Contact +
Cycles	Number of cycles	2	2	2	Multiple	Multiple	Multiple	Multiple
	Cleaning cycles	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline	Quick floor only Smart floor/ walls / waterline (calculated time)	Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline	Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline Waterline only	Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline Waterline only	Multiple from 0h30 to 6h with preset cycles Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline Waterline only
	Manual cleaning time adjustment	-	-	-	✓	✓	✓	✓
Ease of use	iAqualink™ app control	-	-	✓	✓	✓	✓	✓
	Lift System	-	✓	✓	✓	✓	✓	✓
	7-day timer	-	-	-	✓	✓	✓	✓
	Full filter indicator	✓	✓	✓	✓	✓	✓	✓
	Transparent window	-	-	✓	✓	✓	✓	✓
	Illuminated filter	-	-	✓	✓	✓	✓	✓
	Type of filter	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner
	Trolley	✓	✓	✓	✓	✓	✓	✓
Advanced app features	Water temperature display	-	-	-	-	✓ (info in app)	✓ (info in app)	✓ (info in app)
	Spot cleaning mode	-	-	-	-	✓	✓	✓
Warranty		3 years	3 years	4 years**	4 years**	4 years**	4 years**	4 years**

\*\*\* 3 years + 1 year if the cleaner is paired to iAqualink™



# TORNAX

Efficiency, pure and simple



Cleans the pool floor  
(RT 2100)



Cleans floor and walls  
(RT 3200)



Light for effortless handling



Easy-to-clean filter

**COMPARATIVE TABLE  
OF RANGES**  
TECHNICAL SPECIFICATIONS

		RT 2100	RT 3200
			
Types of pools	Surfaces	Liner, polyester hull, reinforced PVC, painted concrete, Tiles *	Liner, polyester hull, reinforced PVC, painted concrete, Tiles *
	Shapes	Rectangular, oval, free shape	Rectangular, oval, free shape
	Size	8 x 4 m (14 m cable)	9 x 4 m (16,5m cable)
Performance	Traction	Tracks - 1 motor	Tracks - 1 motor
	Cleaning areas	Floor	Floor / walls
	Cyclonic Suction	-	-
	Filtering level	100µ	100µ
	Filter capacity	3 L	3 L
	Swivel	-	-
	Sensor Nav System™	-	-
	Remote control	-	-
Cycles	Number of cycles	1	1
	Cleaning cycles	Floor	Floor / walls
	Manual cleaning time adjustment	-	-
Ease of use	iAqualink™ app control	-	-
	Lift System	-	-
	7-day timer	-	-
	Full filter indicator	-	-
	Transparent window	-	✓
	Illuminated filter	-	-
	Type of filter	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner
	Trolley	-	-
Warranty		2 years	2 years

\*For optimal cleaner behavior in some tile pools, it might be necessary to use the specific tile brush accessory.

# ELECTRIC CLEANERS

## RT 2100 - TORNAX PRO



### EFFICIENCY, PURE AND SIMPLE

- + Efficient floor cleaning
- + Lightweight for effortless handling
- + Easy clean filter

**2** YEAR  
WARRANTY

### REFERENCE PRICE

Standard Model

WR000092

### ACCESSORIES INCLUDED IN THE PACK



Control box



Fine Filter canister 100µ



Control box base

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 8 x 4 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope
Pool surfaces	Liner, polyester hull, reinforced PVC, painted concrete, Tiles *

### DESCRIPTION

Cleaning areas	Floor
Number / Length of cleaning cycles	1 cycle - Floor : 2h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 1 motor
Transmission	Gear transmission
Brushes	Yes
Transparent window	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	36

### TECHNICAL SPECIFICATIONS

Number of motors	2
Control box supply	100-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	100 W
Cable length / Hose length	14 m
Cleaner size (L x W x h)	37 x 29 x 30 cm
Packaging size (L x W x h)	56 x 37 x 38 cm
Cleaner weight	5,5 kg
Packaging weight	10 kg
Filtering surface and level	480 cm <sup>2</sup> / 100µ
Filtering capacity	3 L
Inlet suction size	17 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Trolley	Special tile brush (unit)
R0763100	R0762900	R0763000	R0767600	R0774900

\*For optimal cleaner behavior in some tile pools, it might be necessary to use the specific tile brush accessory.

# ELECTRIC CLEANERS

## RT 3200 - TORNAX PRO



### EFFICIENCY, PURE AND SIMPLE

- + Efficient floor and walls cleaning
- + Lightweight for effortless handling
- + Easy clean filter

**2** YEAR  
WARRANTY

### REFERENCE PRICE

Standard Model

WR000093

### ACCESSORIES INCLUDED IN THE PACK

		
Control box	Fine Filter canister 100µ	Control box base

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 9 x 4 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope
Pool surfaces	Liner, polyester hull, reinforced PVC, painted concrete, Tiles *

### DESCRIPTION

Cleaning areas	Floor / walls
Number / Length of cleaning cycles	1 cycle - Floor / walls : 3h
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 1 motor
Transmission	Gear transmission
Brushes	Yes
Transparent window	Yes
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	36

### TECHNICAL SPECIFICATIONS

Number of motors	2
Control box supply	100-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	100 W
Cable length / Hose length	16,5m
Cleaner size (L x W x h)	37 x 29 x 30 cm
Packaging size (L x W x h)	56 x 37 x 38 cm
Cleaner weight	5,5 kg
Packaging weight	11 kg
Filtering surface and level	480 cm <sup>2</sup> / 100µ
Filtering capacity	3 L
Inlet suction size	17 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)




Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Trolley	Special tile brush (unit)
R0763100	R0762900	R0763000	R0767600	R0774900

\*For optimal cleaner behavior in some tile pools, it might be necessary to use the specific tile brush accessory.

# CYCLONIX™

The essentials of Zodiac® technology



COMPARATIVE TABLE OF RANGES		RC 4380	RC 4400	RC 4402
				
Types of pools	Surfaces	Liner, reinforced PVC, painted concrete, polyester hull, Tiles : dedicated brushes kit	Liner, reinforced PVC, painted concrete, polyester hull, Tiles : dedicated brushes kit	Slippery surfaces (polyester hull, tile)
	Shapes	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape
	Size	10 x 5 m (15 m cable)	12 x 6 m (18m cable)	12 x 6 m (18m cable)
Performance	Traction	Tracks - 1 motor	Tracks - 1 motor	Tracks - 1 motor
	Cleaning areas	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline
	Cyclonic Suction	-	-	-
	Filtering level	100µ	100µ	100µ
	Filter capacity	3,7 L	3,7 L	3,7 L
	Swivel	-	-	-
	Sensor Nav System™	-	-	-
	Remote control	-	-	-
	Type of brush	Standard	Standard	Standard
Cycles	Number of cycles	2	6	6
	Cleaning cycles	Floor «Deep Clean» Floor / walls / waterline	Floor «Deep Clean» Floor / walls / waterline	Floor «Deep Clean» Floor / walls / waterline
	Manual cleaning time adjustment	-	-	✓
Ease of use	iAqualink™ app control	-	-	-
	Lift System	-	-	-
	7-day timer	-	-	-
	Full filter indicator	-	✓	✓
	Transparent window	✓	✓	✓
	Illuminated filter	-	-	-
	Type of filter	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner
	Trolley	✓	✓	✓
Warranty		2 years	2 years	2 years

# ELECTRIC CLEANERS

## RC 4380 - CYCLONX™ PRO



### CONCENTRATED TECHNOLOGY

- + Optimal cleaning for the floor/walls/water line
- + Large suction capacity
- + Filter access at the push of a button



### REFERENCE PRICE

Standard Model

WR000240

### ACCESSORIES INCLUDED IN THE PACK

		
Control box	Fine Filter canister 100µ	Control box base

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 10 x 5 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Liner, reinforced PVC, painted concrete, polyester hull, Tiles : dedicated brushes kit

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles : - Floor «Deep Clean» : 1h30 - Floor / walls / waterline : 1h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 1 motor
Transmission	Gear transmission
Brushes	Yes
Lift System	no
Transparent window	Yes
Full filter indicator	No
Remote control	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	20

### TECHNICAL SPECIFICATIONS

Number of motors	2
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	15 m
Cleaner size (L x W x h)	41 x 42 x 28 cm
Packaging size (L x W x h)	56 x 56 x 38 cm
Cleaner weight	9 kg
Packaging weight	17,1 kg
Filtering surface and level	850 cm <sup>2</sup> / 100µ
Filtering capacity	3,7 L
Inlet suction size	22 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Large debris filter canister 200µ	Fine filter canister 100µ	Protective cover	Trolley	Kit for polyester hull pools (2 brushes)	Kit for slippery surfaces (2 brushes)
R0632602	R0632601	R0632600	R0568100	R0639500	R0697600	R0718600



# ELECTRIC CLEANERS

## RC 4400 - CYCLONX™ PRO



### CONCENTRATED TECHNOLOGY

- + Optimal cleaning for the floor/walls/water line
- + Large suction capacity
- + Filter access at the push of a button

### REFERENCE PRICE

Standard Model

WR000021

### ACCESSORIES INCLUDED IN THE PACK



Trolley



Control box



Fine Filter canister 100µ

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Liner, reinforced PVC, painted concrete , polyester hull, Tiles : dedicated brushes kit

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	6 cycles : - Floor «Deep Clean» : 1h, 1h30, 2h - Floor / walls / waterline : 1h, 1h30, 2h
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 1 motor
Transmission	Gear transmission
Brushes	Yes
Lift System	no
Transparent window	Yes
Full filter indicator	Yes
Remote control	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	2
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m
Cleaner size (L x W x h)	41 x 42 x 28 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	9,5 kg
Packaging weight	19,1 kg
Filtering surface and level	850 cm <sup>2</sup> / 100µ
Filtering capacity	3,7 L
Inlet suction size	22 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Large debris filter canister 200µ	Fine filter canister 100µ	Protective cover	Kit for polyester hull pools (2 brushes)	Kit for slippery surfaces (2 brushes)
R0632602	R0632601	R0632600	R0568100	R0697600	R0718600

# ELECTRIC CLEANERS

## RC 4402 - CYCLONX™ PRO



### CONCENTRATED TECHNOLOGY

- + Adapted for pools with slippery surfaces (polyester hull, tile)
- + Optimal cleaning for the floor/walls/water line
- + Large suction capacity
- + Filter access at the push of a button




### REFERENCE PRICE

Standard Model

WR000239

### ACCESSORIES INCLUDED IN THE PACK

		
Trolley	Control box	Fine Filter canister 100µ

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Slippery surfaces (polyester hull, tile)

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	6 cycles : - Floor «Deep Clean» : 1h, 1h30, 2h - Floor / walls / waterline : 1h, 1h30, 2h
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 1 motor
Transmission	Gear transmission
Brushes	Yes
Lift System	no
Transparent window	Yes
Full filter indicator	Yes
Remote control	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

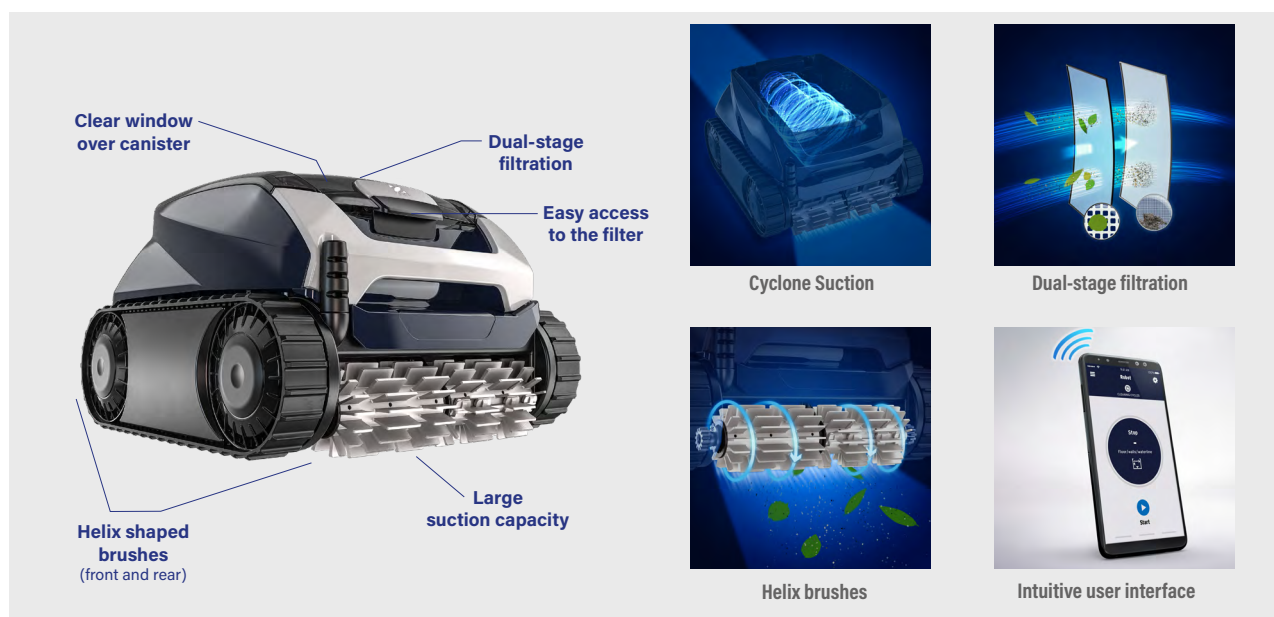
Number of motors	2
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m
Cleaner size (L x W x h)	41 x 42 x 28 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	9,5 kg
Packaging weight	19,1 kg
Filtering surface and level	850 cm <sup>2</sup> / 100µ
Filtering capacity	3,7 L
Inlet suction size	22 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Large debris filter canister 200µ	Fine filter canister 100µ	Protective cover
R0632602	R0632601	R0632600	R0568100





# VOYAGER™

Full on agility

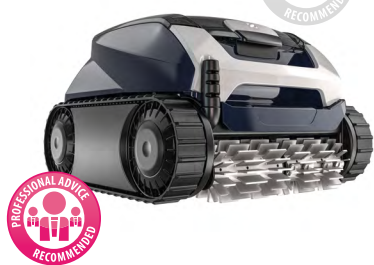


**COMPARATIVE  
TABLE  
OF RANGES**

TECHNICAL SPECIFICATIONS

		RE 4200	RE 4300	RE 4400 iQ	RE 4600 iQ
					
Types of pools	Surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete
	Shapes	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape
	Bottom	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape	Flat, gentle slope, composite slope, diamond shape
	Size	10 x 5m (15m cable)	10 x 5m (15m cable)	12 x 6 m (18m cable)	12 x 6 m (18m cable)
Performance	Traction	Tracks - 2 motors	Tracks - 2 motors	Tracks - 2 motors	Tracks - 2 motors
	Cleaning areas	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline
	Cyclonic Suction	✓	✓	✓	✓
	Filtering level	100µ	526 cm <sup>2</sup> 150/60µ	150/60µ	150/60µ
	Filter capacity	4 L	4 L	4 L	4 L
	Swivel	-	-	-	-
	Sensor Nav System™	-	-	-	-
	Remote control	-	-	-	✓ via the app
	Type of brush	Helix shaped	Helix shaped	Helix shaped	Helix shaped
Cycles	Number of cycles	2	2	2	2
	Cleaning cycles	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline
	Manual cleaning time adjustment	-	-	-	-
Ease of use	iAqualink™ app control	-	-	✓	✓
	Lift System	-	-	-	✓
	7-day timer	-	-	-	-
	Full filter indicator	-	-	-	-
	Transparent window	✓	✓	✓	✓
	Illuminated filter	-	-	✓	✓
	Type of filter	Rigid Filter canister / Top access	Rigid Filter canister / Top access	Rigid Filter canister / Top access	Rigid Filter canister / Top access
Advanced features	Trolley	-	-	-	✓
	Water temperature display	-	-	-	-
	Spot cleaning mode	-	-	-	-
	Warranty	2 years		3 years*	3 years*

\*2 years + 1 year if the cleaner is paired to iAqualink™



## ELECTRIC CLEANERS

# RE 4200 - VOYAGER™



### FULL ON AGILITY

- + Optimal cleaning performance : Patented cyclonic suction / Helix shaped brushes / Large suction capacity
- + Integrated agility : Designed to work in all pool shapes or surfaces / Tracks / accelerometer & gyroscope sensors
- + Ease of use : Top access filter / transparent window

**2** YEAR  
WARRANTY



### REFERENCE PRICE

Standard Model

WR000331

### ACCESSORIES INCLUDED IN THE PACK

		
Control box	Fine Filter canister 100µ	Control box base

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 10 x 5m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles : - Floor only : 1h30 - Floor / walls / waterline : 2h30
Timer	No
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 2 motors
Transmission	Gear transmission
Pressure sensor	No
Brushes	Yes - front brushes
Lift System	No
Transparent window	Yes
Full filter indicator	No
Remote control	No
Water temperature measurement	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister / Top access
Units / pallet	20

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	15m
Cleaner size (L x W x h)	43 x 40 x 30 cm
Packaging size (L x W x h)	56 x 56 x 37 cm
Cleaner weight	8 kg
Packaging weight	14kg
Filtering surface and level	526 cm <sup>2</sup> / 100µ
Filtering capacity	4L
Inlet suction size	23 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Main canister 200µ for single filter	Main canister 150µ for dual stage filter	Over canister 60µ for dual stage filter	Protective cover	Trolley
R0897700	R0897600	R0898100	R0568100	R0639500

# ELECTRIC CLEANERS

## RE 4300 - VOYAGER™



### FULL ON AGILITY

- + Optimal cleaning performance : Patented cyclonic suction / Helix shaped brushes / Progressive dual stage filtration 150/60µ
- + Integrated agility : Designed to work in all pool shapes or surfaces / Tracks / accelerometer & gyroscope sensors
- + Ease of use : Top access filter / transparent window

### REFERENCE PRICE

Standard Model	WR000449
<b>Ex. VAT Price</b>	<b>\$Price</b>
Eco-part	\$EcoPart



### ACCESSORIES INCLUDED IN THE PACK

		
Control box	Dual Filter canister 60µ / 150µ	Control box base

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 10 x 5m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles : - Floor only : 1h30 - Floor / walls / waterline : 2h30
Cleaning cycles	2
Timer	No
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 2 motors
Transmission	Gear transmission
Pressure sensor	No
Brushes	Yes - front brushes
Lift System	No
Transparent window	Yes
Full filter indicator	No
Remote control	No
Water temperature measurement	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister / Top access
Units / pallet	20

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	15m
Cleaner size (L x W x h)	43 x 40 x 30 cm
Packaging size (L x W x h)	56 x 56 x 37 cm
Cleaner weight	8 kg
Packaging weight	14kg
Filtration surface and level	526 cm <sup>2</sup> 150/60µ
Filtration capacity	4L
Inlet suction size	23 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Main canister 100µ for single filter	Main canister 200µ for single filter	Protective cover	Trolley
R0897500	R0897700	R0568100	R0639500



# ELECTRIC CLEANERS

## RE 4400 iQ - VOYAGER™



**3** YEAR  
WARRANTY\*



**iAquaLink**  
CONTROL



### FULL ON AGILITY





- + Optimal cleaning performance : Patented cyclonic suction / Helix shaped brushes / progressive dual stage filtration 150/60µ
- + Integrated agility : Designed to work in all pool shapes or surfaces / Tracks / accelerometer & gyroscope sensors
- + Control via iAqualink™ app : basic features
- + Ease of use : Top access filter / transparent window

### REFERENCE PRICE

Standard Model

WR000327

### ACCESSORIES INCLUDED IN THE PACK

			
Control box	Dual Filter canister 60µ and 150µ	Control box base	Free app

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls,
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles : - Floor only : 1h30 - Floor / walls / waterline : 2h30
Timer	No
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 2 motors
Transmission	Gear transmission
Pressure sensor	No
Brushes	Yes - front and rear brushes
Lift System	No
Transparent window	Yes
Full filter indicator	No
Remote control	No
Water temperature measurement	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister / Top access
Units / pallet	20

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m
Cleaner size (L x W x h)	43 x 40 x 30 cm
Packaging size (L x W x h)	56 x 56 x 37 cm
Cleaner weight	8 kg
Packaging weight	14kg
Filtering surface and level	1066 cm <sup>2</sup> 150/60µ
Filtering capacity	4L
Inlet suction size	23 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Main canister 100µ for single filter	Main canister 200µ for single filter	Protective cover	Trolley
R0897500	R0897700	R0568100	R0639500

\* 2 years + 1 year if the cleaner is paired to iAqualink™

# ELECTRIC CLEANERS

## RE 4600 iQ - VOYAGER™



### FULL ON AGILITY


- + Optimal cleaning performance : Patented cyclonic suction / Helix shaped brushes / progressive dual stage filtration 150/60µ
- + Integrated agility : Designed to work in all pool shapes or surfaces / Tracks / accelerometer & gyroscope sensors
- + Control via iAqualink™ app : advanced features
- + Ease of use : Top access filter / transparent window / trolley



### REFERENCE PRICE

Standard Model	WR000323
<b>Ex. VAT Price</b>	<b>\$Price</b>
Eco-part	\$EcoPart

### ACCESSORIES INCLUDED IN THE PACK

			
Trolley	Control box	Dual Filter canister 60µ and 150µ	Free app

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles : - Floor only : 1h30 - Floor / walls / waterline : 2h30
Timer	No
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks - 2 motors
Transmission	Gear transmission
Pressure sensor	No
Brushes	Yes - front and rear brushes
Lift System	Yes
Transparent window	Yes
Full filter indicator	No
Remote control	Yes via the app
Water temperature measurement	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister / Top access
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m
Cleaner size (L x W x h)	43 x 40 x 30 cm
Packaging size (L x W x h)	56 x 56 x 47 cm
Cleaner weight	8 kg
Packaging weight	15 kg
Filtering surface and level	1066 cm <sup>2</sup> 150/60µ
Filtering capacity	4L
Inlet suction size	23 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

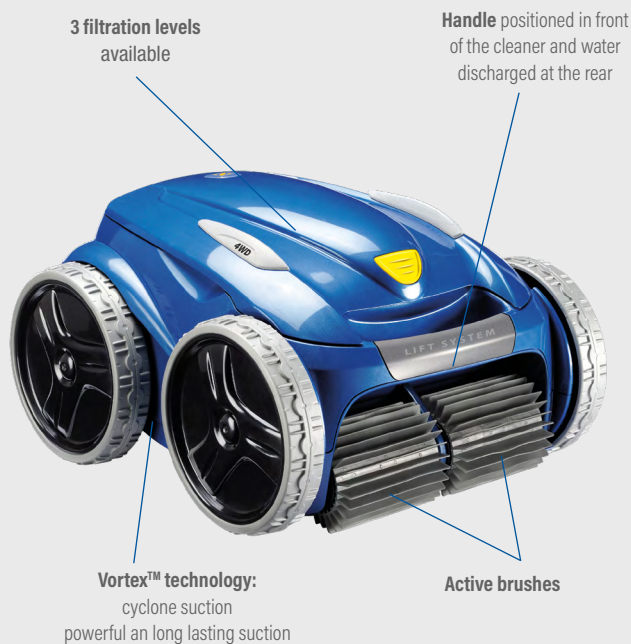
Main canister 100µ for single filter	Main canister 200µ for single filter	Protective cover
R0897500	R0897700	R0568100

\* 2 years + 1 year if the cleaner is paired to iAqualink™

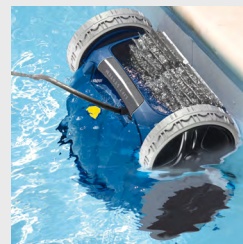
# VORTEX™ 4WD RANGE

Ultimate power

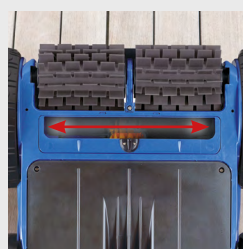
## COMMON FEATURES OF THE PRO RANGE



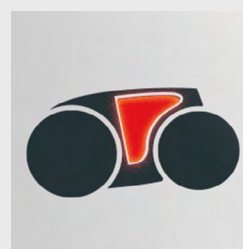
Filter basket with easy access  
and large capacity (5 L)



Patented Lift System\*



Extra-wide  
suction inlet





Filter full indicator

\*depending on model

## COMPARATIVE TABLE OF RANGES

### TECHNICAL SPECIFICATIONS

		RV 5300	RV 5380
			
Types of pools	Surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete
	Shapes	Rectangular, oval, free shape	Rectangular, oval, free shape
	Size	12 x 6 m (18m cable)	12 x 6 m (18m with Swivel cable)
Performance	Traction	4 wheel drive - 2 motors	4 wheel drive - 2 motors
	Cleaning areas	Floor / walls / waterline	Floor / walls / waterline
	Cyclonic Suction	✓	✓
	Filtering level	100µ	100µ
	Filter capacity	5 L	5 L
	Swivel	✓	✓
	Sensor Nav System™	-	-
	Remote control	-	-
	Type of brush	Contact +	Contact +
Cycles	Number of cycles	2	2
	Cleaning cycles	Floor only Floor / walls / waterline	Floor only Floor / walls / waterline
	Manual cleaning time adjustment	-	-
Ease of use	iAqualink™ app control	-	-
	Lift System	-	✓
	7-day timer	-	-
	Full filter indicator	✓	✓
	Transparent window	-	-
	Illuminated filter	-	-
	Type of filter	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner
	Trolley	✓	✓
	Warranty	3 years	3 years

# ELECTRIC CLEANERS

## RV 5300 - VORTEX™ PRO 4WD



### ULTIMATE POWER IN 4X4

- + Ultra-powerful & long lasting suction
- + All-terrain cleaner
- + Extra large suction capacity

### REFERENCE PRICE

Standard Model

WR000161

**3** YEAR  
WARRANTY



### ACCESSORIES INCLUDED IN THE PACK



Trolley



Control box



Fine Filter canister 100µ



Contact + Brushes

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

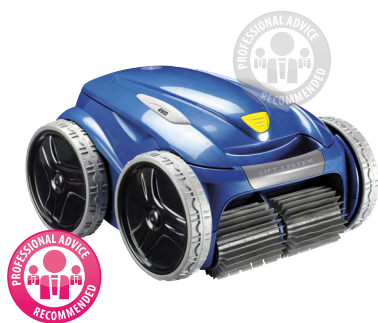
Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles : - Floor only : 1h30 - Floor / walls / waterline : 2h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive - 2 motors
Transmission	Gear transmission
Brushes	Yes ( Contact + Brushes)
Lift System	No
Full filter indicator	Yes
Remote control	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m
Cleaner size (L x W x h)	43 x 48 x 27 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	9,5 kg
Packaging weight	21 kg
Filtering surface and level	1180 cm <sup>2</sup> / 100µ
Filtering capacity	5 L
Inlet suction size	24,5 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
R0863500	R0863600	R0863700	R0568100



## ELECTRIC CLEANERS

# RV 5380 - VORTEX™ PRO 4WD



### ULTIMATE POWER IN 4X4


- + Ultra-powerful & long lasting suction
- + All-terrain cleaner
- + Effortless removal from the water
- + Extra large suction capacity



### REFERENCE PRICE

Standard Model	WR000225
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### ACCESSORIES INCLUDED IN THE PACK

				
Trolley	Control box	Fine Filter canister 100µ	Contact + Brushes	Swivel

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles : - Floor only : 1h30 - Floor / walls / waterline : 2h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive - 2 motors
Transmission	Gear transmission
Brushes	Yes ( Contact + Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m with Swivel
Cleaner size (L x W x h)	43 x 48 x 27 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	9,5 kg
Packaging weight	21 kg
Filtering surface and level	1180 cm² / 100µ
Filtering capacity	5 L
Inlet suction size	24,5 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
R0863500	R0863600	R0863700	R0568100



# ALPHA IQ™ PRO

Ultra-efficiency combined with intelligence

RA 6700 iQ model



## SensorNavSystem™

- Smart cycle: calculates the optimal cleaning time for each pool
- Pressure sensor: provides superior wall climbing and waterline cleaning
- Water Temperature Sensor



**iAquaLink™  
CONTROL**

Wi-Fi Control through iAquaLink™ App

- Remote control mode
- 7 days timer
- Lift System
- Choice, start, stop and monitor the cycles
- Smart cleaning mode
- Display of water temperature

**4 YEARS  
WARRANTY**

3 years + 1 additional year if the robot is paired with the iAquaLink™ application\*

\*See conditions in the warranty guide

# ALPHA IQ™ PRO

Ultra-efficiency combined with intelligence



Personalised cleaning Sensor  
Nav Sytem™



Patented Cyclone suction








Lift System:  
Easy-to-use and lighter  
removal from the water



Intuitive Wi-Fi connected  
control

**COMPARATIVE  
TABLE  
OF RANGES**  
TECHNICAL  
SPECIFICATIONS

		RA 6300 iQ	RA 6500 iQ	RA 6700 iQ	RA 6800 iQ	RA 6900 iQ
						
Types of pools	Surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete	Tiles, liner, polyester hull, reinforced PVC, painted concrete
	Shapes	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape	Rectangular, oval, free shape
	Size	12 x 6 m (18m with Swivel cable)	12 x 6 m (18m with Swivel cable)	15 x 7 m (21m with Swivel cable)	15 x 7 m (21m with Swivel cable)	20 x 10 m (25m with Swivel cable)
Performance	Traction	4 wheel drive - 2 motors	4 wheel drive - 2 motors	4 wheel drive - 2 motors	4 wheel drive - 2 motors	4 wheel drive - 2 motors
	Cleaning areas	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline	Floor / walls / waterline
	Cyclonic Suction	✓	✓	✓	✓	✓
	Filtering level	60µ	60µ	60µ	150 and 60µ	150 and 60µ
	Filter capacity	5 L	5 L	5 L	5 L	5 L
	Swivel	✓	✓	✓	✓	✓
	Sensor Nav System™	✓	✓	✓	✓	✓
	Remote control	-	( with app)	( with app)	( with app)	( with app)
	Pressure Sensor	-	✓	✓	✓	✓
	Type of brush	Contact +	Contact +	Contact +	Contact +	Contact +
Cycles	Number of cycles	2	Multiple	Multiple	Multiple	Multiple
	Cleaning cycles	Quick floor only Smart floor/ walls / waterline (calculated time)	Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline	Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline Waterline only	Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline Waterline only	Multiple from 0h30 to 6h with preset cycles Quick floor only Smart floor/ walls / waterline (calculated time) Ultra floor / walls / waterline Waterline only
	Manual cleaning time adjustment	-	✓	✓	✓	✓
Ease of use	iAqualink™ app control	✓	✓	✓	✓	✓
	Lift System	✓	✓	✓	✓	✓
	7-day timer	-	✓	✓	✓	✓
	Full filter indicator	✓	✓	✓	✓	✓
	Transparent window	✓	✓	✓	✓	✓
	Illuminated filter	✓	✓	✓	✓	✓
	Type of filter	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner
	Trolley	✓	✓	✓	✓	✓
Advanced app features	Water temperature display	-	-	✓ (info in app)	✓ (info in app)	✓ (info in app)
	Spot cleaning mode	-	-	✓	✓	✓
	Warranty	4 years**	4 years**	4 years**	4 years**	4 years**

\* 3 years + 1 year if the cleaner is paired to iAqualink™

# ELECTRIC CLEANERS

## RA 6300 iQ - ALPHA iQ™ PRO



**4 YEAR**  
WARRANTY\*

Sensor  
Nav  
System™

PATENTED  
CYCLONE  
SUCTION

PATENTED  
LIFT SYSTEM®

SWIVEL

iAquaLink  
CONTROL

### ULTRA-EFFICIENCY COMBINED WITH INTELLIGENCE

- + Sensor Nav Sytem™: intelligent and personalised cleaning
- + Ultra-powerful & long lasting suction
- + Effortless removal from water
- + Wi-fi connected : intuitive interface and advanced functionalities in app from everywhere

### REFERENCE PRICE

Standard Model

WR000199

### ACCESSORIES INCLUDED IN THE PACK



Trolley



Control box



Ultra-Fine Filter canister 60µ



Contact + Brushes



Swivel



Free app

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	2 cycles - Quick: floor only 1h15 - Smart: floor/ walls / waterline (calculated time)
Timer	No
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive - 2 motors
Transmission	Gear transmission
Pressure sensor	No
Brushes	Yes ( Contact + Brushes)
Lift System	Yes
Transparent window	Yes
Full filter indicator	Yes
Remote control	No
Water temperature measurement	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m with Swivel
Cleaner size (L x W x h)	43 x 48 x 27 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	10 kg
Packaging weight	19,7 kg
Filtering surface and level	1180 cm <sup>2</sup> / 60µ
Filtering capacity	5 L
Inlet suction size	24,5 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
R0863500	R0863600	R0863700	R0568100

\* 3 years + 1 year if the cleaner is paired to iAqualink™

# ELECTRIC CLEANERS

## RA 6500 iQ - ALPHA iQ™ PRO



**4 YEAR**  
WARRANTY\*

Sensor  
Nav  
System™

PATENTED  
CYCLONE  
SUCTION

PATENTED  
LIFT SYSTEM®

SWIVEL

iAquaLink  
CONTROL

### ULTRA-EFFICIENCY COMBINED WITH INTELLIGENCE

- + Sensor Nav Sytem™: intelligent and personalised cleaning
- + Ultra-powerful & long lasting suction
- + Effortless removal from water
- + Wi-fi connected : intuitive interface and advanced functionalities in app from everywhere

### REFERENCE PRICE

Standard Model	WR000198
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### ACCESSORIES INCLUDED IN THE PACK

					
Trolley	Control box	Ultra-Fine Filter canister 60µ	Contact + Brushes	Swivel	Free app

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 3h30 with preset cycles: - Quick: floor only 1h15 - Smart: floor / walls / waterline (calculated time) - Ultra: floor / walls / waterline (2h45)
Timer	7-days
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive - 2 motors
Transmission	Gear transmission
Pressure sensor	Yes
Brushes	Yes ( Contact + Brushes)
Lift System	Yes
Transparent window	Yes
Full filter indicator	Yes
Remote control	Remote control mode (with app)
Water temperature measurement	No
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	18m with Swivel
Cleaner size (L x W x h)	43 x 48 x 27 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	10 kg
Packaging weight	19,9 kg
Filtering surface and level	1180 cm² / 60µ
Filtering capacity	5 L
Inlet suction size	24,5 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
R0863500	R0863600	R0863700	R0568100

\* 3 years + 1 year if the cleaner is paired to iAqualink™



# ELECTRIC CLEANERS

## RA 6700 iQ - ALPHA iQ™ PRO



### ULTRA-EFFICIENCY COMBINED WITH INTELLIGENCE

- + Sensor Nav Sytem™: intelligent and personalised cleaning
- + Ultra-powerful & long lasting suction
- + Effortless removal from water
- + Wi-fi connected : intuitive interface and advanced functionalities in app from everywhere

**4 YEAR**  
WARRANTY\*

Sensor  
Nav  
System

PATENTED  
CYCLONE  
SUCTION

PATENTED  
LIFT SYSTEM®

SWIVEL

iAquaLink  
CONTROL

### REFERENCE PRICE

Standard Model

WR000197

### ACCESSORIES INCLUDED IN THE PACK



Trolley



Control box



Ultra-Fine Filter canister 60µ



Contact + Brushes



Swivel



Free app

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 15 x 7 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 3h30 with preset cycles: - Quick: floor only 1h15 - Smart: floor/ walls / waterline (calculated time) - Ultra: floor / walls / waterline (2h45) - Waterline only: 0h45
Timer	7-days
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive - 2 motors
Transmission	Gear transmission
Pressure sensor	Yes
Brushes	Yes ( Contact + Brushes)
Lift System	Yes
Transparent window	Yes
Full filter indicator	Yes
Remote control	Remote control mode ( with app)
Water temperature measurement	Yes (info in app)
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	21m with Swivel
Cleaner size (L x W x h)	43 x 48 x 27 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	10 kg
Packaging weight	20,2 kg
Filtering surface and level	1180 cm² / 60µ
Filtering capacity	5 L
Inlet suction size	24,5 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
R0863500	R0863600	R0863700	R0568100

\* 3 years + 1 year if the cleaner is paired to iAqualink™





**4 YEAR**  
WARRANTY\*

Sensor  
Nav  
System™

PATENTED  
CYCLONE  
SUCTION

DUAL  
FILTRATION

PATENTED  
LIFT SYSTEM™

SWIVEL

iAquaLink  
CONTROL

## ELECTRIC CLEANERS

# RA 6800 iQ - ALPHA iQ™ PRO



### ULTRA-EFFICIENCY COMBINED WITH INTELLIGENCE

- + Sensor Nav Sytem™: intelligent and personalised cleaning
- + Ultra-powerful & long lasting suction
- + Dual-Stage filtration
- + Effortless removal from water
- + Wi-fi connected : intuitive interface and advanced functionalities in app from everywhere

### REFERENCE PRICE

Standard Model

WR000295

### ACCESSORIES INCLUDED IN THE PACK

					
Trolley	Control box	Dual-Stage filter 150 + 60µ (with possibility to use 150µ alone)	Contact + Brushes	Swivel	Free app

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 15 x 7 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 3h30 with preset cycles: - Quick: floor only 1h15 - Smart: floor/ walls / waterline (calculated time) - Ultra: floor / walls / waterline (2h45) - Waterline only: 0h45
Timer	7-days
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive - 2 motors
Transmission	Gear transmission
Pressure sensor	Yes
Brushes	Yes ( Contact + Brushes)
Lift System	Yes
Transparent window	Yes
Full filter indicator	Yes
Remote control	Remote control mode ( with app)
Water temperature measurement	Yes (info in app)
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	21m with Swivel
Cleaner size (L x W x h)	43 x 48 x 27 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	10 kg
Packaging weight	20,5 kg
Filtering surface and level	1827 cm <sup>2</sup> / 150 and 60µ
Filtering capacity	5 L
Inlet suction size	24,5 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Coarse filter 150µ for stand alone or Dual-Stage use	Ultra-fine filter 60µ for Dual-Stage use	Fine filter canister 100µ	Large debris filter canister 200µ	Ultra-fine filter canister 60µ	Protective cover
R0913300	R0913400	R0863600	R0863700	R0863500	R0568100

\* 3 years + 1 year if the cleaner is paired to iAqualink™



## ELECTRIC CLEANERS

# RA 6900 iQ - ALPHA iQ™ PRO



### ULTRA-EFFICIENCY COMBINED WITH INTELLIGENCE

- + Sensor Nav Sytem™: intelligent and personalised cleaning
- + Ultra-powerful & long lasting suction
- + Dual-Stage filtration
- + Effortless removal from water
- + Wi-fi connected : intuitive interface and advanced functionalities in app from everywhere

**4** YEAR  
WARRANTY\*



### REFERENCE PRICE

Standard Model

WR000296

### ACCESSORIES INCLUDED IN THE PACK

					
Trolley	Control box	Dual-Stage filter 150 + 60µ (with possibility to use 150µ alone)	Contact + Brushes	Swivel	Free app

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 20 x 10 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope, diamond shape
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor / walls / waterline
Number / Length of cleaning cycles	Multiple from 0h30 to 6h with preset cycles: - Quick: floor only 1h15 - Smart: floor/ walls / waterline (calculated time) - Ultra: floor / walls / waterline (2h45) - Waterline only: 0h45
Timer	7-days
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive - 2 motors
Transmission	Gear transmission
Pressure sensor	Yes
Brushes	Yes ( Contact + Brushes)
Lift System	Yes
Transparent window	Yes
Full filter indicator	Yes
Remote control	Remote control mode ( with app)
Water temperature measurement	Yes (info in app)
Safety	Deck system, out of water safety, diagnostic, electronic motor protector
Filtration system / access	Rigid Filter canister with access over the cleaner
Units / pallet	16

### TECHNICAL SPECIFICATIONS

Number of motors	3
Control box supply	200-240 VAC ; 50 / 60 Hz
Power supply	30 VDC
Operating power	150 W
Cable length / Hose length	25m with Swivel
Cleaner size (L x W x h)	43 x 48 x 27 cm
Packaging size (L x W x h)	56 x 56 x 46 cm
Cleaner weight	10 kg
Packaging weight	20,9 kg
Filtering surface and level	1827 cm <sup>2</sup> / 150 and 60µ
Filtering capacity	5 L
Inlet suction size	24,5 cm

### OPTIONAL ACCESSORIES (NOT INCLUDED)

Coarse filter 150µ for stand alone or Dual-Stage use	Ultra-fine filter 60µ for Dual-Stage use	Fine filter canister 100µ	Large debris filter canister 200µ	Ultra-fine filter canister 60µ	Protective cover
R0913300	R0913400	R0863600	R0863700	R0863500	R0568100

\* 3 years + 1 year if the cleaner is paired to iAquaLink™

# DIAGNOSTIC TOOLS

## DIAG BOX

- + Simple system with display for off-line use (without a PC)
- + Possible out-of-water testing in off-line mode
- + Can be connected to a PC for full diagnostic check
- + Multiple light panel provided with colour coding for all products

### WHICH PRODUCTS?

All Vortex™ products (including Vortex™1) All Tornax™  
All CyclonX™ products  
Lazernaut NT, Cybernaut™ NT (2010 ONWARDS)

### TESTED ELEMENTS?

In off-line mode: box/motor block/cable/remote control

Voyager/XA Type/CNX, Alpha iQ platforms cannot be diagnose with the Diag Box.

The diagnostic must be performed with its own control box (by entering in Diagnostic mode. See details in the technical procedure or with an Alpha iQ control box which diag Alpha iQ & Voyager/XA Type/CNX models too).



### PRODUCT REFERENCE

Product reference: R0685300

Robot type	Elements to be tested	Type of cable to be connected
CyclonX™	Robot	GREY adapter
	Control unit	BLUE adapter
Vortex™ TornaX	Motor block	BROWN adapter
	Robot	Robot floating cable
Vortex™1	Control unit	GREEN adapter
	Robot	RED adapter
Lazernaut, Cybernaut™ NT (>2010)	Robot (via robot control unit)	YELLOW adapter



## DIAG CABLE MOTOR BLOCK FOR SELF-DIAGNOSABLE PLATFORMS

### WHICH PRODUCTS?

Brown adapter (identical to the one supplied in the Diag box) to diagnose the motor block of models of Alpha iQ™ range by connecting the motor **directly to the control box of the cleaner.**



### PRODUCT REFERENCE

Product reference: R0616900

### WHICH PRODUCTS?

White adaptator (identical to the one supplied in the Diag box) to diagnose the motor block of models of Voyager/XA Type/CNX ranges by connecting the motor directly to the control box of the cleaner

### PRODUCT REFERENCE

Product reference: R0616900

# HYDRAULIC CLEANERS

A simple and affordable solution

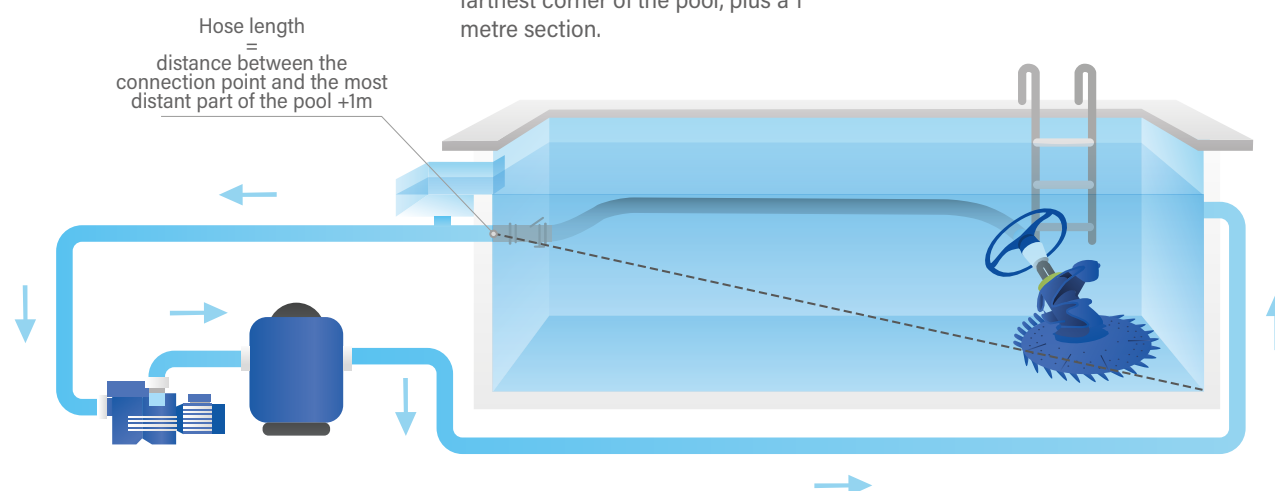
## COMPARATIVE TABLE OF RANGES

	T3®	T5® Duo	MX6®	MX9®
				
Pool Dimension max.	9 x 5 m	12 x 6 m	10 x 5 m	12 x 6 m
Number of pipes 1 m - Twist Lock pipe	10	12	10	12
Motion	Diaphragm	Diaphragm	Mechanical	Mechanical
Suction	-	-	1 turbine	2 turbines with brushes
<b>Pool floors</b>				
Rectangular	•	•	•	•
Oval	•	•	•	•
Round	•	•	•	•
Free shape	•	•	•	•
Floor only	•			
Floor and walls		•	•	•
Flat	•	•	•	•
Gentle slope	•	•	•	•
Composit slope		•	•	•
Diamond shape				•
Minimum power required from the filtration pump	1/2 HP	3/4HP	3/4 HP*	3/4 HP*
Warranty	2 years	2 years	2 years	2 years

\* 1 HP needed for tile pools

## STANDARD INSTALLATION

- The suction cleaner is connected directly to the vacuum point or skimmer. No electrical connection required.
- The ideal hose length for the pool equals the greatest distance that the cleaner can cover in the pool from the connection point (skimmer) to the farthest corner of the pool, plus a 1 metre section.
- For optimal installation, perform a flow test and adjust the flow rate using an adjusting valve.



## HYDRAULIC CLEANERS

# T3™



- + DiaCyclone Diaphragm: even more powerful suction
- + Finned disc: optimum mobility of the cleaner

**2** YEAR  
WARRANTY



ALL TYPE OF  
LININGS

### REFERENCE PRICE

Standard Model

W70674

### ACCESSORIES INCLUDED IN THE PACK



Twist Lock Hoses



Wheel deflector



Flow gauge



Flowkeeper valve (skimmer)

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 9 x 5 m
Pool shapes	Rectangular, oval
All Floors	Flat, gentle slope
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor
Cleaning cycles	Recommended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Filtration system / access	Suction line or skimmer
Suction	DiaCyclone Diaphragm
Debris collection	Fine and medium
Units / pallet	27

### TECHNICAL SPECIFICATIONS

Cable length / Hose length	10 sections of 1 m
Cleaner size (L x W x h)	41 x 36 x 28 cm
Packaging size (L x W x h)	102,8 x 41,5 x 22,4 cm
Cleaner weight	1,2 kg
Packaging weight	6,8 kg
Filtering surface and level	Pool filtering circuit
Inlet suction size	30 cm
Displacement speed	6,5 m/min
Minimum required filter pump power	1/2 HP

### OPTIONAL ACCESSORIES (NOT INCLUDED)

6 section of 1m Twist Lock hoses

W78055



## HYDRAULIC CLEANERS

# T5™ Duo



- + DiaCyclone Diaphragm: even more powerful suction
- + Flexible Duo Traction Control disc in 2 parts: optimum grip

### REFERENCE PRICE

Standard Model

W78046

**2 YEAR**  
WARRANTY



### ACCESSORIES INCLUDED IN THE PACK



Twist Lock Hoses



Wheel deflector



Flow gauge



Flowkeeper valve (skimmer)

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor and walls
Cleaning cycles	Recommended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Filtration system / access	Suction line or skimmer
Suction	DiaCyclone Diaphragm
Debris collection	Fine and medium
Units / pallet	24

### OPTIONAL ACCESSORIES (NOT INCLUDED)

6 section of 1m Twist Lock hoses	Cyclonic™ Leaf Catcher
W78055	W37110

### TECHNICAL SPECIFICATIONS

Cable length / Hose length	12 sections of 1 m
Cleaner size (L x W x h)	44 x 43 x 22 cm
Packaging size (L x W x h)	99 x 45,5 x 29,5 cm
Cleaner weight	1,4 kg
Packaging weight	8,4 kg
Filtering surface and level	Pool filtering circuit
Inlet suction size	44 cm
Displacement speed	6 m/min
Minimum required filter pump power	3/4 HP

## HYDRAULIC CLEANERS

# MX6™



- + Pre-programmed X-Drive navigation system : methodical cleaning of all areas
- + Turbo aspiration: a powerful turbine and one peripheral propeller
- + Traction using notched tracks: for perfect stability and total movement
- + Equipped with a flow regulator valve: automatically controls excess flow through cleaner for best performance and longevity



### REFERENCE PRICE

Standard Model

W79102

### ACCESSORIES INCLUDED IN THE PACK



Twist Lock Hoses



In-ground valve cuff



45° Elbow extended



45° Elbow



Flow Regulator Valve (cleaner)



Flowkeeper valve (skimmer)

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 10 x 5 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor and walls
Cleaning cycles	Recommended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Filtration system / access	Suction line or skimmer
Suction	Mechanical suction : turbine
Debris collection	Fine and medium
Units / pallet	30

### TECHNICAL SPECIFICATIONS

Cable length / Hose length	10 sections of 1 m
Cleaner size (L x W x h)	31 x 19 x 22 cm
Packaging size (L x W x h)	102 x 23 x 37 cm
Cleaner weight	2,5 kg
Packaging weight	8,2 kg
Filtering surface and level	Pool filtering circuit
Inlet suction size	25 cm
Displacement speed	8 m/min
Minimum required filter pump power	3/4 HP (1 HP for Tile pools)

### OPTIONAL ACCESSORIES (NOT INCLUDED)

6 section of 1m Twist Lock hoses	Cyclonic™ Leaf Catcher
W78055	W37110

## HYDRAULIC CLEANERS

# MX9™



- + Pre-programmed X-Drive navigation system : methodical cleaning of all areas
- + Turbo aspiration: a powerful turbine and two peripheral propellers with brushes
- + Exclusive cleaning mode thanks to scrubbing brushes
- + Traction using notched tracks: for perfect stability and total movement
- + Twist Lock Hoses : easy and safe connection



### REFERENCE PRICE

Standard Model

WS000033

### ACCESSORIES INCLUDED IN THE PACK

						
Cyclonic scrubbing brushes	Twist Lock Hoses	In-ground valve cuff	45° Elbow extended	45° Elbow	Flow Regulator Valve (cleaner)	Flowkeeper valve (skimmer)

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools and above-ground pools with rigid walls, maximum 12 x 6 m
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

Cleaning areas	Floor and walls
Cleaning cycles	Recommended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Filtration system / access	Suction line or skimmer
Suction	Mechanical suction : turbine
Debris collection	Fine and medium
Units / pallet	30

### TECHNICAL SPECIFICATIONS

Cable length / Hose length	12 sections of 1 m
Cleaner size (L x W x h)	41 x 19 x 22 cm
Packaging size (L x W x h)	102 x 23 x 37 cm
Cleaner weight	3,2 kg
Packaging weight	9,5 kg
Filtering surface and level	Pool filtering circuit
Inlet suction size	36cm
Displacement speed	8 m/min
Minimum required filter pump power	3/4 HP (1 HP for Tile pools)

### OPTIONAL ACCESSORIES (NOT INCLUDED)

6 section of 1m Twist Lock hoses	Cyclonic™ Leaf Catcher
W78055	W37110

## HYDRAULIC CLEANERS

# Cyclonic™ Leaf Catcher



- + Cyclone suction system: constant suction and dirt remains in suspension
- + no pressure on the pump
- + Large, transparent, easy-to-empty filter basket
- + Fits all hose types

**2** YEAR  
WARRANTY

### REFERENCE PRICE

Standard Model

W37110

### ACCESSORIES INCLUDED IN THE PACK



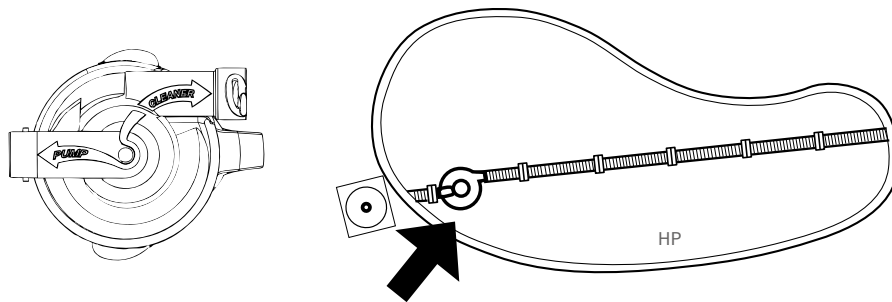
Standard hose and Twist Lock hose adaptors

### DESCRIPTION

Filtration system / access	Suction line or skimmer
Debris collection	All debris

### TECHNICAL SPECIFICATIONS

Cleaner size (L x W x h)	23 x 19 x 28 cm
Packaging size (L x W x h)	24 x 20 x 29 cm
Cleaner weight	1 kg
Packaging weight	1,3 kg



Install at the first hose connection closest to skimmer/or suction line.  
Ensure correct orientation using guides (Pump/Cleaner) on Leaf Catcher lid.

## HYDRAULIC CLEANERS

# Spa Wand



- + Targeted cleaning of small volumes : spa, steps...
- + Efficient and easy to use handheld brush and no connection required
- + Debris are collected in a separate stainless steel filter



**2 YEAR**  
WARRANTY



### REFERENCE PRICE

Standard Model

W9320018

### ACCESSORIES INCLUDED IN THE PACK



Steel filter



2 sweeping nozzles



Wall bracket

### FOR WHICH TYPE OF POOLS?

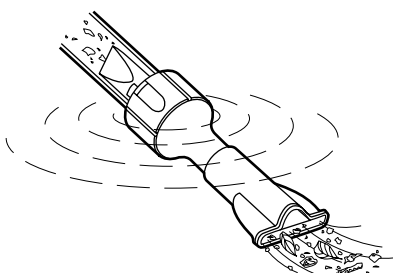
Types of pools	Private above ground and above-ground pools with rigid walls, spas, steps, overflow gutters, integrated filtering blocks
Pool shapes	Rectangular, oval, free shape
All Floors	Flat, gentle slope, composite slope
Pool surfaces	Tiles, liner, polyester hull, reinforced PVC, painted concrete

### DESCRIPTION

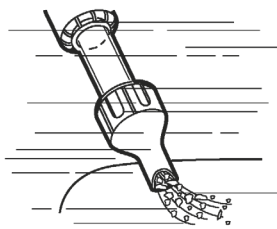
Power supply	Manual brush
Filtration system / access	Suction line or skimmer
Debris collection	Dust, insects, gravel, leaves, ...

### TECHNICAL SPECIFICATIONS

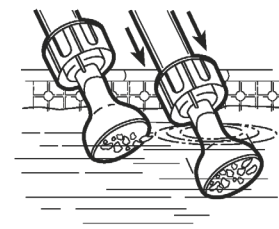
Cleaner size (L x W x h)	7 x 7 x 144 cm
Packaging size (L x W x h)	8 x 9 x 146 cm
Cleaner weight	1,2 kg
Packaging weight	1,7 kg



Wide sweeping nozzle: specially designed for surface floating debris or suspended debris.



Double function nozzle: specially designed for debris at the bottom and corners.



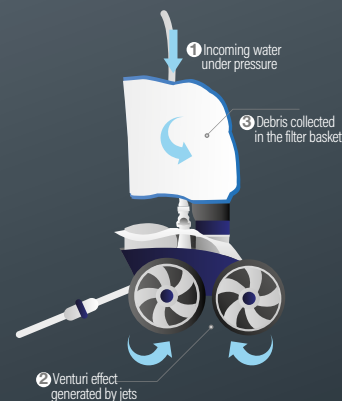




## The high pressure cleaner

The cleaner sucks in debris using a physical principle called '**Venturi effect**', which is produced inside the machine and **converts the incoming water into a powerful suction current**.

This characteristic provides maximum efficiency in the minimum time.



### EQUIPMENT NEEDED

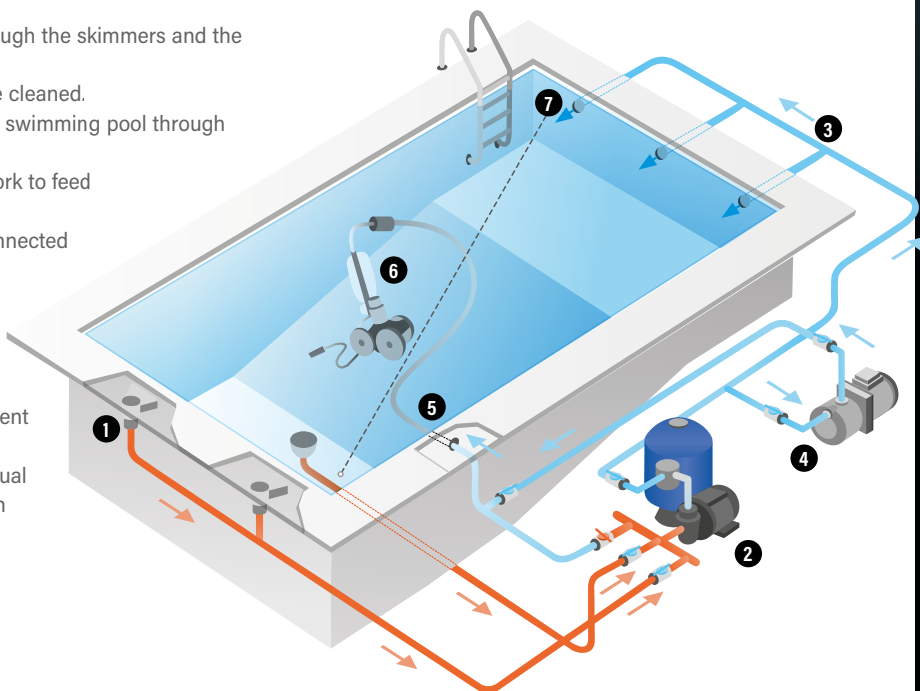
- The pipes of the vacuum point must be made of RIGID 16 bar PVC and not flexible material
- Booster, minimum 1 HP coupled to filtration

**For optimum operation, advise your customers to equip their pools with an electrical programming box and a Polaris® booster. This guarantees complete compatibility and ideal suction power.**

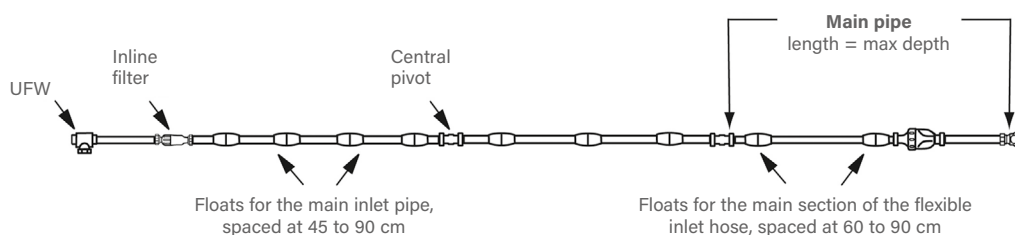
- Minimum operating pressure 1.8 bar

### STANDARD INSTALLATION

- 1 Water is sucked by the pump through the skimmers and the floor drain.
- 2 The water is sent to the filter to be cleaned.
- 3 The water is returned clean to the swimming pool through the return discharges.
- 4 A detour is created on this pipework to feed the booster.
- 5 Polaris® pressure cleaners are connected to the vacuum point converted into return discharge.
- 6 The Venturi effect generated by the jets converts the incoming water into a powerful suction current and enables the cleaner to move.
- 7 The length of the pipe must be equal to the distance between the return pipe (5) and the furthest point (7).



### INSTALLATION OF THE PIPE





## PRESSURE CLEANER

# Polaris 280

- + 2 jets, ultra-powerful suction
- + Wide suction aperture
- + Automatic back-up valve, anti-jamming.

**2 YEAR**  
WARRANTY



### REFERENCE PRICE

Standard Model

W7220000

### ACCESSORIES INCLUDED IN THE PACK



standard sand/silt bag



Back-up valve

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools
Pool shapes	All shapes
All Floors	Flat bottom, gentle slope, composed slope, diving pit, diamond point
Pool surfaces	Liner

### DESCRIPTION

System type	Pressure cleaner
Steering	Random and automatic reverse
Power supply	Booster pump coupled to filtering
Suction	2 jets Venturi system
Debris collection	Filter bag + sweep hose scrubber

### TECHNICAL SPECIFICATIONS

Required equipment*	1 HP booster pump
Operating pressure	2,2 bars
Specific brush socket line	Fixed hose 16 bars
Speed	15 m / min
Suction size	7 cm
Hose length	9,60 m
Weight	3,2 kg
Units / pallet	36

### OPTIONAL ACCESSORIES (NOT INCLUDED)

	Disposable bags (EZ Bag) (packs of 6)	Standard silt bag	Leaf bag	Ultra fine bag
Ref. Polaris	K-52	K-13	K-15	K-14
Ref. Zodiac	W7230114	W7230102	W7230104	W7230103

\*Depending on the distance to the technical room



## PRESSURE CLEANER

# **Polaris** 3900 SPORT

- + 3 jets, ultra-powerful suction
- + 3 wheel drive fitted with wide tyres
- + Automatic back-up valve, anti-jamming
- + Stainless steel chain, highly reliable gear system.

**2 YEAR**  
WARRANTY







### REFERENCE PRICE

Standard Model

W7620000

### ACCESSORIES INCLUDED IN THE PACK

			
Double capacity filter bag	Ultra-fine filter bag	Back-up valve	Tail Sweep Pro

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools
Pool shapes	All shapes
All Floors	Flat bottom, gentle slope, composed slope, diving pit, diamond point
Pool surfaces	Liner

### DESCRIPTION

System type	Pressure cleaner
Steering	Random and automatic reverse
Power supply	Booster pump coupled to filtering
Suction	3 jets Venturi system
Debris collection	Filter bag + sweep hose scrubber

### TECHNICAL SPECIFICATIONS

Required equipment*	1 HP booster pump, 1.5 HP booster pump and greater **
Operating pressure	2,2 to 2,6 bars max
Specific brush socket line	Fixed hose 16 bars
Speed	20 m / min
Suction size	6 cm
Hose length	9,60 m
Weight	3,5 kg
Units / pallet	16

### OPTIONAL ACCESSORIES (NOT INCLUDED)

	Disposable bags (EZ Bag) (packs of 6)	Standard, double capacity silt bag	Standard silt bag	Leaf bag	Ultra fine bag
Ref. Polaris	K-52	39-310	K-23	K-15	K-18
Ref. Zodiac	W7230114	W7610000	W7230111	W7230104	W7230109

\*Depending on the distance to the technical room

\*\*For a technical room at a distance of more than 15 m. For a perfect use of your pressure cleaner, we recommend to use it with a 1.5 HP booster pump and greater

## > DEBRIS DOESN'T STAND A CHANCE



### Large capacity and easy-clean debris canister

Can easily be removed and cleaned without touching the debris with a simple jet of water.

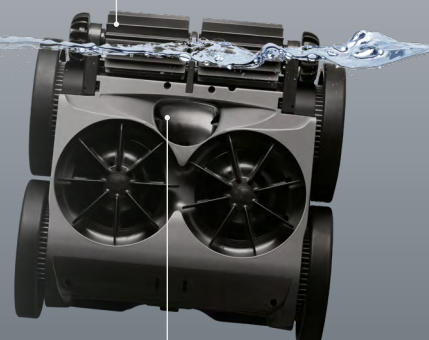


### Double filtration

Collects both large and fine debris.

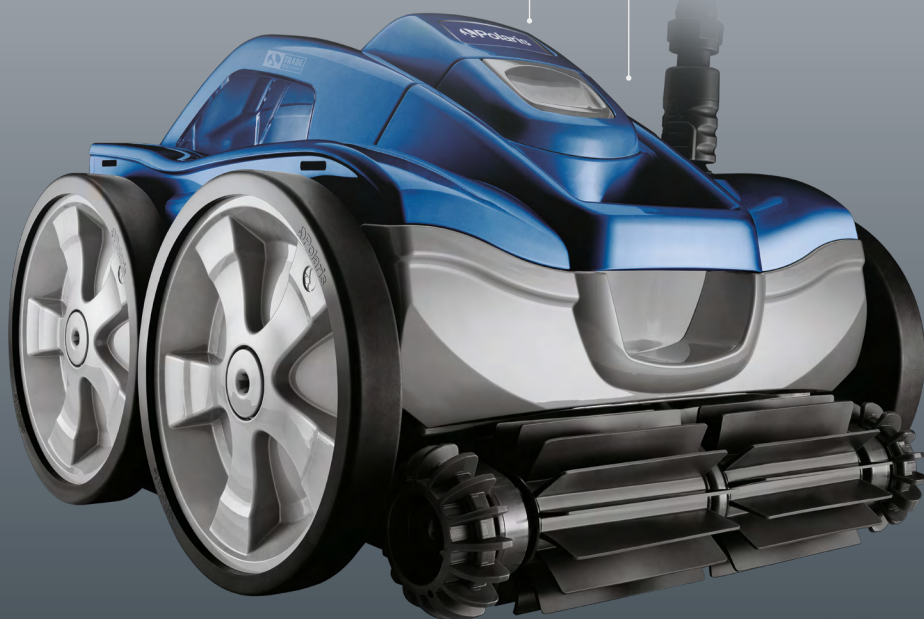
### Active brushing

Removes debris, even stuck-on debris.



### Extra-large debris intake & superior vacuum power

Easily sucks up all types of debris, even the largest.



### Monte aux parois

Ses 4 roues motrices lui confèrent une grande agilité pour nettoyer le fond mais aussi les parois.



### Multi-directional navigation

Delivers quick and efficient coverage of the entire pool.

Powered with a booster bump



**2 YEAR**  
WARRANTY



## PRESSURE CLEANER

# QUATTRO™ SPORT

- + 3 jets, ultra-powerful suction
- + Large debris intake
- + Multi-directional navigation
- + Dual-stage filtration

### REFERENCE PRICE

Standard Model

WE000028

### ACCESSORIES INCLUDED IN THE PACK



Dual stage filter canister 3.5L

### FOR WHICH TYPE OF POOLS?

Types of pools	Private in-ground pools
Pool shapes	All shapes
All Floors	Flat bottom, gentle slope, composed slope, diving pit, diamond point
Pool surfaces	Liner, polyester hull, reinforced PVC, painted concrete*

### DESCRIPTION

System type	Pressure cleaner
Steering	Random and multi-directional
Power supply	Booster pump coupled to filtering
Suction	3 jets Venturi system
Debris collection	Rigid dual canister / access over the cleaner

### TECHNICAL SPECIFICATIONS

Required equipment*	1 HP booster pump, 1.5 HP booster pump and greater **
Operating pressure	2,2 bars
Specific brush socket line	Fixed hose 16 bars
Speed	16 m / min
Suction size	7 cm
Hose length	9,60 m
Weight	6.8 kg
Units / pallet	20

### OPTIONAL ACCESSORIES (NOT INCLUDED)

	All-purpose filter canister	Fine filter canister
Ref. Polaris	-	-
Ref. Zodiac	R0836300	R0836400

\* For better grip of your cleaner on slippery surfaces, replace the 2 original rear tires with Positrax tires  
 \*\* For a technical room at a distance of more than 15 m. For a perfect use of your pressure cleaner, we recommend to use it with a 1.5 HP



# PRESSURE CLEANER

## TailSweep PRO



- + Optimized removal of debris in the pool
- + Reduced water spraying around the pool
- + Easy to install at the end of the flexible hose of Polaris® robot cleaners
- + Suitable for all models of Polaris® pressure cleaners

**2** YEAR  
WARRANTY



	18 units Display	Case of 12 units
REFERENCE PRICE		
Standard Model	W7220031	W7220032

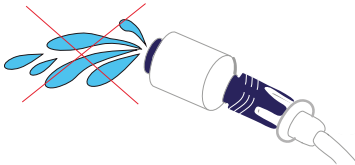


### ACCESSORIES INCLUDED IN THE PACK

Foam brush	Tail sweep

### TECHNICAL SPECIFICATIONS

Dimensions of the accessory (L x D x h)	10 x 5 x 5 cm
Packaging dimensions (L x D x h)	11 x 5 x 5 cm
Weight of the accessory	21 g
Packaged weight	39 g

### GENERAL SPECIFICATIONS

Installation	By the user, on the end of the flexible hose of the pressure cleaner
<div></div> <div><p>In the water :</p><p>The Trail Sweep Pro® side inlets are used to suck in the water which is re-injected by Venturi effect into the diffuser :</p><ul style="list-style-type: none"><li>• Increased flow rate</li><li>• Optimised removal of debris</li></ul></div> <div><div><p>Side inlets for water suction or air suction</p></div><div><p>Diffuser for water dispersion</p></div><div><p>Out of the water :</p><p>As soon as these inlets emerge from the water, the air which is sucked in cuts the injection of water to avoid water being sprayed outside the pool.</p></div></div>	

PRESSURE CLEANER



## **Polaris** Booster Pump & Control box

- + All water treatment adapted (sea water, chlorine water, demineralized water...)
- + Distance from the pool up to 20 meters
- + Connection kit "Quick Connect" included in the BPK pack



	Booster pump without connexion kit	Booster pump with connexion kit
REFERENCE PRICE		
Standard Model	BP / W4530247	BPK / W4530248

GENERAL	
Power	1 CV single phase
Type	Multicellular
Body and turbine	Noryl®
Composition	Pump + Kit Quick Connect (BPK)
Weight	11 kg
Guarantee	2 ans

TECHNICAL SPECIFICATIONS	
Supply voltage	220-240 V
Consumption	0,75 kW
Turbine shaft	Inox AISI 420
RPM	2800 rpm
Bust of AMP	5,3 A
Protection index	Watertightness IP-55

- + Ideal to be combined with Polaris Cleaners
- + Easy to program
- + Magnetic-thermal breaker to protect the system



	Electric box
REFERENCE PRICE	
Standard Model	045550POLARIS

GENERAL	
Size	L. 220 x l. 200 x H. 200 mm
Weight	1 kg
Guarantee	2 ans

TECHNICAL SPECIFICATIONS	
Electrical supply	1 ph 230 V / 50 Hz
Circuit breaker	4 to 6,3 A
Switch main power	Auto / stop / manual
Protection index	Watertightness IP-65
Installation	30 mA



# POOL SURROUND EQUIPMENT & LIGHTING



**ZODIAC®**

POWERFALL WATER BLADES P.108

NL NICHELESS LED LIGHTS P.110  
• NL p.111

# POWERFALL WATER BLADES

## A water feature with soothing qualities

Water features and massage jets are now valued for both their relaxing and their aesthetic qualities. Compatible with all types of pool, **PowerFall water falls enhance the swimming pool and provide calm and well-being.**

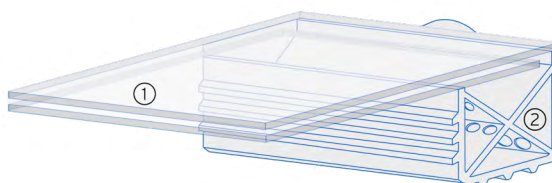
### > A TOP-OF-THE-RANGE TOUCH TO CUSTOMISE THE POOL

- The Zodiac® PowerFall water fall is available in 4 widths to customise the pool, based on the size of the pool.
- **Simple to install when constructing the pool**, the water fall draws its supply directly from the return circuit from the filtration system and creates **a harmonious and soothing sound.**



#### DID YOU KNOW?

As the first water fall 100% made of ABS plastic, Zodiac® PowerFall stands out for its high quality and unalterable manufacturing (corrosion free). Thanks to its patented X-Baffle® internal structure (item #2), the water fall is always constant and homogeneous whatever water flow is. PowerFall lip is made of translucent plastic (item # 1). Thus, they harmonize perfectly with the design of the pool whatever the color of the pool surface.



X-Baffle® system



## DESIGN

# PowerFall



- + Durable: 100% ABS plastic
- + X-Baffle system: consistent water flow
- + Aesthetic and qualitative improvement for pools

**3** YEAR  
WARRANTY



### OPTIONAL ACCESSORIES

PVC Adapter M/F 1.5"/50mm	PVC Adapter F/F 1.5"/1.5"
W8620110	W8620111

### PRODUCT REFERENCES

PowerFall	1' (30 cm)	18' (46 cm)	2' (61 cm)	3' (91 cm)
Standard Model	WB000011	WB000008	WB000009	WB000010

### OPTIMAL WATER FLOW FOR EACH ZODIAC® WATER FALL\*

PowerFall	1' (30 cm)	18' (46 cm)	2' (61 cm)	3' (91 cm)
Projection at 15 cm from the wall		5.5 m <sup>3</sup> /h		
Projection at 30 cm from the wall		7.0 m <sup>3</sup> /h		
Projection at 45 cm from the wall		11.5 m <sup>3</sup> /h		
Projection at 60 cm from the wall		15.0 m <sup>3</sup> /h		

\* Required flow rate for the water fall projection from the pool wall at 1 m height.

### PIPE SIZE MUST BE CORRECTLY CHOSEN ACCORDING TO FLOW RATE

PowerFall	1' (30 cm)	18' (46 cm)	2' (61 cm)	3' (91 cm)
< 16 m <sup>3</sup> / hour		50 mm		
≥ 16 m <sup>3</sup> / hour		63 mm		

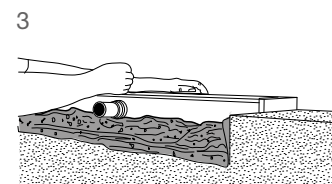
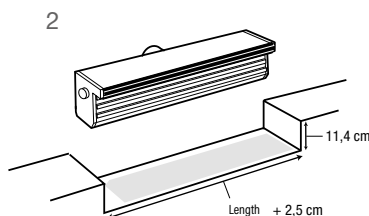
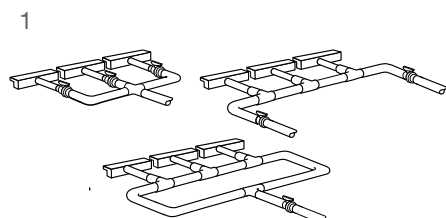
### POWER / FLOW EQUIVALENCES REMINDER

PowerFall	1' (30 cm)	18' (46 cm)	2' (61 cm)	3' (91 cm)
3/4 CV		13 m <sup>3</sup> /h		
1 CV		16 m <sup>3</sup> /h		
1,5 CV		22 m <sup>3</sup> /h		
2 CV		30 m <sup>3</sup> /h		

### INSTALLATION

Important: the water fall must not be installed at more than 1.2 m from the water level.

- 1 - Place a separate valve on each cascade. If the cascades are the same size and installed at the same height, construct a loop to balance water flow to all units.



- 2 - Prepare the notch where the water fall will be installed: For PowerFall cascades, make a notch in the bond beam about 11 cm deep and 2.5 cm longer than the cascade.
- 3 - Water fall placement: Create a bed of mortar in the notch to reinforce the base. Place the water fall in the mortar and ensure it is level.



# NL NICHELESS LED LIGHTS

## EASY-TO-INSTALL, ECO-FRIENDLY LIGHTING

Pool lighting is an essential asset for enhancing your pool.

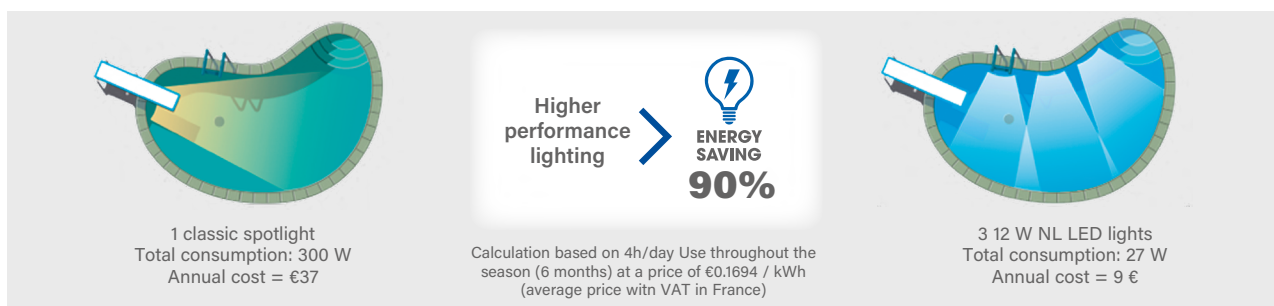
**Zodiac® NL LED lights** enable you to achieve this and they are both **energy saving** and **easy to install**.

They are installed during the construction stage and enhance all pool types, **using innovative, obstruction-free technology**.

### > LED LIGHTING: AN ENERGY-SAVING INNOVATION

**Energy efficient:** powerful lighting with an **energy saving of up to 90%** (compared to incandescent or halogen spotlights).

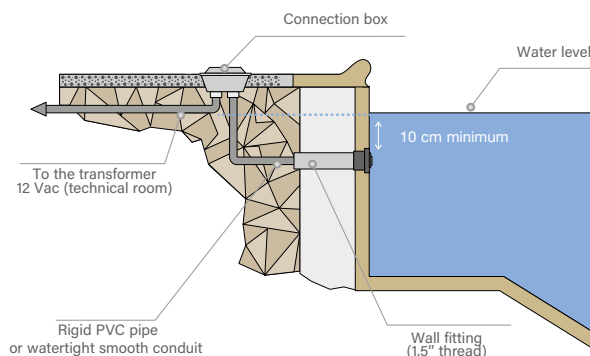
**Long lasting:** they last up to **10 times longer** than traditional incandescent light bulbs.



### > "NICHELESS" INSTALLATION: INSTALLED ANYWHERE, QUICKLY AND EASILY!

**Quickly & easily:** With Zodiac® NL LED lights, there's no need to build a niche, they slot directly into a standard 1.5" wall fitting and are compatible with all pool surfaces (liner/PVC, concrete, polyester, etc.).

**Compact:** They integrate perfectly into the pool, adding to its aesthetic appeal and are compatible with all pool cleaners (no obstructions jutting out from the wall).



### > COMPACT AND POWERFULL LIGHTS: CUSTOMISABLE AMBIANCE LIGHTING!

Freedom and creativity: NL LED lights offer a **wide range of set colors and ambiance lighting** thanks to their RGBW technology.

#### SET COLORS

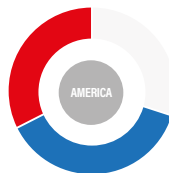
- ALPINE WHITE
- SKY BLUE
- COBALT BLUE
- CARIBBEAN BLUE
- SPRING GREEN
- EMERALD GREEN
- EMERALD ROSE
- MAGENTA
- VIOLET



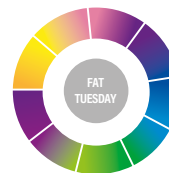
A sophisticated and relaxing atmosphere



An electric atmosphere with over 1,500 constantly changing colors



A star-shaped light show in red, white and blue



A carnival atmosphere with a 32-color display



A night brought to life by hundreds of colors



**Simple to use:** 100% compatible with Zodiac® AquaLink® Tri automation and eXO® iQ smart salt water chlorinators (LS and standard versions) and Hydroxinator® iQ, NL LED lights can be controlled from your smartphone via the iAquaLink™ app.

#### DID YOU KNOW?

#### WITH RGBW LED, THERE'S NO NEED TO CHOOSE BETWEEN WHITE AND COLOR!

Zodiac® NL LED lights are innovative, using RGBW technology (Red-Green-Blue-White) to add white to all 3 primary colors. This enables you to generate an infinite color pallet, with a more natural shade, or pure white lighting.





## DESIGN

# NL



- + Perfect integration for an enhanced pool
- + Powerfull Led lighting
- + Guaranteed energy savings

### ACCESSORIES INCLUDED IN THE PACK



Installation tool



White & grey cosmetic rings

**3** YEAR  
WARRANTY



TECHNOLOGY  
**RGBW**

**iAquaLink**  
COMPATIBLE

### ASSOCIATED PRODUCTS

Hydroxinator® iQ

WW000172/173/174/175

eXO® iQ

WW000162/163/164/165/170/171

### PRODUCT REFERENCES

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Standard Model	WT000233	WT000234	WT000235	WT000236	WT000237	WT000238

### DESCRIPTION

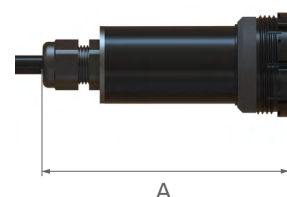
NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Installation Compatibility	Pool outlet with 1,5" internal thread and whitout internal reduction ("suction cleaner" outlet type)					
Led Type	RGBW : color + white			Bright white		
Operating Mode(s)	9 fixed colors & 5 multicolor lighting ambiances			1 fixed color : white		
Color Choice*	Manual (on/off sequences) Remote control using iAquaLink™ smartphone app					
Use	Fresh water and salt water up to 6 g/L (6000 ppm)					

### TECHNICAL SPECIFICATIONS

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
Power	6 W	12 W	24 W	6 W	12 W	24 W
Max amperage (A)	0.52	0.92	1.25	0.62	1.09	1.84
Illuminated surface (m²)**	160	340	505	390	725	1180
Luminous flux (Lumen)	12 to 15	15 to 20	20 to 24	12 to 15	15 to 20	20 to 24
Led lifespan ***	10 000 h					
Protection rating	IP 68					
Power supply	12 VAC - 50/60 Hz					
Cable lenght	3 m					

### DIMENSIONS AND WEIGHT

NL	6RGBW	12RGBW	24RGBW	6BW	12BW	24BW
External diameter (lens)	49.6 mm					
Light body diameter	36.7 mm					
Length A (without cable)	118 mm	143 mm	118 mm	143 mm		
Poids (with cable)	500 g	520 g	500 g	520 g		



\* : Needs eXO® iQ salt water chlorinator or automation Zodiac pool automation system.

\*\* For a light colored pool finish. Reduce illuminated surface by roughly 20% for dark pool finishes.

\*\*\* : Theoretical lifespan in hours, for information only.





# DEHUMIDIFICATION



**ZODIAC®**

## INTRODUCTION

▪ Hygro Control	p.117
▪ DT 850 E	p.118
▪ SIROCCO <sup>2</sup>	p.120
▪ DF Through-the-wall	p.122
▪ DF ducted 403 - 408	p.124
▪ DF ducted 410 - 412	p.126
▪ CAE	p.128
▪ OMEGA	p.132
▪ ENERGY Fan	p.136
▪ CANAL FAST Fan	p.137
▪ Floor Slot Diffusers	p.138
▪ Ventilation accessories	p.140



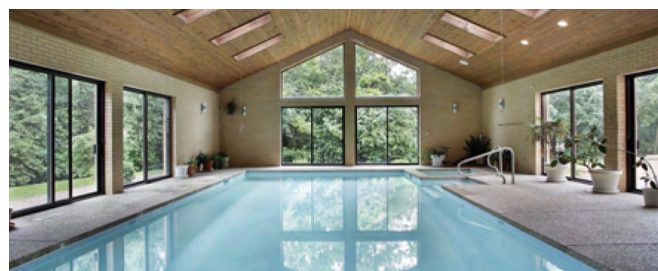
# DEHUMIDIFICATION

## > THE RIGHT DEHUMIDIFIER FOR EVERY POOL

A room or veranda sheltering a pool is a place where **the relative humidity in the air is high**. Water vapour trapped inside condenses on the cold walls, forming water droplets and condensation, while the air is progressively saturated with humidity. There are many consequences of these phenomena: **appearance of mould, peeling, rusting, etc.** To ensure the comfort of bathers and long life of an indoor pool, **it is essential to install a dehumidifier.**

### > SWIMMING POOLS IN CONSERVATORIES

Given the large area of glazed surfaces in a conservatory, it is strongly recommended to install a dehumidifier system with a system of ducts fitted around the room.



### > COVERED POOLS

- **For use from March to November:** a simple dehumidifier, free-standing or fitted, combined with a cover can ensure a comfortable atmosphere. The ambient air can be heated as necessary, but it is generally the sun's rays that increase the air temperature.
- **For use throughout the year:** only a gas or oil boiler, accompanied by a dehumidifier unit with a hot water coil installed in a room close to the shelter, can keep bathers comfortable throughout the year.

### > SPAS

In a room housing a private pool, there is very often a spa, either integrated or independent of the pool. In this case, the quantity of water evaporated by the spa must be added to that evaporated by the pool and fit the appropriate equipment.



### > PROFESSIONAL SWIMMING POOLS

The greater use and higher water temperature of this type of pool causes a much greater level of evaporation. Calculating evaporation here requires complete understanding of the parameters and equipment to conduct a thermal audit.

**Important:** it is essential to ensure replacement of fresh air at a minimum of 22 m<sup>3</sup>/hr per person.

## 3 CRITERIA TO BE MET FOR OPTIMUM COMFORT:

1. **Water temperature:** from 26°C to 30°C, or higher for medical or professional uses.
2. **Air temperature:** from 26°C to 30°C, often set to the same value as the water temperature.
3. **Relative humidity:** between 60% and 70%. Below 60%, it feels too cool when getting out of the water. Above 70%, it feels too muggy and condensation forms in the room.



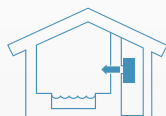
## > 3 TYPES OF DEHUMIDIFYING SYSTEMS

Zodiac® offers a wide range of solutions, split into three categories: **free-discharge, through-the-wall and ducted units.**

All these systems operate on the principle of the heat pump: drawing in warm, moist air and blowing out warmer, dry air.



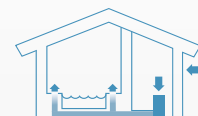
Free-discharge systems



Through-the-wall systems



Ducted systems



Ducted systems with air renewal

### > FREE-DISCHARGE UNITS

These monoblock DT or Sirocco<sup>2</sup> systems are **designed for small volumes and require no ducting.** The units can be placed **in the room housing the pool**, more than 2 metres from the pool.

This free-discharge solution is the **simplest and most economical** for maintaining the relative humidity at a comfortable 65% level in the room. However, it is not effective in dealing with condensation on the windows.



DT 850 E



SIROCCO<sup>2</sup> FREE-DISCHARGE



Through-the-wall DF

### > THROUGH-THE-WALL

These Sirocco<sup>2</sup> or DF monoblock systems are installed **in an adjacent plant room through the walls.** Only an inlet grille and an outlet grille are visible in the pool room.

This simple solution allows the **dehumidifier to be installed outside the pool hall (plant room adjacent to the pool)** but does not deal effectively with condensation on the windows.

### > DUCTED MODELS

A ducted system (DF or unit) is the only solution for **dealing effectively with condensation on the windows**, because it is possible to fit outlet grilles along the glazed walls.

Only these grilles are visible in the pool room while the equipment itself can be installed **in the nearby plant room.**



Ducted DF



Ducted CAE



Ducted OMEGA

### > DUCTED MODELS WITH AIR RENEWAL

These ducted units, marketed under the SET brand, **also manage air renewal in the pool** (and any surrounding spaces) and heating in the pool room with no need for additional equipment. Introducing fresh air from outside, with or without static energy **means you save energy.** This solution is designed for all pools with large glazed areas and for professional swimming pools.

**This solution is designed for all pools with large glazed areas** and for professional swimming pools.



We offer an entire series of complementary accessories to enable you to build your complete installation:

- ventilation accessories
- inlet and outlet grilles
- ducts and diffusers



# DEHUMIDIFIERS

## A silent instalation

### > EXPRESSING THE NOISE LEVEL WITH PRECISION

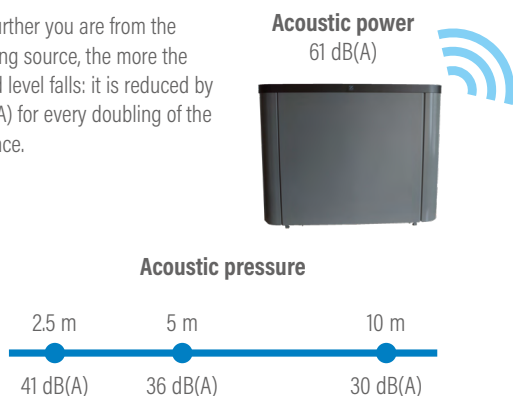
Sound level is expressed:

- Either as **acoustic power dB(A)**: this is the unmodified noise level of the emitting source.
- Or as **acoustic pressure dB(A)**: this is the sound level perceived by the human ear.

It depends on the installation environment and distance at which the measurement is made.

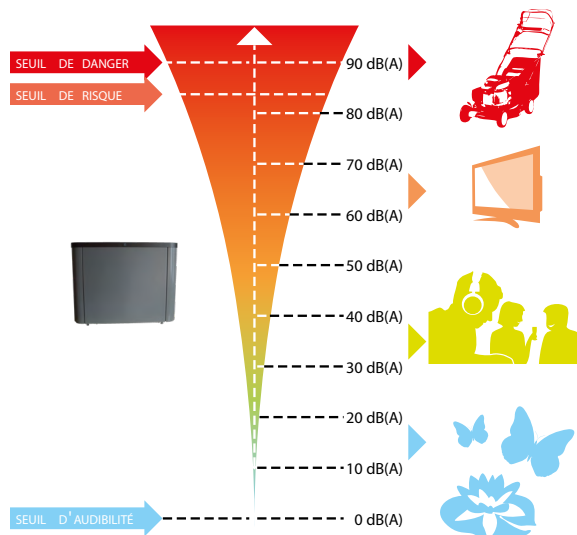
It must therefore always include a measuring distance.

The further you are from the emitting source, the more the sound level falls: it is reduced by 6 dB(A) for every doubling of the distance.



To compare the noise level of several machines, check what type of value you have, power or pressure, and if it is pressure then at what distance was it measured!

### NOISE SCALE



### > REDUCE NOISE TRANSMISSION THROUGH THE DUCTS

Special attention will be given to the aeraulic networks:

- **Size the ducts appropriately for the air flow**, limit turbulent sections, provide straight lines between each turbulent section.
- **Reduce the transmission of vibrations through the ducts:**
  - Install sleeves where they pass through walls,
  - Use anti-vibration collars to support ducts,
  - Use flexible couplings between the equipment and the duct network.
- **Size the inlet and outlet grilles** appropriately for the air flow rates passing through them. Provide expansion chambers between the grille and the duct.
- **Fit a sound trap**, if necessary, in the outlet ducts, particularly to avoid the noise propagating.



Example of duct installation

### > RECOMMENDATIONS FOR INSTALLING A DEHUMIDIFIER

A dehumidifier system includes 'moving' parts (compressor, fan, etc.), vibrations from which can spread and build up. A ducted unit installed in a plant room will provide the best possible noise solution.

However, to avoid or reduce disturbances, a few installation rules should be observed:

- **Install the dehumidifier on suitable anti-vibration blocks.** Renew them if necessary, because they lose effectiveness over time.
- **Install the system** either on a mounting base independent from the building and weighing twice as much as the dehumidifier, or on a very rigid support frame.



Support frame



Anti-vibration blocks

# HYGRO CONTROL

## Simple dehumidification

Hygro Control is a hygro-thermostat designed exclusively by Zodiac® for easy and intuitive control of the dehumidification equipment.



### REFERENCE POINT

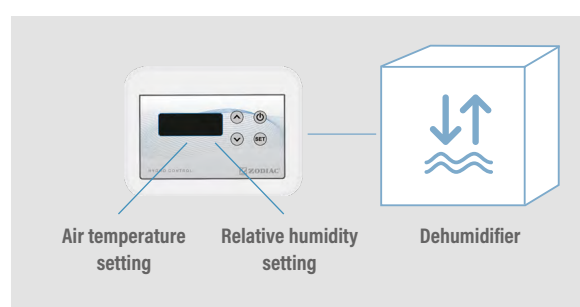
Find Zodiac® dehumidification products equipped with the Hygro Control function by locating this pictogram in the catalogue.

## > HOW DOES IT WORK?

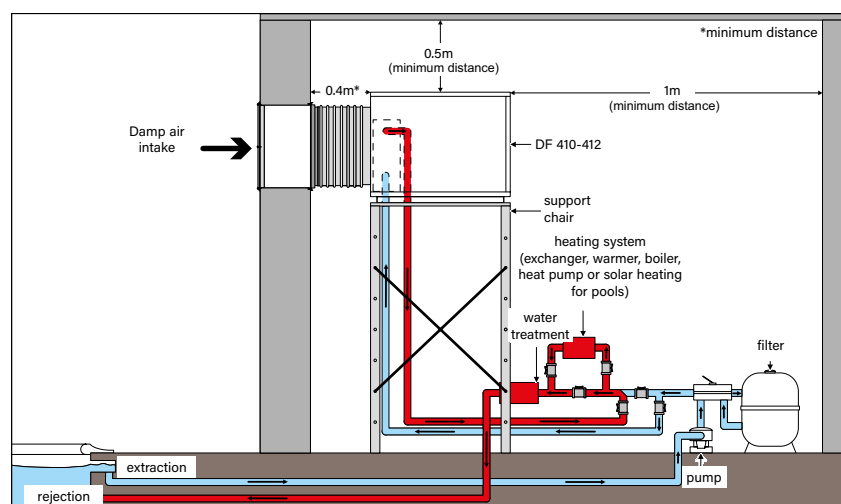
Hygro Control is an accurate and easy to use digital control unit for **setting the desired relative humidity**. Relative humidity characterises the moisture in the air, specifically the quantity of water present as gas in the air in the room or conservatory housing the pool.

If the dehumidifier is fitted with the 'heating' option, Hygro Control can also set the room air temperature.

The unit is supplied with CAE, DF and OMEGA dehumidifiers. Mounted on the wall, it is connected to the dehumidifier.



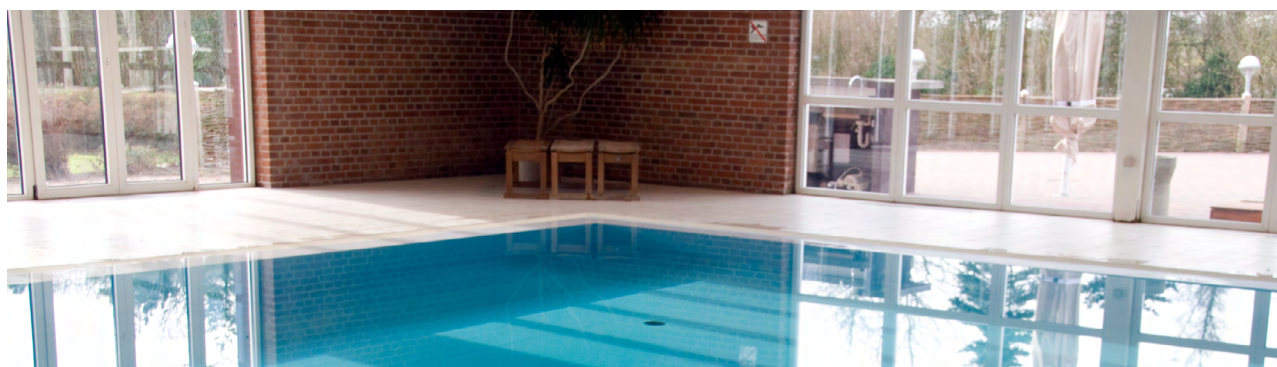
## STANDARD INSTALLATION



Example of an installation with a CAE

- Hygro Control should be installed at least 50cm from the outlet
- Do not put it above the system (SIROCCO) or above an outlet grille (CAE, DF, OMEGA)
- It should be at least 1.5m from the floor

Equipping a pool with a good roof and a suitable ventilation system for the room increases the efficiency of the dehumidification system.



# DT 850 E



- + Ideal for small pools
- + All-in-one, free-standing design: easy to install
- + Regulation with digital display

## DESCRIPTION

- Indoor, single block dehumidifier, to be installed in the area to be treated
- ABS body
- Sealed type thermodynamic circuit
- Very silent centrifugal turbine
- Hermetic compressor with built-in protection
- Thermostatic defrosting using forced ventilation
- Electronic regulation using a built-in hygrometer
- Thermoformed anti-rust casing
- Washable air filter
- 2 ventilation speeds

**2** YEAR  
WARRANTY



## PRODUCT REFERENCES

Model	DT 850 E
Standard Model	W28DT850R290

## TECHNICAL FEATURES

Model	DT 850 E
Capacity (l/h)*	2,2
Absorbed power*** (W)	970
Acoustic pressure at 5m (dB(A))	22
Air flow (m³/h)	500
Electric power supply	220-240V / 1 N~ / 50Hz
Nominal operating power (A)	4,3
Refrigerant fluid	R290
Refrigerant fluid quantity (kg)	0,3

\*in the following nominal conditions: air 30°C, humidity 70%.

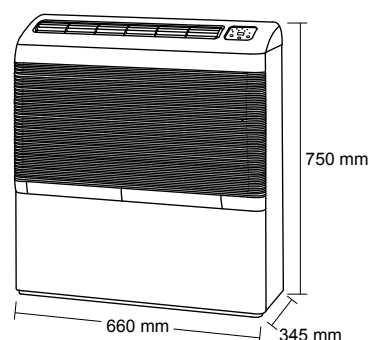
It is recommended to change the filters every year to allow the maximum performance of the dehumidifier.

## WEIGHT AND DIMENSIONS

Model	DT 850 E
Weight (kg)	37

## OPTIONAL ACCESSORIES

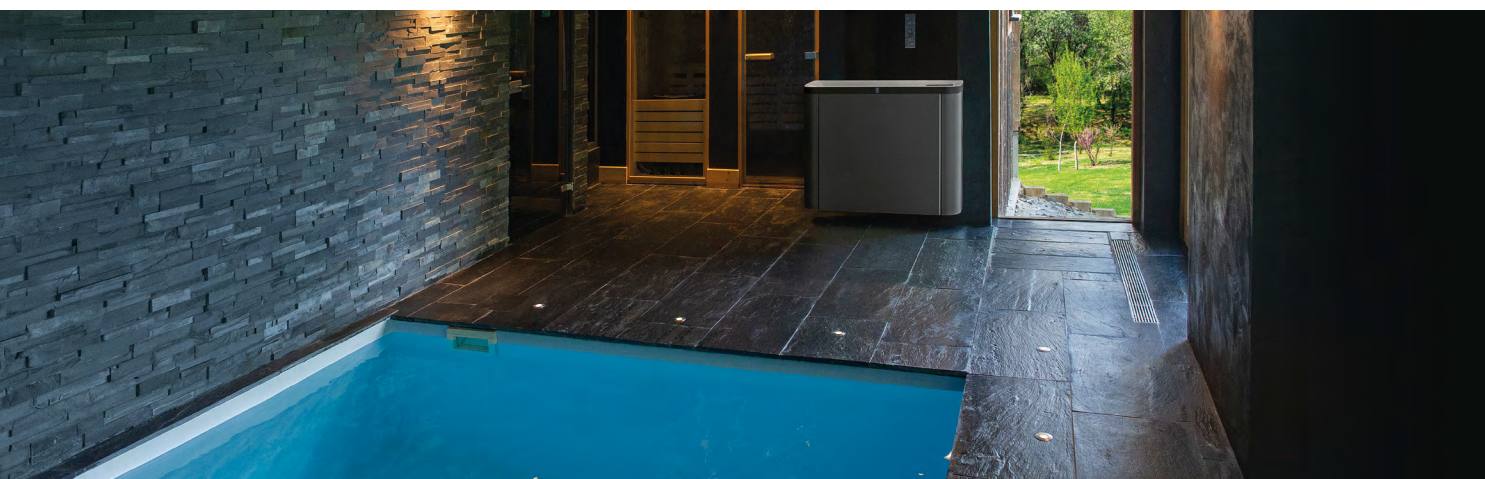
Filter DT 850 / DT 850 E - W28FIDT5





# SIROCCO<sup>2</sup>

## Comfort and intelligence



### > OPTIMAL COMFORT

Thanks to its **silence mode** and **vertical air outlet**, the Sirocco<sup>2</sup> is a discreet dehumidification unit, helping you forget it's here.

### > BUILT-IN INTELLIGENCE

With its humidity sensor's self-diagnostic feature, the Sirocco<sup>2</sup> **ensures the right relative humidity level** in all circumstances to preserve the facility's sustainability. Furthermore, when the pool is inoccupied (closed cover), **it reduces its energy consumption** by lowering the air heating temperature.

### > HARMONIOUS DESIGN

With its sleek lines, no visible grid and two available colours, the Sirocco<sup>2</sup> **fits elegantly and discreetly** into all indoor pool environments.



#### HUMIDITY SENSOR

Located in the air flow, with easy access through the side panel.



#### « TEST » MODE

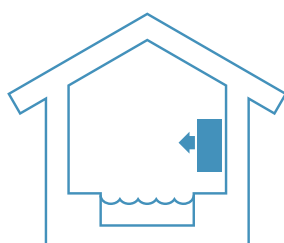
To check, whether at first installation or during diagnostics, the right configuration of the dehumidifier and its options.



#### SELF-DIAGNOSTIC

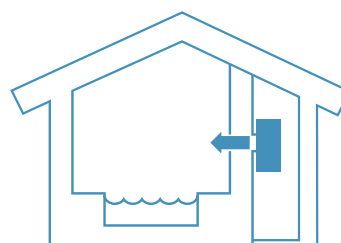
Automatic detection of the humidity measures inconsistencies. Dehumidifying fuction is always ensured by default.

## 2 possible configurations, on-site



#### FREE-DISCHARGE :

wall-mounted or floor-standing \*



#### THROUGH-THE-WALL



# SIROCCO<sup>2</sup>



**2 YEAR**  
WARRANTY



- + Optimal comfort
- + Built-in intelligence
- + Harmonious design

## EQUIPEMENTS

- Vertical blowing
- Free-discharge or Through-the wall mounting (with accessories)
- Wall mounted or floor standing (with stander)
- Galvanized, epoxy painted body
- Built-in hygro-sensor
- Embedded LCD (LED) display (remote control as an option)
- 2-speed centrifugal fan with Silence mode
- Energy-saving mode (with pool cover contact)
- Air heating options electric resistance or hot water coil, on-site integrable, into the main body of the dehumidifier (no additional space required).
- Available in 2 colors (grey or white)

## ACCESSORIES INCLUDED IN THE PACK

- Wall fixing profile
- Air inlet filter

## PRODUCT REFERENCES

Model	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>
White	WD002088	WD002089	WD002090	WD002091
Grey	WD002215	WD002216	WD002217	WD002218

## TECHNICAL FEATURES

Model	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>
Capacity (l/h)*	2,5	3,8	5,5	5,7
Absorbed power*** (W)	1210	2120	2580	2810
Acoustic pressure at 5m (dB(A) in Standard / Silence mode)**	36 / 33	40 / 37	38 / 34	39 / 35
Air flow (m³/h)	600	800	1000	
Electric power supply	220-240V / 1 N~ / 50Hz			380-400V / 3N~ / 50Hz
Nominal absorbed intensity (A)***	5,3	9,5	11,8	4,8
Max. absorbed intensity (A)***	6,9	12,5	16,7	5,7
Refrigerant fluid	R410A			
Refrigerant fluid quantity (kg)	0,93	1,15	1,65	
Evacuation of condensate	Flexible tube Ø12/18			
Acoustic Power, (dB(A) in Standard / Silence mode)**	61,5 / 58,5	65 / 62	63,5 / 60	64,5 / 61

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%, Standard mode

\*\* According to EN60704-1:2010+A11:2012 standard. Values measured and certified by the CCTM (Centre de Transfert de Technologie du Mans) on standard units (without options)

\*\*\* Excluding the power consumption of electric heating options.

## OPTIONAL ACCESSORIES

Through-the-wall kit Sirocco <sup>2</sup>	Electric resistance Sirocco <sup>2</sup>	Hot water coil Sirocco <sup>2</sup>	Stander, Sirocco <sup>2</sup> Light Grey	Stander, Sirocco <sup>2</sup> Dark Grey	Remote control, Sirocco <sup>2</sup>	Retrocompatible through the wall kit between Sirocco 80M and Sirocco <sup>2</sup> 3M
2M/3M: R0829500 5M/5T: R0829600	2M: R0829800 3M: R0829800 4M: R0829900 5M: R0830000 5T: R0894100	2M: R0830100 3M: R0830200 5M/5T: R0830300	2M/3M: R0893700 5M/5T: R0893800	2M/3M: R0893900 5M/5T: R0894000	R0829700	R0958900

## ELECTRIC RESISTANCE SPECIFICATIONS

Model	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>
Electric resistance power (kW)	2	3	4,5	
Electric resistance Max. absorbed intensity (A)	8,7	13,1	19,6	

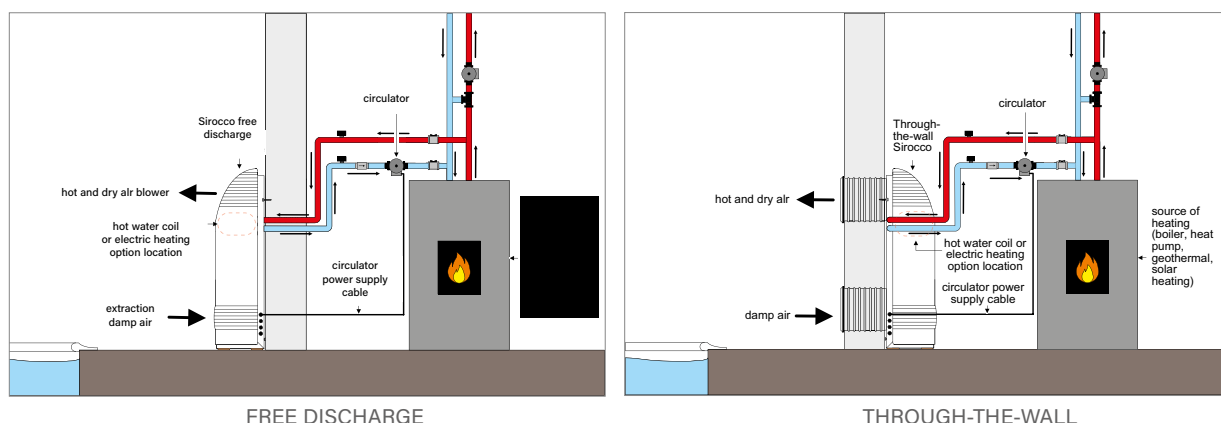
## HOT WATER COIL SPECIFICATIONS

Model	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>
Power (kW) with primary at 50-40 °C / 90-70 °C	2,2 / 7,1	3,2 / 8,1	3,7 / 11,1	
Water flow (m <sup>3</sup> /h) with primary at 50-40 °C / 90-70 °C	0,18 / 0,3	0,27 / 0,35	0,31 / 0,47	
Load loss (kPa) with primary 50-40 °C / 90-70 °C	16 / 28	23 / 39	17 / 35	
Connection (mm)	15 / 21 male thread			

## INSTALLATION

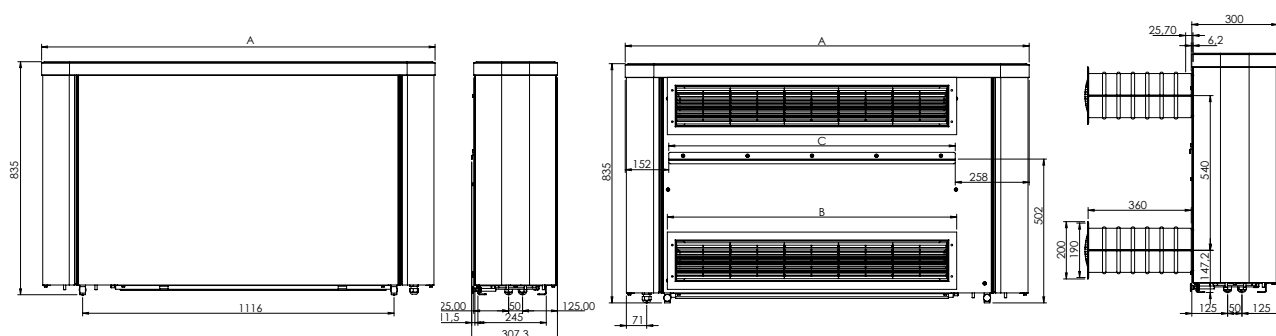
- Operating conditions (ambient air temperature range) : +10°C to +40°C for the dehumidification function; +5°C to +40°C for the air heating function alone
- Air heating options can be added within the unit: electric resistance or hot water coil
- An optional stander can be mounted as an additional support, in particular where the wall cannot withstand the load of the unit
- The unit shall always be attached to the wall in order to prevent any tilt, even when equipped with a stander.
- For more information, read the installation and user guide

Installation of an appliance with the hot water coil option.



## WEIGHT AND DIMENSIONS

Model	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>	Sirocco <sup>2</sup>
A	1060		1410	
B	630		1010	
C : Anchor points	700		1000	
Space: Tolerance +2/-0 mm	580 x 145		998 x 165	
Number of grates	2 x 3		2 x 5	
Weight (kg) (basic model)	70	80	95	



# DF Through-the-wall



- + Hidden installation without ducts, for simplified project design
- + Available in 3 capacities (3.5 to 8 l/h)
- + Air heating options (electric heating or hot water coil)

## ACCESSORIES INCLUDED IN THE PACK



Hygro control box

## PRODUCT REFERENCES

DF Through-the-wall	DF 403M	DF 405M	DF 405T	DF 408M	DF 408T
Standard Model	W28DF403ME	W28DF405ME	W28DF405TE	W28DF408ME	W28DF408TE
Model with electric heating option	W28DF403MEE	W28DF405MEE	W28DF405TEE	W28DF408MEE	W28DF408TEE
Model with hot water coil option	W28DF403MEB	W28DF405MEB	W28DF405TEB	W28DF408MEB	W28DF408TEB

## TECHNICAL FEATURES

DF Through-the-wall	DF 403M	DF 405M	DF 405T	DF 408M	DF 408T
Capacity (l/h)*	3,5	5		8	
Absorbed power*** (W)	1500	1860		2600	
Air flow (m³/h)	1300			1700	
Electric power supply	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz		220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz
Max. absorbed intensity (A)***	13,2	16,1	7,3	24,8	9,5
Refrigerant fluid	R407C				
Refrigerant fluid quantity (kg)	1,18	1,21		1,52	
Evacuation of condensate	PVC 1/2 union, Ø 32, glued				

## OPTIONAL ACCESSORIES

Double deflector supply grate	DF support frame	Remote control electrical unit
WTT02365	WTO04000	W28DEPORT

For all DF orders a deposit of 30% will be requested with the order.

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

\*\*\* Excluding the power consumption of electric heating options.

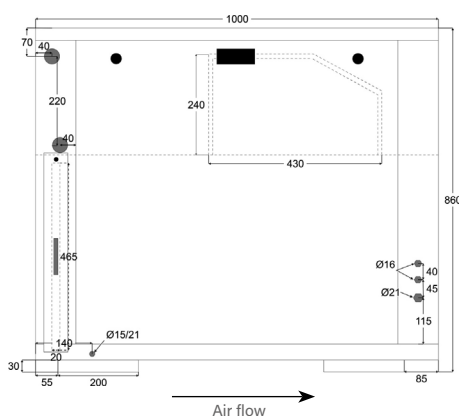
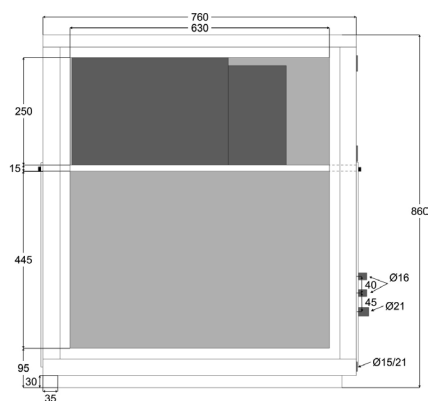
DF Through-the-wall	DF 403M	DF 405M	DF 405T	DF 408M	DF 408T
Power (kW) with primary at 50-40 °C / 90-70 °C	3,9 / 12,4			4,6 / 14,8	
Water flow (m³/h) with primary at 90/70°C	0,56			0,65	
Load loss (mmCE) with primary 90/70°C	59			81	
Connection (mm)	20 / 27 male thread				

- Installation in a technical room nearby the pool hall.
- Blower and intake grates mounted on the part to be mortared included with the appliance.
- Possibility of double deflector grates to direct the hot dry air towards the windows.
- Hot water coil assembled inside the appliance (option).
- Extra electric heating using incorporated electric heating elements (option).
- Filter on the intake.
- Reversible installation: right-hand (standard) or left-hand (optional) access to the technical door.

Technical diagram of a DF 403-405-408 through-the-wall unit. The diagram illustrates the unit's installation and operation. Key components and labels include:

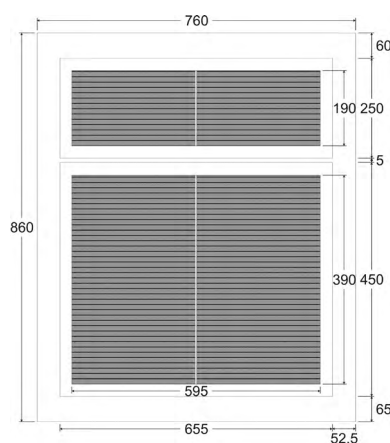
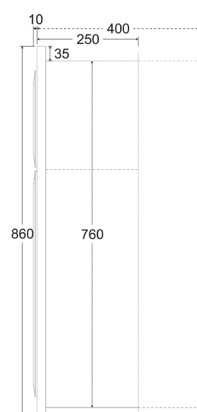
- grids for sealing**: Located at the top of the unit.
- hot and dry air**: Indicated by an arrow pointing left from the top of the unit.
- damp air**: Indicated by an arrow pointing right into the unit.
- 1.8 m (minimum distance)**: Dimension line indicating the minimum distance from the top of the unit to the ceiling.
- 1.3 m (minimum distance)**: Dimension line indicating the minimum distance from the bottom of the unit to the floor.
- support frame**: A cross-braced frame supporting the unit.
- circulator power supply cable**: A cable connected to the unit.
- circulating pump**: A pump connected to the unit.
- DF 403-405-408 through-the-wall**: The main unit label.
- heat source (boiler, heat pump, geothermal energyor solar heating)**: A heat source connected to the unit, shown with a flame icon.

DF Through-the-wall	DF 403M	DF 405M	DF 405T	DF 408M	DF 408T
Weight (kg)	129	130		133	



Access panel  
as standard  
for electrical  
connections

Grate to be mortared



# DF ducted 403 - 408



**2** YEAR  
WARRANTY



- + Horizontal, ducted installation
- + Available in 5 capacities (3.5 to 12 l/h)
- + Air heating options (electric heating or hot water coil)

## ACCESSORIES INCLUDED IN THE PACK



Hygro control box

## PRODUCT REFERENCES

DF ducted	DF 403M	DF 405M	DF 405T	DF 408M	DF 408T
Standard Model	W28DF403MG	W28DF405MG	W28DF405TG	W28DF408MG	W28DF408TG
Model with electric heating option	W28DF403MGE	W28DF405MGE	W28DF405TGE	W28DF408MGE	W28DF408TGE
Model with hot water coil option	W28DF403MGB	W28DF405MGB	W28DF405TGB	W28DF408MGB	W28DF408TGB

## TECHNICAL FEATURES

DF ducted	DF 403M	DF 405M	DF 405T	DF 408M	DF 408T
Capacity (l/h)*	3,5	5		8	
Absorbed power*** (W)	1500	1860		2600	
Air flow (m³/h)		1300		1700	
Available pressure (mmCE)		10			
Electric power supply	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz	
Max. absorbed intensity (A)***	13,2	16,1	7,3	24,8 ***	9,5 ***
Refrigerant fluid		R407C			
Refrigerant fluid quantity (kg)	1,18	1,21		1,52	
Evacuation of condensate		PVC 1/2 union, Ø 32, glued			
Acoustic Power ((dB(A))**		71,5		73,6	

For all DF orders a deposit of 30% will be requested with the order.

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

\*\* Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.

\*\*\* Excluding the power consumption of electric heating option.



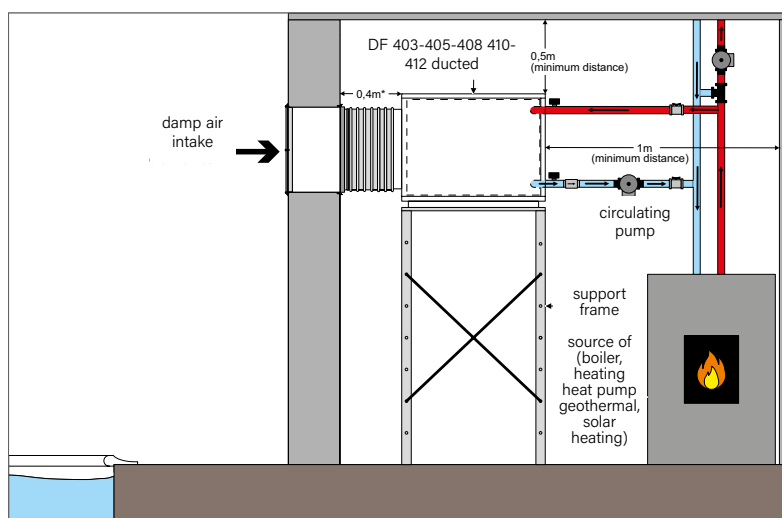
## HOT WATER COIL SPECIFICATIONS

Model	DF 403M ducted	DF 405M ducted	DF 405T ducted	DF 408M ducted	DF 408T ducted
Power (kW) with primary at 50-40 °C / 90-70 °C	4,6 / 14,6			5,5 / 17,6	
Water flow (m³/h) with primary at 90/70°C	0,65			0,78	
Load loss (mmCE) with primary 90/70°C	59			81	
Connection (mm)	20 / 27 male thread				

## INSTALLATION

- Installation in a technical room nearby the pool hall.
- Blower and intake grates mounted on the part to be mortared included with the appliance.
- Duct diameter: Ø 315 mini or 400 x 200.
- Possibility of double deflector grates to direct the hot dry air towards the windows.
- Reversible installation: right-hand (standard) or left-hand (optional) access to the technical door.
- Hot water coil and electric heating options are integrated outside the air outlet which adds a thickness to the installation. It is highly recommended to integrate these options during first installation.
- Air heating options (electric resistance and hot water coil) increase the overall dimensions of the units. It is recommended to plan their integration early in the design process. Find out more details in the installation guide.

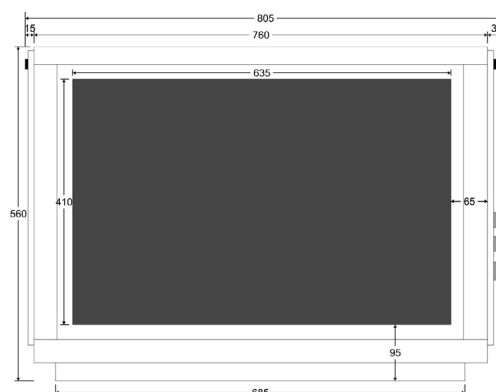
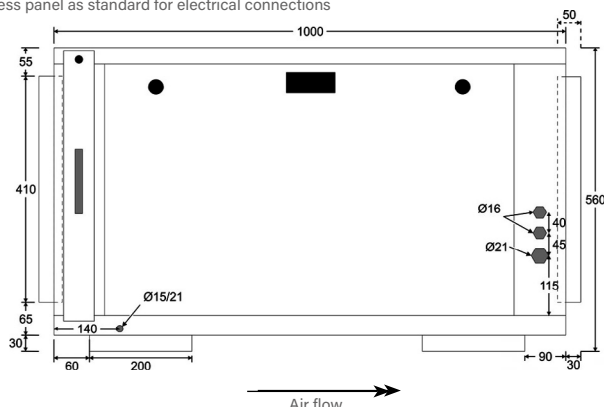
Installation of an appliance with the hot water coil option (models 403 to 412).



## WEIGHT AND DIMENSIONS

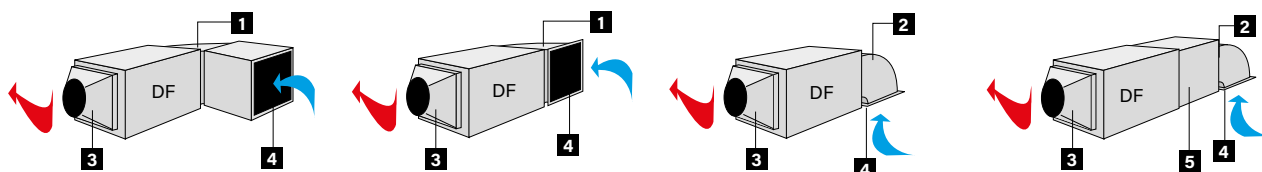
DF ducted	DF 403M	DF 405M	DF 405T	DF 408M	DF 408T
Weight (kg)		113		117	

Access panel as standard for electrical connections



## ACCESSOIRES EN OPTION

1	2	3	3	4	5		
Double deflector supply grate	Vertical angle 90°	Outlet DF Ø 315	Outlet DF Ø 400	Standard outlet 625 x 425	Circular sound trap with core Ø 315	Sound trap rectangular length 500 mm	DF Chassis support
WCH03716	WCH03717	WCH03715	WCH03729	WTT02355	WCH03681	WCH03718	WTO04000
							W28DEPORT



# DF ducted 410 - 412



**2** YEAR  
WARRANTY



- + Horizontal, ducted installation
- + Available in 5 capacities (3.5 to 12 l/h)
- + Air heating options (electric heating or hot water coil)
- + Titanium water condenser option, enabling to re-use the excess heat to warm the pool

## ACCESSORIES INCLUDED IN THE PACK



Hygro control box

## PRODUCT REFERENCES

DF ducted	DF 410M	DF 410T	DF 412T
Standard Model	W28DF410MG	W28DF410G	W28DF412G
Model with water condensed option	W28DF410MGC	W28DF410GC	W28DF412GC
Model with electric heating option	W28DF410MGE	W28DF410GE	W28DF412GE
Model with electric heating option and water condenser	W28DF410MGEC	W28DF410GEC	W28DF412GEC
Model with hot water coil option	W28DF410MGB	W28DF410GB	W28DF412GB
Model with hot water coil option and water condenser	W28DF410MGBC	W28DF410GBC	W28DF412GBC

## TECHNICAL FEATURES

DF ducted	DF 410M	DF 410T	DF 412T
Capacity (l/h)*	10		12
Absorbed power*** (W)	3470		4170
Air flow (m³/h)	2000		
Available pressure (mmCE)	10		
Electric power supply	220-240V / 1 N~ / 50Hz		380-400V / 3N~ / 50Hz
Max. absorbed intensity (A)***	20,5	11,9	14
Refrigerant fluid quantity (kg)	2,7 / 2,82 (1)		2,9 / 3,82 (1)
Evacuation of condensate	PVC 1/2 union, Ø 32, glued		
Acoustic Power ((dB(A))**	-		76,7

For all DF orders a deposit of 30% will be requested with the order.

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

\*\* Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.

\*\*\* excluding the power consumption of electric heating option.

\*\*\*\* DF412 in single phase on request.

(1) for units with water condenser option.





- + Vertical, ducted installation with modular air intake/outlet configurations
- + Available in 4 capacities (8 to 13.5 l/h)
- + Air heating options (electrical heating or hot water coil)
- + Titanium water condenser option, enabling to re-use the excess heat to warm the pool

## ACCESSORIES INCLUDED IN THE PACK



Hygro control box

## PRODUCT REFERENCE

CAE ducted****	508M	508T	510T		513T	
Standard model	W28CAE8M	W28CAE8	W28CAE10		W28CAE13	
Model with water condenser option	W28CAE8MC	W28CAE8C	W28CAE10C		W28CAE13C	
Model with electric heating option	W28CAE8ME	W28CAE8E	W28CAE10E9	W28CAE10E18	W28CAE13E9	W28CAE13E18
	4,5 kW	9 kW	9 kW	18 kW	9 kW	18 kW
Model with electric heating option and water condenser	W28CAE8MEC	W28CAE8EC	W28CAE10E9C	W28CA10E18C	W28CAE13E9C	W28CA13E18C
	4,5 kW	9 kW	9kW	18kW	9 kW	18 kW
Model with hot water coil option	W28CAE8MB	W28CAE8B	W28CAE10B		W28CAE13B	
	23 kW	23 kW	35 kW		41 kW	
Model with Model with hot water coil option and water condenser	W28CAE8MBC	W28CAE8BC	W28CAE10BC		W28CAE13BC	
	23 kW	23 kW	35 kW		41 kW	

## TECHNICAL SPECIFICATIONS

CAE ducted****	508M	508T	510T	513T
Capacity (l/h)*	8		10	13,5
Absorbed power*** (W)	2710		4040	5430
Nominal airflow (m³/h)	2040		2720	3400
Air flow (m³/h)	2400		3050	3800
Min. air flow (m³/h)	1780		2380	2970
Available pressure (mmCE)	15		19	23
Electric power supply	220-240V / 1 N~ / 50Hz		380-400V / 3N~ / 50Hz	
Nominal absorbed intensity (A)***	17,5	5,3	8,5	11
Max. absorbed intensity (A)***	37,1	8	14,5	17
Refrigerant fluid quantity (kg)	1,3/1,45 (1)		2,2/2,5 (1)	
Acoustic Power ((dB(A))**	-	77,6	-	77,6

For all CAE orders a deposit of 30% will be requested with the order.

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

\*\* Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.

\*\*\* excluding the power consumption of electric heating option.

\*\*\*\* An annual check of the sealing of the refrigerating circuit must be carried out for all refrigerating equipment with a load in refrigerating fluid >2 kg and < 30 kg (cf. Art 3 7/05/05 regulation, French decree n° 737-2007).

CAE 510 single phase on request.

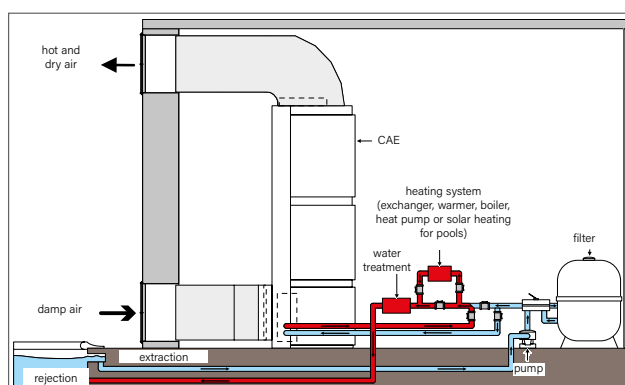
(1) for units with water condenser option.

## HOT WATER COIL SPECIFICATIONS

CAE ducted****	508M	508T	510T	513T
Power (kW) with primary at 50-40 °C / 90-70 °C	5,9 / 23		9,8 / 35	11,6 / 41
Water flow (m³/h) with primary at 90/70°C	1		1,6	1,9
Load loss (mmCE) with primary 90/70°C	1250		1900	2500
Connection (mm)	20 / 27 male thread			

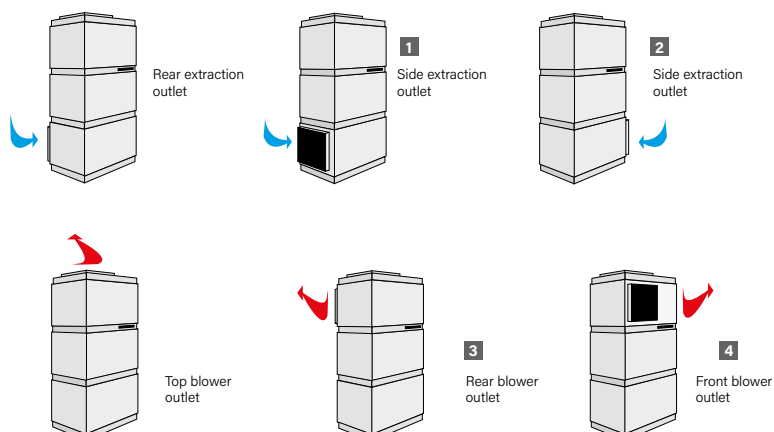
## EXTRACTION AND BLOWER OPTIONS

- Installation of an appliance with the TITANIUM water condenser option.
- Damp air intake: the standard intake is installed in the lower part at the rear of the CAE. Optionally, the intake can be installed in the lower part on the left or right hand sides of the CAE.
- Dry air blower: the standard dry air blower is installed in the upper part on the top of the CAE. Optionally the blower can be installed on the top part on the front or rear face of the CAE.



## EXTRACTION AND SUPPLY

CAE ducted****	508M	508T	510T	513T
Extractor on the left (frame + filter) <b>1</b>	W28REGA			
Extractor on the right (frame + filter) <b>2</b>	W28REDR			
Rear blower (frame) <b>3</b>	W28SOAR			
Front blower (frame) <b>4</b>	W28SOAV			





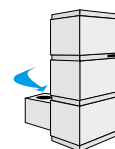
## EXTRACTION AND SUPPLY BOX

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Circular angled outlet	WCH01251		WCH01252	
System central intake box	WCH01253		WCH01254	
Intake box for 625 x 425 grate	WCH03719		Contact us	

Other accessories or casing: contact us



**5**  
Circular angled  
outlet



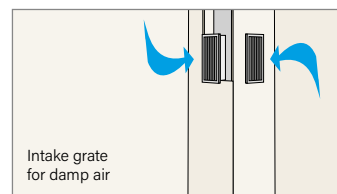
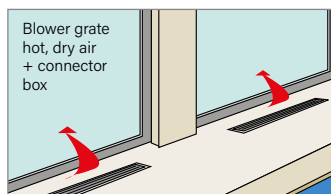
**6**  
Intake box

## SOUND TRAP

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Sound trap	WCH03682		WCH03683	

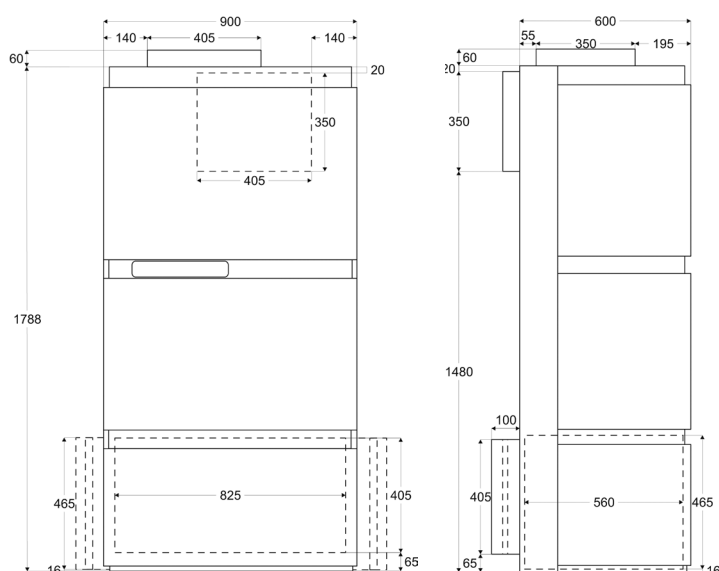
## CAE TECHNICAL ROOM + DUCTS

- Installation of an appliance with the TITANIUM water condenser option.
- Damp air intake: the standard intake is installed in the lower part at the rear of the CAE. Optionally, the intake can be installed in the lower part on the left or right hand sides of the CAE.
- Dry air blower: the standard dry air blower is installed in the upper part on the top of the CAE. Optionally the blower can be installed on the top part on the front or rear face of the CAE.



## DIMENSIONS (MM) AND WEIGHT

CAE ducted****	508M	508T	510T	513T
Weight (kg, excluding accessories and options)	228		235	240

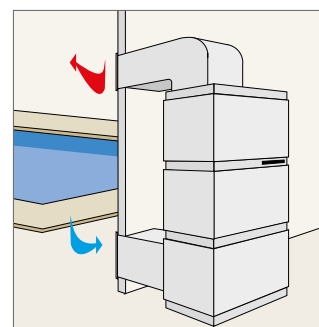


## AIR EXTRACTION AND SUPPLY ACCESSORIES

CAE ducted****	508M	508T	510T	513T
Diameter	Ø 400		Ø 500	
Circular rear extraction accessories <sup>(1)</sup>	WCH01245		WCH01246	
Circular side extraction accessories <sup>(1)</sup>	WCH01247		WCH01248	
Circular top extraction accessories <sup>(2)</sup>	WCH01249		WCH01250	
Circular front/rear blower accessories <sup>(1)</sup>	WCH01249		WCH01250	

## OPTIONAL ACCESSORIES

625 x 425 grate (plan for 2 grates)	Double 625 x 425 deflector (blower)	Sound trap	Blower angle	Remote regulator box for the dehumidifier	Remote regu- lator box for 2 dehumidifiers
WTT02355	WTT02366	WCH01234	WCH01255	R0771000	R0771100





**2** YEAR  
WARRANTY



- + Vertical, ducted installation with modular air intake/outlet configurations
- + Available in 5 capacities (10 to 28 l/h)
- + Air heating options (electrical heating or hot water coil)
- + Titanium water condenser option, enabling to re-use the excess heat to warm the pool

## ACCESSORIES INCLUDED IN THE PACK



Hygro control box

## PRODUCT REFERENCES

OMEGA ducted	10T	14T	16T	20T	28T
Standard model	W28OM10	W28OM14	W28OM16	W28OM20	W28OM28
Model with water condenser option	W28OM10C	W28OM14C	W28OM16C	W28OM20C	W28OM28C
Model with electric heating option	W28OM10E	W28OM14E	W28OM16E	W28OM20E	W28OM28E
Model with electric heating option and condenser	W28OM10EC	W28OM14EC	W28OM16EC	W28OM20EC	W28OM28EC
Model with hot water coil option	W28OM10B	W28OM14B	W28OM16B	W28OM20B	W28OM28B
Model with hot water coil option and condenser	W28OM10BC	W28OM14BC	W28OM16BC	W28OM20BC	W28OM28BC

## TECHNICAL FEATURES

OMEGA ducted	10T	14T	16T	20T	28T
Capacity (l/h)*	10	14	16	20	28
Absorbed power*** (W)	3 840	4 390	5 830	6 430	9 900
Air flow (m³/h)	3 000	4 000	5 000	6 000	8 500
Available pressure (mmCE)	20				
Electric power supply	380-400V / 3N~ / 50Hz				
Nominal absorbed intensity (A)***	7,6	9	12	16,4	19
Max. absorbed intensity (A)***	13	16	18,5	20,1	23,8
Refrigerant fluid	R407C				
Refrigerant fluid quantity (kg)	3,5/3,8 (1)		3,5/3,9 (1)		8,2/8,5 (1)
Acoustic Power ((dB(A))**	-	83,6	-	82	-

For all OMEGA orders a deposit of 30% will be requested with the order.

\* Standard unit, in the following nominal conditions: air 30°C, humidity 70%.

\*\* Values measured and certified in compliance with EN ISO 3741 & EN ISO 354 standards, by CCTM (Centre de Transfert de Technologie du Mans) on standard units.

\*\*\* excluding the power consumption of electric heating option.

\*\*\*\* An annual check of the sealing of the refrigerating circuit must be carried out for all refrigerating equipment with a load in refrigerating fluid >2 kg and < 30 kg (cf. Art 3 7/05/05 regulation, French decree n° 737-2007).

(1) for units with water condenser option.

## ELECTRIC RESISTANCE SPECIFICATIONS

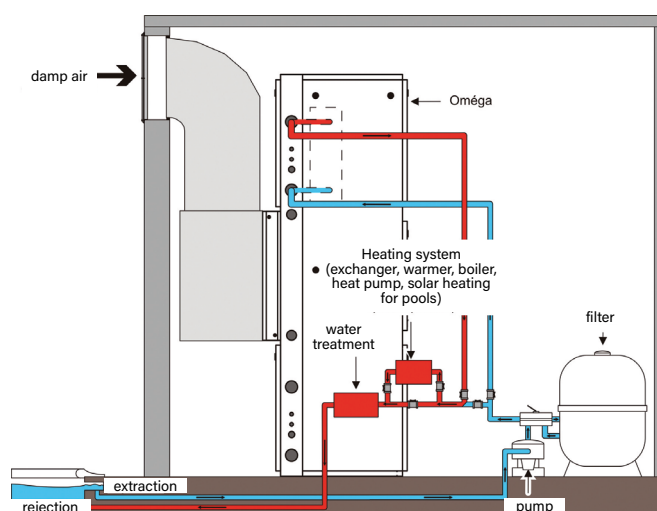
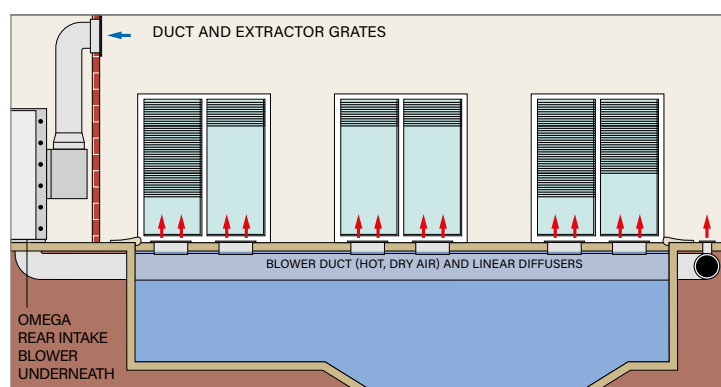
OMEGA ducted	10T	14T	16T	20T	28T
Electric resistance power (kW)	24	34	42	53	76
Electric resistance Max. absorbed intensity (A)	9,5	11,6	13,6	15,2	23

## HOT WATER COIL SPECIFICATIONS

OMEGA ducted	10T	14T	16T	20T	28T
Power (kW) with primary at 50-40 °C / 90-70 °C	9,5 / 24	11,6 / 34	13,6 / 42	15,2 / 53	23 / 76
Water flow (m³/h) with primary at 90/70°C	1,66	2,03	2,35	2,64	3,98
Load loss (mmCE) with primary 90/70°C	930	1340	1760	2170	1410
Connection (mm)	20 / 27 male thread				

## INSTALLATION

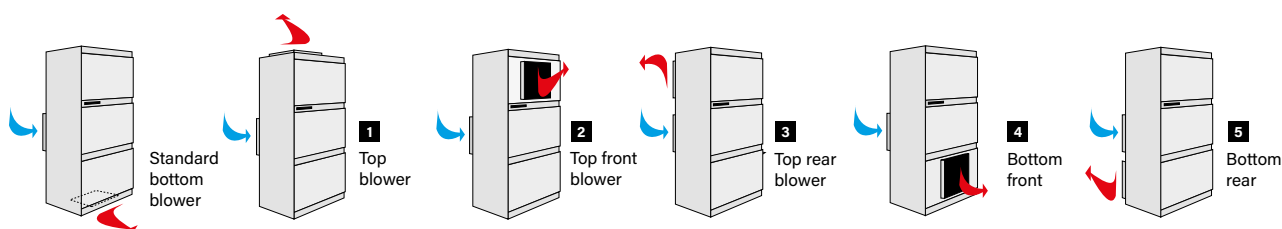
- Installation in a technical room nearby the pool hall.
- Damp air extractor frame on the rear face for connection to wall or ceiling extractor duct.
- Hot, dry air blower either under or over the system for direct assembly on buried ducts or ceiling service area ducts.
- Simplified aeraulic assembly with very little load loss making it possible to keep the available ventilator pressure for the duct network.
- Hot water coil or extra electric heating fitted inside the system (see options).
- A remote regulator box, temperature sensor and humidity sensor in a duct and box enable you to adjust the operation of one unit or two dehumidifier units.



## BLOWER OPTIONS

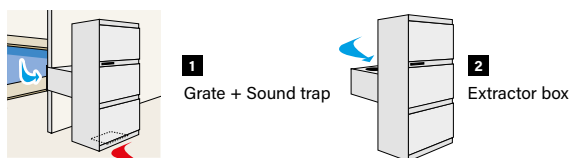
OMEGA ducted		10T	14T	16T	20T	28T
Blower on the top	1	W28SODE			W28SODE20	W28SODE28
Blower on the top to the front	2	W28SOHAV			W28SOHAV20	W28SOHAV28
Blower on the top to the rear	3	W28SOHAR			W28SOHAR20	W28SOHAR28
Blower on the bottom to the front	4	W28SOBAV				
Blower on the bottom to the rear	5	W28SOBAR				

The standard blower on the OMEGA systems is installed under the system (blower inversed compared to the CEA). Optionally, blower can be installed on the top or bottom and either to the front of the rear.



## OMEGA INTAKE

OMEGA ducted		10T	14T	16T	20T	28T
Extractor grate 1000 x 600 (4000 à 6000 m³/h) with counter frame	Grate	WFA01477				
	Counter frame	WFA01479				
Sound trap 600 mm (for direct intake from 100 X 600 grate) 1		WCH01236				
Extraction box for Omega systems 2	Caisson	WCH02822		WCH03048		WCH03049
	Diameter	Ø500		Ø630		Ø500
Intake box for 1000 x 600 grate	Caisson	WCH02822		WCH03048		WCH03049
	Diameter	Ø500		Ø630		Ø500

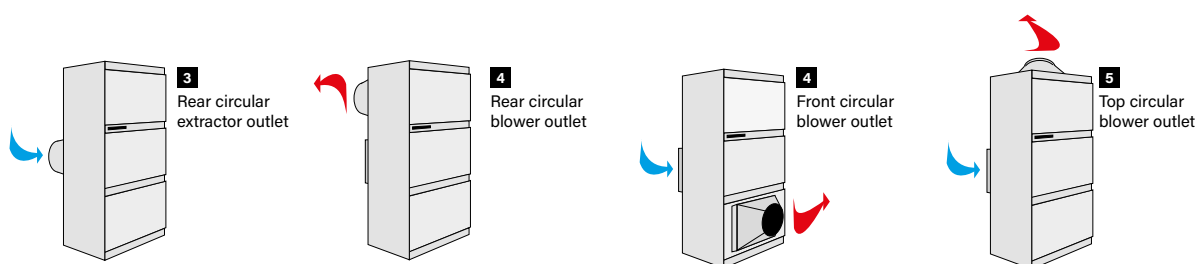




## EXTRACTION AND SUPPLY ACCESSORIES

OMEGA ducted	10T	14T	16T	20T	28T
Diameter	Ø500		Ø630		2 x Ø500
Rear circular extractor accessories <b>3</b>	WCH03701		WCH03702		WCH03703
Front/rear circular blower accessories <b>4</b>	WCH03595		WCH03331		WCH03704
Upper circular blower accessories <b>5</b>	WCH03705		WCH03706		WCH03707

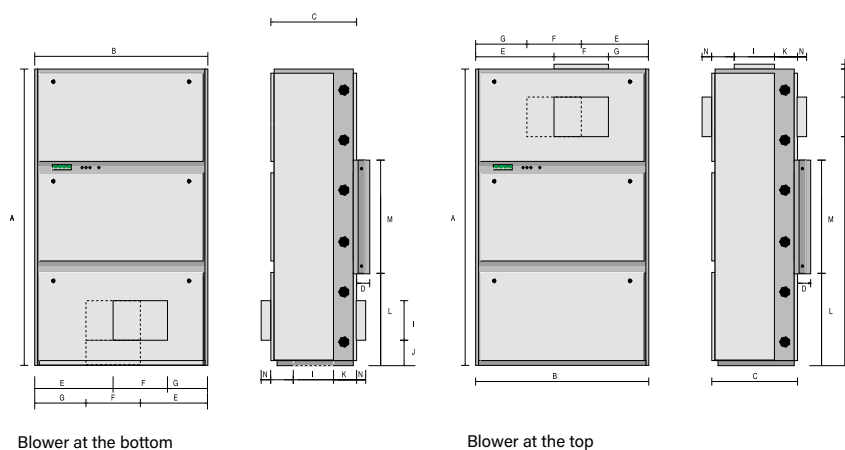
Other accessories or casing: contact us.



## WEIGHT AND DIMENSIONS

OMEGA ducted	10T	14T	16T	20T	28T
Weight (kg)	342	344	346	397	505

	Oméga 10 to 20	Oméga 28
A	1940	2170
B	1150	1734
C	625	652
D	70	102
E	445	413
F	410	908
G	295	413
H	240	190
I	345	387
J	75	240
K	225	216
L	655	673
M	630	824
N	60	50
O	20	0
Extractor Width	1060	1650



## ACCESSOIRES EN OPTION

Filters for OMEGA 10, 14, 16 et 20 tri	Filters for OMEGA 28 tri	Remote regulator box for the dehumidifier
WSD01916	WSD03350	R0771000

# ENERGY Fan



- + Air renewal: better pool hall hygiene
- + Wall-mounted fan with backdraft damper
- + Aesthetic finish and silent working

## DESCRIPTION

- Plan a fresh air intake (featuring an incoming airflow lower or equal to the fan's extraction airflow so as to guarantee a slight underpressure in the pool hall.)
- Axial fan
- ABS body
- 150 Model : 1 speed extract fan, control with switch or servo control (cord included)
- 500, 900 and 1800 Models : variable speed, start only with RC4M control box (sold as accessory)



## ACCESSORIES INCLUDED IN THE PACK

- Through-the-wall duct
- Outdoor grate

## PRODUCT REFERENCES

Model	ENERGY 150 FAN	ENERGY 500 FAN	ENERGY 900 FAN	ENERGY 1800 FAN
Standard Model	WD001208	WD001209	WD001210	WD001211

## TECHNICAL FEATURES

Model	ENERGY 150 FAN	ENERGY 500 FAN	ENERGY 900 FAN	ENERGY 1800 FAN
Max. extraction airflow	280	445	918	1820
Eco extraction airflow	-	245	820	1341
Max. absorbed power (W)	33	38	50	100
Eco absorbed power (W)	-	20	37	70
Max. sound pressure at 3 m	43	45	49	51
Eco sound pressure at 3 m	-	27	46	45
Electric power supply	220-240V / 1 N~ / 50Hz			

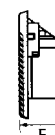
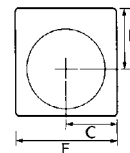
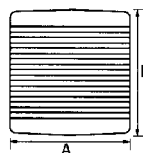
## WEIGHT AND DIMENSIONS

Model	ENERGY 150 FAN	ENERGY 500 FAN	ENERGY 900 FAN	ENERGY 1800 FAN
Weight (kg)	0,99	4,6	4,9	9,5
A x B	200 x 200	269 x 272	342 x 342	420 x 420
C	100	134,5	171	206,5
D	100	737,5	175	214,5
E	200	269	337	413
F	114,5	128	130	169,4
Wall opening	Ø160	260 x 260	330 x 330	410 x 410
Wall width (min/max)	100/375	200/380	200/380	200/380

## ACCESSOIRES EN OPTION

RC4M control box for Energy 500, 900 and 1800  
Box to control up to 5 fans

WD001212



# DEHUMIDIFICATION

## CANAL FAST Fan



- + Air renewal: swimming pool hygiene maintained
- + Centrifugal fan motor in duct
- + Easy to install with quick-fix system

### DESCRIPTION

- Use a fresh air inlet (fresh air flow less than or equal to the ventilator flow rate) to slightly reduce pressure in the pool room
- Install horizontally or vertically at all points along the duct
- Housing: polypropylene body and flanges - IPX4 protection
- Turbine: centrifugal reaction, ABS helix, mounted directly onto the body of the engine, polypropylene flanges - IPX4 protection
- External 2-speed rotary engine, IPX4
- Built-in mounting system with locking collars



### PRODUCT REFERENCES

Model	CANAL FAST 125	CANAL FAST 160	CANAL FAST 200	CANAL FAST 250
Standard Model	WFA03484	WFA03485	WFA03486	WFA03487

### TECHNICAL FEATURES

Model	CANAL FAST 125	CANAL FAST 160	CANAL FAST 200	CANAL FAST 250
Max. extraction airflow	285/345	467/552	830/1040	1100/1400
Power (W)	47/65	54/76	90/125	125/177
Max. sound pressure at 3 m	31 / 42	33 / 44	45 / 52	47 / 55
Electric power supply	220-240V / 1 N~ / 50Hz			

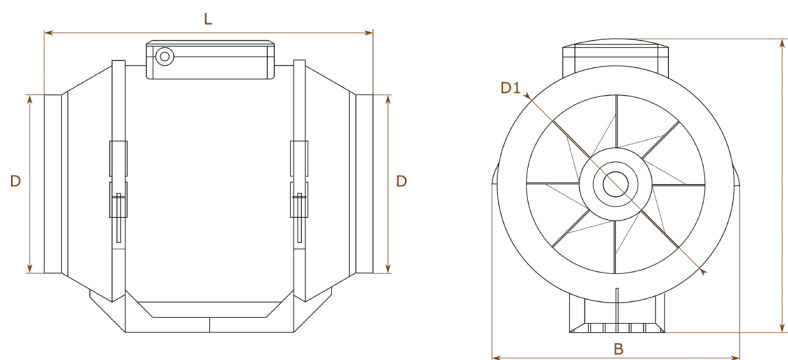
### WEIGHT AND DIMENSIONS

Model	CANAL FAST 125	CANAL FAST 160	CANAL FAST 200	CANAL FAST 250
Weight (kg)	3	3,4	6,5	7,5
D	123	158	197	247
DI	185	185	209	256
H	250	250	261	320
B	220	220	239	286
L	295	295	296	393

### ACCESSOIRES EN OPTION

Variable speed driver

WFA03488



# Floor slot diffusers



Minimum manufacturing time : 3 weeks

- + Attractive and discreet design : perfect integration flush with the level of the floor
- + Ideal air supply distribution : solution specially adapted for bay windows (air supply along the bay window)
- + New products, new heights, and new kits to make installation easier

## PRODUCT REFERENCES

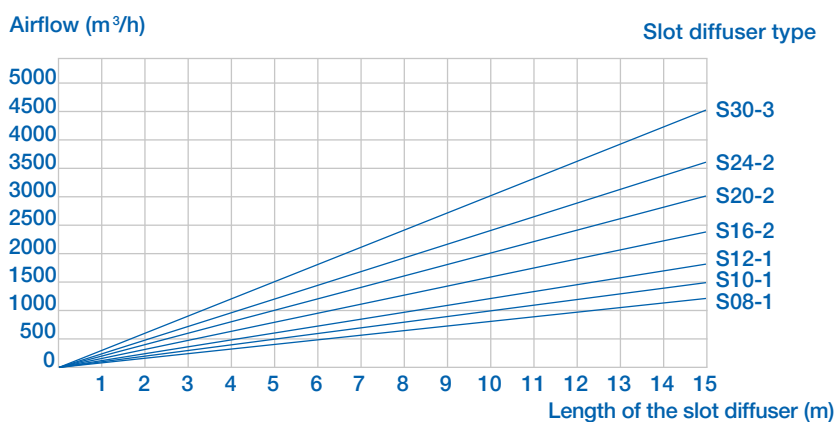
Height (mm)	S08-1	S10-1	S12-1	S16-2	S20-2	S24-2	S30-3
100-150	WD001422	WD001424	WD001426	WD001429	WD001431	WD001433	WD001435
150-200	WD001423	WD001425	WD001427	WD001430	WD001432	WD001434	WD001436

\*The height corresponds to that between the concrete slab and the finished level. It must not be less than 10 cm.

Floor slot diffusers can be cut straight across or at a 45° angle to the desired length (within dimension limits).  
Floor slot diffusers are provided with any Zodiac dehumidifier unit order.  
Contact our Design Office (BE@zodiac.com) for design and quotation.

## TECHNICAL SPECIFICATIONS

The slot diffuser selection (number of slots) depends on the airflow and on the length of the diffuser.

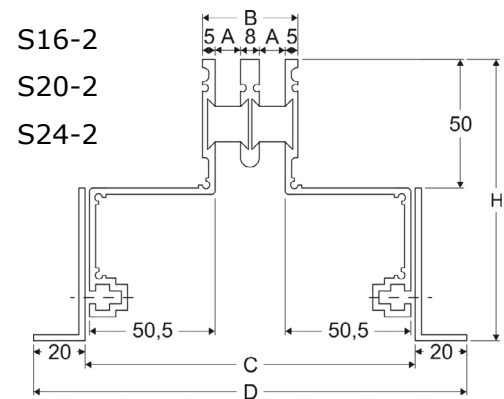
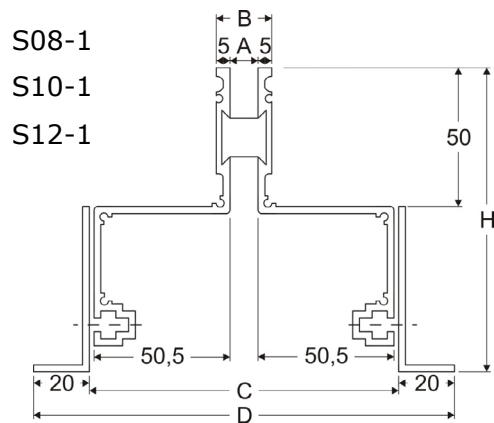


## TYPE AND QUANTITY OF TAPPING TO ORDER FOR EACH METRE OF FLOOR SLOT DIFFUSER

Type of floor slot diffuser	S08-1	S10-1	S12-1	S16-2	S20-2	S24-2	S30-3
Tapping/linear metre	2xD100	2xD100	2xD100	3xD100 or 2xD125	3xD100 or 2xD125	2xD160	2xD160

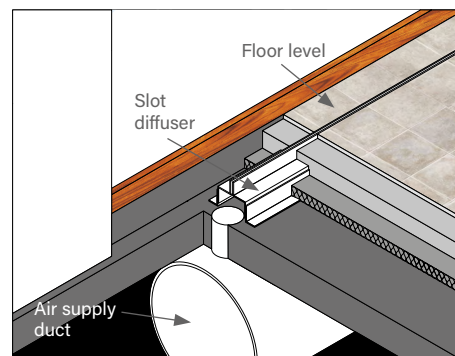
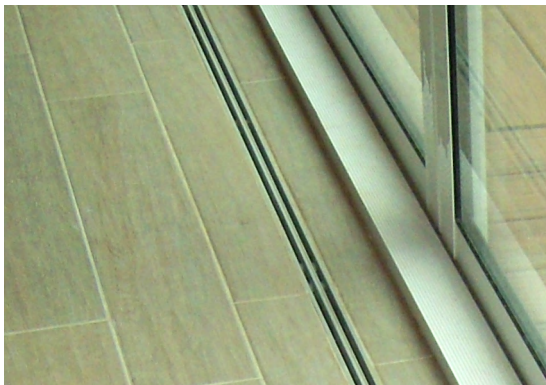
## DIMENSIONS (EN MM)

	A	B	C	D	H
S08-1	8	18	109	149	2 possible heights: • 100 to 150 mm • 150 to 200 mm
S10-1	10	20	111	151	
S12-1	12	22	113	153	
S16-2	8	34	125	165	
S20-2	10	38	129	169	
S24-2	12	42	133	173	
S30-3	10	56	147	187	



## INSTALLATION

Example with a hollow block floor





# Ventilation accessories

## FRESH AIR ACCESSORIES

Fresh air grate with weather protection grate and wall duct (wall thickness 250 to 400mm)  
Canal Fast : compact fan to be installed in a duct

Designation / Model	Reference
grate PA160 (200 m³/h)	WFA03480
grate PA200 (300 m³/h)	WFA03481
grate PA250 (400 m³/h)	WFA03482
grate PA315 (700 m³/h)	WFA03483
Damper Ø160	WCH03758
Damper Ø200	WCH03759
Damper Ø250	WCH03760
Damper Ø315	WCH03761

## EXTRACTOR OR BLOWER GRATE

Natural anodised aluminium grate with sealing frame. Plan to use standard grates for the intake and double deflector option grates for the blowers. Plan for adjusters when there are several blower grates. Wall or ceiling mounted. Galvanised adapters can be used to connect the grate directly to the circular duct.  
Res.: 610 x 210 or 610 x 410.

Position	Designation / Model	Reference
6	Damper + double deflection 625 x 225	WTT02369
	Damper + double deflection 625 x 425	WTT02370
	625 x 225 grate (flow 500 to 1250 m³/h)	WTT02354
	625 x 225 counter frame	WTT02358
	625 x 425 grate (flow 1250 to 2500 m³/h)	WTT02355
	625 x 425 counter frame	WTT02359
	Double deflector 625 x 225	WTT02365
	Double deflector 625 x 425	WTT02366
	Regulator 625 x 225	WTT02367
	Regulator 625 x 425	WTT02368
7	Adapter 600 x 200 (Ø 315)	WCH01226
	Adapter 600 x 200 (Ø 400)	WCH03684
	Adapter 600 x 400 (Ø 500)	WCH01227
	Adapter 600 x 400 (Ø 630)	WCH03685



## GRATE FOR CIRCULAR DUCT

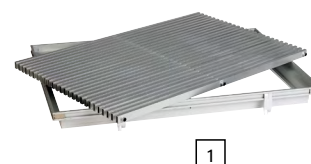
Steel grey painted blower grate, double deflector flow regulator. Direct assembly onto circular ducts.

Designation / Model	Reference
grate 625 x 75 on Ø 160 to 400 (250 m³/h)	WFA03467
grate 625 x 125 on Ø 315 to 900 (400 m³/h)	WFA03309
Regulator 625 x 75	WFA03468
Regulator 625 x 125	WFA03310

## REINFORCED 600 X 400 GROUND ATE

Reinforced natural aluminium ground grate. Sealing frame supplied. Reinforced frames and profiles.

Position	Designation / Model	Reference
1	Floor grate 600 x 400 (flow 1000 to 2500 m³/h)	WPA01804



## CEILING SLOT DIFFUSER

Anodised natural aluminium ceiling slot diffuser with adapter and regulator. Installation in ceiling service area. Height 285 mm. Ø 160 connection prepared.

Position	Designation / Model	Reference
8	2 Slot diffuser L 900 mm (250 m³/h)	WAL03030
9	Flexible duct Ø 160 (linear m)	WCH01183
10	Connection 45°, Ø 160/315	WCH01256
	Connection 45°, Ø 160/315	WCH01256
	Punching 45° Ø 160/400	WCH01260

## FLEXIBLE DUCT

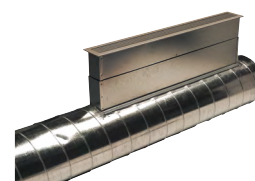
Position	Designation / Model	Reference
9	Flexible duct Ø 160 (linear m)	WCH01183
	Flexible duct Ø 200 (linear m)	WCH01185
	Flexible duct Ø 315 (linear m)	WCH01186
	Flexible duct Ø 400 (linear m)	WCH01187
	Flexible duct Ø 500 (linear m)	WCH01188

## BLOWER GRATE

Natural anodised aluminium, fixed wing, flow regulation included. Connection, rectangular and connecting boxes: galvanised metal box fitted between the grate and the blower duct, see diagram below.

Position	Designation / Model	Reference
2	Supply grate 500 x 50 (flow 75 to 125 m³/h) reservation	WAL03029
	Supply grate 500 x 75 (flow 125 to 175 m³/h) reservation	WAL02750
	Supply grate 1000 x 50 (flow 150 to 250 m³/h) reservation	WAL02748
	Supply grate 1000 x 75 (flow 250 to 350 m³/h) reservation	WAL02751
	Supply grate 1000 x 100 (flow 350 to 500 m³/h) reservation	WAL03028
3	Rectangular Connection 500 x 50 Adjustable height 200 to 340 mm	WCH03691
	Rectangular Connection 500 x 75 Adjustable height 200 to 340 mm	WCH01219
	Rectangular Connection 1000 x 50 Adjustable height 200 to 340 mm	WCH01220
	Rectangular Connection 1000 x 75 Adjustable height 200 to 340 mm	WCH01221
	Rectangular Connection 1000 x 100 Adjustable height 200 to 340	WCH03692
4	Connection box 500 x 50 Connection Ø 160 mm	WCH03693
	Connection box 500 x 75 Connection Ø 160 mm	WCH01222
	Connection box 1000 x 50 Connection Ø 160 mm	WCH01223
	Connection box 1000 x 75 Connection Ø 160 mm	WCH01224
	Connection box 1000 x 100 Connection Ø 200 mm	WCH03000
5	Under-floor connection box 500 x 50 Connection Ø 160 mm	WCH03710
	Under-floor connection box 500 x 75 Connection Ø 160 mm	WCH03711
	Under-floor connection box 1000 x 50 Connection Ø 160 mm	WCH03712
	Under-floor connection box 1000 x 75 Connection Ø 160 mm	WCH03713
	Under-floor connection box 1000 x 100 Connection Ø 200 mm	WCH03714

2 + 3



2 + 4



5



## FITTING ACCESSORIES

Complete set including: perforated fixing band (2 25 m rolls), cement (3 cartridges), adhesive (2 50 m rolls), suspenders with washers and fixtures.

Position	Designation / Model	Reference
9	Fixing accessories set	WCH03728
	Fixing accessories set	WCH03728
	Flexible anti-vibration sleeve width 150 mm (price per metre)	WCH03409
	Flexible anti-vibration sleeve width 150 mm (price per metre)	WCH03409



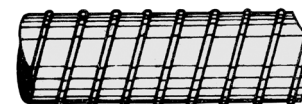
# Ventilation accessories

## Ø 315 DUCTS AND ACCESSORIES

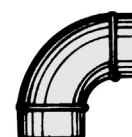
Galvanised metal elements thickness 6/10. Diameter Ø 315 for connection to DF 403, 405, 408. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Flange (flat punching 90°) Ø 315	WCH01231
Galvanised duct Ø 315 (lm) shipped in 2m lengths	WCH01179
Galvanised elbow 90°, Ø 315	WCH01201
Galvanised elbow 45°, Ø 315	WCH01207
Male sleeve Ø 315	WCH01191
Female sleeve Ø 315	WCH03050
Cap Ø 315	WCH01196
T 90° equal Ø 315	WCH01211
Reduction Ø315/250	WCH03755

Circular duct



Elbow 90°



## Ø 400 DUCTS AND ACCESSORIES

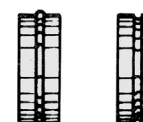
Galvanised metal elements thickness 6/10. Diameter Ø 400 for 410, 412 CAE 508. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Punching 45° Ø 160/400	WCH01260
Galvanised duct Ø 400 (ml) shipped in 2m lengths	WCH01180
Galvanised elbow 90° Ø 400	WCH01203
Galvanised elbow 45° Ø 400	WCH01208
Male sleeve Ø 400	WCH01192
Female sleeve Ø 400	WCH03051
Cap Ø 400	WCH01197
T 90° equal Ø 400	WCH01212
Reducer Ø 400/315	WCH01215

Elbow 45°



Sleeve



## Ø 500 DUCTS AND ACCESSORIES

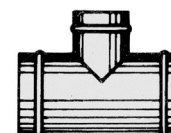
Galvanised metal elements thickness 6/10. Diameter Ø 500 for CAE 510-513 and OMEGA. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Galvanised duct Ø 500 (ml) shipped in 2m lengths	WCH01181
Galvanised elbow 90° Ø 500	WCH01204
Galvanised elbow 45° Ø 500	WCH01209
Male sleeve Ø 500	WCH01193
Female sleeve Ø 500	WCH03052
Cap Ø 500	WCH01198
T 90° equal Ø 500	WCH01213
Reducer Ø 500/400	WCH01216
Reducer Ø 500/315	WCH01217

Cap



T 90° equal



## Ø 630 DUCTS AND ACCESSORIES

Galvanised metal elements thickness 6/10. Diameter 630, for Omega 16-20. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference
Galvanised duct Ø 630 (ml) shipped in 2m lengths	WCH01182
Galvanised elbow 90° Ø 630	WCH03329
Galvanised elbow 45° Ø 630	WCH03424
Male sleeve Ø 630	WCH03325
Female sleeve Ø 630	WCH03720
Cap Ø 630	WCH03330
T 90° equal Ø 630	WCH03326
Reducer Ø 630/500	WCH03327
Reducer Ø 630/400	WCH03328

Reducer



# HEATING



**ZODIAC®**

**HEATING SOLUTIONS** P.144

**HEAT PUMPS** P.145

- Z550iQ p.154
- Z400iQ p.156
- Z400iQ Stainless p.158
- PX50 p.160
- PM40 p.162
- Z300 p.164
- Z200 defrost p.166
- Z200 p.168
- Power Force p.170
- Z700 Duo p.172

**ELECTRIC HEATERS** P.174

- RE/U p.175
- RED LINE p.176
- RE/L p.177

**EXCHANGERS** P.178

- Uranus p.179
- Heat Line p.181



# HEATING

## SWIMMING POOL HEATING SOLUTIONS

### why choosing a heating system

#### Did you know it ?

- Equipping the pool with an isothermal cover allows to divide the power need by 2 !  
As a result, if 12kW is needed to heat a pool without isothermal cover, 6kW is enough to heat the same pool with isothermal cover.
- Using the heat pump when the outdoor air is the hottest will allow to maximize the performances (hence minimize the electricity consumption). Heating during hot sunny days and covering at night is the optimal solution!
- Covering the pool at night (or when the outdoor air T°C is fresher) with an isothermal cover, will slow down the decrease of pool T°C.

### > PARAMETERS FOR CHOOSING A HEATING SYSTEM

To define a system suitable for a pool, many parameters need to be considered. The most important parameters (but non-exhaustive) are the ones below:

1. Average outdoor air temperature (°C)
2. Desired pool water target temperature (in °C)
3. Period of use
4. Pool volume (m3)
5. Presence of an isothermal cover or not
6. Filtration time




To consider all the parameters which impact the sizing of a heating system, online Zodiac configurators are available:

- For professionals, visit our pro space website: <https://pro.zodiac-poolcare.com/>
- For public use, visit our Zodiac website with a simplified and user-friendly interface: <https://www.zodiac-poolcare.co.uk/> you **maximum comfort at a lower cost.**

The choice of heating equipment also depends on the energy source that will be used.



#### COMPARATIVE TABLE OF RANGES

	Heat pumps	Electric heaters	Heat exchangers
			
Solution	Stand-alone, dedicated to the pool	Stand-alone, dedicated to the pool	Coupled to the domestic heating
Energy used	Electricity	Electricity	Domestic heating source (gas, oil, electricity, renewable, etc.)
Running cost	€*	€€€	€ to €€€**
Investment	€€	€	€
Advantages	Economical Efficient	Simple installation	Compatible with all heating systems
Uses	All open air or indoor pools	Spas and pools used at weekends or holiday homes	Indoor and outdoor pools close to the boiler in the house

\* A heat pump is a very efficient solution which can reconstitute great more power than it consumes thanks to its thermodynamic system.

\*\* The running cost will depend on the heating source. If renewable (e.g solar energy), it will be very low. However, with a gas, oil or electricity heating source, the running costs will be higher.



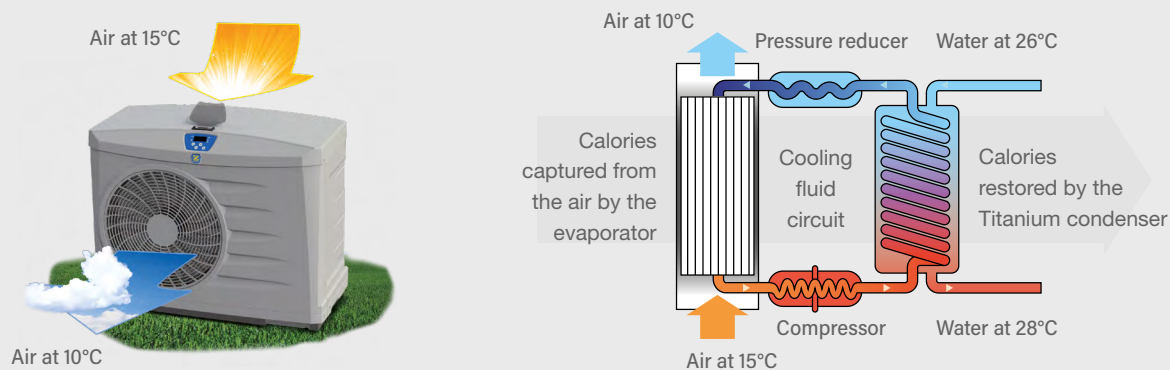
# HEAT PUMPS

## The economical and ecological solution

Heat pumps are the ideal solution for heating the pool while also saving energy.

### > HOW DOES IT WORK?

The heat pump is a **thermodynamic system**. Its operating principle is very simple: the system takes calories from the air and transfers them directly to the water in the pool.



80% of the energy comes from the air.  
20% of the energy comes from your electricity supplier.

The heat pump recovers calories from the outside air.  
The heat pump restores calories to the water in the pool by thermodynamic exchange.

Heat pumps can be installed easily on pools under construction and on existing pools, by a simple electrical or hydraulic connection.

### > ACTIVE OR PASSIVE DEFROSTING

When the outside temperature is low, the evaporator will tend to ice up, which reduces its efficiency; this ice must therefore be removed. There are 2 types of defrosting:

- **Passive defrosting: By ventilation for a seasonal use (minimum outside air temperature > 5°C)**

Heat pump will stand by for a few minutes. Only the fan operates, forcing outside air to defrost naturally. This type of defrosting is only efficient when the outside air temperature is above +5°C, for a seasonal use only.

- **Active defrosting: By cycle inversion - for extended or full season (minimum outside air temperature < 5°C)**

The refrigerating circuit is reversed, heat from the water in the pool is taken to defrost the evaporator. This allows operation at temperatures down to -12°C. This type of defrosting allows an extended use as it is able to defrost when the outside temperature is below +5.



# HEATING

## > UNDERSTANDING THE CONCEPT OF PERFORMANCE

Two main values characterise the performance of heat pumps: their power and their performance coefficient.

• **Power, expressed in kW**, indicates the quantity of heat transferred to the water.

It is expressed in specific climatic conditions to which the heat pump is exposed during use:

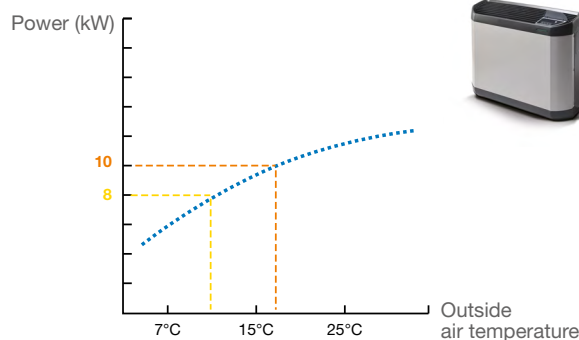
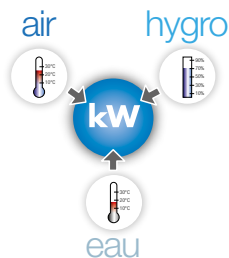
- Temperature of the outside air
- Humidity of the outside air
- Temperature of the water in the pool.

The power of a heat pump will mostly depend on the outside air temperature.

The hotter the air is, the higher the power in kW, hence the higher COP.

For instance (see graphic), a Z400iQ will restitute 9,96kW @15°C air / 26°C water / 70% humidity and 12,56kW @28°C air / 28°C water / 80% humidity.

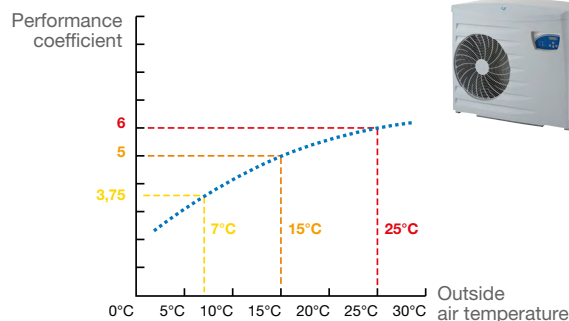
Accordingly, it is very important to compare performances in the same conditions !



• The **coefficient of performance (COP)** is the ratio between the restituted power and the power consumption of the heat pump. As a result, it is the ratio at specific climatic conditions too.

As an example, a performance coefficient of 5 means that for 1 kWh consumed at the electricity meter, the heat supplies 5 times more energy to the water in the pool, or 5 kWh.

So the higher the performance coefficient, the more efficient and economical the system.



## > ZODIAC® HEAT PUMPS: NF-CERTIFIED HEAT PUMPS

NF-certification for swimming pool heat pumps means:

- Certified performance (restituted power, consumed power, performance coefficient, noise level) measured in an accredited laboratory by a certification body.
- An annual performance test of products and information given in the catalogue.
- Certification of the manufacturer and annual audit to maintain this certification.
- Service guarantee to customers: appropriate after-sales service organisation, spare parts available for 10 years, etc.

**A true measure of performance, quality and service commitment for its customers and the end consumer!**



**REFERENCE POINT**  
The NF mark is very well-known by the public: 90% of French people know it and identify it as a sign of quality.



Zodiac® is the first manufacturer to offer NF-certified swimming pool heat pumps.

# HEAT PUMPS

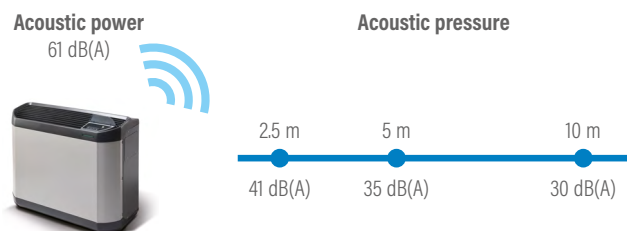
## A silent installation

### > MEASURING NOISE LEVEL ACCURATELY

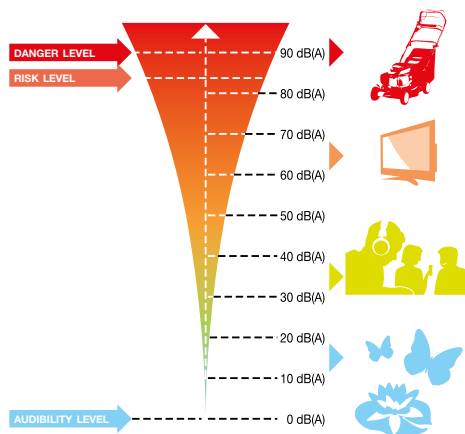
The latest technologies used in the design of evaporators, fans and compressors make Zodiac® heat pumps extremely quiet.

The noise level should be measured by a certified body to obtain a real and objective value. It is expressed:

- Either **as acoustic power dB(A)**: this is the unmodified noise level of the emitting source.
- Or **as acoustic pressure dB(A)**: this is the sound level perceived by the human ear. It depends on the installation environment and distance at which the measurement is made. It must therefore always include a measuring distance.



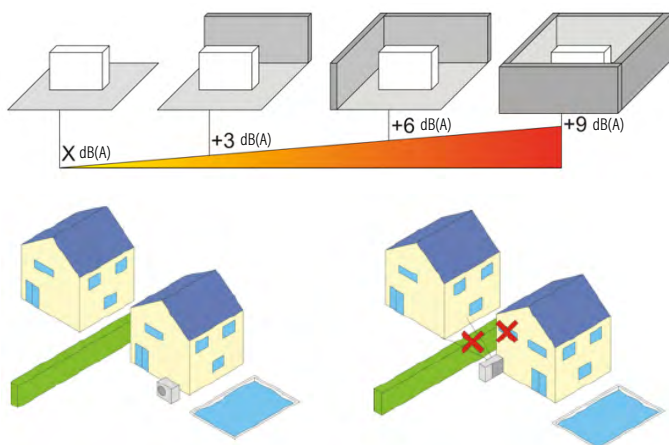
### NOISE SCALE



To compare the noise level of several machines, check what type of value you have, power or pressure, and if it is pressure then at what distance it is measured!

### > OPTIMIZING THE INSTALLATION OF A HEAT PUMP

A heat pump system includes 'moving' parts (compressor, fan, etc.), vibrations from which can spread and build up.



To avoid or reduce disturbances, a few installation rules should be followed:

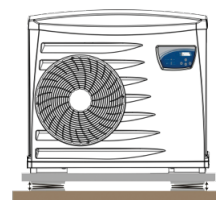
- **Favour open spaces** (avoid corners or interior courtyards), because sound waves coming from all sides of the system are reflected by the surfaces facing them.
- **Do not install the system below or facing a window.**
- **Relative to neighbouring properties:**
  - Install the system as far as possible from property boundaries.
  - The fan should not point towards neighbouring properties.

### > REDUCE TRANSMISSION OF VIBRATIONS THROUGH THE BASE

- Use suitable anti-vibration blocks.
- Renew them if necessary to absorb vibrations, because they lose effectiveness over time.
- Build a mounting base. It should weigh at least twice as much as the heat pump. It must be independent from a building.



Anti-vibration blocks  
(ref : WAP3064)



Mounting base

## > ACOUSTIC POWER & PRESSURE TABLE

	Acoustic Power (Lw) (dB(A))	Acoustic Pressure (Lp) at n metres (dB(A)) (Based on EN60704-1:2010+A11:2012 technical standard)									
		1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
Z 200 M2 / MD2	66	52	48	45	42	41	39	38	37	36	35
Z 200 M3 / MD3	67	53	49	46	43	42	40	39	38	37	36
Z 200 M4 / MD4	69	55	50	47	45	43	42	40	39	38	37
Z 200 M5 / MD5	72	58	53	50	48	46	45	43	42	41	41
Z 300 M4	67	53	48	45	43	41	40	39	38	37	36
Z 300 M5	68	54	49	46	44	42	41	40	39	38	37
Z 300 M7	70	56	51	48	46	44	43	42	41	40	39
Z 300 T5	67	53	48	45	43	41	40	39	38	37	36
Z400iQ MD4-Silent mode	61	47	42	39	37	35	34	33	32	31	30
Z400iQ MD4-Standard mode	64	50	45	42	40	38	37	36	35	34	33
Z400iQ MD5-Silent mode	63	49	44	41	39	37	36	35	34	33	32
Z400iQ MD5-Standard mode	65	51	46	43	41	39	38	37	36	35	34
Z400iQ MD7-Silent mode	63	48	44	41	39	37	36	35	34	33	32
Z400iQ MD7-Standard mode	66	51	47	44	42	40	39	38	37	36	35
Z400iQ TD7-Silent mode	66	51	47	44	42	40	39	38	37	36	35
Z400iQ TD7-Standard mode	68	53	49	46	44	42	41	40	39	38	37
Z400iQ MD8-Silent mode	61	46	42	39	37	35	34	33	32	31	30
Z400iQ MD8-Standard mode	64	49	45	42	40	38	37	36	35	34	33
Z400iQ TD8-Silent mode	62	47	43	40	38	36	35	34	33	32	31
Z400iQ TD8-Standard mode	65	50	46	43	41	39	38	37	36	35	34
Z400iQ MD9-Silent mode	62	47	43	40	38	36	35	34	33	32	31
Z400iQ MD9-Standard mode	64	49	45	42	40	38	37	36	35	34	33
Z400iQ TD9-Silent mode	63	48	44	41	39	37	36	35	34	33	32
Z400iQ TD9-Standard mode	66	51	47	44	42	40	39	38	37	36	35
Z550iQ MD4 - 50% capacity	54	40	35	32	30	28	27	26	25	24	23
Z550iQ MD4 - 100% capacity	62	48	43	40	38	36	35	34	33	32	31
Z550iQ MD5 - 50% capacity	57	43	38	35	33	31	30	29	28	27	26
Z550iQ MD5 - 100% capacity	66	52	47	44	42	40	39	38	37	36	35
Z550iQ TD5 - 50% capacity	56	42	37	34	32	30	29	28	27	26	25
Z550iQ TD5 - 100% capacity	66	52	47	44	42	40	39	38	37	36	35
Z550iQ MD8 - 50% capacity	53	39	34	31	29	27	26	25	24	23	22
Z550iQ MD8 - 100% capacity	67	53	48	45	43	41	40	39	38	37	36
Z550iQ TD8 - 50% capacity	57	43	38	35	33	31	30	29	28	27	26
Z550iQ TD8 - 100% capacity	67	53	48	45	43	41	40	39	38	37	36

	Acoustic Power (Lw) (dB(A))	Acoustic Pressure (Lp) at n metres (dB(A)) (Based on EN60704-1:2010+A11:2012 technical standard)									
		1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
PM40 MD1 - Silent mode	62	49	44	41	39	37	36	34	33	32	31
PM40 MD1 - Standard mode	63	50	45	42	40	38	37	35	34	33	32
PM40 MD2 - Silent mode	64	50	45	42	40	38	37	36	34	34	33
PM40 MD2 - Standard mode	66	52	47	44	42	40	39	38	36	36	35
PM40 MD3 - Silent mode	64	50	45	42	40	38	37	36	35	34	33
PM40 MD3 - Standard mode	67	53	48	45	43	41	40	39	38	37	36
PM40 MD4 - Silent mode	64	50	45	42	40	38	37	36	35	34	33
PM40 MD4 - Standard mode	67	53	48	45	43	41	40	39	38	37	36
PM40 MD5 - Silent mode	64	50	46	43	40	39	37	36	35	34	33
PM40 MD5 - Standard mode	69	55	51	48	45	44	42	41	40	39	38
PM40 MD7 - Silent mode	72	58	54	51	48	47	45	44	43	42	41
PM40 MD7 - Standard mode	74	60	56	53	50	49	47	46	45	44	43
PM40 MD8 - Silent mode	76	61	57	54	52	50	49	47	46	45	44
PM40 MD8 - Standard mode	77	62	58	55	53	51	50	48	47	46	45
PM40 TD7 - Silent mode	74	60	56	53	50	49	47	46	45	44	43
PM40 TD7 - Standard mode	75	61	57	54	51	50	48	47	46	45	44
PM40 TD8 - Silent mode	73	58	54	51	49	47	46	44	43	42	41
PM40 TD8 - Standard mode	76	61	57	54	52	50	49	47	46	45	44
PM40 TD12- Silent mode	75	60	56	53	51	49	48	47	46	45	44
PM40 TD12 - Standard mode	76	61	57	54	52	50	49	48	47	46	45
PX50 MD3 - 20% capacity	53	39	34	31	29	27	26	25	23	22	22
PX50 MD3 - 100% capacity	65	52	47	44	42	40	39	37	36	35	34
PX50 MD4 - 20% capacity	54	40	35	32	30	28	27	25	24	23	23
PX50 MD4 - 100% capacity	67	53	48	45	43	41	40	38	37	36	36
PX50 MD5 - 20% capacity	54	40	36	33	31	29	27	26	25	24	23
PX50 MD5 - 100% capacity	71	56	52	49	47	45	44	42	41	40	39
PX50 MD6 - 20% capacity	55	41	36	33	31	29	28	26	25	24	23
PX50 MD6 - 100% capacity	71	57	52	49	47	45	44	43	42	41	40
PX50 MD7 - 20% capacity	56	41	37	34	32	30	28	27	26	25	24
PX50 MD7 - 100% capacity	73	58	54	51	49	47	45	44	43	42	41
PX50 MD9 - 20% capacity	56	42	37	34	32	31	29	28	27	26	25
PX50 MD9 - 100% capacity	73	59	55	52	50	48	46	45	44	43	42
PX50 MD/TD11 - 20% capacity	58	43	38	36	33	32	30	29	28	27	26
PX50 MD/TD11 - 100% capacity	75	60	55	53	51	49	48	46	45	44	43
PX50 MD/TD12 - 20% capacity	58	43	39	36	34	32	31	30	29	28	27
PX50 MD/TD12 - 100% capacity	75	60	56	53	51	49	48	47	46	45	44
Z700 Duo MD5	67	52	48	45	43	42	40	39	38	37	36
Z700 Duo MD8	65	49	45	42	40	39	37	36	35	34	33
Z700 Duo TD5	67	52	48	45	43	42	40	39	38	37	36
Z700 Duo TD8	65	49	45	42	40	39	37	36	35	34	33
Power force 25T	70	52	49	46	45	43	42	41	40	39	38
Power force 35T	71	52	49	47	45	44	42	41	40	39	39



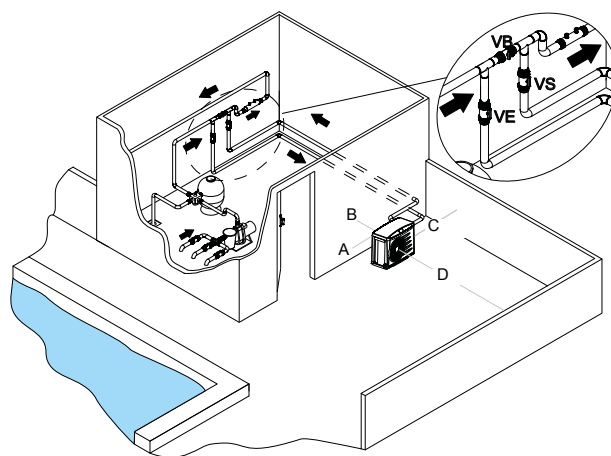
## > INSTALLATION RECOMMENDATIONS

- Outside, close to the technical room, at sufficient distance from the pool (according to applicable electrical standards).
- On a stable, solid and level surface.
- Between the heat pump and its surroundings (walls, plants, etc.), maintain minimum distances as shown in the diagram below.

### INSTALLATION OF A HORIZONTAL HEAT PUMP

Minimum free area in meter

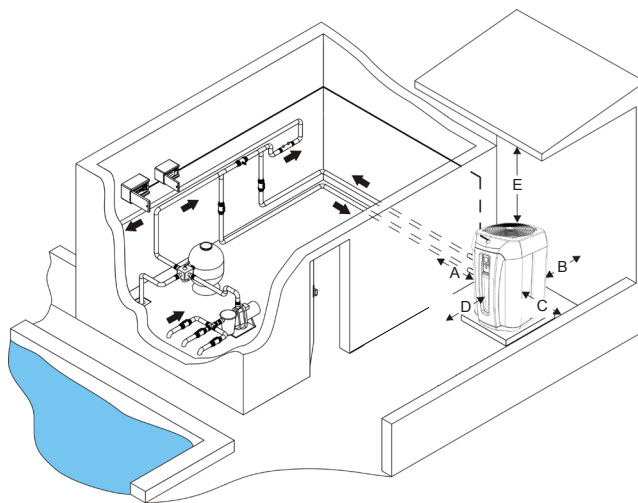
	A	B	C	D
Z200 / Z200D	0,5	0,5	0,8	2,5
Z300	0,5	0,5	0,8	2,5
PM40	0,5	0,5	0,8	2,5
PX50	0,5	0,5	0,8	2,5
POWERFORCE	0,5	0,5	0,8	2,5



### INSTALLATION OF A VERTICAL HEAT PUMP

Minimum free area in meter

	A	B	C	D	E
Z400iQ	0,5	0,5	0,5	0,5	2
Z550iQ	0,5	0,5	0,5	0,5	2



These schemes show the recommended distances for maximum efficiency and ease of maintenance. Alternative installation layout may be considered, with possible impacts on performances and serviceability.

For complete installation instructions, please refer to the user manual.

### VERTICAL VS HORIZONTAL BLOWING

**Vertical blowing has 2 main advantages:**

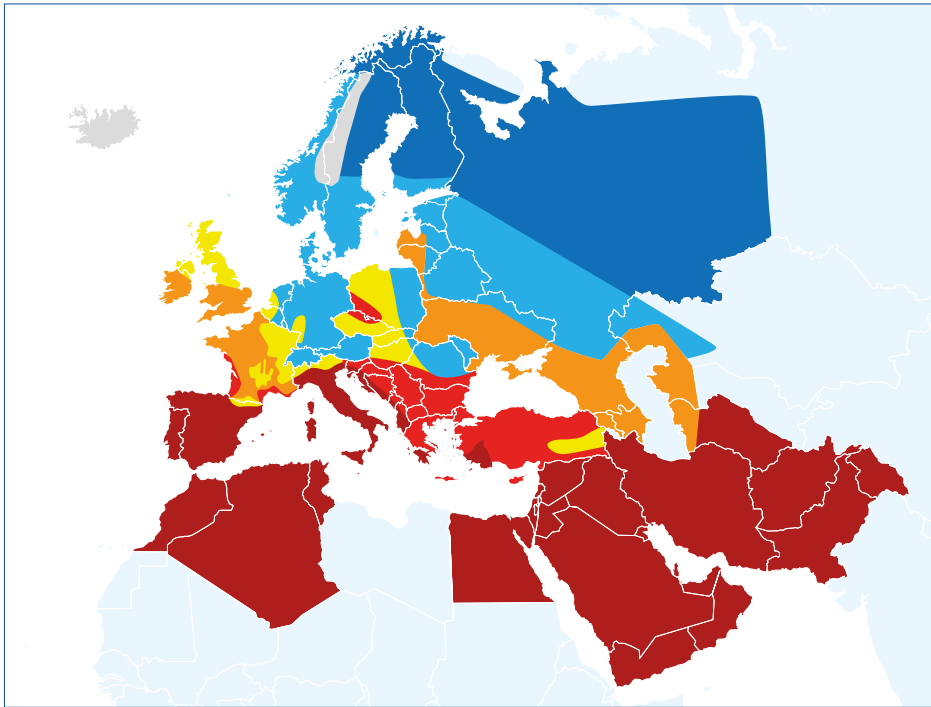
- It is typically suitable for small spaces as a reduced free area is required around the unit.
- With a same sound level between a horizontal and vertical heat pump, the perceived sound level will be lower for vertical heat pumps because the air is blown upwards.


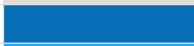





### CHOOSING A HEAT PUMP WITH AN AUTOMATIC COOLING MODE

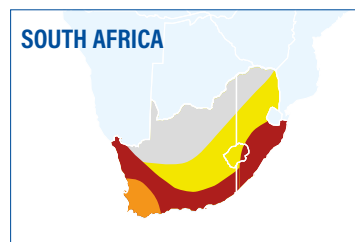
It is not recommended to maintain the temperature of the water in the pool at a higher temperature than +30°C to prevent water quality from deteriorating, turning green and damaging the liner. In hot areas, during hot seasons or if the pool is equipped with a shelter, it is common that the pool water temperature can exceed +30°C.

A heat pump with an automatic cooling mode will stabilize the pool water temperature at the desired target, below 30°C.

## > CLIMATE ZONES








Zone 1	
Zone 2	
Zone 3	
Zone 4	
Zone 5	
Zone 6	
Zone 7	



Caribbean Islands, Reunion Island, Canary Islands are part of zone 7.

## > HEAT PUMPS

The economical and ecological solution

COMPARATIVE TABLE OF RANGES  TECHNICAL SPECIFICATIONS		Z200	Z200D	Z300	PM40
					
Key drivers for a fast pre-selection	Claims	Pool heating made simple	Pool heating made simple	High performance and quiet-certified	The silent On-Off solution
	Maximum pool size (m³) *	80	80	110	190
	Min Air T°C	+5°C	-5°C	+5°C	-8°C
	Seasonality	Season	Extended season	Season	Extended season
	Technology	ON-OFF	ON-OFF	ON-OFF	ON-OFF
	Cooling mode	x	x	x	✓
	App control (wifi)	x	x	x	x
	Air blowing type	++ Horizontal	++ Horizontal	++ Horizontal	++ Horizontal
	Free area around the heat pump	++	++	++	++
	Electric power supply	Single-phase	Single-phase	Single-phase and three phase	Single-phase and three phase
	Can be installed indoor	x	x	✓	x
Performances	Range of powers (@28°C Air / 28°C Water)	6.7 kW to 14.8 kW (4 powers)	6.7 kW to 14.8 kW (4 powers)	9 kW to 16.1 kW (4 powers)	4.7 kW to 32 kW (10 powers)
	Range of powers (@15°C Air / 26°C Water)	4.8 kW to 10.1 kW (4 powers)	4.8 kW to 10.1 kW (4 powers)	7.6 kW to 13.7 kW (4 powers)	3.2 kW to 23 kW (10 powers)
	Noise level	+	+	+	++
	Compressor type	++ ON/OFF	++ ON/OFF	++ ON/OFF	++ ON/OFF
	Fan type	+	+	+	++
	Gas type	ON/OFF	ON/OFF	ON/OFF	ON/OFF (2 speeds)
Performances comparison at close powers (@15°C air / 26°C water)	Gas type	R32	R32	R410A	R32/R410A
	Power in kW @28°C	14,8 kW	14,8 kW	13 kW	14,7 kW
	COP @28°C	4,6	4,6	5,5	6,2
	Power in kW @15°C	10,1 kW	10,1 kW	10,4 kW	10,5 kW
	COP @15°C	4	4	4,7	4,8
	Acoustic power (dB)	72	72	68	Standard: 69 Silence: 64
Modes	Acoustic pressure (dB) @10m	41	41	37	Standard: 38 Silence: 33
	Number of modes	1	1	1	2 (Automatic)
	Silence mode	x	x	x	✓ (Automatic, fan only)
	Smart mode	x	x	x	x
Technical features	Boost/Standard mode	✓	✓	✓	✓
	Defrosting type	++ Forced ventilation	+++ Cycle inversion	++ Forced ventilation	+++ Cycle inversion
	Casing	Polypropylene	Polypropylene	Polypropylene	Galvanized steel
Ease of use	OTA (over-the-air firmware update)	x	x	x	x
	Heating priority (filtration control)	✓	✓	✓	✓
	Remote HMI	✓	✓	✓	✓
Warranty	HMI type	LCD	LCD	LCD	LCD LED
	Heat Pump	3 years	3 years	3 years	2 years (3 years for France)
Included Accessories	Condenser	5 years	5 years	5 years	5 years
		• Winter cover • Condensate drain kit • PVC and gaskets, 1/2 unions, Ø 40 & Ø 50 • Anti-vibration pads	• Winter cover • Condensate drain kit • PVC and gaskets, 1/2 unions, Ø 40 & Ø 50 • Anti-vibration pads	• Winter cover • Condensate drain kit • PVC and gaskets, 1/2 unions, Ø 50 • Anti-vibration pads	• Winter cover • Condensate drain kit • PVC and gaskets, 1/2 unions, Ø 50 • Anti-vibration pads • Remote control kit (including 10m extension cable).
	Optional accessories	• Remote control kit (new display + 20m wire) • Wall mounting kit	• Remote control kit (new display + 20m wire) • Wall mounting kit	• Remote control kit (new display + 20m wire) • Wall mounting kit • Technical room kit • Condensate tray	
NF PAC					

\* For a pool with cover, depth 1,5m, zone 7, 14h filtration time, from May to September, target temperature @28°C.

\*\* @ minimum compressor speed








## > AN ECOLOGICAL SOLUTION

From the energy in the air and using its compressor, **the heat pump supplies 4 to 5 times more power than it consumes.**



### DID YOU KNOW?

80% of the energy used to heat the pool comes from the outside air!

COMPARATIVE TABLE OF RANGES		PX50	Z400iQ	Z550iQ	POWER FORCE
TECHNICAL SPECIFICATIONS					
Key drivers for a fast pre-selection	Claims	Full Inverter Technology	Elegant and discrete	The eco-silent choice	Small to medium public pool
	Maximum pool size (m³) *	195	145	120	305
	Min Air T°C	-12°C	-12°C	-12°C	-12°C
	Seasonality	All year round	All year round	All year round	All year round
	Technology	FULL INVERTER	ON-OFF	FULL INVERTER	ON-OFF
	Cooling mode	✓	✓	✓	✓
	App control (wifi)	x	✓ (embedded)	✓ (embedded)	x
	Air blowing type	++ Horizontal	+++ Vertical	+++ Vertical	++ Horizontal
	Free area around the heat pump	++	+++	+++	++
	Electric power supply	Single-phase and three phase	Single-phase and three phase	Single-phase and three phase	Three phase
Performances	Can be installed indoor	x	x	✓	x
	Range of powers (@28°C Air / 28°C Water)	9 kW to 35 kW (10 powers)	9.83 kW to 22.05 kW (3 powers)	12.5 kW to 20 kW (3 powers)	33 kW and 45,5 kW (2 powers)
	Range of powers (@15°C Air / 26°C Water)	6.3 kW to 24 kW (10 powers)	7.94 kW to 17.5 kW (3 powers)	9,5 kW to 15 kW (3 powers)	28,7 kW and 37 kW (2 powers)
	Noise level	+++	++	+++	++
	Compressor type	+++ Inverter	++ ON/OFF"	+++ Inverter	++ ON/OFF
	Fan type	+++ Inverter	++ ON/OFF ( 2 speeds)	+++ Inverter	+++ Inverter
Performances comparison at close powers (@15°C air / 26°C water)	Gas type	R32/R410A	R32/R410A	R410A	R410A
	Power in kW @28°C	13,5 kW	12,56 kW	12,5 kW	33 kW
	COP @28°C	16**	5,23	7,6**	5,4
	Power in kW @15°C	9,4 kW	9,96 kW	9,5 kW	28,7 kW
	COP @15°C	8**	4,40	5,7**	5,1
	Acoustic power (dB)	Boost: 71 Silent: 54	Standard: 65 Silent: 63	Boost: 62 Silent: 54	70
Modes	Acoustic pressure (dB) @10m	Boost: 39 Silent: 23	Standard: 34 Silent: 32	Boost: 31 Silent: 23	38
	Number of modes	3 (Automatic or manual)	2 (Automatic or Manual)	3 (Automatic or manual)	2 (Automatic)
	Silence mode	✓ (Automatic or manual, Fan + Compressor)	✓ (Automatic or manual, fan only)	✓ (Automatic or manual, Fan + Compressor)	✓ (Automatic, fan only)
	Smart mode	✓	x	✓	x
Technical features	Boost/Standard mode	✓ (Automatic or manual)	✓	✓ (Automatic or manual)	✓
	Defrosting type	+++ Cycle inversion	+++ Cycle inversion	+++ Cycle inversion	+++ Cycle inversion
	Casing	Galvanized steel + ABS top panel	Polypropylene body + galvanized steel (or stainless steel depending on the version) front panel	Polypropylene	Galvanized steel, epoxy painted body
	OTA (over-the-air firmware update)	x	✓	✓	x
Ease of use	Heating priority (filtration control)	✓	✓	✓	✓
	Remote HMI	✓	App'	App'	✓
	HMI type	LCD LED	LCD LED	LCD LED	LCD
Warranty	Heat Pump	2 years (3 years for France)	3 years	3 years	3 years
	Condenser	5 years	5 years	5 years	5 years
Included Accessories		<ul style="list-style-type: none"> <li>• Winter cover</li> <li>• Condensate drain kit</li> <li>• PVC and gaskets, 1/2 unions, Ø 50</li> <li>• Anti-vibration pads</li> <li>• Remote control kit (including 10m extension cable).</li> </ul>	<ul style="list-style-type: none"> <li>• Winter cover</li> <li>• Condensate drain kit</li> <li>• PVC and gaskets, 1/2 unions, Ø 50</li> <li>• Anti-vibration pads</li> <li>• Free mobile app</li> </ul>	<ul style="list-style-type: none"> <li>• Winter cover</li> <li>• Condensate drain kit</li> <li>• PVC and gaskets, 1/2 unions, Ø 50</li> <li>• Anti-vibration pads</li> <li>• Free mobile app</li> </ul>	<ul style="list-style-type: none"> <li>• Condensate drain kit</li> <li>• PVC and gaskets, 1/2 unions, Ø 50</li> <li>• Anti-vibration pads</li> </ul>
Optional accessories				<ul style="list-style-type: none"> <li>• Technical room kit</li> <li>• Condensate tray</li> </ul>	<ul style="list-style-type: none"> <li>• Remote control kit (new display + 20m wire)</li> <li>• Condensate tray</li> </ul>
NF PAC			 ( MD4 and MD5 only)		

\* For a pool with cover, depth 1,5m, zone 7, 14h filtration time, from May to September, target temperature @28°C.

\*\* @ minimum compressor speed

# Z550iQ


<120M<sup>3</sup>
**3 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION


FULL INVERTER



HEAT / COOL



MIN. AIR TEMP



MADE IN EUROPE


OPTIONAL  
KIT  
TECHNICAL  
ROOM

iAquaLink<sup>®</sup>  
CONTROL

- + Full inverter technology: silent and economical
- + Fits easily into small spaces
- + Embedded connectivity

## DESCRIPTION

- Vertical blowing
- Polypropylene body
- LCD (LED) display
- Embedded wi-fi with dedicated app
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- Full inverter Technology (variable speed compressor and fan) - 3 operating modes:
  - Boost: max power for fast heat-up
  - Smart: automatic power adjustment from Ecosilence to Boost depending on the water temperature of the pool and the outside air
  - Ecosilence: reduced power to further energy savings and the lowest noise level
- Automatic cooling mode
- Automatic defrosting (cycle inversion)
- Titanium water exchanger, compatible with salt water treatment
- Inverter, scroll compressor
- DC fan, variable speed (inverter)

## ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, 1/2 unions, Ø 50
- Anti-vibration feet
- Free mobile app

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491

## TECHNICAL FEATURES

Model	Z550iQ MD4	Z550iQ MD5	Z550iQ TD5	Z550iQ MD8	Z550iQ TD8
Standard Model	WH000365	WH000366	WH000367	WH000368	WH000369
Recommended water flow (m <sup>3</sup> /h)	4	5	5	6	6
Hydraulic connection	PVC ½ unions, ø50 , glued				
Electric power supply	220-240V / 1 N~ / 50-60Hz		380-400V / 3N~/ 50-60Hz	220-240V / 1 N~ / 50-60Hz	380-400V / 3N~/ 50-60Hz
Nominal operating power (A)	9,6 - 5	12 - 4,9	5,9 - 1,6	17,6 - 7,5	6 - 3,5
Maximum operating power (A)	12,5	13,8	6	20	8
Recommended Power cable size*	3 x 2.5		5 x 2.5	3 x 6	5 x 2.5
Refrigerant fluid	R410A				
Refrigerant fluid quantity (kg)	1,30	1,50	1,50	2,40	2,60
Acoustic Power (dB(A)) @ max-min speed	62 - 54	66 - 57	66 - 56	67 - 53	67 - 57
Acoustic pressure at 10m (dB(A)) @ max-min speed**	31 - 23	35 - 26	35 - 25	36 - 22	36 - 26

## HEATING PERFORMANCE

Model	Z550iQ MD4	Z550iQ MD5	Z550iQ TD5	Z550iQ MD8	Z550iQ TD8
<b>AIR 28°C / WATER 28°C / HUMID. 80%</b>					
Operating power (kW @ max-min speed)	12,5 - 7,9	15 - 7,6	15,5 - 7,1	20 - 10,8	20 - 11,2
Consumed power (kW @ max-min speed)	2 - 1,05	2,5 - 1,05	2,4 - 0,65	3,6 - 1,55	3,5 - 1,55
COP @ max-min speed	6,1 - 7,6	5,9 - 7,4	6,6 - 10,9	5,5 - 7	5,8 - 7,7
<b>AIR 15°C / WATER 26°C / HUMID. 70% NF</b>					
Operating power (kW @ max-min speed)	9,5 - 5,5	11,5 - 5,8	11,5 - 5,8	15 - 7,8	15 - 8,2
Consumed power (kW @ max-min speed)	1,9 - 0,95	2,5 - 1,1	2,4 - 0,8	3,7 - 1,65	3,1 - 1,4
COP @ max-min speed	4,9 - 5,7	4,6 - 5,4	4,9 - 7,2	4,1 - 4,8	4,9 - 6

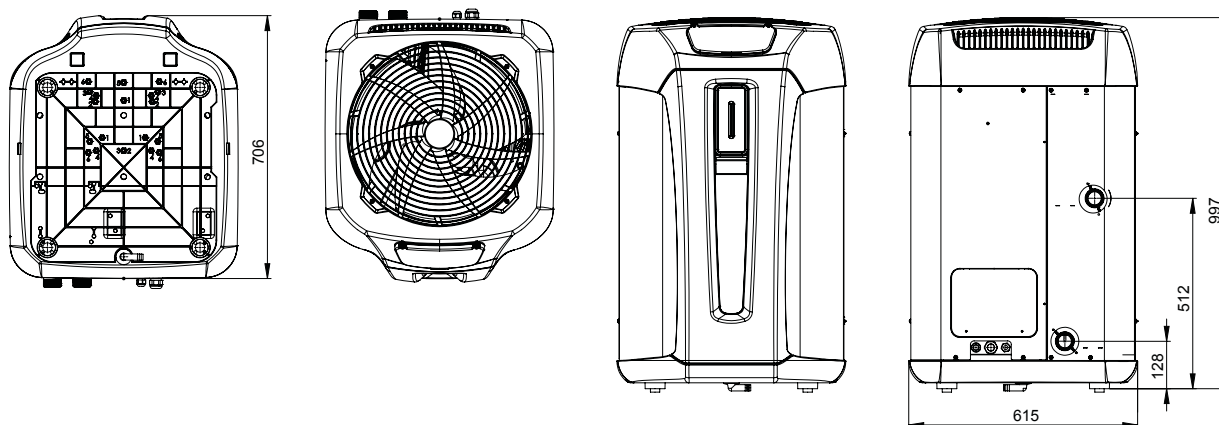
\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\*According to EN60704-1:2010+A11:2012 standard



## WEIGHT AND DIMENSIONS

Model	Z550iQ MD4	Z550iQ MD5	Z550iQ TD5	Z550iQ MD8	Z550iQ TD8
Weight (kg)	54	60	60	70	70



For complete technical & dimensional details, refer to the datasheet/user manual.

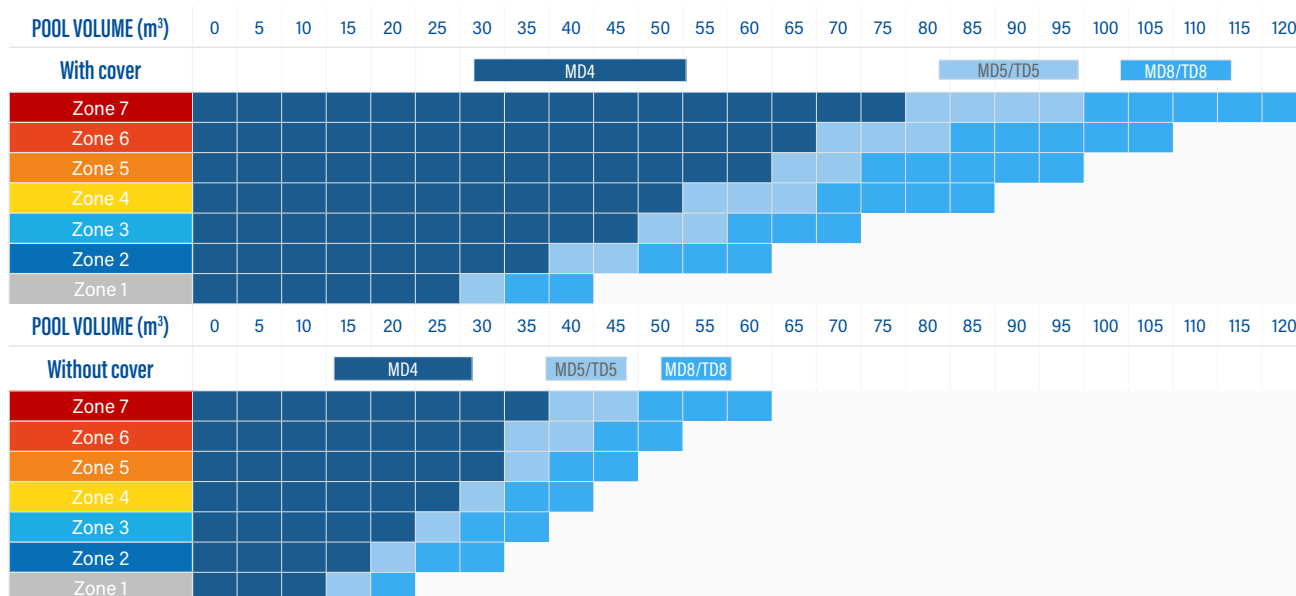
## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a Z550iQ MD4 is needed\*.



\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

For professional use, visit our configurator on Profluidra website.  
For public use, visit our simplified configurator on Zodiac website.

## HEAT PUMPS

# Z400iQ



<145M<sup>3</sup>

**3 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION



- + Unique design
- + Quiet & discrete
- + Embedded connectivity

### DESCRIPTION

- Vertical air outlet
- Polypropylene and galvanized steel, epoxy painted (body) or pre-painted (front panel)
- LCD (LED) display
- Embedded wi-fi with dedicated app
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- 2-speed fan with automatic noise reduction
- Standard / Silence mode selection
- Automatic cooling mode
- Automatic defrosting (forced ventilation and cycle inversion)
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, Rotary vane



### ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, 1/2 unions, Ø 50
- Anti-vibration feet
- Free mobile app

### OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491

### TECHNICAL FEATURES

Model	MD4	MD5	MD7	TD7	MD8	TD8	MD9	TD9
Aluminium Grey (RAL 7006)	WH000382	WH000383	WH000291	WH000385	WH000295	WH000387	WH000299	WH000389
NF pac certification								
Recommended water flow (m <sup>3</sup> /h)	4	5	6	7	8			
Hydraulic connection	PVC ½ unions, ø 50 , glued							
Electric power supply	220-240V / 1 N~ / 50Hz			380-400V / 3N~ / 50Hz	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz
Nominal operating power (A)	6,9	10,1	13,4	6,1	17	7,7	19,4	8,8
Maximum operating power (A)	10	15	19	7,4	28	9,2	32	11,4
Recommended Power cable size*	3 x 2.5			5 x 2.5	3 x 6	5 x 2.5	3 x 6	5 x 2.5
Refrigerant fluid	R32		R410A	R32	R410A	R32	R410A	R32
Refrigerant fluid quantity (kg)	0,87	0,99	1,45	1,18	1,80	1,59	1,80	1,59
Acoustic Power (dB(A) in Standard / Silence mode)	64 / 61	65 / 63	66 / 63	68 / 66	64 / 61	65 / 62	64 / 62	66 / 63
Acoustic pressure at 10m (dB(A) in Standard / Silence mode)**	33 / 30	34 / 32	35 / 32	37 / 35	33 / 30	34 / 31	33 / 31	35 / 32

### HEATING PERFORMANCE

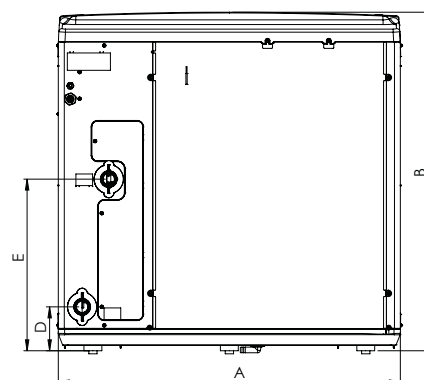
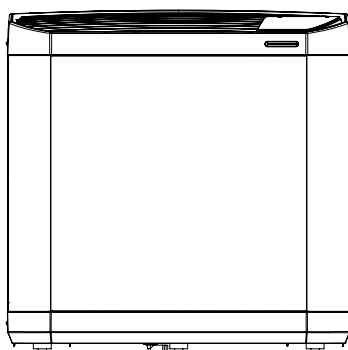
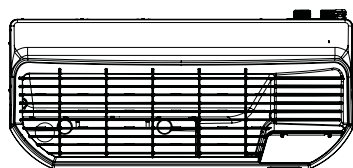
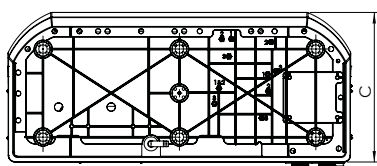
Model	MD4	MD5	MD7	TD7	MD8	TD8	MD9	TD9
<b>AIR 28°C / WATER 28°C / HUMID. 80%</b>								
Operating power (kW)	9,83	12,56	15,62	18,65	22,05			
Consumed power (kW)	1,67	2,34	3,20	2,97	3,82	3,51	4,51	4,25
COP	5,89	5,23	4,89	5,25	4,89	5,32	4,90	5,19
<b>AIR 15°C / WATER 26°C / HUMID. 70% NF</b>								
Operating power (kW)	7,94	9,96	12,40	14,80	17,50			
Consumed power (kW)	1,61	2,26	2,95	2,87	3,52	3,54	4,16	4,07
COP	4,93	4,40	4,20	4,32	4,20	4,18	4,21	4,29

\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\*According to EN60704-1:2010+A11:2012 standard

## WEIGHT AND DIMENSIONS

Model	MD4	MD5	MD7	TD7	MD8	TD8	MD9	TD9
Weight (kg)	70	71	90	94	105		110	
Dimensions (mm)								
A	1030				1145			
B	872				1018			
C	449				480			
D	132				125			
E	516				510			



For complete technical & dimensional details, refer to the datasheet/user manual.

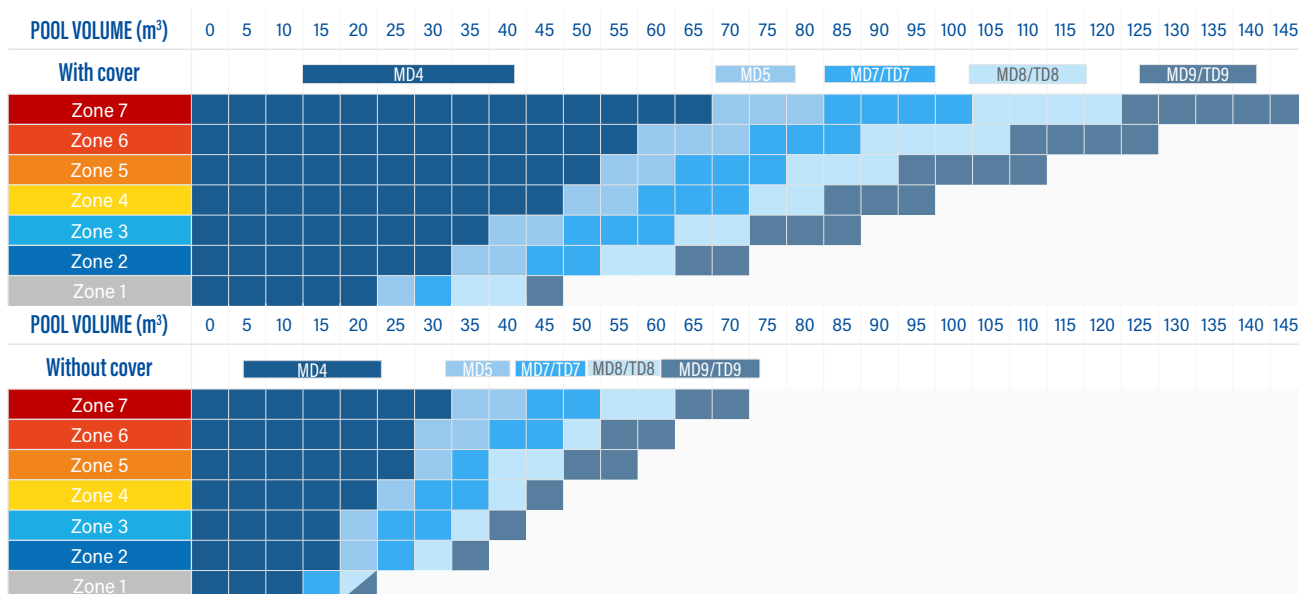
## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a Z400iQ MD4 is needed\*.



\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

For professional use, visit our configurator on Profluidra website.  
For public use, visit our simplified configurator on Zodiac website.

# Z400iQ Stainless



- + Unique design
- + Quiet & discrete
- + Embedded connectivity

## DESCRIPTION

- Vertical air outlet
- Polypropylene and galvanized steel, epoxy painted (body). 316L Stainless Steel front panel
- LCD (LED) display
- Embedded wi-fi with dedicated app
- Heating priority mode (filtration pump control)
- 2-speed fan with automatic noise reduction
- Standard / Silence mode selection
- Automatic cooling mode
- Automatic defrosting (cycle inversion and forced ventilation)
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, Rotary vane

## ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, 1/2 unions, Ø 50
- Anti-vibration feet
- Free mobile app

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491





<145M<sup>3</sup>

**3 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION



## TECHNICAL FEATURES

Model	MD4 S	MD5 S	MD7 S	TD7 S	MD8 S	TD8 S	MD9 S	TD9 S
Standard Model	WH000398	WH000399	WH000357	WH000401	WH000359	WH000403	WH000351	WH000405
NF pac certification								
Recommended water flow (m <sup>3</sup> /h)	4	5	6	7	8			
Hydraulic connection	PVC ½ unions, ø 50 , glued							
Electric power supply	220-240V / 1 N~ / 50Hz			380-400V / 3N~ / 50Hz	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz
Nominal operating power (A)	6,9	10,1	13,4	6,1	17	7,7	19,4	8,8
Maximum operating power (A)	10,1	15	19	7,4	28	9,2	32	11,4
Recommended Power cable size*	3 x 2.5			5 x 2.5	3 x 6	5 x 2.5	3 x 6	5 x 2.5
Refrigerant fluid	R32		R410A	R32	R410A	R32	R410A	R32
Refrigerant fluid quantity (kg)	0,87	0,99	1,45					
Acoustic Power (dB(A) in Standard / Silence mode)	64 / 61	65 / 63	66 / 63	68 / 66	64 / 61	65 / 62	64 / 62	66 / 63
Acoustic pressure at 10m (dB(A) in Standard / Silence mode)**	33 / 30	34 / 32	35 / 32	37 / 35	33 / 30	34 / 31	33 / 31	35 / 32

## HEATING PERFORMANCE

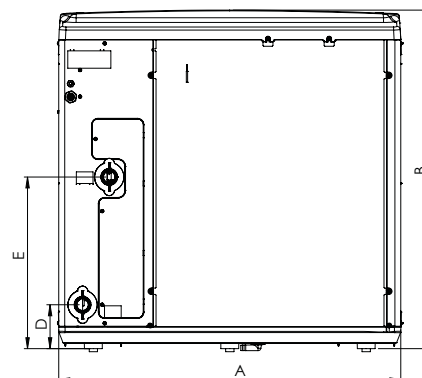
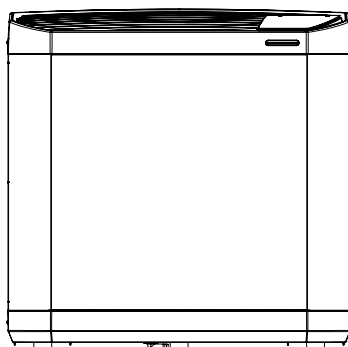
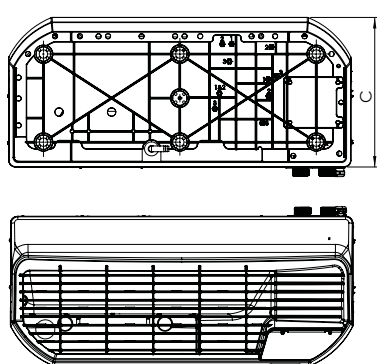
Model	MD4 S	MD5 S	MD7 S	TD7 S	MD8 S	TD8 S	MD9 S	TD9 S
<b>AIR 28°C / WATER 28°C / HUMID. 80%</b>								
Operating power (kW)	9,83	12,56	15,62		18,65		22,05	
Consumed power (kW)	1,67	2,34	3,20	2,97	3,82	3,51	4,51	4,25
COP	5,89	5,23	4,89	5,25	4,89	5,32	4,90	5,19
<b>AIR 15°C / WATER 26°C / HUMID. 70% NF</b>								
Operating power (kW)	7,94	9,96	12,40		14,80		17,50	
Consumed power (kW)	1,61	2,26	2,95	2,87	3,52	3,54	4,16	4,07
COP	4,93	4,40	4,20	4,32	4,20	4,18	4,21	4,29

\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\*According to EN60704-1:2010+A11:2012 standard

## WEIGHT AND DIMENSIONS

Model	MD4 S	MD5 S	MD7 S	TD7 S	MD8 S	TD8 S	MD9 S	TD9 S
Weight (kg)	70	71	90	94	105		110	
Dimensions (mm)								
A		1030			1145			
B	872				1018			
C		449			480			
D		132			125			
E		516			510			



For complete technical & dimensional details, refer to the datasheet/user manual.

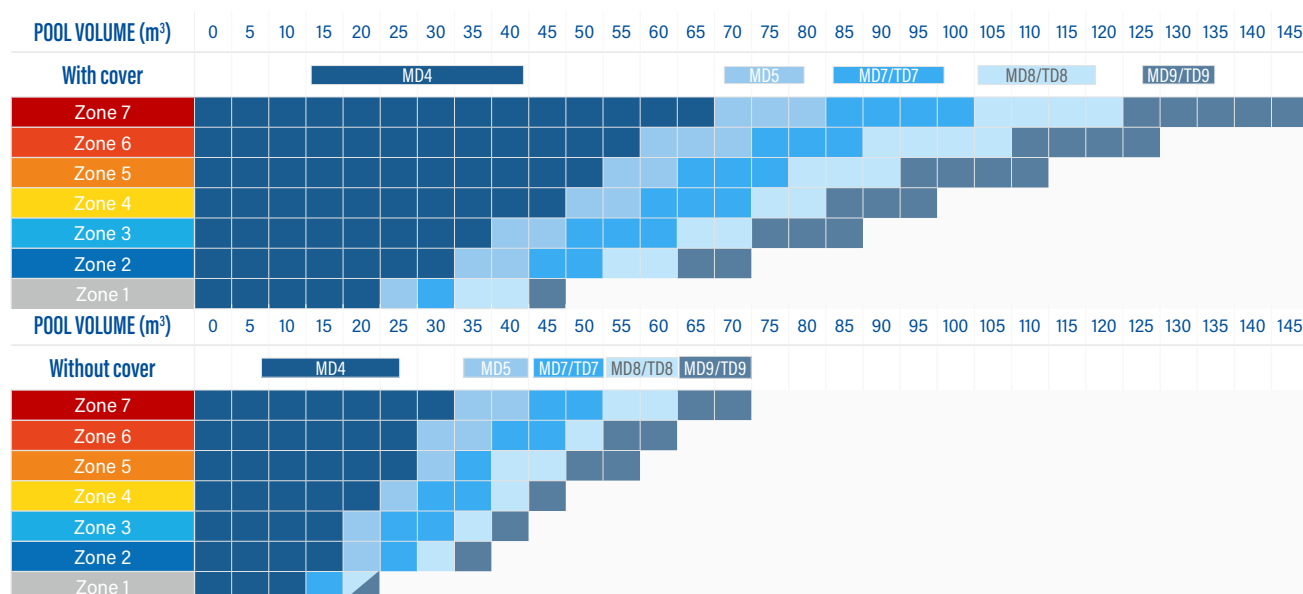
## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m³ pool, with cover, located in zone 4, a Z400iQ MD4 is needed\*.



\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

For professional use, visit our configurator on Profluidra website.  
For public use, visit our simplified configurator on Zodiac website.





<195M<sup>3</sup>

**2 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION



- + Full Inverter Technology: silent and economical
- + Intelligent heating regulation with power mode selection
- + Wide range of powers

## DESCRIPTION

- Horizontal blowing
- Galvanized, epoxy painted body and ABS covering
- LCD (LED) display, detachable
- Heating priority mode (filtration pump control)
- Timed mode
- Full inverter technology (variable speed compressor and fan) featuring 3 operating modes:
  - Boost: max power for fast heat-up
  - Smart: automatic power adjustment from Ecosilence to Boost depending on the water temperature of the pool and the outside air
  - Ecosilence: reduced power to further energy savings and the lowest noise level
- Automatic defrosting
- Automatic cooling mode (cycle inversion)
- Titanium water exchanger, compatible with salt water treatment
- Inverter, rotary vane compressor
- DC fan, variable speed (inverter)

## ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, 1/2 unions, Ø 50
- Anti-vibration feet
- Remote control kit (with 10m cable)

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491

## TECHNICAL FEATURES

Model	MD3	MD4	MD5	MD6	MD7	MD9	MD11	MD12	TD11	TD12
Standard Model	WH000428	WH000429	WH000430	WH000431	WH000432	WH000433	WH000434	WH000436	WH000435	WH000437
Recommended water flow (m³/h)	4	5	6	7	8	10	13			
Hydraulic connection	PVC ½ unions, ø50 , glued									
Electric power supply	220-240 V / 1 / 50-60 Hz								380-400V / 3N~/50-60Hz	
Nominal operating power (A)	4,6	5,9	7,2	9,2	10,5	13,2	17	22,9	7	8,4
Maximum operating power (A)	6,4	8,3	10	13	14,7	18,5	24	32	9,8	11,8
Recommended Power cable size*	3 x 1,5		3 x 2,5			3 x 4		3 x 6	5 x 2,5	5 x 4
Refrigerant fluid	R32								R410A	
Refrigerant fluid quantity (kg)	0,72	0,55	0,80	0,81	1,50	1,70	2,40		3,00	4,00
Acoustic Power (dB(A)) @ max-min speed	65 - 53	67 - 54	71 - 54	71 - 55	73 - 56			75 - 58		
Acoustic pressure at 10m (dB(A)) @ max-min speed**	34 - 22	36 - 23	39 - 23	40 - 23	41 - 24	42 - 25	43 - 26	44 - 27	44 - 26	44 - 27

## HEATING PERFORMANCE

Model	MD3	MD4	MD5	MD6	MD7	MD9	MD11	MD12	TD11	TD12
AIR 28°C / WATER 28°C / HUMID. 80%										
Operating power (kW @ max-min speed)	9 - 1,9	10,5 - 2,1	13,5 - 2,5	16,5 - 3	19,5 - 3,5	25 - 4,5	31 - 5,6	35 - 7,6	31 - 5,6	35 - 7,6
Consumed power (kW @ max-min speed)	1,6 - 0,2	1,8 - 0,2	2,2 - 0,2	2,8 - 0,2	3,3 - 0,3	4,2 - 0,3	5,3 - 0,4	5,9 - 0,5	5,3 - 0,4	5,9 - 0,5
COP @ max-min speed	5,8 - 16									
AIR 15°C / WATER 26°C / HUMID. 70%										
Operating power (kW @ max-min speed)	6,3 - 1,9	7,6 - 2	9,4 - 2	11,2 - 2,5	13,7 - 3	17,7 - 4	22,1 - 5,4	24 - 5,6	22,1 - 5,4	24 - 5,6
Consummed power (kW @ max-min speed)	1,4 - 0,3	1,8 - 0,3	2,1 - 0,3	2,5 - 0,3	3,1 - 0,4	4 - 0,5	5 - 0,7	5,4 - 0,7	5 - 0,7	5,4 - 0,7
COP @ max-min speed	4,5- 8									

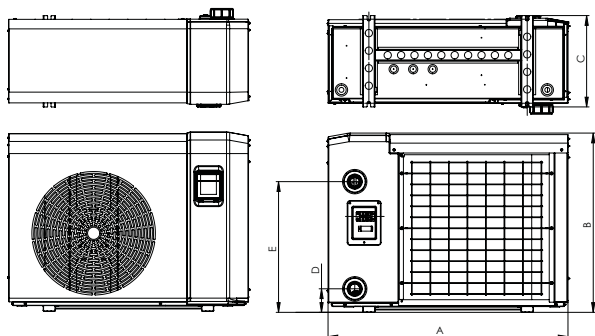
\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\* According to EN60704-1:2010+A11:2012 standard

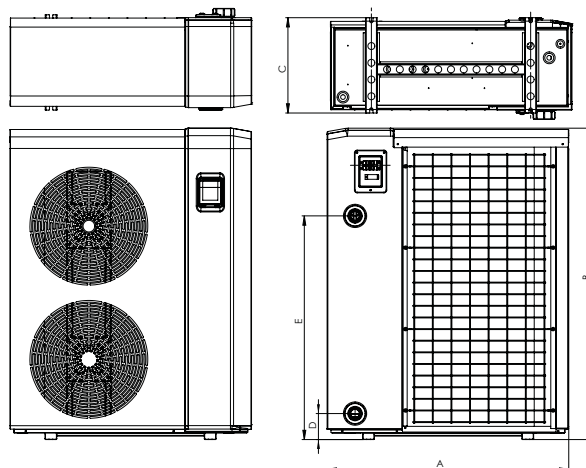
## DIMENSIONS (MM) AND WEIGHT

Model	MD3	MD4	MD5	MD6	MD7	MD9	MD11	MD12	TD11	TD12
Weight (kg)	52	58	61	62	89	92	120	126	123	128
A	859		985			1074		1039		
B	641		736			941		1339		
C	357		375			395		410		
D	97		97			107		112		
E	446,5		537			707		962		

PX50 MD3, MD4, MD5, MD6, MD7, MD9



PX50 MD11, TD11, MD12, TD12



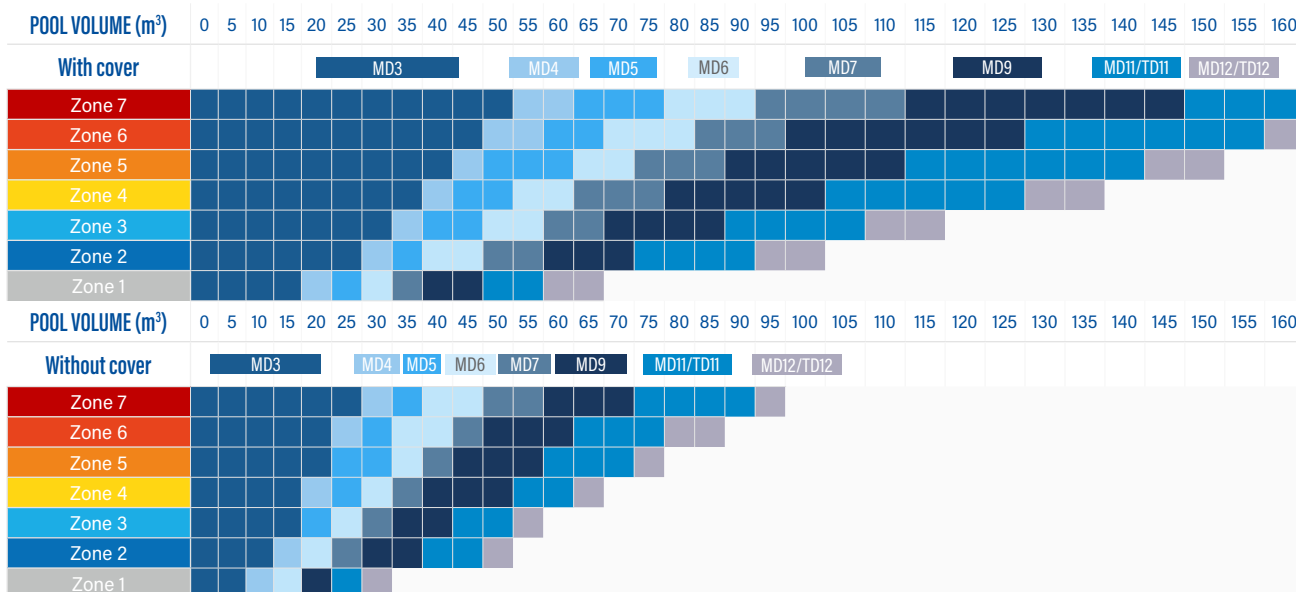
## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a PX50 MD3 is needed\*.



\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

For professional use, visit our configurator on Profluidra website.  
For public use, visit our simplified configurator on Zodiac website.


<190M<sup>3</sup>
**2 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION


- + Reversible operation down to -8°C outdoor air temperature
- + 2-speed ventilation with automatic silent mode
- + Wide range of powers

## DESCRIPTION

- Horizontal blowing
- Galvanized, epoxy painted body
- LCD (LED) display, detachable
- Heating priority mode (filtration pump control)
- Timed mode
- 2-speed fan with automatic noise reduction
- Automatic defrosting (cycle inversion)
- Minimum operating temperature: -8°C
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, Rotary vane or Scroll

## ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, unions, Ø 50
- Anti-vibration feets
- Remote control kit (with 10m cable)

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491  
Technical Room Kit - WH000202  
Condensate tray, Z550iQ - R07240

## TECHNICAL FEATURES

Model	MD1	MD2	MD3	MD4	MD5	MD7	MD8	TD7	TD8	TD12
Standard Model	WH000418	WH000419	WH000420	WH000421	WH000422	WH000488	WH000426	WH000423	WH000425	WH000489
Recommended water flow (m³/h)	2,5	3	5	6	7	9	12	9	12	16
Hydraulic connection	PVC unions, ø38 (1"1/2) , glued									
Electric power supply	220-240V / 1 N~ / 50Hz							380-400V / 3N~/ 50-60Hz		
Nominal operating power (A)	4,1	6,2	8,9	9,7	11	13,5	16,8	5,1	5,62	10,1
Maximum operating power (A)	5,2	8,8	10,7	12,3	13,1	20,3	23	7,9	9,8	13,6
Recommended Power cable size*	3 x 1.5	3 x 2.5				3 x 4		5 x 2.5		5 x 4
Refrigerant fluid	R32						R410A	R32		
Refrigerant fluid quantity (kg)	0,40	0,75	0,90	1,10	1,15	1,10	2,30	1,10	1,45	2,20
Acoustic Power (dB(A) in Standard / Silence mode)	63 / 62	66 / 64	67 / 64		69 / 64	74 / 72	77 / 76	75 / 74	76 / 73	76 / 75
Acoustic pressure at 10m (dB(A) in Standard / Silence mode)**	32 / 31	35 / 33	36 / 33		38 / 33	43 / 41	45 / 44	44 / 43	44 / 41	45 / 44

## HEATING PERFORMANCE

Model	MD1	MD2	MD3	MD4	MD5	MD7	MD8	TD7	TD8	TD12
AIR 28°C / WATER 28°C / HUMID. 80%										
Operating power (kW)	4,7	7,5	10,5	11,7	14,7	17,5	22,5	18,5	22,1	31
Consumed power (kW)	0,9	1,3	1,9	2,1	2,4	3	3,6	3	3,2	4,9
COP	5,4	5,7	5,5	5,6	6,2	5,8	6,3		6,8	6,4
AIR 15°C / WATER 26°C / HUMID. 70%										
Operating power (kW)	3,2	5,5	7,5	8,5	10,5	12,9	16	13,5	16	23
Consumed power (kW)	0,8	1,2	1,7	1,9	2,2	2,8	3,5	3,1	3,7	4,8
COP	4	4,8	4,4	4,6	4,8	4,6		4,4		4,8

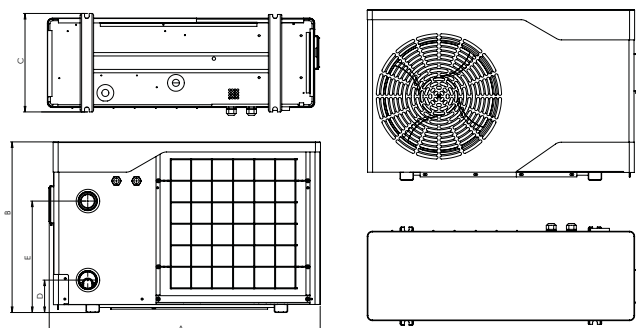
\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\*According to EN60704-1:2010+A11:2012 standard

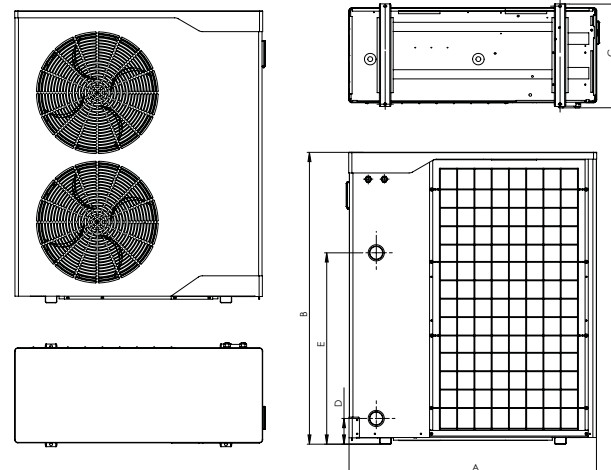
## WEIGHT AND DIMENSIONS

Model	MD1	MD2	MD3	MD4	MD5	MD7	MD8	TD7	TD8	TD12
Weight (kg)	38	54	64	70	81	102	119	95	111	147

PM40 MD1, MD2, MD3, MD4, MD5, MD7, TD7, MD8, TD8



PM40 TD12



For complete technical & dimensional details, refer to the datasheet/user manual.

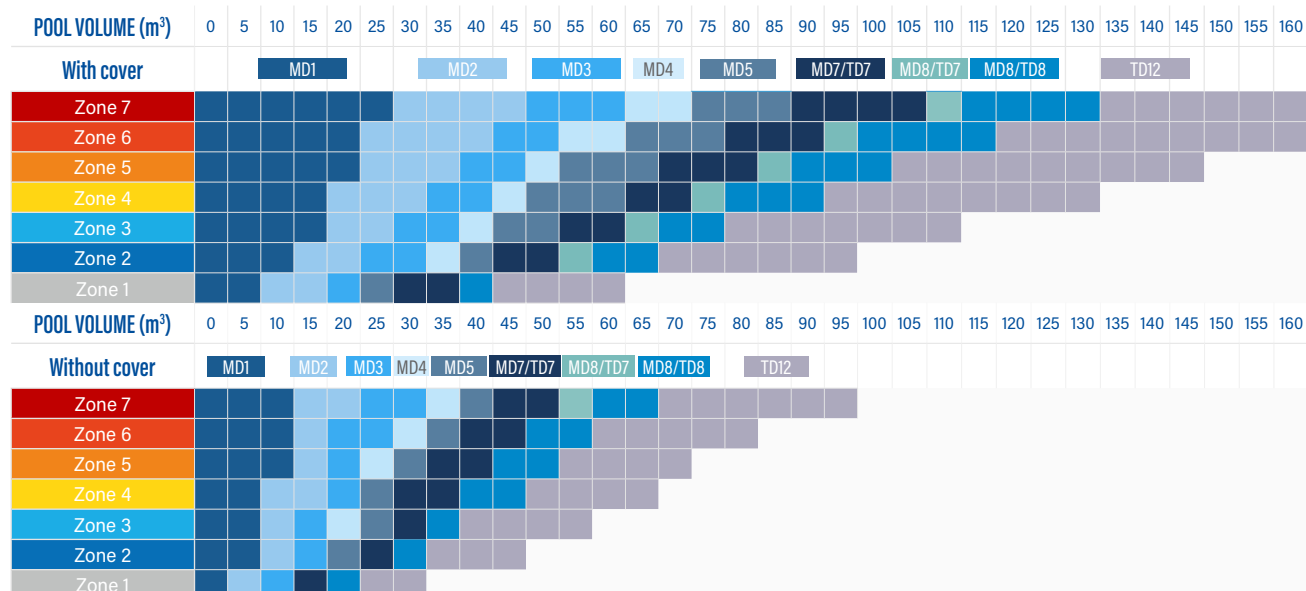
## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a PM40 MD3 is needed\*.



\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

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For public use, visit our simplified configurator on Zodiac website.


<110M<sup>3</sup>
**3 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION


- + Certified performances
- + Guaranteed heating thanks to heating priority
- + Can also be installed in a technical room

## DESCRIPTION

- Horizontal blowing
- Polypropylene body
- LCD display
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- Automatic defrosting (forced ventilation)
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, Rotary vane

## ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, 1/2 unions, Ø 50
- Anti-vibration pads

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491  
Remote control - WTC04004  
Technical Room Kit - W20KITPFPREMLT  
Condensate tray - R07242  
Wall mounting kit - R07339

## TECHNICAL FEATURES

Model	Z300 M4	Z300 M5	Z300 T5	Z300 M7
Standard Model	WH000014	WH000015	WH000016	WH000019
Recommended water flow (m <sup>3</sup> /h)	4	5		6
Hydraulic connection	PVC ½ unions, ø 50 , glued			
Electric power supply	220-240V / 1 N~ / 50Hz		380-400V / 3N~ / 50Hz	220-240V / 1 N~ / 50Hz
Nominal operating power (A)	7,9	10,3	4,3	13
Maximum operating power (A)	10	14,5	5,3	16,4
Recommended Power cable size*	3 x 2,5		5 x 2,5	3 x 4
Refrigerant fluid	R410A			
Refrigerant fluid quantity (kg)	0,92	1,55		1,40
Acoustic power	67	68	70	67
Acoustic pressure at 10m (dB(A))**	36	37	39	36

## HEATING PERFORMANCE

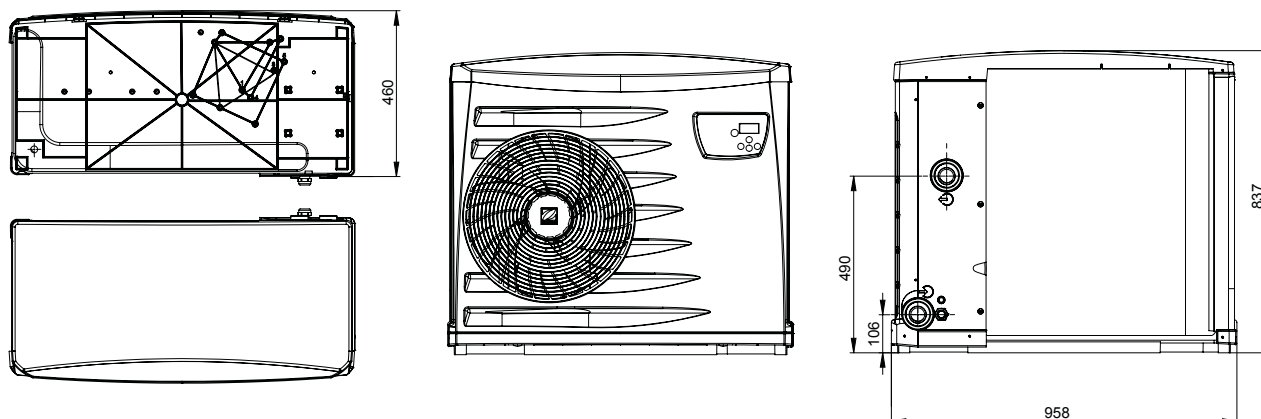
Model	Z300 M4	Z300 M5	Z300 T5	Z300 M7
AIR 28°C / WATER 28°C / HUMID. 80% - NF				
Operating power (kW)	9	13	13,1	16,1
Consumed power (kW)	1,6	2,4	2,3	2,9
COP	5,6	5,5	5,6	
AIR 15°C / WATER 26°C / HUMID. 70%				
Operating power (kW)	7,6	10,4	10,5	13,7
Consumed power (kW)	1,7	2,2		2,9
COP	4,5	4,7		

\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\*According to EN60704-1:2010+A11:2012 standard

## WEIGHT AND DIMENSIONS

Model	Z300 M4	Z300 M5	Z300 T5	Z300 M7
Weight (kg)	52	63	63	68



For complete technical & dimensional details, refer to the datasheet/user manual.

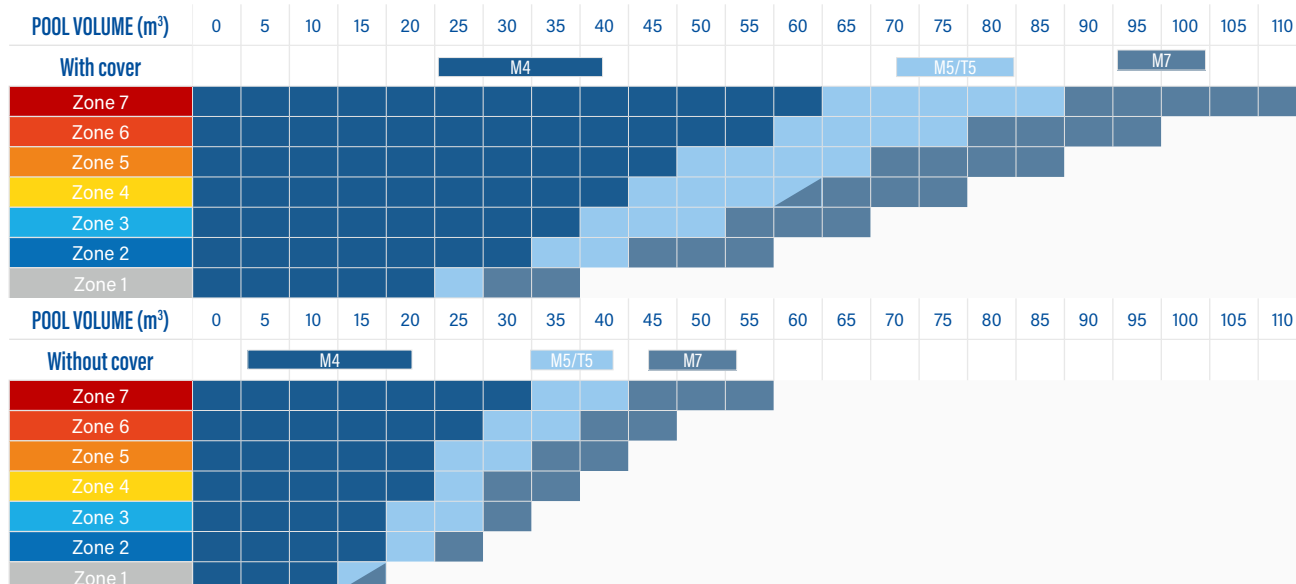
## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a Z300 M4 is needed\*.



\*To find the corresponding pool location zone, consult our climate map p. XX

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For professional use, visit our configurator on Profluidra website.  
For public use, visit our simplified configurator on Zodiac website.



# Z200 defrost


<80M<sup>3</sup>
**3 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION


ON/OFF



HEAT ONLY



MIN. AIR TEMP

- + The most compact
- + Operating down to -5°C outdoor temperature
- + Suits most pools

## DESCRIPTION

- Horizontal blowing
- Polypropylene body
- LCD display
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- Automatic defrosting (cycle inversion)
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, Rotary vane

## ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, 1/2 unions, Ø 40 & Ø 50
- Anti-vibration pads

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491  
Remote control Z200 Defrost - WH000476  
Wall mounting kit - R07338

## TECHNICAL FEATURES

Model	Z200 MD2	Z200 MD3	Z200 MD4	Z200 MD5
Standard Model	WH000407	WH000408	WH000409	WH000410
Recommended water flow (m³/h)	4		5	
Hydraulic connection	PVC ½ unions, ø 40 or ø 50 , glued			
Electric power supply	220-240V / 1 N~ / 50Hz			
Nominal operating power (A)	4,5	6,3	7,9	11,2
Maximum operating power (A)	5,2	7,6	10,2	13,4
Recommended Power cable size*	3 x 2.5			
Refrigerant fluid	R32			
Refrigerant fluid quantity (kg)	0,68	0,8	1	1,10
Acoustic power	66	67	69	72
Acoustic pressure at 10m (dB(A))**	35	36	37	41

## HEATING PERFORMANCE

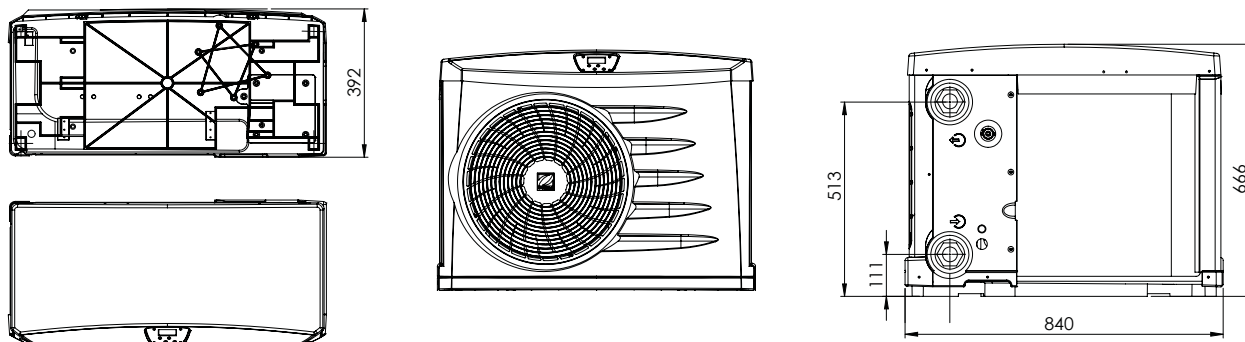
Model	Z200 MD2	Z200 MD3	Z200 MD4	Z200 MD5
<b>AIR 28°C / WATER 28°C / HUMID. 80%</b>				
Operating power (kW)	6,7	9,3	11,5	14,8
Consumed power (kW)	1,2	1,8	2,3	3,2
COP	5,5	5	5,1	4,6
<b>AIR 15°C / WATER 26°C / HUMID. 70%</b>				
Operating power (kW)	4,8	7	8,1	10,1
Consumed power (kW)	1	1,6	2	2,5
COP	4,8	4,4	4	

\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\*According to EN60704-1:2010+A11:2012 standard

## WEIGHT AND DIMENSIONS

Model	Z200 MD2	Z200 MD3	Z200 MD4	Z200 MD5
Weight (kg)	51	35	40	46



For complete technical & dimensional details, refer to the datasheet/user manual.

## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a Z200 MD3 is needed\*.

POOL VOLUME (m <sup>3</sup> )	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
<b>With cover</b>																	
Zone 7																	
Zone 6																	
Zone 5																	
Zone 4																	
Zone 3																	
Zone 2																	
Zone 1																	
<b>Without cover</b>																	
Zone 7																	
Zone 6																	
Zone 5																	
Zone 4																	
Zone 3																	
Zone 2																	
Zone 1																	

\*To find the corresponding pool location zone, consult our climate map p. XX

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For public use, visit our simplified configurator on Zodiac website.



<80M<sup>3</sup>

**3 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION



ON/OFF



HEAT ONLY



MIN. AIR TEMP

- + The most compact
- + Guaranteed heating thanks to heating priority
- + Suits most pools

## DESCRIPTION

- Horizontal blowing
- Polypropylene body
- LCD display
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- Automatic defrosting (forced ventilation)
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, Rotary vane

## ACCESSORIES INCLUDED IN THE PACK

- Winter cover
- Condensate drain kit
- PVC and gaskets, 1/2 unions, Ø 40 & Ø 50
- Anti-vibration pads

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491  
Remote control Z200 - WH000200  
Wall mounting kit - R07338

## TECHNICAL FEATURES

Model	Z200 M2	Z200 M3	Z200 M4	Z200 M5
Standard Model	WH000307	WH000308	WH000309	WH000310
Recommended water flow (m <sup>3</sup> /h)	4	4	5	
Hydraulic connection	PVC ½ unions, ø 40 or ø 50 , glued			
Electric power supply	220-240V / 1 N~ / 50Hz			
Nominal operating power (A)	4,5	6,3	7,9	11,2
Maximum operating power (A)	5,2	7,6	10,2	13,4
Recommended Power cable size*	3 x 2.5			
Refrigerant fluid	R32			
Refrigerant fluid quantity (kg)	0,68	0,8	1	1,10
Acoustic power	66	67	69	72
Acoustic pressure at 10m (dB(A))**	35	36	37	41

## HEATING PERFORMANCE

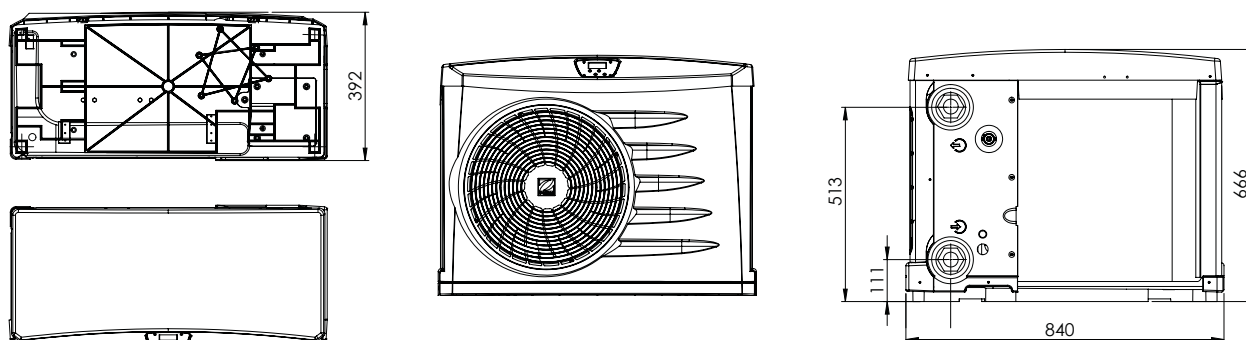
Model	Z200 M2	Z200 M3	Z200 M4	Z200 M5
<b>AIR 28°C / WATER 28°C / HUMID. 80%</b>				
Operating power (kW)	6,7	9,3	11,5	14,8
Consumed power (kW)	1,2	1,8	2,3	3,2
COP	5,5	5	5,1	4,6
<b>AIR 15°C / WATER 26°C / HUMID. 70%</b>				
Operating power (kW)	4,8	7	8,1	10,1
Consumed power (kW)	1	1,6	2	2,5
COP	4,8	4,4	4	

\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\*According to EN60704-1:2010+A11:2012 standard

## WEIGHT AND DIMENSIONS

Model	Z200 M2	Z200 M3	Z200 M4	Z200 M5
Weight (kg)	40	35	40	46



For complete technical & dimensional details, refer to the datasheet/user manual.

## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a Z200 M3 is needed\*.

POOL VOLUME (m <sup>3</sup> )	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80
<b>With cover</b>																	
Zone 7																	
Zone 6																	
Zone 5																	
Zone 4																	
Zone 3																	
Zone 2																	
Zone 1																	
<b>Without cover</b>																	
Zone 7																	
Zone 6																	
Zone 5																	
Zone 4																	
Zone 3																	
Zone 2																	
Zone 1																	

\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

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For public use, visit our simplified configurator on Zodiac website.

# Power Force



<305M<sup>3</sup>

**2 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION



- + Certified performances
- + Variable speed fan, quiet and energy-saving
- + Year-round operation down to -12°C

## DESCRIPTION

- Horizontal blowing
- Galvanized steel, epoxy painted body
- LCD display
- Heating priority mode (filtration pump control)
- Possible On-off control through remote switch or home automation system
- Variable speed (DC) fan with automatic noise reduction
- Automatic cooling mode
- Automatic defrosting (cycle inversion)
- Titanium water exchanger, compatible with salt water treatment
- On-off compressor, scroll
- DC fan, variable speed (inverter)

## ACCESSORIES INCLUDED IN THE PACK

- Condensate drain kit
- PVC and gaskets, unions, Ø 63
- Anti-vibration pads

## OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491

## TECHNICAL FEATURES

Model	TD25	TD35
Standard Model	W20PFORCE25TD	W20PFORCE35TD
Recommended water flow (m <sup>3</sup> /h)	10	
Hydraulic connection	PVC unions, ø63 , glued	
Electric power supply	380-400V / 3N~ / 50Hz	
Nominal operating power (A)	10,6	12,9
Maximum operating power (A)	14,2	18,1
Recommended Power cable size*	5 x 4	
Refrigerant fluid	R410A	
Refrigerant fluid quantity (kg)	6,40	6,30
Acoustic power	70	71
Acoustic pressure at 10m (dB(A))**	38,00	39,00

## HEATING PERFORMANCE

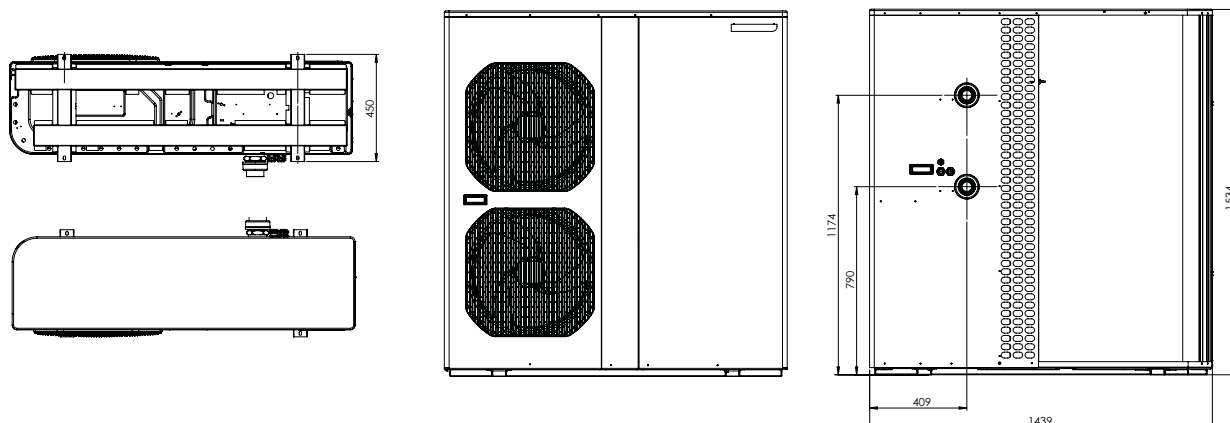
Model	TD25	TD35
<b>AIR 28°C / WATER 28°C / HUMID. 80%</b>		
Operating power (kW)	33	45,5
Consumed power (kW)	6,1	8,6
COP	5,4	5,3
<b>AIR 15°C / WATER 26°C / HUMID. 70% NF</b>		
Operating power (kW)	28,7	37
Consumed power (kW)	5,6	7,6
COP	5,1	4,9

\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\* According to EN60704-1:2010+A11:2012 standard

## WEIGHT AND DIMENSIONS

Model	TD25	TD35
Weight (kg)	205	205



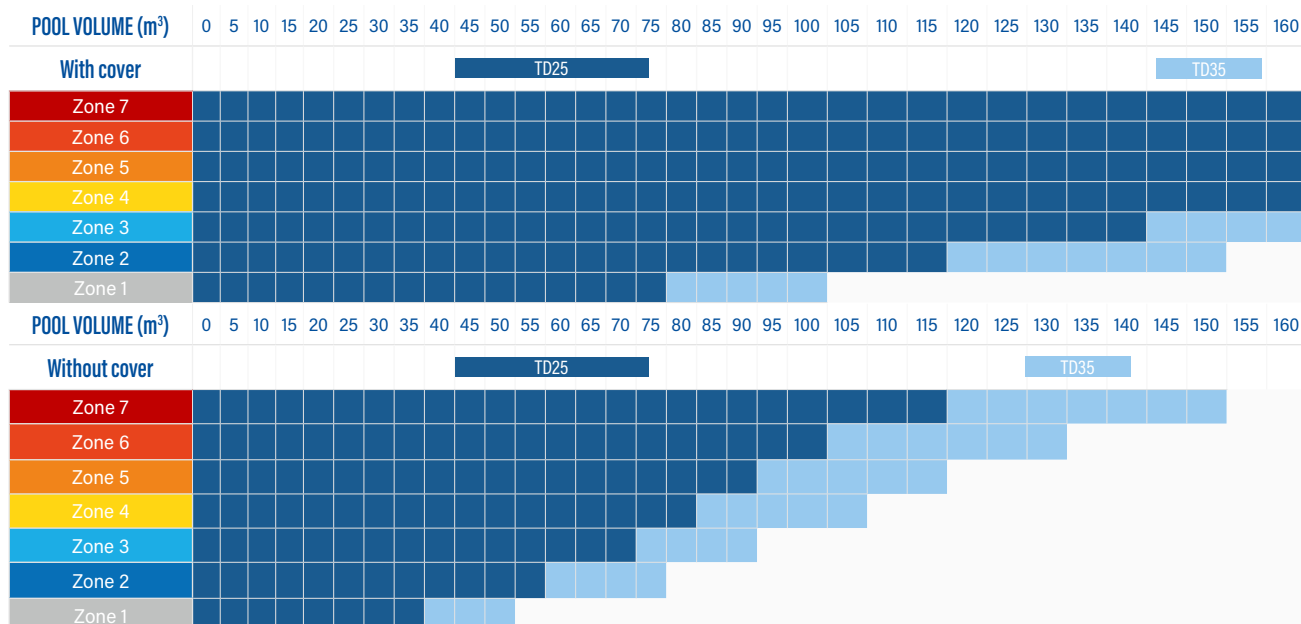
## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 135m<sup>3</sup> pool, with cover, located in zone 4, a POWERFORCE TD25 is needed\*.



\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

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For public use, visit our simplified configurator on Zodiac website.



## HEAT PUMPS

# Z700 Duo



<125M<sup>3</sup>

**2 YEAR**  
WARRANTY

**5 YEAR**  
CONDENSER  
WARRANTY  
ANTI-CORROSION



ON/OFF



HEAT ONLY



MIN. AIR TEMP



MADE IN FRANCE

- + A single device to heat both your pool and pool room
- + Substantial energy savings
- + Compact installation

### DESCRIPTION

- Dual Purpose heat pump, water heating / air heating, combined with Zodiac dehumidifiers featuring a hot water coil
- Horizontal blowing
- Electroplated steel, polyester powder coated body
- LCD display
- Automatic defrosting (cycle inversion)
- Pool water heating circuit: Water flow switch, Titanium condenser (compatible with salt water treatment)
- Hot water coil feeding: circulating pump, stainless steel water exchanger condenser, 6kW extra electrical heating
- On-off compressor, scroll

### ACCESSORIES INCLUDED IN THE PACK

- Condensate drain kit
- Anti-vibration pads
- PVC and gaskets
- Hydraulic kit
- Copper fittings and gaskets

### OPTIONAL ACCESSORIES

Cleaning kit HP - WMA03491

### TECHNICAL FEATURES

Model	MD5	TD5	MD8	TD8
Standard Model	WH000266	WH000267	WH000268	WH000269
Maximum recommended room volume (m³)	250		300	
Recommended water flow (m³/h)	6			
Hydraulic connection	PVC unions, ø 50 , glued			
Electric power supply	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz	220-240V / 1 N~ / 50Hz	380-400V / 3N~ / 50Hz
Nominal operating power (A)	13,6	6,1	16,2	7,2
Maximum operating power (A)	18	8,2	21,5	9,5
Maximum operating power with electric heating option (A)	48	18	57	20,5
Recommended Power cable size*	3 x 10	5 x 4	3 x 16	5 x 6
Refrigerant fluid	R410A			
Refrigerant fluid quantity (kg)	4,64		4,75	
Acoustic power	67		65	
Acoustic pressure at 10m (dB(A))**	36,00	33,1	36,00	33,1

### HEATING PERFORMANCE

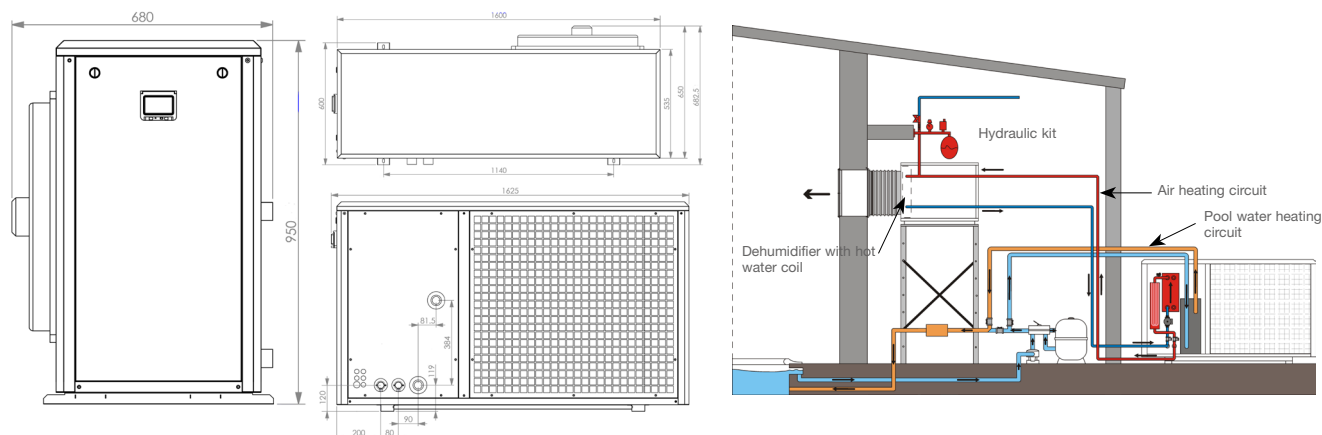
Model	MD5	TD5	MD8	TD8
AIR HEATING PERFORMANCE: 15°C AIR / HOT WATER COIL 42°C/49°C				
Operating power (kW)	9,7		12	
Consumed power (kW)	3,5		4,2	
COP	2,8		2,9	
POOL WATER HEATING PERFORMANCE : AIR 15°C / WATER 26°C / HUMID. 70%				
Operating power (kW)	12,5		15,2	
Consumed power (kW)	2,6		3,1	
COP	4,8		4,9	

\*Cable not provided. Recommended section for a maximum length of 20 meters.

\*\* According to EN60704-1:2010+A11:2012 standard

## WEIGHT AND DIMENSIONS

Model	MD5	TD5	MD8	TD8
Weight (kg)	192	192	205	205



For complete technical & dimensional details, refer to the datasheet/user manual.

## HEAT PUMPS SELECTION GUIDE

### PARAMETERS OF THE QUICK SELECTION GUIDE

This quick selection guide has been configured with the following parameters: private pool, for a use from beginning of may to end of september, average depth 1.5m, 14h filtration time, target pool water temperature 28°C.

### SELECT THE POWER IN LESS THAN 1 MINUTE

How to read: For a 35m<sup>3</sup> pool, with cover, located in zone 4, a Z700 MD5/TD5 is needed\*.

POOL VOLUME (m <sup>3</sup> )	0	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125
<b>With cover</b>																										
Zone 7																										
Zone 6																										
Zone 5																										
Zone 4																										
Zone 3																										
Zone 2																										
Zone 1																										
<b>Without cover</b>																										
Zone 7																										
Zone 6																										
Zone 5																										
Zone 4																										
Zone 3																										
Zone 2																										
Zone 1																										

\*To find the corresponding pool location zone, consult our climate map p. XX

Zodiac recommends to use the web configurators to get a more accurate sizing

For professional use, visit our configurator on Profluidra website.  
For public use, visit our simplified configurator on Zodiac website.

# ELECTRIC HEATERS

The simplest solution for a fast rise in temperature

Easy to install and to use, Zodiac® electric heaters heat your pool rapidly and keep the water at the desired temperature, for a very competitive purchase ex VAT Price. Compact, stand-alone units, they are fitted to the filtration system. Start filtration to raise the temperature (in 2 to 5 days).

## > CHOOSING AN ELECTRIC HEATER

Several parameters should be considered when choosing a suitable electric heater.

**Depending on the size of the pool to be heated and the desired use (temperature and period), the power of the system should be adapted, from 3 kW to 120 kW.**

In a small technical room, **install the system in 'L' configuration.** In-line installation limits pressure drops.

To control the desired temperature, **there are two types of thermostat: mechanical and digital.** Using a complete digital regulator, it is also possible to control timer settings.

To limit electricity consumption, **a modular heater can be fitted with 2 heating elements.**



The advantage is that it can use just one heating element when the outside temperature is relatively high (summer).

**Ti<sup>22</sup>**  
TITANE  
INSIDE

### REFERENCE POINT

All Zodiac® electric heater models are equipped with titanium heating elements, making them very robust.

### COMPARATIVE TABLE OF RANGES

	RE/L	RED LINE	RE/U
			
Pool size	< 95 m <sup>3</sup>	< 95 m <sup>3</sup>	From 195 m <sup>3</sup>
Power rating	From 3 to 12 kW	From 3 to 12 kW	From 12 to 24 kW
Assembly type	L	In line	In line
Modular type	-	-	•
Thermostat type	Mechanical	Digital	Digital



# ELECTRIC HEATER

## RE/U



- + Full digital regulation
- + 2-stage power management
- + Maximum robustness

### DESCRIPTION

- Control box with precision thermostat  $\pm 0.5^{\circ}\text{C}$
- Digital display and timer
- Positive safety high temperature limiter
- Pin water tightness using EPDM collars
- HYPALON electric connections
- Flow switch
- Power contactors
- Luminous control switches + indicators
- Pin water tightness using EPDM collars
- Single-phase 230V-50/60Hz or three-phase 400 V depending on model

**2** YEAR WARRANTY **<195M<sup>3</sup>**



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TITANE  
INSIDE



**MADE IN FRANCE**

### PRODUCT REFERENCES

Model	RE/U 12M	RE/U 15M	RE/U 15T	RE/U 18T	RE/U 21T	RE/U 24T
Standard Model	W40TIT12M	W40TIT15M	W40TIT15	W40TIT18	W40TIT21	W40TIT24

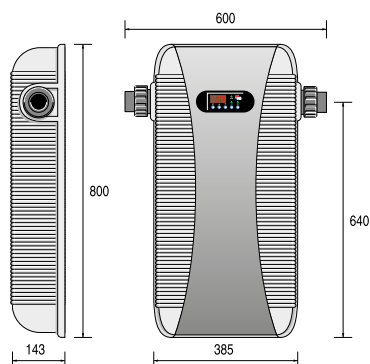
### HEATING PERFORMANCE & TECHNICAL FEATURES

Model	RE/U 12M	RE/U 15M	RE/U 15T	RE/U 18T	RE/U 21T	RE/U 24T
Operating power (kW)**	6 + 6	6 + 9		9 + 9	9 + 12	12 + 12
Maximum operating power Tri 400 V (A)***	53	66	22	26	31	35
Power cable size for tri 400 V (mm2)****	3 x 16		5 x 6		5 x 10	
Min. flow (m³/h)	5					
Max. flow (m³/h)	22					
Hydraulic connection	PVC Ø 50 ou Ø 63					

\* Private open-air pool, temperate climate with an isothermal cover from May 15th to September 15th. \*\* Manufacturing tolerance of + or -5%. \*\*\* Tolerance operating voltage +6 -10%. Grid power supply. \*\*\*\* For a maximum length of 20 metres.

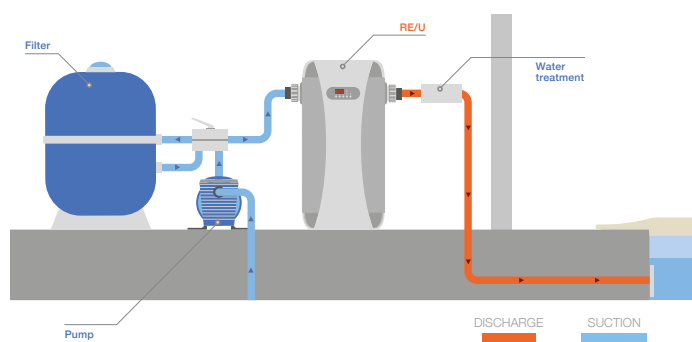
### WEIGHT AND DIMENSIONS

Weight (kg) 12



### INSTALLATION

- In-line PVC hydraulic connection, Ø63 (exterior) or Ø50 (interior).
- Supports any flow direction: just turn the flow switch and reverse the control and safety sensors.



# ELECTRIC HEATER

## RED LINE



**2 YEAR** WARRANTY **<95M<sup>3</sup>**



- + In-line, low pressure drop layout
- + 1 or 3 phase wiring (on-site configuration)
- + Full digital regulation

### DESCRIPTION

- Control box with precision thermostat  $\pm 0.5^{\circ}\text{C}$
- Digital display and timer
- Positive safety high temperature limiter
- Watertightness of electrical resistances with an EPDM collar
- Hypalon electric connections
- Flow switch
- Power contactors
- On/Off switch + Indicators
- REDLINE 3, 6 and 9: simplified single-phase 230V-50/60Hz / three phase 400V-50/60Hz power (three-phase 230V on request)
- REDLINE 12: three-phase 400V-50/60Hz only

### PRODUCT REFERENCES

Model	REDLINE 3	REDLINE 6	REDLINE 9	REDLINE 12
Standard Model	W40RDE3	W40RDE6	W40RDE9	W40RDE12

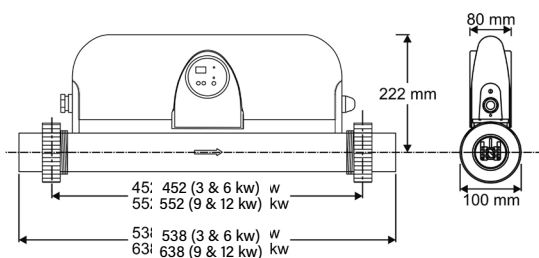
### HEATING PERFORMANCE & TECHNICAL FEATURES

Model	REDLINE 3	REDLINE 6	REDLINE 9	REDLINE 12
Operating power (kW)**	3	6	9	12
Maximum operating power Tri 400 V (A)***	5	9	13	18
Power cable size for tri 400 V (mm <sup>2</sup> )****	5 x 2,5		5 x 4	
Maximum operating power Mono 230 V (A)***	14	27	40	
Power cable size for Mono 230 V (mm <sup>2</sup> )****	3 x 4	3 x 6	3 x 10	
Min. flow (m <sup>3</sup> /h)	5			
Max. flow (m <sup>3</sup> /h)	30			
Hydraulic connection	PVC Ø 50 ou Ø 63		1/2 PVC Ø 63 + reduction Ø 50	

\* Private open-air pool, temperate climate with an isothermal cover from May 15th to September 15th. \*\* Manufacturing tolerance of + or -5%. \*\*\* Tolerance operating voltage +6 -10%. Grid power supply. \*\*\*\* For a maximum length of 20 metres.

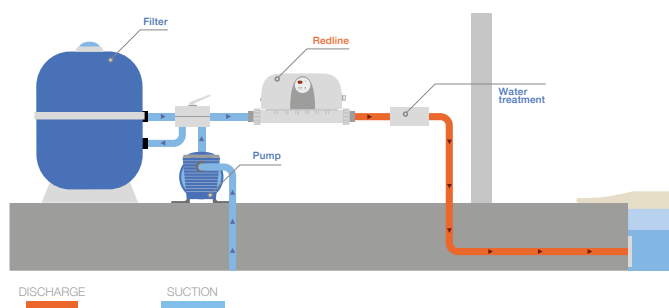
### WEIGHT AND DIMENSIONS

Weight (kg)	4
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### INSTALLATION

- In-line connection with two PVC unions, Ø63, and reducers, Ø63-50.
- Supports any flow direction: just turn the device to match the water flow direction.



# ELECTRIC HEATER

## RE/L



**2 YEAR**  
WARRANTY

**<95M³**



EASY  
INSTALLATION



SERVICES  
+

**Ti<sup>22</sup>**  
TITANE  
INSIDE



MADE IN  
FRANCE

- + L-shape, space-saving
- + 1 or 3 phase wiring (on-site configuration)
- + Mechanical thermostat

### DESCRIPTION

- Control box
- Rotating mechanical 16-40°C thermostat
- Positive safety high temperature limiters
- Watertightness of electrical resistances with an EPDM collar
- Hypalon moulded electric connections
- Flow switch
- Power contactor
- Single or 3 phase wiring (on-site configuration)
- RE/L 3, 6 and 9: simplified single-phase 230V -50/60Hz / three-phase 400V-50/60Hz power (three-phase 230V on request)
- RE/L 12: 400V-50/60Hz only

### PRODUCT REFERENCES

Model	RE/L 3	RE/L 6	RE/L 9	RE/L 12
Standard Model	W40LE03	W40LE06	W40LE09	W40LE12

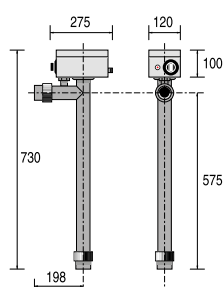
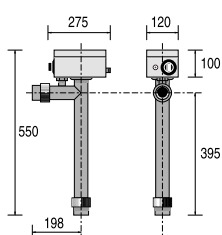
### HEATING PERFORMANCE & TECHNICAL FEATURES

Model	RE/L 3	RE/L 6	RE/L 9	RE/L 12
Operating power (kW)**	3	6	9	12
Maximum operating power Tri 400 V (A)***	5	9	13	18
Power cable size for tri 400 V (mm²)****	5 x 2,5		5 x 4	
Maximum operating power Mono 230 V (A)***	14	27	40	
Power cable size for Mono 230 V (mm²)****	3 x 4	3 x 6	3 x 10	
Min. flow (m³/h)	5			
Max. flow (m³/h)	22			
Hydraulic connection	PVC Ø 50 ou Ø 63			

\* Private open-air pool, temperate climate with an isothermal cover from May 15th to September 15th. \*\* Manufacturing tolerance of + or -5%. \*\*\* Tolerance operating voltage +6 -10%. Grid power supply. \*\*\*\* For a maximum length of 20 metres.

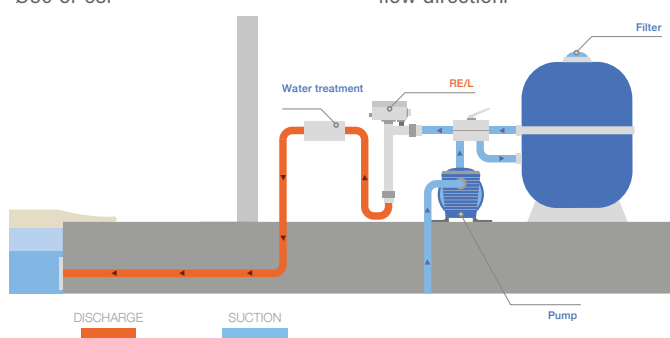
### WEIGHT AND DIMENSIONS

Model	RE/L 3	RE/L 6	RE/L 9	RE/L 12
Weight (kg)	4		5	



### INSTALLATION

- Shipped with wall-mount bracket.
- In-line PVC hydraulic connection, Ø50 or 63.
- Supports any flow direction: just turn the device to match the water flow direction.





# HEAT EXCHANGERS

## Heating the pool using the domestic heating

Installed close to the boiler, Zodiac® heat exchangers use the heating circuit in the house to heat the water in the swimming pool.

**Very financially advantageous**, they are also very efficient and provide a **rapid temperature rise** (1 to 2 days).

### > CHOOSING A HEAT EXCHANGER

Several parameters are considered when choosing a heat exchanger. Depending on the size of the pool to be heated, the desired use (temperature and period) and temperature of the primary heating circuit, the appropriate heat exchanger should be selected.






Zodiac® heat exchangers are **compatible with all domestic heating systems**. With more than 17 models, they are suitable for all installations.

**Ti<sup>22</sup>**  
TITANE  
INSIDE

#### REFERENCE POINT

All Zodiac® heat exchangers are fitted with titanium pipes and plates making them very robust.

#### COMPARATIVE TABLE OF RANGES

	HEAT LINE			URANUS+	
	Unequipped	Plus, without circulating pump	Plus, with circulating pump	Unequipped	Plus
					
Application	All heating types			All heating types	
Power with primary at 90°C	From 20 to 70 kW			From 35 to 240 kW	
Power with primary at 45°C	From 4 to 14 kW			From 13 to 57 kW	
Assembly type	In line without bypass			L with bypass	
Heat exchanger type	Titanium multi-tube			Titanium plates	
Power pack		•	•		•
Flow switch		•	•		•
Regulation		•	•		•
Circulating pump			•		•



## EXCHANGERS

# Uranus



### Unequipped and Plus

- + Compatible with all types of home heating systems (Heat Pump, Boiler, Geothermal, Solar)
- + High heat exchange
- + Digital regulation



Uranus PLUS



Uranus Unequipped

**2** YEAR  
WARRANTY

**EASY**  
INSTALLATION

**SERVICES**  
+

**Ti<sup>22</sup>**  
TITANE  
INSIDE

**MADE IN**  
FRANCE

### DESCRIPTION

- Appliance completely assembled and wired
- High performance plate exchanger TITANIUM plates
- PRIMARY with adjustable accelerator 2 1/4 turn valves, 1 valve - male thread. Ø 26/34 with Ø 20/22 soldering cartridges
- SECONDARY - PVC Ø 50
- Digital display thermostat
- Flow switch
- Mono 230 V wiring from a mains outlet
- Purge or emptying cap

### PRODUCT REFERENCES

Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	WJ000001	WJ000003	WJ000005	WJ000007
Plus	WJ000002	WJ000004	WJ000006	WJ000008

### TECHNICAL FEATURES

Model		URANUS 35	URANUS 70	URANUS 120	URANUS 240
Max. pressure (pool circuit)		3 bar / 2 bar			
Max. permitted temperature		90 °C / 40°C			
Connections	PRIMARY Heating (Unequipped model)	Ø20/22			Ø26/28
	SECONDARY Pool	PVC Ø50			
Flow (M³/H)	PRIMARY Heating	1,6	2,1	2,8	6,3
	SECONDARY Pool	2	2,9	4,3	8,7
Load Loss (MMCE)	PRIMARY Heating	1500	1200	1000	2000
	SECONDARY Pool	2400	2300	2500	3800

### HEATING PERFORMANCE

Model		URANUS 35	URANUS 70	URANUS 120	URANUS 240
Power with primary at 90°C (kW)		55	80	120	240
Power with primary at 60°C (kW)		27	38	63	123
Power with primary at 45°C (kW)		15	21	34	68

### DIMENSIONS (MM) AND WEIGHT

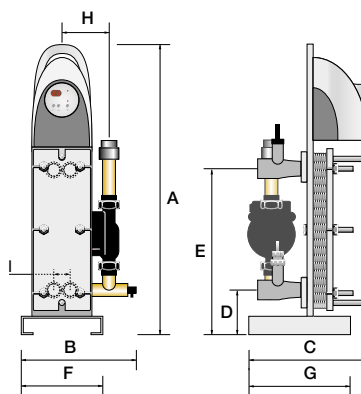
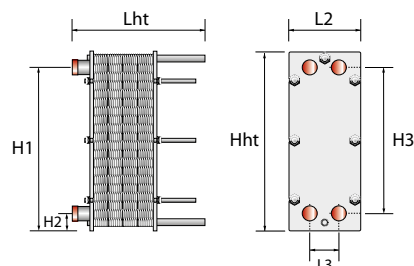
Model	URANUS 35	URANUS 70	URANUS 120	URANUS 240
Unequipped	14 kg	15 kg	17 kg	31 kg
Plus	29 kg	30 kg	31 kg	50 kg

### DIMENSIONS (MM) UNEQUIPPED MODEL

Model	URANUS 35-70-120	URANUS 240
Lht	255	407
L2	140	200
L3	50	60
Hht	380	500
H1	339	429
H2	41	75
H3	298	357

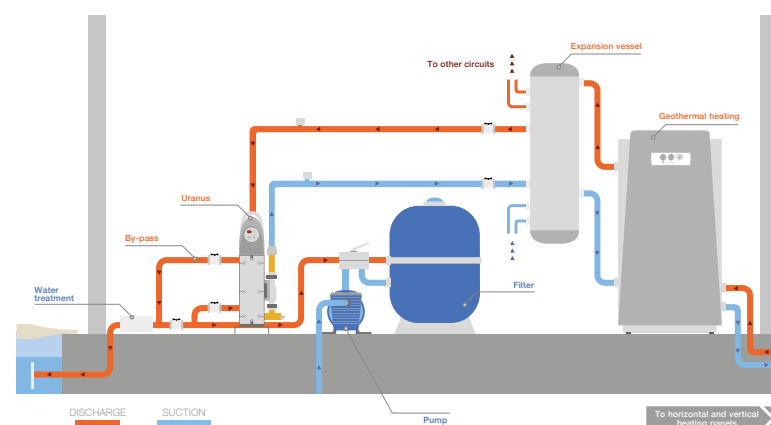
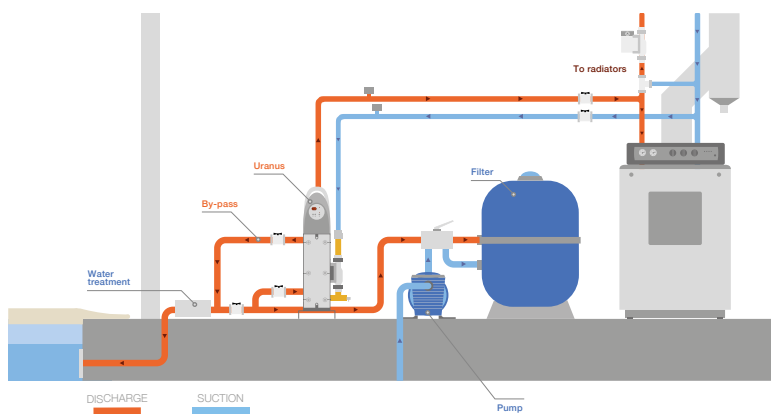
### DIMENSIONS (MM) PLUS MODEL

Model	URANUS 35-70-120	URANUS 240
A	758	840
B	334	347
C	415	480
D	116	137
E	414	494
F	250	250
G	200	450
H	127	148
I	50	60



### INSTALLATION

- In the technical facility nearby the boiler at the filtering system output (plan a by-pass).
- Single-phase electric power supply 230V
- In special cases: exchanger supplied from a geothermal or heat pump.
- The exchanger must be sized taking into account the heating needs of the pool, the specifications of the exchangers with primary at 45°C or 60°C (see specifications table) and the power of the geothermal. For correct operation of the geothermal we recommend installing a buffer tank as shown in the diagram below.



## EXCHANGERS

# Heat Line



Unequipped, Plus without circulating pump & with circulating pump



Unequipped



Plus with regulation and without circulating pump



Plus with regulation and circulating pump

**2** YEAR  
WARRANTY



**Ti<sup>22</sup>**  
TITANE  
INSIDE



- + Compatible with all types of home heating systems (Heat Pump, Boiler, Geothermal, Solar)
- + Versatile installation concept
- + Digital regulation

## DESCRIPTION

- Injected noryl Polyamide casing
- TITANIUM tubes
- Check valve
- Low consumption circulating pump, A class <sup>(1)</sup>
- Reversible interface (allowing right or left pool water inlet)
- Flow switch <sup>(2)</sup>
- Pre-wired electric box with 230 V plug <sup>(2)</sup>
- Digital regulation <sup>(2)</sup>
- Reversible installation layout

(1) On «Plus» models with circulating pump (2) On «Plus» models with and without circulating pump

## PRODUCT REFERENCES

Model	HEATLINE 20	HEATLINE 40	HEATLINE 70
Unequipped	W49NT20	W49NT40	W49NT70
Plus, without circulating pump	W49KT20W	W49KT40W	W49KT70W
Plus, with circulating pump	W49KT20	W49KT40	W49KT70

## TECHNICAL FEATURES

Model		HEATLINE 20	HEATLINE 40	HEATLINE 70
Max. pressure (pool circuit)		2 bar		
Max. permitted temperature		90 °C		
Connections	PRIMARY Heating (Unequipped model)	Ø26/34 F / Ø26/34 M	Ø26/34 F - Ø26/34 M	Ø26/34 F / Ø26/34 M
	SECONDARY Pool	PVC Ø63 ou 50		
Flow (M <sup>3</sup> /H)	PRIMARY Heating	0,9	1,7	3
	SECONDARY Pool	10	15	20
Load Loss (MMCE)	PRIMARY Heating	150	200	300
	SECONDARY Pool	500	800	1000

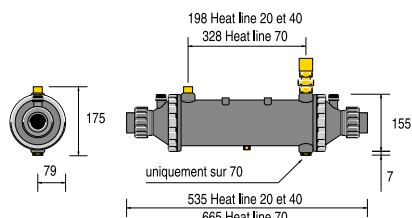
\* Private open-air pool, temperate climate with an isothermal cover and primary at 90°C from May 15th to September 15th

## HEATING PERFORMANCE

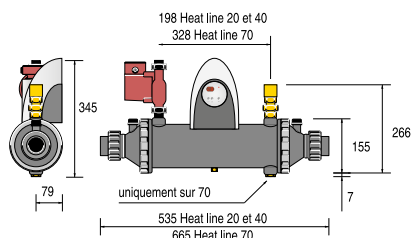
Model		HEATLINE 20	HEATLINE 40	HEATLINE 70
Power with primary at 90°C (kW)		20	40	70
Power with primary at 60°C (kW)		8,5	17	30
Power with primary at 45°C (kW)		4	8	14

## DIMENSIONS (MM) AND WEIGHT

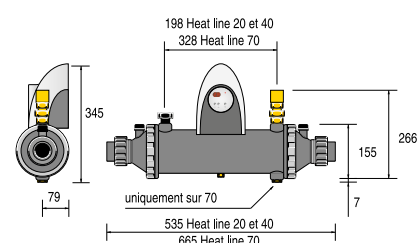
Model	HEATLINE 20	HEATLINE 40	HEATLINE 70
Unequipped	3 kg	3 kg	4 kg
Plus, without circulating pump	4 kg	4 kg	5 kg
Plus, with circulating pump	6,5 kg	7 kg	12 kg



Heat Line Unequipped



Heat Line Plus with circulating pump



Heat Line Plus without circulating pump

## INSTALLATION

- In the technical facility nearby the boiler at the filtering system output (without a by-pass). Horizontal in-line position on the pipe. Primary supply from above.
- Single-phase electric power supply 230V
- Primary and secondary circuits' flow may be reversed by turning the exchanger.
- Special cases: exchanger powered using solar panels.
- The exchanger must be chosen according to pool heating requirements, exchanger specifications with primary at 45 °C or 60 °C (see specifications table) and power returned by the solar panels. In all cases, the exchanger must be supplied from a solar tank installed between the panels and the exchanger.
- Heat Line exchangers are not compatible with direct connection to solar panels.
- Caution: maximum primary source temperature = 90 °C Maximum pressure = 2 bar. Exchanger installed with existing wall-mounted boiler or with boiler whose regulator is in the boiler's interior.

