ZODIAC®

a FLUIDRA company

2019 Catalogue

POOL CARE EQUIPMENT

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Fluidra and Zodiac have closed their merger

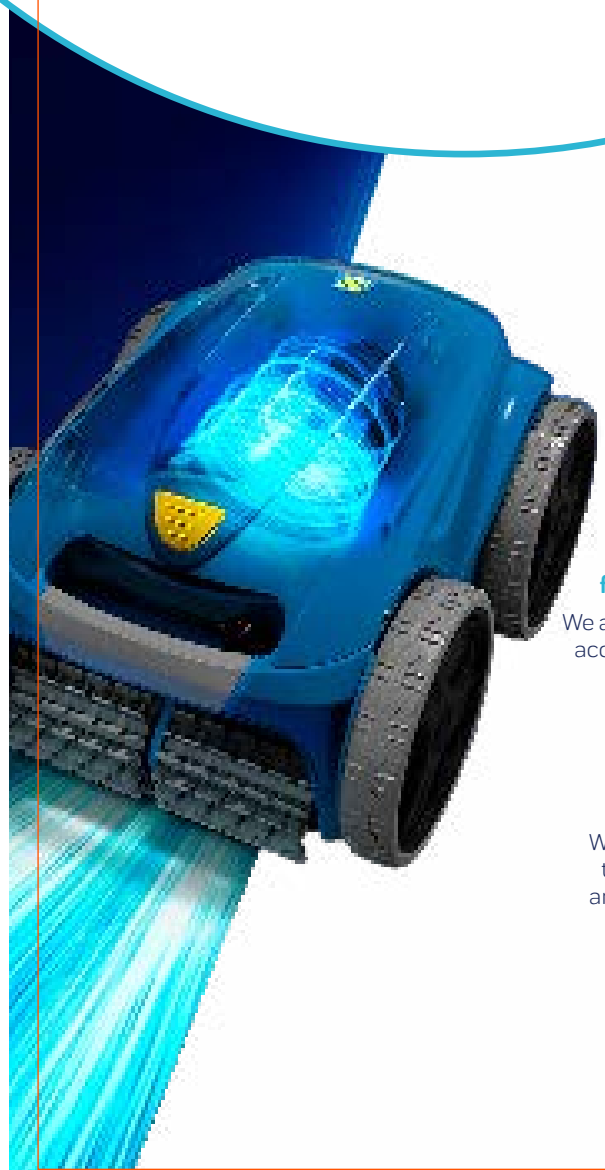
WELCOME TO THE NEW FLUIDRA

Our mission is to be the most customer-focused pool company in the industry.

Our team of product and market experts is now 5,500 people strong, meaning more resources to support innovation in critical areas such as energy-efficiency, electronic pool cleaners and the Internet of things.

We now offer you a wider range of products from the most recognized brands in the sector. Likewise, our logistics network is more extensive, allowing us to provide you with the product that you need, when and where you need it.

We are guided by clear values and come to work every day with a simple and direct mission in mind: To create the perfect pool and wellness experience.



OUR **MISSION**

WE CREATE THE PERFECT POOL AND WELLNESS EXPERIENCE

Customer collaboration

We add value for our users and customers

Passion for success

We are committed, accountable and consistent

NEW VALUES FOR THE NEW FLUIDRA

Excellence and innovation

We continuously improve and aim to be the best

Honesty and Trust

We are honest, transparent and accessible

Learn and adapt

We are open minded, flexible and positive

Teamwork

1+1 > 2
We are humble and inclusive

KEY **FIGURES**

€1.3 BILLION	€0.2 BILLION	5,500	46	136	37
Sales (global)	Ebitda (global)	Number of employees	Number of countries	Number of sales branches	Number of production centres

HIGHLY RECOGNIZED **BRANDS**

Jandy Pro Series · ASTRALPOOL · Polaris · CEPEX · ZODIAC · Gre

A GLOBAL **POWERHOUSE**

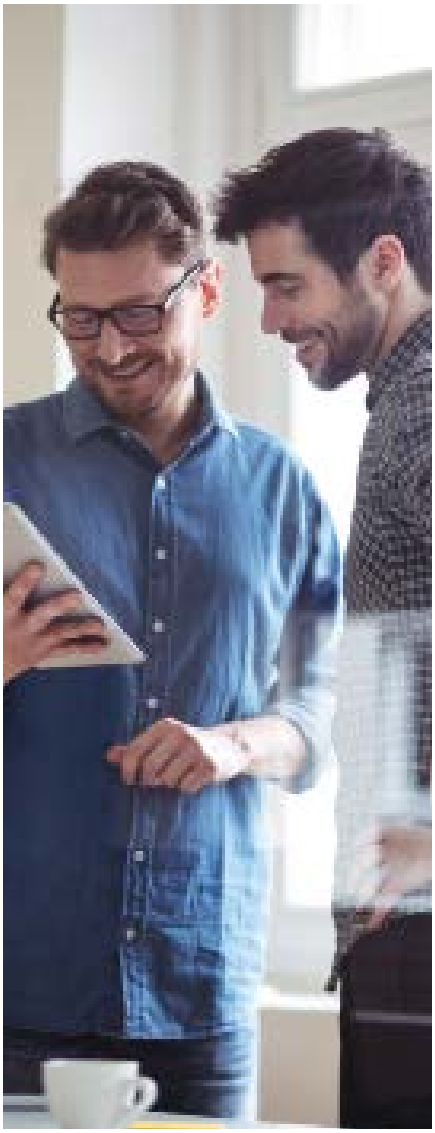
North America HQ **San Diego**

Global HQ **Barcelona**

> THE 5 ZODIAC® SERVICE COMMITMENTS

1/ A PERSONALISED WELCOME

Every day, **we offer you the best welcome and the most appropriate response to your needs**, while measuring the quality of our actions so as to meet these needs as quickly as possible. Our teams of experts provide you with **constructive, clear and full support:** your time is precious, and we are as keen as you are on **efficiency**.



2/ AVAILABILITY

We are here to give you clear and useful information (diagnostics, advice, actions, deadlines) when you need it (and particularly online, with 24/7 access).

3/ A NETWORK OF PARTNER SERVICE CENTRES

If you need help with your heating or dehumidification device, **we guarantee home servicing for our clients from** the best partner service centres.

4/ CONTINUOUS QUALITY TRAINING

Our teams are trained regularly on both our products and our various tools to ensure you always receive a complete, precise and high-quality response.

5/ CONTINUED IMPROVEMENT TO OUR SERVICES

We pay attention to the feedback and comments that you pass on to us, particularly through satisfaction surveys, so we can continually improve and offer you new solutions. Intuitive and available any time via the Internet, **our tools are constantly evolving to meet all your requirements.**

5 COMMITMENTS TO SUPPORTING YOU EVERY DAY

How to recognise us: the Expert Partner Services label

This special Zodiac® "signature" is further evidence of our commitment to you: it unites our "Service" employees behind a common European identity and behind the same values, guaranteeing you the same quality of "Expert" response.

ZODIAC® EXPERT PARTNER Services

> YOUR NEW PRO SPACE

Free, practical and accessible **24/7**, your dedicated Zodiac® Espace PRO will provide you with tools, professional tips and useful information day in, day out!

> UNIQUE, PERSONAL access to all your Zodiac® **tools** with **a single access code.**

> BILPI: A complete tool

- New, simplified interface
- Integrated pump/filter dimensions

> CARE Center: Your after-sales service management tool

- Place your after-sales service orders online and track all of your activity in real-time

> MEDIA Center: All of the Zodiac documents in just one click!

- All the instructions, after-sales service procedures, commercial documents, videos, etc. as well as an "Alert - new document" function
- You can send your documents directly by e-mail!

> TRAINING COURSES: "Customised" solutions for your teams

- Find out more about the training opportunities for your teams, in our training section

> AND EVEN MORE

- NEWS: the most useful and targeted information
- iAqualink: the Automation for pools
- Catalogue: your Zodiac® products and services
- And direct access to specific tools/services, etc.

www.pro.zodiac-poolcare.com

How do I get my personal codes?

Directly on line (www.pro.zodiac-poolcare.com), click on "Request your User ID"

> AFTER-SALES SERVICE

> OUR SALES HOTLINE IS WAITING FOR YOUR CALL

- **A SINGLE number** for all your after-sales needs (technical support, ordering spare parts).
- **Active listening** so we can improve our service.
- **Expert technicians**, who are regularly trained to answer your questions.
- Approved after-sales service centres, carefully selected for their skills.
- Service quality as shown in our satisfaction surveys:
  92% of customers are satisfied*.

> ESPACE PRO: Your CARE Center after-sales service management tool

CONTACT US:
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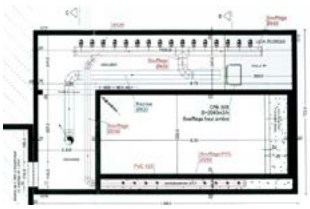
E-mail: sav@zodiac.com

> PRODUCT SPECIFICATION DEPARTMENT

- **A team of technicians will advise you** in selecting products, from their sizing to installation.
- To help develop your business, we carry out **almost 40,000 surveys each year.**
- **You benefit from unique expertise on dehumidification** for indoor pools, and for all your "Added Value" projects (equipment, accessories, ducted systems, etc.).
- The design office will help you to keep track of **"turnkey" projects** (quotes, plans, advice).



QUALITY

Create your plans in AUTOCAD

Significantly boost your chances of success by using our teams' expertise in this field!

> ESPACE PRO:

Your BilPi product selection/sizing tool.

CONTACT US:
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*Monthly postal surveys carried out with Consumers who made an after-sales service claim for heating; return of 30% people surveyed in 2018

> HELPING YOU TRAIN YOUR TEAMS

> ZODIAC, AS YOUR PREFERRED TRAINING PARTNER

Upon request, we can set up specific trainings for you and your teams :

- "face-to-face" **workshops** at Zodiac's premisses or at a more convenient location
- "digital" **VISIO-Trainings** (on live interactive webinars)

According to your need and request, our teams will build up with you a program adapted to what you need, and set up all logistics aspects, in order to maximize attendency and final satisfaction.

Available any time, in your Espace PRO : the SELF-Training section.

This website tab will give you free access to a lot of training material (pdfs, videos...) that you can use for yourself or share with your teams.

Do you want to offer all of your teams new training opportunities? Try our distance learning training courses!

Visio training

Discover new products free of charge and expand your knowledge thanks to:

> webinars,

> presented live by our Expert technicians.

Self-training

Move at your own pace and in a way that suits you thanks to free access to our training materials via the MEDIA Center tool.

CONTACT US: ✉ **E-mail:** formation.zpce@zodiac.com

> CUTTING-EDGE INNOVATIONS

eXO® iQ, eXO® iQ LS & Hydroxinator® iQ

WATER CONTROL WITH A DOSE OF SERENITY

A truly efficient and automatic disinfection solution, the salt water chlorinators, eXO® iQ and eXO® iQ LS, and the exclusive magnesium-based chlorinator solution, Hydroxinator® iQ are easy to use and offer complete water treatment with lower maintenance.

ALL-IN-ONE CONTROL

All water quality control is centralised in a single interface: pH, chlorination, additional equipment (filtration pump, lighting...)

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 its reliability, the chlorinator comes with a 3-year unconditional warranty[1].

BUILT-IN WI-FI[2]

The iAquaLink™ app allows you to have remote and real-time control of your water quality and your pool's equipment[3] from your smartphone or tablet.

eXO® iQ

eXO® iQ LS

Low salinity version

Hydroxinator® iQ

MagnaPool® Mineral Pool Science | Exclusive magnesium-based chlorinator solution

[1]3 years inconditional (Device), 2 years (pH sensor), 1 year (ORP sensor and consumables). [2]iAquaLink™ app availability during the 2019 pool season [3]Connected to the eXO® solution.

Z400 iQ

THE ELEGANT AND DISCRETE HEAT PUMP

With its sleek and modern design, the Z400 iQ heat pump fi ts perfectly into its surroundings. Ideal for heating your pool, this solution lets you fully enjoy your pool longer.

UNIQUE DESIGN

With its sleek lines and
two available colours, the Z400 disappears elegantly into your pool's surroundings.

QUIET AND DISCRETE

Thanks to its SILENCE mode and vertical air outlet, the Z400 is a discrete heat pump, helping you forget it's there even in the smallest of gardens.

BUILT-IN WI-FI[2]

With your smartphone, you can remotely set and consult Z400 iQ heat pump's different modes of operation.

BLUE CONNECT PLUS

Connected device Blue Connect[4] continuously analyses your water quality. Combined with a free app, it provides guidance to balance your pool water in easy steps.

QUICK AND EASY INSTALLATION AND USE:

- Installed in 3 minutes
- Works with all water types (pools and spas)
- Directly transmits pool data to your smartphone via the free Blue Connect app
- Analyses water quality and indicates the chemical products to use

PERMANENT POOL MAINTENANCE ASSISTANT:

- Innovative sensor measuring the water temperature, pH, level of disinfectant (ORP) and water conductivity
- Smartphone alerts when action is needed
- 24/7 pool status at a glance
- Customised practical guide for optimal chemical product use

2-year warranty
(Device and sensor)

Pay as you go

Auto-connected

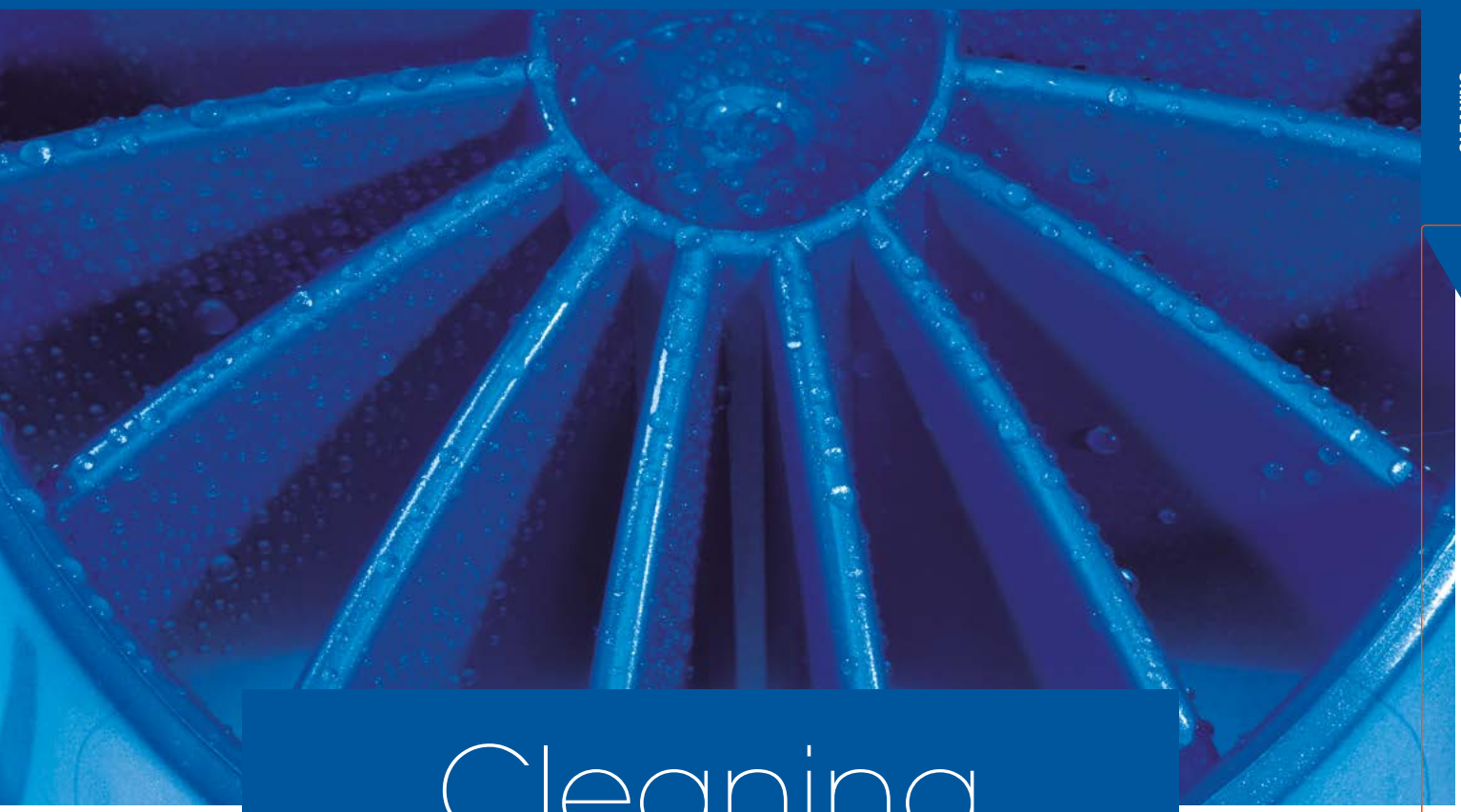
[4]Riiot Labs's Blue Connect Plus is now marketed by the Zodiac®'s sales force.

> PICTOGRAMS

Finding your way around the catalogue

OPTIONAL KIT TECHNICAL ROOM	Can be installed in a technical room.
Ti 22 TITANE INSIDE	Contains a titanium element
HYGRO CONTROL	Control unit available for Hygro Control.
UNCONDITIONNAL WARRANTY UNCONDITIONNAL	Whatever the problem, the equipment is repaired or exchanged during the guarantee period.
5 YEAR CONDENSER WARRANTY	Heat pump condenser : 5-year warranty against corrosion
5 YEAR WARRANTY ON TANK	Filter tank : 5-year warranty against corrosion
UPGRADABLE SYSTEM	Additional options can be added to the equipment.
EASY INSTALLATION	Easy installation of equipment.
EASY RETROFIT	Easy installation and no need to alter piping
MagnaPool ECOSYSTEM	Compatible with the MagnaPool® system.
ALL TYPE OF LININGS	Compatible whit all surfaces.
ABOVE GROUND POOLS	Compatible with above-ground pools.
ALL TYPES OF SWIMMING POOLS	Compatible with all types of pools.

PATENTED LIFT SYSTEM	Easy to remove from the water using the Lift System that expels a powerful jet of water contained in the cleaner.
SWIVEL	Prevents cable tangling
PUSH'N'GO	Easy access to the filter with Push'n'Go™.
PATENTED CYCLONE SUCTION	Product fitted with cyclone suction technology.
SERVICES +	Service solutions to help you.
NF	NF-certified guarantees quality and safety of certified products and services.
REVERSIBLE	Option allowing the heat pump to cool the water in the pool.
iAquaLink COMPATIBLE	Product that could be wired to a connected control device to be remotely managed using iAquaLink™ app
iAquaLink CONTROL	Product with buitl-in connectivity that can be remotely managed using iAquaLink™ app
ALL TYPES OF HOT TUBS	Compatible with all types of hot tubs.
ECO-FRIENDLY	Environnementally-friendly product.
ENERGY SAVING	Economize and save energy.
	All-in-one control.



Cleaning

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> 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, Plug&Play is **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 filter bag 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 all 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 six pre-programmed cycles, a **Deep Clean** cycle to clean the pool floor and a one-hour **Quick Clean** programme. 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.

> VORTEX™ PRO, ULTIMATE POWER

Robotic cleaners from the Vortex™ PRO range are equipped with patented extra-powerful and constant cyclonic suction. With the patented Zodiac® **Lift System** technology, removing the robotic cleaner from the pool has never been simpler. A powerful water jet is activated when the cleaner is removed from the water, **making it lighter to carry**. They also have an extra-large suction capacity, thanks to their 4.7 L filter basket and their wide suction inlet.

> 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 constant** cyclonic 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. Vortex™ PRO 4WD robotic cleaners also come with **Lift System** technology, so they are lighter when being removed from water (20% less effort). Their **extra-large suction** capacity is just one more features that makes these robotic cleaners the highest performing in the range.

> ELECTRIC CLEANERS

A stand-alone and efficient solution

COMPARATIVE TABLE OF RANGES	RT 2100	RT 3200	RC 4400 RC 4401	RV 4400	RV 5300	RV 5400 RV 5480 iQ	RV 5500	RV 5600
Warranty	2 years	2 years	2 years	3 years	3 years	3 years	3 years	3 years
Cable length Swimming pool dimensions	14 m (8 x 4 m)	16,5 m (9 x 4 m)	18 m (12 x 6 m)	18 m (12 x 6 m)	18 m (12 x 6 m)	18 m (12 x 6 m)	21 m (15 x 7 m)	25 m (20 x 10 m)
Floor only	X		X	X	X	X	X	X
Floor / walls / water line		X	X	X	X	X	X	X
Water line only						RV 5480 iQ	X	X
Lift System				X		X	X	X
Swivel						X	X	X
4-wheel drive					X	X	X	X
Remote control						RV 5480 iQ via app	X	X
Programmable for up to 7 days						X	X	X
Rigid filter canister	3 L	3 L	3,7 L	5 L	5 L	5 L	5 L	5 L

ASPIRATION CYCLONIQUE BREVETÉE

CYCLONE SUCTION

Patented technology for powerful cleaning

> HOW DOES IT WORK?

The high-power Vortex inside the filter keeps debris in suspension instead of collecting it**, thereby preventing the filter from blocking** and **maintaining cleaning performance.**

maintien des débris en suspension

Robotic cleaners equipped with cyclonic suction can be found here: **RV 4400**, **RV 5400**, **RV 5500, RV 5600** and **RV 5480 iQ**

PATENTED LIFT SYSTEM®

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 cyclonic suction can be found here: **RV 4400**, **RV 5400**, **RV 5480 iQ**, **RV 5500** and **RV 5600**

CLEANING

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.**

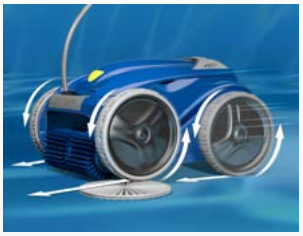
Robots equipped with 4-wheel drive can be found here: **RV 5400, RV 5500, RV 5600** and **RV 5480 iQ**

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** range adapt to all situations. Whatever the shape of your pool, **they clean with the utmost precision**.



> OPTIMAL COVERAGE AND PERFECT GRIP

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

Robots equipped with 4-wheel drive can be found here: **RV 5300**, **RV 5400**, **RV 5500, RV 5600** and **RV 5480 iQ**

PUSH'N'GO™

Patented innovation for easy access to the filter

> ACCESS THE FILTER IN JUST 1 CLICK

To make the filter even easier to access, Zodiac® created Push'n'Go™, an exclusive system that combines **comfort and ease of handling**.

> HOW DOES IT WORK?

Click the button located on the top of the robotic cleaner to raise the handle. Then pull it to remove the robotic cleaner's filter basket.

Robots equipped with Push'n'Go™ can be found here: **RC 4400** and **RC 4401**

> 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

TECHNICAL SPECIFICATIONS	RT 2100	RT 3200
Cleaning areas	Floor only	Floor / Walls
Types of pools	8 x 4 m 14m cable	9 x 4 m 16,5m cable
	Liner, polyester hull, reinforced PVC, painted concrete, Tiles (dedicated brushes)	Liner, polyester hull, reinforced PVC, painted concrete, Tiles (dedicated brushes)
	Rectangular, oval, free shape	Rectangular, oval, free shape
Filter	3L	3L
	Rigid Filter canister with access over the cleaner	Rigid Filter canister with access over the cleaner
	Opaque window	Transparent window
	Filter canister 100µ	Filter canister 100µ
Weight (without cable)	5,5 kg	5,5 kg
Weight (when removing from water)	13 kg	13 kg
Length of cleaning cycles	1 cycle / 2h	1 cycle / 2h30
Warranty	2 years	2 years
Transport cart	Optional	Optional

*With specific brushes for optimal operation in certain tiled pools.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

RT 2100 TORNAX PRO

2 YEAR WARRANTY

EFFICIENCY, PURE AND SIMPLE

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

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: 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 : 2h
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks
Transmission	Gear transmission
Brushes	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	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 cm² / 100µ
Filtering capacity	3 L
Theoretical cleaning width	17 cm

PIÈCES DÉTACHÉES **Spare parts p.196**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Trolley	Special tile brush (unit)
Reference	R0763100	R0762900	R0763000	R0767600	R0774900
ex VAT Price	**38,33 €**	**38,33 €**	**38,33 €**	**98,33 €**	**30,35 €**

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

9 317545 022420

RT 3200 TORNAX PRO

2 YEAR WARRANTY

EFFICIENCY, PURE AND SIMPLE

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

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: 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 : 2h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks
Transmission	Gear transmission
Brushes	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	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 cm² / 100µ
Filtering capacity	3 L
Theoretical cleaning width	17 cm

PIÈCES DÉTACHÉES **Spare parts p.196**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Trolley	Special tile brush (unit)
Reference	R0763100	R0762900	R0763000	R0767600	R0774900
ex VAT Price	**38,33 €**	**38,33 €**	**38,33 €**	**98,33 €**	**30,35 €**

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

9 317545 022437

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> CYCLONX™ PRO

The essentials of Zodiac® technology

PUSH'N'GO™ | **Push'n'Go™ system**
(easy access to the filter)

Filter basket
and large capacity (3.7 L)

Caterpillar tracks

Filter basket
and large capacity (3.7 L)

Multiple cleaning areas
(floor, sides, water line)

Control unit

Transport cart
(supplied with the cleaner or as an accessory)

COMPARATIVE TABLE OF THE RANGE

	RC 4400	RC 4401
Swimming pool dimensions	12 x 6 m	12 x 6 m
Cleaning areas	Floor / walls / water line	Floor / walls / water line
Pool surface	Liner, reinforced PVC, painted concrete, Tiles: dedicated brushes kit	Polyester hull
Cleaning cycles	6	6
Cleaning time adjustement	Yes	Yes
Full filter indicator	Yes	Yes
Window of the filter	Transparent	Transparent
Cable length	18 m	18 m
Trolley	Yes	Yes

CONTROL UNIT FUNCTIONS

SYMBOLS ON CONTROL UNITS	DESCRIPTIONS OF SYMBOLS	RC 4400 RC 4401
	Start / Stop the cleaner	●
	Control indicator	●
	Surfaces to clean* Floor only Floor + walls + water line	●
	Surface check	●
	'Clean filter' indicator	●
	Adjustment of cleaning time	●

*** The cleaning cycle selected is identified using the illuminated icons**

RC 4400 - RC 4401 CYCLONX™ PRO

2 YEAR WARRANTY

CONCENTRATED TECHNOLOGY

+ Optimal cleaning for the floor/walls/water line
+ Large suction capacity
+ Filter access at the push of a button
+ RC 4401: dedicated to polyester hull pools

PUSH'N GO

RC 4400

RC 4401
(dedicated to polyester hull pool)

Product offered for sale on the «pool dealer» channel

REFERENCE PRICE

Product reference: 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 / water line
Number / Length of cleaning cycles	6 cycles : - Floor «Deep Clean» : 1h, 1h30, 2h - Floor / walls / water line : 1h, 1h30, 2h
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	Tracks
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	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 cm² / 100µ
Filtering capacity	3,7 L
Theoretical cleaning width	22 cm

PIÈCES DÉTACHÉES Spare parts p.198

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)
Reference	R0632602	R0632601	R0632600	R0568100	R0697600	R0718600
ex VAT Price	**43,70 €**	**43,70 €**	**43,70 €**	**49,63 €**	**65,55 €**	**129,21 €**

9 317545 014135

> VORTEX™ PRO RANGE
Ultimate power

COMMON FEATURES OF THE RANGE

3 filtration levels available

Handle positioned in front of the cleaner and water discharged at the rear

Vortex™ technology: cyclone suction powerful and constant

Blade brushes

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

Patented Lift System

Extra-wide **suction inlet**

Filter full indicator

COMPARATIVE TABLE OF THE RANGE

	RV 4400	RV 5300	RV 5400	RV 5480 iQ	RV 5500	RV 5600
Swimming pool dimensions	12 x 6 m	12 x 6 m	12 x 6 m	12 x 6 m	15 x 7 m	20 x 10 m
Cleaning areas	Floor only, floor / walls / water line	Floor only, floor / walls / water line	Floor only, floor / walls / water line	Floor only, floor / walls / water line, water line only	Floor only, floor / walls / water line, water line only	Floor only, floor / walls / water line, water line only
Cleaning cycles	2	2	2	multiple	multiple	multiple
Programmable power pack - 7 days	No	No	Yes	Yes	Yes	Yes
Lift System	Yes	No	Yes	Yes	Yes	Yes
Swivel	No	No	Yes	Yes	Yes	Yes
Drive wheels	2	4	4	4	4	4
Remote control	No	No	No	by app	Yes	Yes
Full filter indicator	Yes	Yes	Yes	Yes	Yes	Yes
Cable length	18 m	18 m	18 m	18 m	21 m	25 m
Guarantee	3 years	3 years	3 years	3 years	3 years	3 years
Contact + brushes	No	Yes	Yes	Yes	Yes	Yes
Smartphone Connected	No	No	No	Yes	No	No

> CONTROL UNIT FUNCTIONS
of the Vortex™ Pro range

SYMBOLS ON CONTROL UNITS	DESCRIPTIONS OF SYMBOLS	RV 4400	RV 5300	RV 5400	RV 5480 iQ	RV 5500	RV 5600
	Start / Stop the cleaner	●	●	●	●	●	●
	Control indicator	●	●	-	-	-	-
	'Clean filter' indicator	●	●	●	●	●	●
	Removal from water mode	●	-	●	●	●	●
	Surfaces to clean Floor only Floor + sides + water line Water line only (RV 5500)	●	●	●	●	●	●
	Swimming pool shapes Flat-bottomed rectangular Other shapes, other floors	-	-	-	by app	●	●
	Adjustment of cleaning time No-intensive Intensive	-	-	-	by app	●	●
	Programming screen: Selection browsing DAYS / HOURS / MINUTES Confirm selection DAYS / HOURS / MINUTES Cancel programming Display time and set time Programming cleaning cycles and set time	-	-	●	by app	●	●
	Adjustment of cleaning time: Reduce or increase cleaning time (± 0.5 hr) Confirm adjusted time	-	-	●	by app	●	●
	Remote control Turn on / Turn off Removal from water mode	-	-	-	by app	●	●
	LAN WEB connectivity	-	-	-	●	-	-

RV 4400 VORTEX™ PRO 2 WD

3 YEAR WARRANTY

ULTIMATE POWER

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

PATENTED CYCLONE SUCTION

PATENTED LIFT SYSTEM

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: WR000028

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	Tiles*, liner, polyester hull, reinforced PVC, painted concrete

DESCRIPTION

Cleaning areas	Floor / walls / water line
Number / Length of cleaning cycles	2 cycles : - Floor «Deep Clean» : 1h30 - Floor / walls / water line : 2h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	2 wheel drive
Transmission	Gear transmission
Brushes	Yes
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	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	20,1 kg
Filtering surface and level	1180 cm² / 100µ
Filtering capacity	5 L
Theoretical cleaning width	24,5 cm

PIÈCES DÉTACHÉES **Spare parts p.200**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover	Front wheel tyre (for tiled pools) unit
Reference	R0638600	R0636600	R0643700	R0568100	R0636400
ex VAT Price	**49,16 €**	**49,16 €**	**49,16 €**	**49,63 €**	**30,32 €**

*For perfect grip of your cleaner on tiles, replace the original tracks with suction tracks sold as accessories: Track front wheel tile - reference R0636400

RV 5300 VORTEX™ PRO 4WD

3 YEAR WARRANTY

ULTIMATE POWER IN 4X4

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

PATENTED CYCLONE SUCTION

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: WR000161

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 / water line
Number / Length of cleaning cycles	2 cycles : - Floor «Deep Clean» : 1h30 - Floor / walls / water line : 2h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive
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	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 cm² / 100µ
Filtering capacity	5 L
Theoretical cleaning width	24,5 cm

PIÈCES DÉTACHÉES **Spare parts p.202**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
Reference	R0638600	R0636600	R0643700	R0568100
ex VAT Price	**49,16 €**	**49,16 €**	**49,16 €**	**49,63 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

9 317545 025841

RV 5400 VORTEX™ PRO 4WD

3 YEAR WARRANTY

ULTIMATE POWER IN 4X4

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

PATENTED CYCLONE SUCTION | PATENTED LIFT SYSTEM™ | SWIVEL

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: WR000107

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 / water line
Number / Length of cleaning cycles	2 cycles : - Floor «Deep Clean» : 1h30 - Floor / walls / water line : 2h30
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive
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	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
Theoretical cleaning width	24,5 cm

PIÈCES DÉTACHÉES Spare parts p.202

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
Reference	R0638600	R0636600	R0643700	R0568100
ex VAT Price	**49,16 €**	**49,16 €**	**49,16 €**	**49,63 €**

9 317545 023632

> RV 5480 iQ

Connected robotic pool cleaner : master the power

Zodiac® has designed a cleaner that is both powerful and intelligent. The RV 5480 iQ can be connected to and controlled by a smartphone, making your daily routine easier.

> EASY REMOTE CONTROL

TO KNOW MORE

- SIMPLE AND INTUITIVE TO USE
- LOCAL OR REMOTE CONTROL (BY WI-FI)
- HELPS TO SOLVE PROBLEMS
- AVAILABLE IN IOS 8.0 OR ANDROID 4.1 BY WI-FI

RV 5480 iQ VORTEX™ PRO 4WD

3 YEAR WARRANTY

CONNECTED ROBOTIC POOL CLEANER: MASTER THE POWER

+ Intutive and remotely driving by smartphone or tablet
+ Ultra-powerful & long lasting suction
+ All-terrain cleaner
+ Effortless removal from the water

PATENTED CYCLONE SUCTION · PATENTED LIFT SYSTEM™ · SWIVEL · AquaLink CONTROL

Telephone not included

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: WR000160

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 / water line
Number / Length of cleaning cycles	Multiple from 0h30 to 3h30 - Floor «Deep Clean» - Floor / walls / water line - Water line
Integrated programming clock	yes
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive
Transmission	Gear transmission
Brushes	Yes (Contact + Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	Remote control mode (with 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	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	21,1 kg
Filtering surface and level	1180 cm² / 100µ
Filtering capacity	5 L
Theoretical cleaning width	24,5 cm

PIÈCES DÉTACHÉES **Spare parts p.204**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
Reference	R0638600	R0636600	R0643700	R0568100
ex VAT Price	**49,16 €**	**49,16 €**	**49,16 €**	**49,63 €**

9 317545 025834

RV 5500 VORTEX™ PRO 4WD

3 YEAR WARRANTY

ULTIMATE POWER IN 4X4

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

PATENTED CYCLONE SUCTION | PATENTED LIFT SYSTEM™ | SWIVEL

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: WR000104

ACCESSORIES INCLUDED IN THE PACK

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

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 / water line
Number / Length of cleaning cycles	Multiple from 0h30 to 3h30 - Floor «Deep Clean» - Floor / walls / water line - Water line
Integrated programming clock	yes
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive
Transmission	Gear transmission
Brushes	Yes (Contact + Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	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	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	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	9,5 kg
Packaging weight	22,3 kg
Filtering surface and level	1180 cm² / 100µ
Filtering capacity	5 L
Theoretical cleaning width	24,5 cm

PIÈCES DÉTACHÉES **Spare parts p.202**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
Reference	R0638600	R0636600	R0643700	R0568100
ex VAT Price	**49,16 €**	**49,16 €**	**49,16 €**	**49,63 €**

9 317545 023656

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

RV 5600 VORTEX™ PRO 4WD

3 YEAR WARRANTY

ULTIMATE POWER IN 4X4

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

PATENTED CYCLONE SUCTION | PATENTED LIFT SYSTEM™ | SWIVEL

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: WR000064

ACCESSORIES INCLUDED IN THE PACK

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

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 / water line
Number / Length of cleaning cycles	Multiple from 0h30 to 3h30 - Floor «Deep Clean» - Floor / walls / water line - Water line
Integrated programming clock	yes
Power supply	Autonomous, connected to 230V mains supply before the transformer
Steering	Pre-programmed
Drive system	4 wheel drive
Transmission	Gear transmission
Brushes	Yes (Contact + Brushes)
Lift System	Yes
Full filter indicator	Yes
Remote control	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	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	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	9,5 kg
Packaging weight	22,5 kg
Filtering surface and level	1180 cm² / 100µ
Filtering capacity	5 L
Theoretical cleaning width	24,5 cm

PIÈCES DÉTACHÉES **Spare parts p.202**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Ultra-fine filter canister 60µ	Fine filter canister 100µ	Large debris filter canister 200µ	Protective cover
Reference	R0638600	R0636600	R0643700	R0568100
ex VAT Price	**49,16 €**	**49,16 €**	**49,16 €**	**49,63 €**

9 317545 017921

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

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
	Control unit	GREEN adapter
Vortex™ 1	Robot	RED adapter
Lazernaut, Cybernaut™ NT (>2010)	Robot (via robot control unit)	YELLOW adapter

QUICK DIAGNOSTIC BOX

+ No need for a computer
  - Simple LED system
  - Out-of-water testing possible

WHICH PRODUCTS?

Vortex™ range

TESTED ELEMENTS?

Control box, cable and engine block

PRODUCT REFERENCE

Product reference: W2143A

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> HYDRAULIC ROBOT CLEANERS

A simple and affordable solution

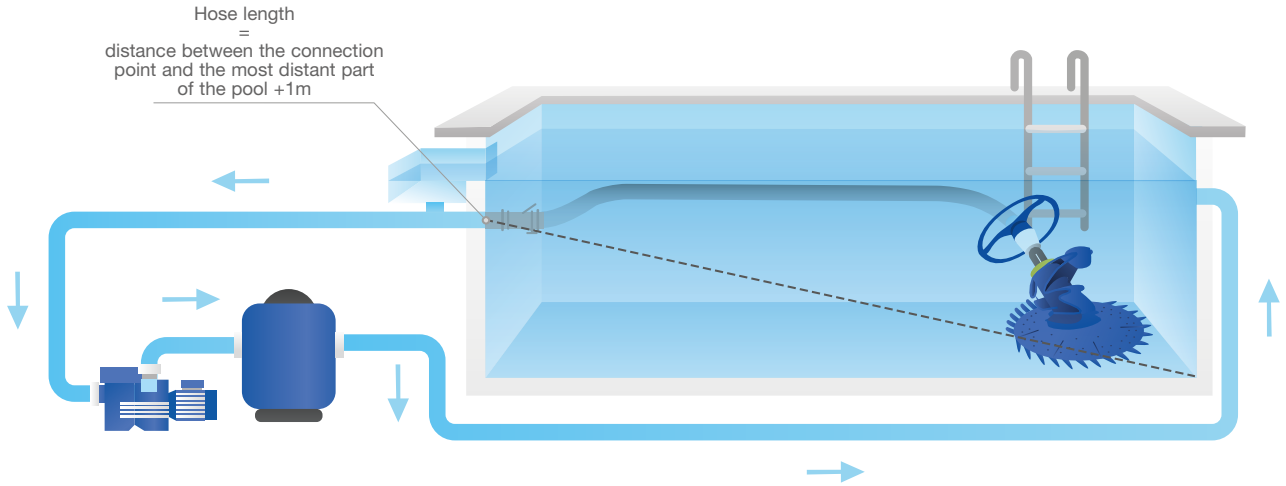
COMPARATIVE TABLE OF RANGES

	Kontiki™ 2	T3®	T5® Duo	MX9™
Guarantee	2 years	2 years	2 years	2 years
Pool Dimension max.	8 x 4 m	9 x 5 m	12 x 6 m	12 x 6 m
Number of pipes 1 m - Twist Lock pipe	8	10	12	12
Displacment	Diaphragm	Diaphragm	Diaphragm	Mechanical
Pool floors				
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	1/2 HP	3/4HP	3/4 HP*

* 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.



KONTIKI™ 2

2 YEAR WARRANTY

+ Diaphragm: membrane technology
+ Finned disc: optimum mobility of the cleaner

ABOVE GROUND

PRODUCT REFERENCE

Product reference: W70478

ACCESSORIES INCLUDED IN THE PACK

Adaptors (x2)

Hose deflectors (x2)

FOR WHICH TYPE OF POOLS?

Types of pools	Private above-ground pools with rigid walls, maximum 8 x 4 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	Recomended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Installation	Suction line or skimmer
Suction system	Diaphragm
Types of debris handled	Fine and medium
Units / pallet	24

TECHNICAL SPECIFICATIONS

Hose length	8 sections of 1 m
Cleaner size (L x W x h)	48 x 20 x 40 cm
Packaging size (L x W x h)	101 × 31,5 × 33 cm
Cleaner weight	1,3 kg
Packaging weight	5,5 kg
Filtering capacity	Pool filtering circuit
Cleaned width	40 cm
Displacement speed	6 m/min
Minimum required filter pump power	1/2 HP

PIÈCES DÉTACHÉES Spare parts p.220

OPTIONAL ACCESSORIES (NOT INCLUDED)

	6 sections of 1 m	Flow gauge
Reference	W69100	W70335P
ex VAT Price	**47,59 €**	**16,59 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

3 478580 704781

T3®

2 YEAR WARRANTY

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

ALL TYPE OF LININGS

PRODUCT REFERENCE

Product reference: 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

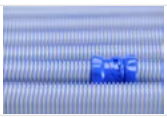
Cleaning areas	Floor
Cleaning cycles	Recomended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Installation	Suction line or skimmer
Suction system	Diacyclone Diaphragm
Types of debris handled	Fine and medium
Units / pallet	27

TECHNICAL SPECIFICATIONS

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 capacity	Pool filtering circuit
Cleaned width	30 cm
Displacement speed	6,5 m/min
Minimum required filter pump power	1/2 HP

PIÈCES DÉTACHÉES Spare parts p.222

OPTIONAL ACCESSORIES (NOT INCLUDED)

	
	6 section of 1m Twist Lock hoses
Reference	W78055
ex VAT Price	**115,41 €**

3 478580 706747

T5®Duo

2 YEAR WARRANTY

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

ALL TYPES OF SWIMMING POOLS

ALL TYPE OF LININGS

PRODUCT REFERENCE

Product reference: W78046

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	Recomended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Installation	Suction line or skimmer
Suction system	Diacyclone Diaphragm
Types of debris handled	Fine and medium
Units / pallet	24

TECHNICAL SPECIFICATIONS

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 × 45,5 × 29,5 cm
Cleaner weight	1,4 kg
Packaging weight	8,4 kg
Filtering capacity	Pool filtering circuit
Cleaned width	44 cm
Displacement speed	6 m/min
Minimum required filter pump power	3/4 HP

PIÈCES DÉTACHÉES Spare parts p.224

OPTIONAL ACCESSORIES (NOT INCLUDED)

	6 section of 1m Twist Lock hoses
Reference	W78055
ex VAT Price	**115,41 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

3 478580 780464

MX9™

2 YEAR WARRANTY

+ 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

ALL TYPES OF SWIMMING POOLS

Product offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product reference: 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	Recomended 6h filtering in three 2h sessions
Power supply	Filtering group
Steering	Random
Installation	Suction line or skimmer
Suction system	Mechanical suction : turbine
Types of debris handled	Fine and medium
Units / pallet	30

TECHNICAL SPECIFICATIONS

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 capacity	Pool filtering circuit
Cleaned width	36cm
Displacement speed	8 m/min
Minimum required filter pump power	3/4 HP (1 HP forTile pools)

PIÈCES DÉTACHÉES **Spare parts p.226**

OPTIONAL ACCESSORIES (NOT INCLUDED)

	6 section of 1m Twist Lock hoses
Reference	W78055
ex VAT Price	**115,41 €**

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Cyclonic™ Leaf Catcher

2 YEAR WARRANTY

+ 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

PRODUCT REFERENCE

Product reference: W37110

ACCESSORIES INCLUDED IN THE PACK

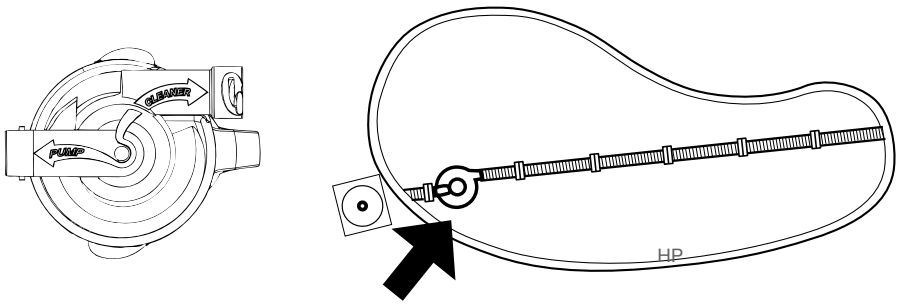
Standard hose and Twist Lock hose adaptors

DESCRIPTION

Installation	Suction line or skimmer
Types of debris handled	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.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

3 478580 371105

Spa Wand

2 YEAR WARRANTY

+ 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

ALL TYPES OF SWIMMING POOLS

ALL TYPE OF LININGS

PRODUCT REFERENCE

Product reference: 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

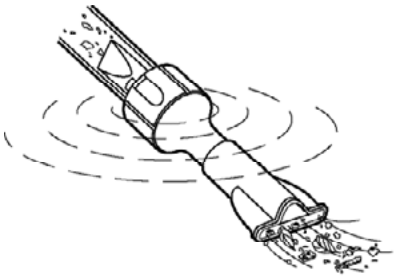
DESCRIPTION

Power supply	Manual brush
Installation	Suction line or skimmer
Types of debris handled	Dust, insects, gravel, leaves, …

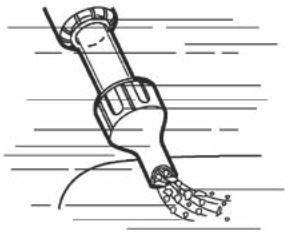
TECHNICAL SPECIFICATIONS

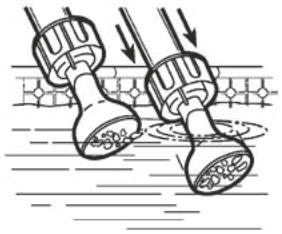
Cleaner size (L x W x h)	7 x 7 x 144 cm
Packaging size (L x W x h)	8 x 9 x 146 cm
Cleaner weight	1,2 kg
Packaging weight	1,7 kg

PIÈCES DÉTACHÉES Spare parts p.228



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





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

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ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Polaris®

INTRODUCTION **p.42**

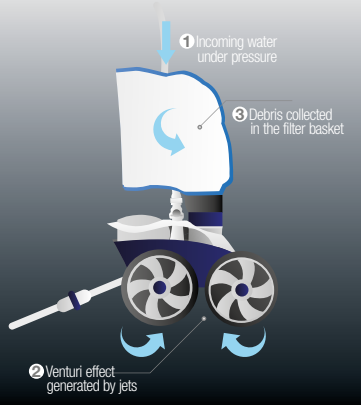
- Polaris® 3900 Sport p.43
- Polaris® Tail Sweep Pro p.44
- Buster pump & Control box p.45

> Polaris®

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

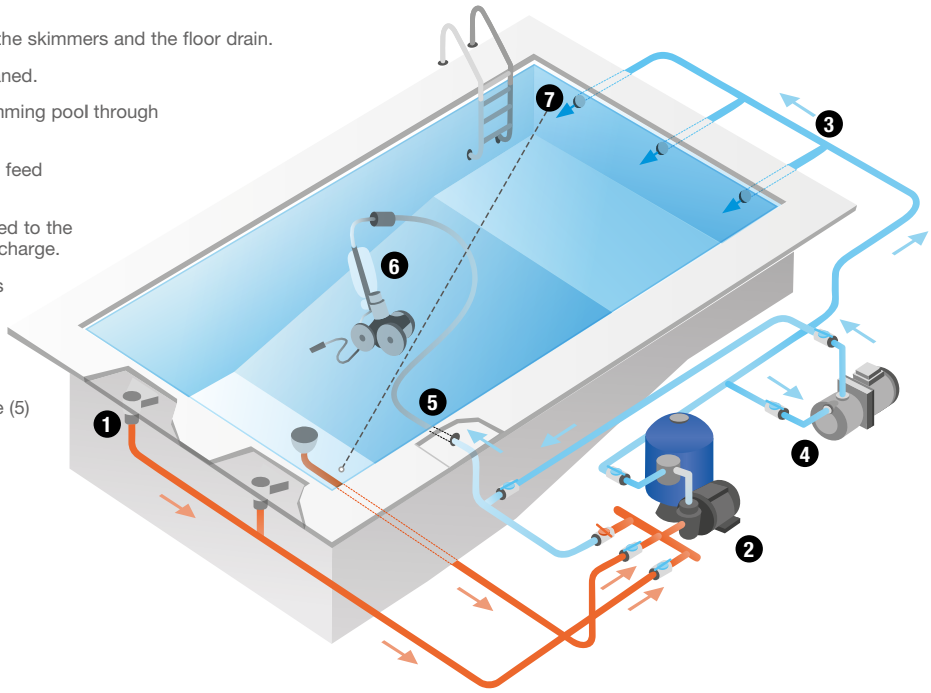
- The pipes of the vacuum point must be made of RIGID 16 bar PVC and not flexible material
- Booster, minimum 1 HP coupled to filtration

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.

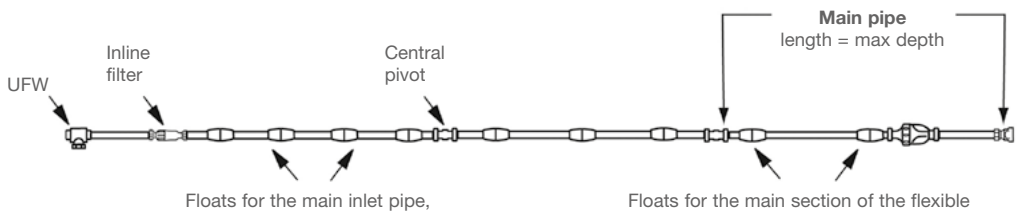
- Minimum operating pressure 1.8 bar

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



ZPCE: recommended sales price valid from 01/01/2019 through 30/09/2019

Polaris® 3900 SPORT

Polaris > 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.

PRODUCT REFERENCE

Product Reference : 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 pool	Private in-ground pools
Pool shapes	All shapes
Bottoms	Flat bottom, gentle slope, composed slope, diving pit, diamond point
Surfaces	Liner

DESCRIPTION

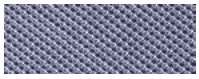
System type	Pressure cleaner
Steering	Random and automatic reverse
Power supply	Booster pump coupled to filtering
Suction	3 jets Venturi system
Debris collection	Filter bag + sweep hose scrubber

TECHNICAL SPECIFICATIONS

Required equipment*	1 HP booster pump, 1.5 HP booster pump and greater **
Operating pressure	2,2 à 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

PIÈCES DÉTACHÉES **Spare parts p.234**

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
	63,74€ HT	**#N/A**	**#N/A**	**#N/A**	**#N/A**

*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

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Polaris® TailSweep PRO®

Polaris > Pressure cleaner > Tail Sweep 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**

	18 units Display	Case of 12 units
PRODUCT REFERENCE		
Standard model	W7220031	W7220032

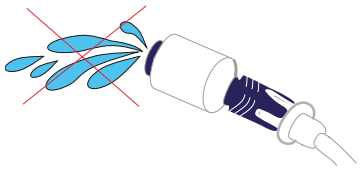
ACCESSORIES INCLUDED IN THE PACK

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



In the water :
The Trail Sweep Pro® side inlets are used to suck in the water which is re-injected by Venturi effect into the diffuser :
- Increased flow rate
- Optimised removal of debris

Side inlets for water suction or air suction

Diffuser for water dispersion

Out of the water :
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.

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12

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18

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

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” includ in the BPK pack

	Booster pump without connexion kit	Booster pump with connexion kit
PRODUCT REFERENCE		
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

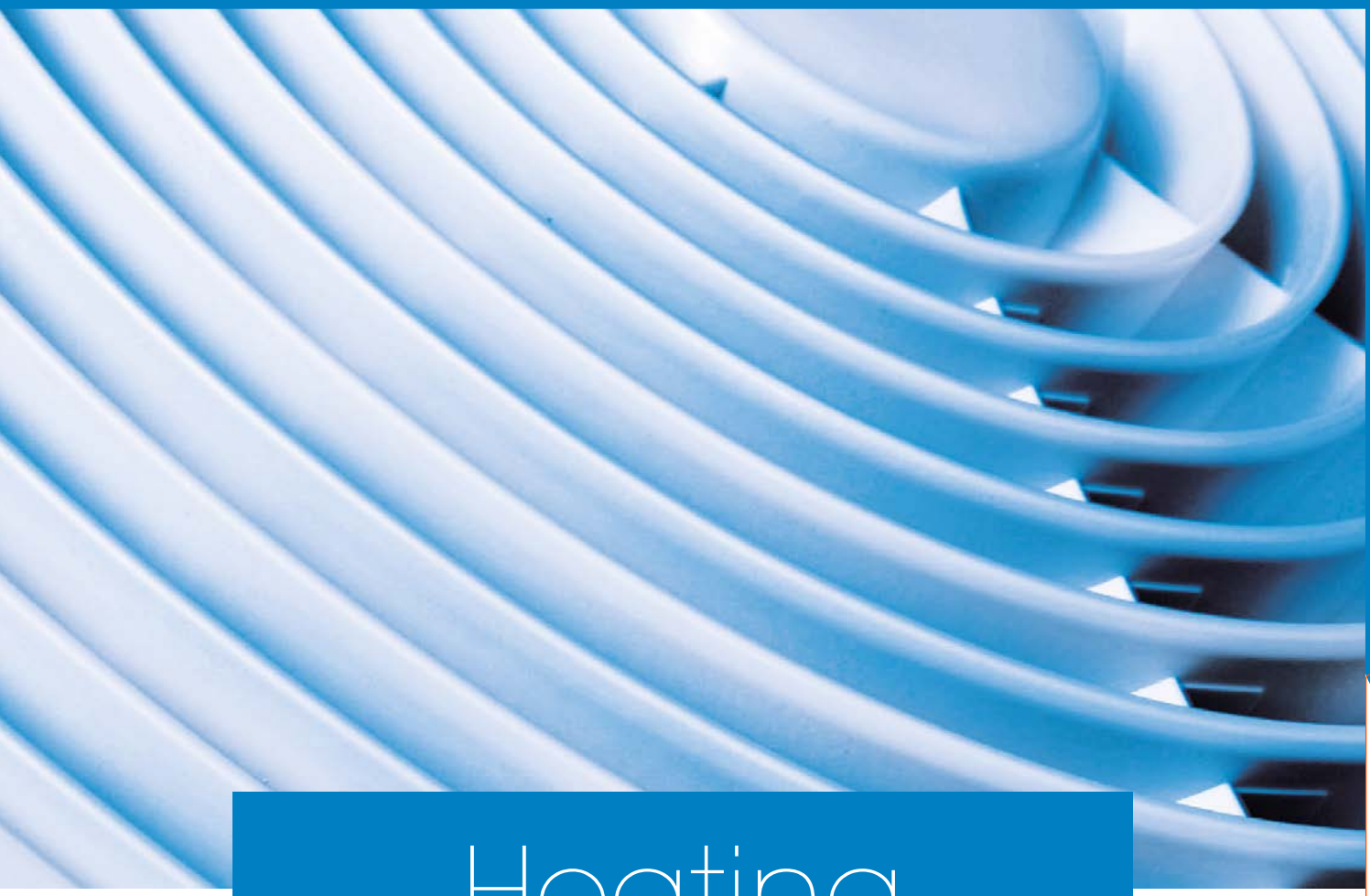
PIÈCES DÉTACHÉES **Spare parts p.236**

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

	Electric box
PRODUCT REFERENCE	
Standard model	CE-2001 / W2520001

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



Heating

INTRODUCTION **p.48**

HEAT PUMPS **p.49**

- Z200 p.56
- Z300 p.58
- Z300 reversible p.60
- Z400 iQ p.64
- ZS500 p.66
- Z600 Silent p.68
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ELECTRIC HEATER **p.76**

- RE/L p.77
- RED LINE p.78
- RE/U p.79
- RE/I p.80

EXCHANGERS **p.81**

- Heat Line - Unequipped, w/o circulator & Plus p.82
- Uranus + Unequipped and Pre-assembled p.84

> SWIMMING POOL HEATING SOLUTIONS

Equipping a pool with a heating solution means freedom from the vagaries of the weather and extending its use period.
Heat pumps, heaters, heat exchangers - the Zodiac® product range allows everyone to enjoy water at a constant ideal temperature under all circumstances.

> PARAMETERS FOR CHOOSING A HEATING SYSTEM

To define a system suitable for a pool, you need to know its **volume (in m³), the desired use period** and estimate the **temperature (in °C)** the water in the pool should reach.

These simple parameters will enable you to size the heating system correctly and will guarantee 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	Renewable	Electricity	Domestic heating source (gas, oil, electricity, renewable, etc.)
Running cost	€	€€€	€ to €€€
Investment	€€	€	€
Advantages	Economical Efficient	Simple installation Rapid temperature increase	Rapid temperature increase (if gas/oil boiler) 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

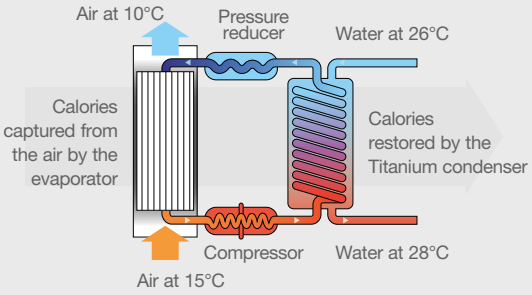
> HEAT PUMPS
The economical and ecological solution

Affordable and easy to install, 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.

Find the video
by scanning the QR code below:

or by visiting our YouTube channel:
http://youtu.be/-5UAXBFInX8

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

> WHAT TYPE OF 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:

- **Defrosting by ventilation or economical defrosting**
  The cooling circuit is stopped for a few minutes. Only the fan operates, forcing outside air (>7°C) to defrost naturally.
  This type of defrosting is suitable and adequate for all open air pools (seasonal use).
- **Defrosting by cycle inversion or intensive defrosting**
  The cooling 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 is essential for indoor or covered pools operating throughout the year.

> A SIZING SERVICE AVAILABLE TO HELP YOU

Benefit from **the support of the Zodiac®** design office or size Zodiac® systems yourself on the Internet using the **'BilPi' software**.
To find out more, see the 'Services' section in the introduction to this catalogue.

SERVICES +

REFERENCE POINT
Zodiac® offers service solutions to help you.
Find these services in this catalogue using this pictogram.

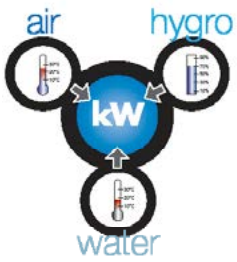
> HOW IS THE PERFORMANCE OF HEAT PUMPS COMPARED?

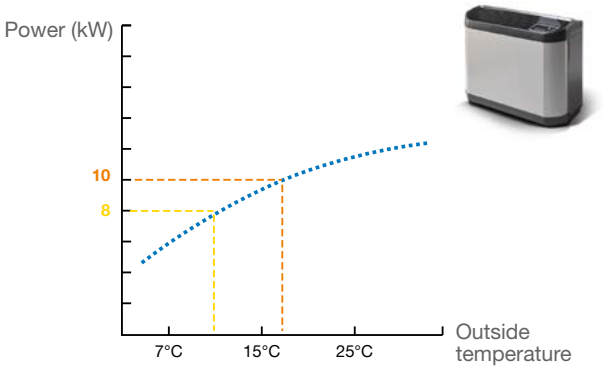
To compare the performance of different heat pumps, it is essential to compare power supplied and performance coefficient under the same temperature and humidity conditions.

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 varies depending on three conditions to which the heat pump is exposed during use: temperature of the outside air, humidity of the outside air and temperature of the water in the pool.



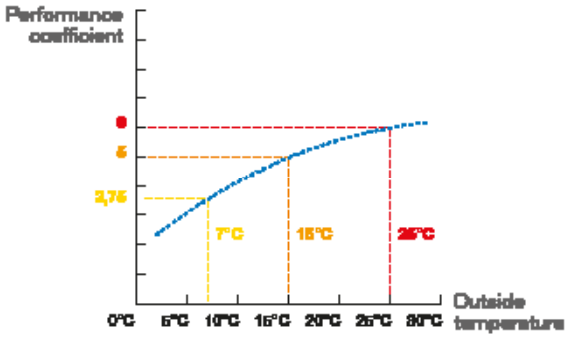


- The **coefficient of performance (COP)** is the ratio between the power supplied to the water in the pool and the power consumption of the heat pump.

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.

Like power, the performance coefficient depends directly on the conditions of use.



> ZODIAC® HEAT PUMPS: NF-CERTIFIED HEAT PUMPS

NF-certification for swimming pool heat pumps means:

- Certified performance (power returned, 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.

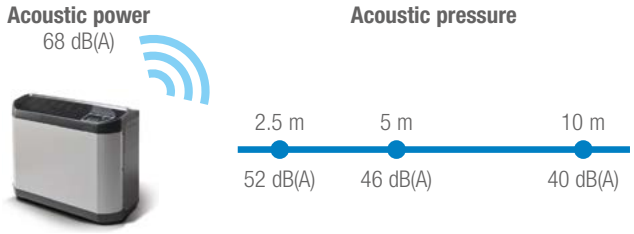
> HEAT PUMPS
A silent installation

> MEASURING NOISE LEVEL ACCURATELY

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

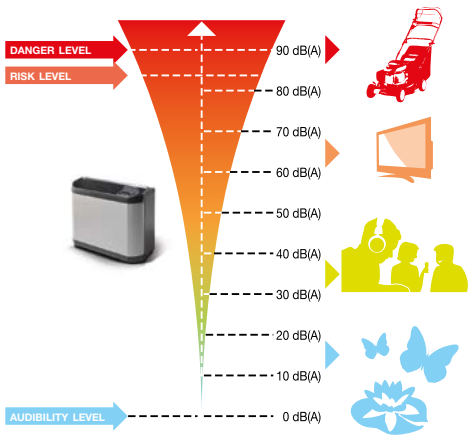
The noise level should be measured by a certified body to obtain a real and objective value. It is expressed:

- 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.



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.

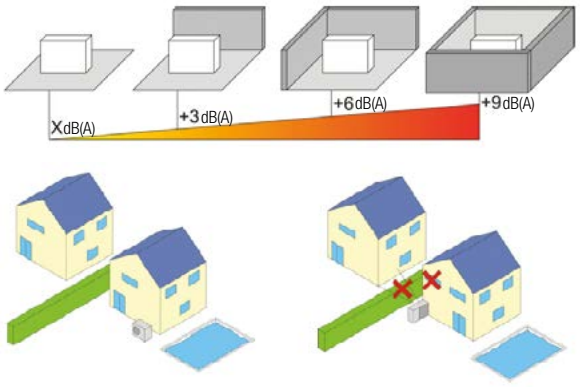
NOISE SCALE



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 was it measured!

> RECOMMENDATIONS FOR INSTALLING A SWIMMING POOL HEAT PUMP

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



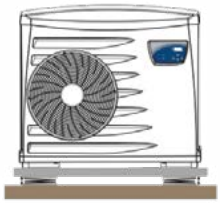
To avoid or reduce disturbances, a few installation rules should be followed:

- **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

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

Anti-vibration blocks
(ref : WAP3064)



Mounting base

HEAT PUMPS

Heat pumps offer a solution that is both **ecological** and **easy to install**, all with **highly competitive running costs**.

As thermodynamic devices, they transfer the calories (heat) present in the air to the pool water, for reduced energy consumption.

Ideal for **in-ground pools**, the Zodiac® range is available in several models to suit all types of pool.

From heat pumps for private pools...

COMPARATIVE TABLE OF THE RANGE	Z200	Z300	Z400 iQ	ZS500	Z600 Silent
Application	Residential	Residential	Residential	Residential	Private to small public pool
Type of pool	Open-air	Open-air or indoor	Open-air or indoor	Open-air or indoor	Open-air or indoor
Maximum volume of the pool*	Up to 70 m³	Up to 110 m³	Up to 120 m³	Up to 110 m³	Up to 150 m³
Advantages	Pool heating made simple	High performance and quiet - certified	Elegant and discrete	The eco-silent choice	Top quality. Made in Germany
Energy efficiency	+	++	++	+++	+++
Acoustics	+	++	++	+++	+++
Compact size	++	+	++	+++	+
Minimum operating T°	+5 °C	+5 °C	- 12°C	- 12°C	- 8 °C
Reversible operation to cool the pool			•	•	
Heating priority	•	•	•	•	•
Can be installed in a control room**		•		•	
Remote control option available	•	•	(Mobile application)	•	•
Certification		NF	(certification in progress)	NF	

* Volumes given for information only, subject to specific characteristics of each pool, based on heat study.
** With appropriate kit.

> 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.**

ÉCO RESPECTUEUX

DID YOU KNOW?
80% of the energy used to heat the pool comes from the outside air!

...to heat pumps for large public pools.

COMPARATIVE TABLE OF THE RANGE

	Z700 Duo	Power Force	Z900
Application	Residential	Small to medium public pool	Medium to large public pool
Type of pool	Indoor	Open-air or indoor	Open-air or indoor
Maximum volume of the pool*	Up to 75 m³	Contact us	Contact us
Advantages	The 2-in-1 heating solution for indoor pools	Economical and silent power	Energy efficiency and silence for public pools
Energy efficiency	+++	++	++
Acoustics	++	+	++
Compact size	+	+	++
Minimum operating T°	- 8 °C	- 12°C	- 12°C
Reversible operation to cool the pool		•	•
Heating priority		•	
Can be installed in a control room**			
Remote control option available	•	•	•
Certification		NF	

Z900, THE RANGE FOR LARGE POOLS

The **Z900 range is designed for large pools.**

EFFICIENT...

With up to 100kW of **power** and a coefficient of performance of over 4.2, this heat pump greatly reduces annual running costs.

... AND DISCREET

With a maximum acoustic pressure of 53 dB(A) at 10 m, the Z900 is **one of the quietest** in its category.

Its **vertical blower** system means the pump can be installed in all types of spaces.

There are two solutions for sizing Zodiac® systems: **support from the design office** or **"BilPi" software**.

* Volumes given for information only, subject to specific characteristics of each pool, based on heat study.
** With appropriate kit.

> ACOUSTIC POWER / PRESSURE MATCHING TABLE

FREE STANDING UNIT, HORIZONTAL PLANE, 360° FREE AREA

How to read: for an acoustic power of 60dB(A), the acoustic pressure at 7m of a unit installed on horizontal plane, 360° free area, is 35,1dB(A)

	Acoustic Pressure at N meters (free standing unit, horizontal plane, 360° free area) (dB(A))									
Acoustic power middle (dB(A))	1m	2m	3m	4m	5m	6m	7m	8m	9m	10m
20	12,0	6,0	2,5							
21	13,0	7,0	3,5	1,0						
22	14,0	8,0	4,5	2,0	0,0					
23	15,0	9,0	5,5	3,0	1,0					
24	16,0	10,0	6,5	4,0	2,0	0,5				
25	17,0	11,0	7,5	5,0	3,0	1,5	0,1			
26	18,0	12,0	8,5	6,0	4,0	2,5	1,1			
27	19,0	13,0	9,5	7,0	5,0	3,5	2,1	1,0		
28	20,0	14,0	10,5	8,0	6,0	4,5	3,1	2,0	0,9	0,0
29	21,0	15,0	11,5	9,0	7,0	5,5	4,1	3,0	1,9	1,0
30	22,0	16,0	12,5	10,0	8,0	6,5	5,1	4,0	2,9	2,0
31	23,0	17,0	13,5	11,0	9,0	7,5	6,1	5,0	3,9	3,0
32	24,0	18,0	14,5	12,0	10,0	8,5	7,1	6,0	4,9	4,0
33	25,0	19,0	15,5	13,0	11,0	9,5	8,1	7,0	5,9	5,0
34	26,0	20,0	16,5	14,0	12,0	10,5	9,1	8,0	6,9	6,0
35	27,0	21,0	17,5	15,0	13,0	11,5	10,1	9,0	7,9	7,0
36	28,0	22,0	18,5	16,0	14,0	12,5	11,1	10,0	8,9	8,0
37	29,0	23,0	19,5	17,0	15,0	13,5	12,1	11,0	9,9	9,0
38	30,0	24,0	20,5	18,0	16,0	14,5	13,1	12,0	10,9	10,0
39	31,0	25,0	21,5	19,0	17,0	15,5	14,1	13,0	11,9	11,0
40	32,0	26,0	22,5	20,0	18,0	16,5	15,1	14,0	12,9	12,0
41	33,0	27,0	23,5	21,0	19,0	17,5	16,1	15,0	13,9	13,0
42	34,0	28,0	24,5	22,0	20,0	18,5	17,1	16,0	14,9	14,0
43	35,0	29,0	25,5	23,0	21,0	19,5	18,1	17,0	15,9	15,0
44	36,0	30,0	26,5	24,0	22,0	20,5	19,1	18,0	16,9	16,0
45	37,0	31,0	27,5	25,0	23,0	21,5	20,1	19,0	17,9	17,0
46	38,0	32,0	28,5	26,0	24,0	22,5	21,1	20,0	18,9	18,0
47	39,0	33,0	29,5	27,0	25,0	23,5	22,1	21,0	19,9	19,0
48	40,0	34,0	30,5	28,0	26,0	24,5	23,1	22,0	20,9	20,0
49	41,0	35,0	31,5	29,0	27,0	25,5	24,1	23,0	21,9	21,0
50	42,0	36,0	32,5	30,0	28,0	26,5	25,1	24,0	22,9	22,0
51	43,0	37,0	33,5	31,0	29,0	27,5	26,1	25,0	23,9	23,0
52	44,0	38,0	34,5	32,0	30,0	28,5	27,1	26,0	24,9	24,0
53	45,0	39,0	35,5	33,0	31,0	29,5	28,1	27,0	25,9	25,0
54	46,0	40,0	36,5	34,0	32,0	30,5	29,1	28,0	26,9	26,0
55	47,0	41,0	37,5	35,0	33,0	31,5	30,1	29,0	27,9	27,0
56	48,0	42,0	38,5	36,0	34,0	32,5	31,1	30,0	28,9	28,0
57	49,0	43,0	39,5	37,0	35,0	33,5	32,1	31,0	29,9	29,0
58	50,0	44,0	40,5	38,0	36,0	34,5	33,1	32,0	30,9	30,0
59	51,0	45,0	41,5	39,0	37,0	35,5	34,1	33,0	31,9	31,0
60	52,0	46,0	42,5	40,0	38,0	36,5	35,1	34,0	32,9	32,0
61	53,0	47,0	43,5	41,0	39,0	37,5	36,1	35,0	33,9	33,0
62	54,0	48,0	44,5	42,0	40,0	38,5	37,1	36,0	34,9	34,0
63	55,0	49,0	45,5	43,0	41,0	39,5	38,1	37,0	35,9	35,0
64	56,0	50,0	46,5	44,0	42,0	40,5	39,1	38,0	36,9	36,0
65	57,0	51,0	47,5	45,0	43,0	41,5	40,1	39,0	37,9	37,0
66	58,0	52,0	48,5	46,0	44,0	42,5	41,1	40,0	38,9	38,0
67	59,0	53,0	49,5	47,0	45,0	43,5	42,1	41,0	39,9	39,0
68	60,0	54,0	50,5	48,0	46,0	44,5	43,1	42,0	40,9	40,0
69	61,0	55,0	51,5	49,0	47,0	45,5	44,1	43,0	41,9	41,0
70	62,0	56,0	52,5	50,0	48,0	46,5	45,1	44,0	42,9	42,0
71	63,0	57,0	53,5	51,0	49,0	47,5	46,1	45,0	43,9	43,0
72	64,0	58,0	54,5	52,0	50,0	48,5	47,1	46,0	44,9	44,0
73	65,0	59,0	55,5	53,0	51,0	49,5	48,1	47,0	45,9	45,0
74	66,0	60,0	56,5	54,0	52,0	50,5	49,1	48,0	46,9	46,0
75	67,0	61,0	57,5	55,0	53,0	51,5	50,1	49,0	47,9	47,0
76	68,0	62,0	58,5	56,0	54,0	52,5	51,1	50,0	48,9	48,0
77	69,0	63,0	59,5	57,0	55,0	53,5	52,1	51,0	49,9	49,0
78	70,0	64,0	60,5	58,0	56,0	54,5	53,1	52,0	50,9	50,0
79	71,0	65,0	61,5	59,0	57,0	55,5	54,1	53,0	51,9	51,0
80	72,0	66,0	62,5	60,0	58,0	56,5	55,1	54,0	52,9	52,0

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> ZODIAC HEAT PUMPS ACOUSTIC TABLE

Reference	Product	Mode	Acoustic Power (dB(A))	Acoustic Pressure at n metres (dB(A)) (free standing unit, horizontal plane, 360° free area)									
				1	2	3	4	5	6	7	8	9	10
WH000010	Z200 M2	Boost	66,1	58,1	52,1	48,6	46,1	44,1	42,6	41,2	40,1	39,0	38,1
WH000011	Z200 M3	Boost	67,1	59,1	53,1	49,6	47,1	45,1	43,6	42,2	41,1	40,0	39,1
WH000012	Z200 M4	Boost	68,6	60,6	54,6	51,1	48,6	46,6	45,1	43,7	42,6	41,5	40,6
WH000013	Z200 M5	Boost	71,7	63,7	57,7	54,2	51,7	49,7	48,2	46,8	45,7	44,6	43,7
WH000014	Z300 M4	Boost	67	59,0	53,0	49,5	47,0	45,0	43,5	42,1	41,0	39,9	39,0
WH000015	Z300 M5	Boost	68	60,0	54,0	50,5	48,0	46,0	44,5	43,1	42,0	40,9	40,0
WH000016	Z300 T5	Boost	70	62,0	56,0	52,5	50,0	48,0	46,5	45,1	44,0	42,9	42,0
WH000019	Z300 M7	Boost	67	59,0	53,0	49,5	47,0	45,0	43,5	42,1	41,0	39,9	39,0
WH000017	Z300 MD5	Boost	68	60,0	54,0	50,5	48,0	46,0	44,5	43,1	42,0	40,9	40,0
WH000018	Z300 TD5	Boost	70	62,0	56,0	52,5	50,0	48,0	46,5	45,1	44,0	42,9	42,0
WH000020	Z300 MD8	Boost	65,1	57,1	51,1	47,6	45,1	43,1	41,6	40,2	39,1	38,0	37,1
WH000021	Z300 TD8	Boost	65,1	57,1	51,1	47,6	45,1	43,1	41,6	40,2	39,1	38,0	37,1
WH000287/288	Z400 MD4	Boost	64,6	56,6	50,6	47,1	44,6	42,6	41,1	39,7	38,6	37,5	36,6
WH000289/290	Z400 MD5	Boost	65,3	57,3	51,3	47,8	45,3	43,3	41,8	40,4	39,3	38,2	37,3
WH000291/292	Z400 MD7	Boost	66	58,0	52,0	48,5	46,0	44,0	42,5	41,1	40,0	38,9	38,0
WH000293/294	Z400 TD7	Boost	68	60,0	54,0	50,5	48,0	46,0	44,5	43,1	42,0	40,9	40,0
WH000295/296	Z400 MD8	Boost	validation pending	-	-	-	-	-	-	-	-	-	-
WH000297/298	Z400 TD8	Boost	validation pending	-	-	-	-	-	-	-	-	-	-
WH000299/300	Z400 MD9	Boost	validation pending	-	-	-	-	-	-	-	-	-	-
WH000301/302	Z400 TD9	Boost	validation pending	-	-	-	-	-	-	-	-	-	-
WH000287/288	Z400 MD4	Silence	61,5	53,5	47,5	44,0	41,5	39,5	38,0	36,6	35,5	34,4	33,5
WH000289/290	Z400 MD5	Silence	63,2	55,2	49,2	45,7	43,2	41,2	39,7	38,3	37,2	36,1	35,2
WH000291/292	Z400 MD7	Silence	63	55,0	49,0	45,5	43,0	41,0	39,5	38,1	37,0	35,9	35,0
WH000293/294	Z400 TD7	Silence	66	58,0	52,0	48,5	46,0	44,0	42,5	41,1	40,0	38,9	38,0
WH000295/296	Z400 MD8	Silence	validation pending	-	-	-	-	-	-	-	-	-	-
WH000297/298	Z400 TD8	Silence	validation pending	-	-	-	-	-	-	-	-	-	-
WH000299/300	Z400 MD9	Silence	validation pending	-	-	-	-	-	-	-	-	-	-
WH000301/302	Z400 TD9	Silence	validation pending	-	-	-	-	-	-	-	-	-	-
WH000001	ZS500 MD4	100% capacity	62	54,0	48,0	44,5	42,0	40,0	38,5	37,1	36,0	34,9	34,0
WH000002	ZS500 MD5	100% capacity	66	58,0	52,0	48,5	46,0	44,0	42,5	41,1	40,0	38,9	38,0
WH000003	ZS500 TD5	100% capacity	66	58,0	52,0	48,5	46,0	44,0	42,5	41,1	40,0	38,9	38,0
WH000004	ZS500 MD8	100% capacity	67	59,0	53,0	49,5	47,0	45,0	43,5	42,1	41,0	39,9	39,0
WH000005	ZS500 TD8	100% capacity	67	59,0	53,0	49,5	47,0	45,0	43,5	42,1	41,0	39,9	39,0
WH000001	ZS500 MD4	75% capacity	58,2	50,2	44,2	40,7	38,2	36,2	34,7	33,3	32,2	31,1	30,2
WH000002	ZS500 MD5	75% capacity	62	54,0	48,0	44,5	42,0	40,0	38,5	37,1	36,0	34,9	34,0
WH000003	ZS500 TD5	75% capacity	60	52,0	46,0	42,5	40,0	38,0	36,5	35,1	34,0	32,9	32,0
WH000004	ZS500 MD8	75% capacity	63,8	55,8	49,8	46,3	43,8	41,8	40,3	38,9	37,8	36,7	35,8
WH000005	ZS500 TD8	75% capacity	64,4	56,4	50,4	46,9	44,4	42,4	40,9	39,5	38,4	37,3	36,4
WH000001	ZS500 MD4	50% capacity	54	46,0	40,0	36,5	34,0	32,0	30,5	29,1	28,0	26,9	26,0
WH000002	ZS500 MD5	50% capacity	57	49,0	43,0	39,5	37,0	35,0	33,5	32,1	31,0	29,9	29,0
WH000003	ZS500 TD5	50% capacity	56	48,0	42,0	38,5	36,0	34,0	32,5	31,1	30,0	28,9	28,0
WH000004	ZS500 MD8	50% capacity	53	45,0	39,0	35,5	33,0	31,0	29,5	28,1	27,0	25,9	25,0
WH000005	ZS500 TD8	50% capacity	57	49,0	43,0	39,5	37,0	35,0	33,5	32,1	31,0	29,9	29,0
WH000006	Z600 Silent MD5	Boost	58	50,0	44,0	40,5	38,0	36,0	34,5	33,1	32,0	30,9	30,0
WH000048	Z600 Silent MD7	Boost	58	50,0	44,0	40,5	38,0	36,0	34,5	33,1	32,0	30,9	30,0
WH000007	Z600 Silent TD7	Boost	58	50,0	44,0	40,5	38,0	36,0	34,5	33,1	32,0	30,9	30,0
WH000008	Z600 Silent TD9	Boost	60	52,0	46,0	42,5	40,0	38,0	36,5	35,1	34,0	32,9	32,0
WH000009	Z600 Silent TD12	Boost	60	52,0	46,0	42,5	40,0	38,0	36,5	35,1	34,0	32,9	32,0
WH000266	Z700 Duo MD5	Boost	67,4	59,4	53,4	49,9	47,4	45,4	43,9	42,5	41,4	40,3	39,4
WH000267	Z700 Duo TD5	Boost	67,4	59,4	53,4	49,9	47,4	45,4	43,9	42,5	41,4	40,3	39,4
WH000268	Z700 Duo MD8	Boost	64,5	56,5	50,5	47,0	44,5	42,5	41,0	39,6	38,5	37,4	36,5
WH000269	Z700 Duo TD8	Boost	64,5	56,5	50,5	47,0	44,5	42,5	41,0	39,6	38,5	37,4	36,5
W20PFORCE25TD	Power Force 25 tri	Boost	70,3	62,3	56,3	52,8	50,3	48,3	46,8	45,4	44,3	43,2	42,3
W20PFORCE35TD	Power Force 35 tri	Boost	70,6	62,6	56,6	53,1	50,6	48,6	47,1	45,7	44,6	43,5	42,6
WH000270	Z900 TD20	Boost	47	39,0	33,0	29,5	27,0	25,0	23,5	22,1	21,0	19,9	19,0
WH000271	Z900 TD30	Boost	49	41,0	35,0	31,5	29,0	27,0	25,5	24,1	23,0	21,9	21,0
WH000272	Z900 TD50	Boost	53	45,0	39,0	35,5	33,0	31,0	29,5	28,1	27,0	25,9	25,0

Z200

+ The most compact
+ Guaranteed heating thanks to heating priority
+ Suits most pools

Product offered for sale on the «pool dealer» channel

	Z200 M2	Z200 M3	Z200 M4	Z200 M5
PRODUCT REFERENCE				
Standard model	WH000010	WH000011	WH000012	WH000013

ACCESSORIES INCLUDED IN THE PACK

Winter cover

PVC fittings 1/2 unions 40 & 50

Anti-vibrations pads

EQUIPMENTS

- Horizontal blowing
- Polypropylene body
- Digital display
- Heating priority mode (filtration pump control)
- Automatic defrosting (forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: +5°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Rotary vane compressor
- Capillary expansion valve
- Refrigerant fluid: R410A

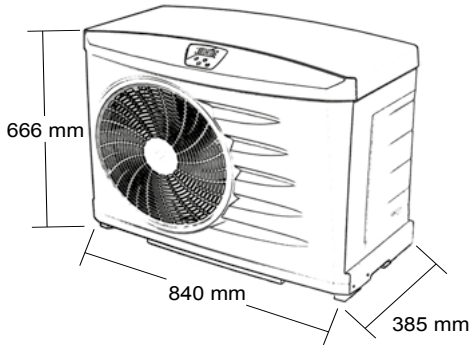
PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%				
Operating power (kW)	**6.1**	**9**	**12**	**14.1**
Consumed power (kW)	1.1	1.9	2.5	3
COP	5.6	4.7	4.8	4.7
PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70%				
Operating power (kW)	4.6	6.3	8.4	10.2
Consumed power (kW)	1	1.6	2.1	2.6
COP	4.5		4.0	
TECHNICAL SPECIFICATIONS				
Recommended pool volume* (m^3)	0-30	20-45	30-60	40-70
Average water flow (m^3/h)	3	4	5	
Hydraulic connection	PVC 1/2union, Ø 40 or 50, glued			
Electric power supply	230 V / 1 / 50 Hz			
Nominal operating power (A)	4.45	7.09	9.36	11.2
Maximum operating power (A)	5.2	8.7	12.4	15.7
Power cable size	3 x 2.5			
Refrigerant fluid quantity (g)	0.73	0.95	1.06	1.1
Acoustic pressure at 10m (dB(A))	38.2	39.1	40.6	43.7

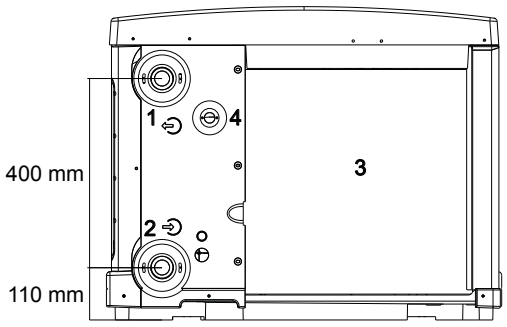
*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September.
**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

DIMENSIONS (MM) AND WEIGHT

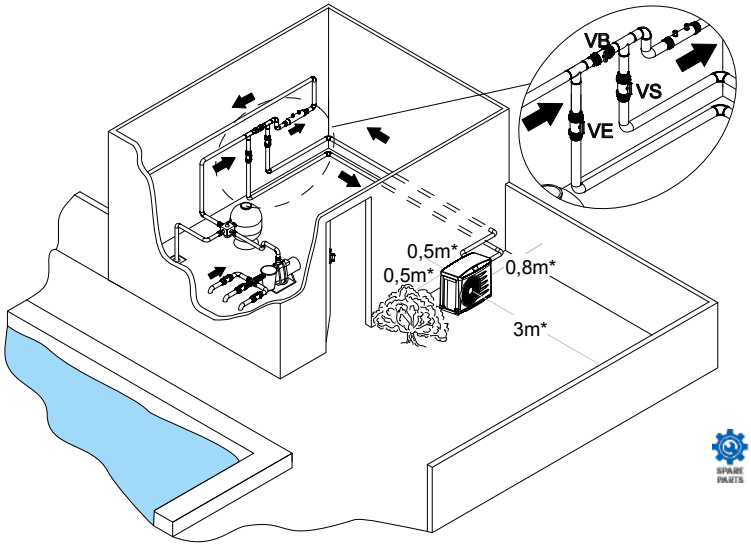
	Z200 M2	Z200 M3	Z200 M4	Z200 M5
Weight (kg)	40	45	50	53





INSTALLATION

- 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.



Spare parts p.238

OPTIONAL ACCESSORIES

	Winter cover	Cleaning kit HP	Remote control, Z200	Wall mounting kit, Z200
	Tailored, micro-perforated cover	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. 20m cable included.	Includes 2 brackets and anti-vibration blocks
référence	R07094	WMA03491	WH000200	R07338
ex VAT Price	**80,92 €**	**104,04 €**	**107,18 €**	**141,86 €**

Z300

+ Certified performances
+ Guaranteed heating thanks to heating priority
+ Can also be installed in a plant room

3 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

Product offered for sale on the «pool dealer» channel
Within the limits of remaining stocks

	Z300 M4	Z300 M5	Z300 T5	Z300 M7
PRODUCT REFERENCE				
Standard model	WH000014	WH000015	WH000016	WH000019

ACCESSORIES INCLUDED IN THE PACK

Winter cover

PVC fittings 1/2 unions 50

Anti-vibrations pads

EQUIPMENTS

- Horizontal blowing
- Polypropylene body
- Digital display
- Heating priority mode (filtration pump control)
- Automatic defrosting (forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: +5°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Rotary vane compressor
- Electronic expansion valve
- Refrigerant fluid: R410A

PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%				
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	
PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70% NF MARK				
Operating power (kW)	7.6	10.4	10.5	13.7
Consumed power (kW)	1.7	2.2		2.9

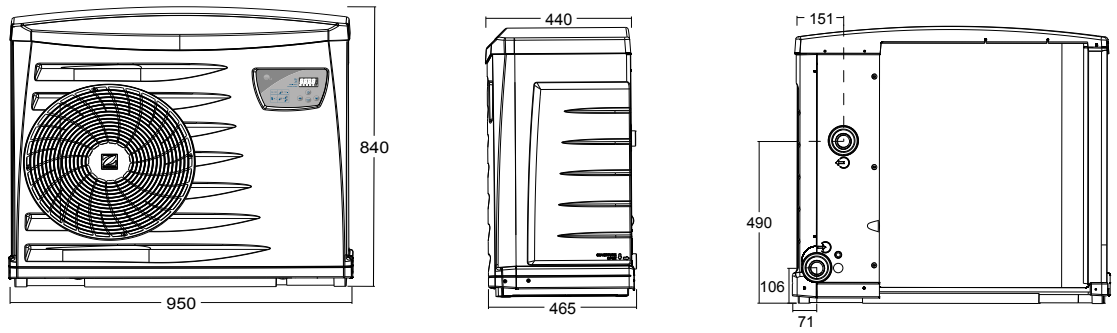
TECHNICAL SPECIFICATIONS				
Recommended pool volume* (m^3)	30-50	40-75		60-90
Average water flow (m^3/h)	4	5		6
Hydraulic connection	PVC 1/2union, Ø 50, glued			
Electric power supply	230V / 1 / 50Hz	400V / 3 / 50Hz	230V / 1 / 50Hz	
Nominal operating power (A)	7.9	10.3	4.25	13
Maximum operating power (A)	10	14.5	5.25	16.4
Power cable size	3 x 2.5		5 x 2.5	3 x 4
Refrigerant fluid quantity (g)	0.92	1.55		1.4
Acoustic power middle (dB(A))	67	68	70	67
Acoustic pressure at 10m (dB(A))	39	40	42	39

*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September.
**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

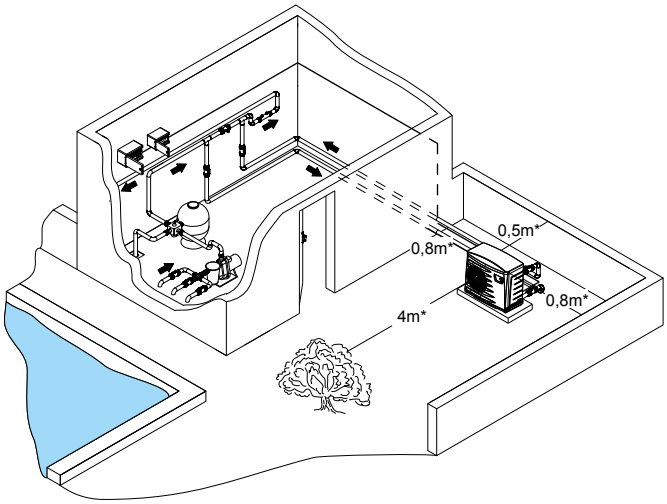
DIMENSIONS (MM) AND WEIGHT

	Z300 M4	Z300 M5	Z300 T5	Z300 M7
Poids (kg)	52	63	63	68



INSTALLATION

- Outside, close to the technical room, at sufficient distance from the pool (according to applicable electrical standards). For installation in technical room, use the optional kit.
- 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.



Spare parts p.240

OPTIONAL ACCESSORIES

	Winter cover	Cleaning kit HP	Remote control, Z300	Kit Local Technique	Condensate tray, Z300	Condensate tray, Z300
	Tailored, micro-perforated cover	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. 20m cable included.	Composé d'une gaine d'une grille et de son cadre et dd'un moto-ventilateur adapté pour une installation de la PAC en local technique	Collects condensate beneath the heat pump. Fixed with wall mounting brackets.	Collects condensate beneath the heat pump. Fixed with wall mounting brackets.
reference	R07095	WMA03491	WTC04004	W20KITPFPREMLT	R07242	R07242
ex VAT Price	**87,22 €**	**104,04 €**	**445,9 €**	**1460,62 €**	**259,55 €**	**259,55 €**

Z300 reversible

+ Certified performances
+ Year-round guaranteed constant temperature
+ Can also be installed in a plant room

3 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

NF · SERVICES+ · Ti22 TITANE INSIDE · REVERSIBLE · ECO-FRIENDLY · OPTIONAL KIT TECHNICAL ROOM · MADE IN EUROPE

Product offered for sale on the «pool dealer» channel
Within the limits of remaining stocks

	Z300 MD5	Z300 TD5	Z300 MD8	Z300 TD8
PRODUCT REFERENCE				
Standard model	WH000017	WH000018	WH000020	WH000021

ACCESSORIES INCLUDED IN THE PACK

Winter cover

PVC fittings 1/2 unions 50

Anti-vibrations pads

EQUIPMENTS

- Horizontal blowing
- Polypropylene body
- Digital display
- Heating priority mode (filtration pump control)
- Automatic defrosting (cycle inversion or forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: -8°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Rotary vane (MD5, TD5) or scroll (MD8, TD8) compressor
- Electronic expansion valve
- Refrigerant fluid: R410A

PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%				
Operating power (kW)	**13**	**13.1**	**21**	
Consumed power (kW)	2.4	2.5	3.7	3.8
COP	5.5	5.6	5.5	
PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70% NF MARK				
Operating power (kW)	10.4	10.5	15.5	
Consumed power (kW)	2.2		3.6	
COP	4.7		4.3	

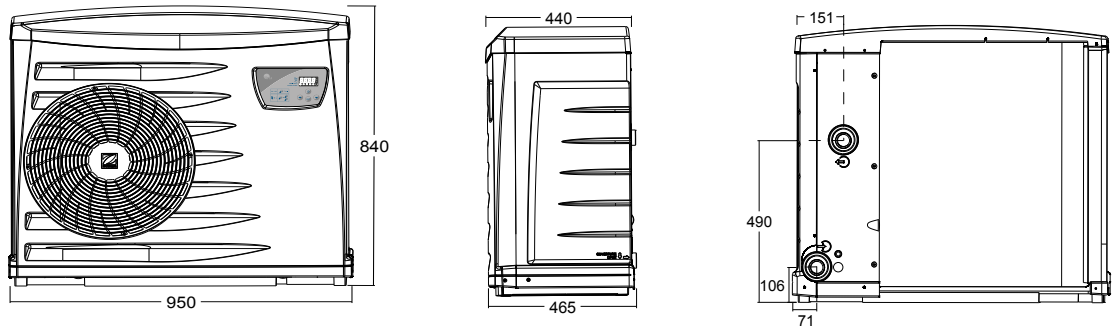
TECHNICAL SPECIFICATIONS				
Recommended pool volume* (m^3)	40-75		60-110	
Average water flow (m^3/h)	5		6.5	
Hydraulic connection	PVC 1/2union, Ø 50, glued			
Electric power supply	230V / 1 / 50Hz	400V / 3 / 50Hz	230V / 1 / 50Hz	400V / 3 / 50Hz
Nominal operating power (A)	10	4.4	16	7.4
Maximum operating power (A)	14.5	5.3	22	9.3
Power cable size**	3 x 2.5	5 x 2.5	3 x 6	5 x 2.5
Refrigerant fluid quantity (g)	1.55		1.3	
Acoustic power middle (dB(A))	68	70	65.1	
Acoustic pressure at 10m (dB(A))	40	42	37.1	

*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September. For year-round / indoor pool operation, check out the Bilpi sizing tool on your pro page.
**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

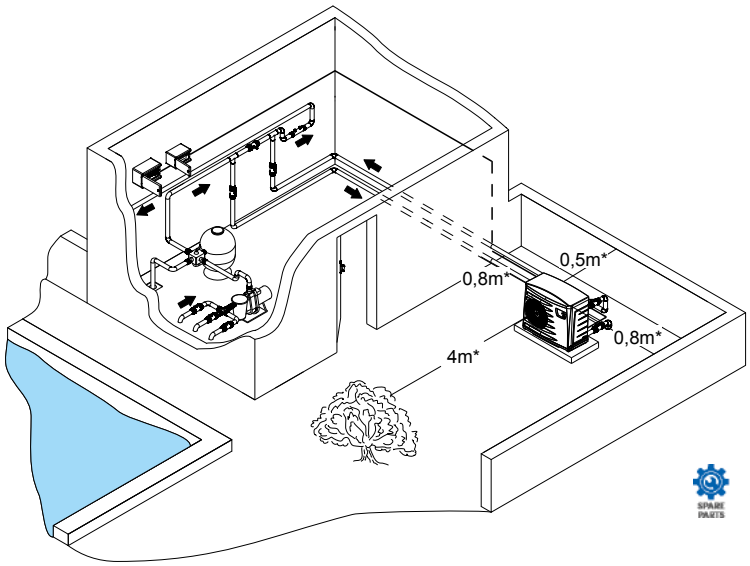
DIMENSIONS (MM) AND WEIGHT

	Z300 MD5	Z300 TD5	Z300 MD8	Z300 TD8
Poids (kg)	63	63	81	81



INSTALLATION

- Outside, close to the technical room, at sufficient distance from the pool (according to applicable electrical standards). For installation in technical room, use the optional kit.
- 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.



Spare parts p.242

OPTIONAL ACCESSORIES

	Winter cover	Cleaning kit HP	Remote control, Z300	Kit Local Technique	Condensate tray, Z300	Condensate tray, Z300
	Tailored, micro-perforated cover	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. 20m cable included.	Composé d'une gaine d'une grille et de son cadre et dd'un moto-ventilateur adapté pour une installation de la PAC en local technique	Collects condensate beneath the heat pump. Fixed with wall mounting brackets.	Collects condensate beneath the heat pump. Fixed with wall mounting brackets.
reference	R07095	WMA03491	WTC04004	W20KITPFPREMLT	R07242	R07242
ex VAT Price	**87,22 €**	**104,04 €**	**445,9 €**	**1460,62 €**	**259,55 €**	**259,55 €**

Z400 iQ

> Z400 IQ HEAT PUMP
Elegant and Discrete

With its sleek and modern design the Z400 iQ heat pump fits perfectly with its environnments.

UNIQUE DESIGN

With its sleek lines and two available colours, the Z400 disappears elegantly into your pool's surroundings.

SILENCE

QUIET AND DISCRETE

Thanks to its SILENCE mode and vertical air outlet, the Z400 is a discrete heat pump, helping you forget it's there even in the smallest of gardens.

iAqualink™ CONTROL

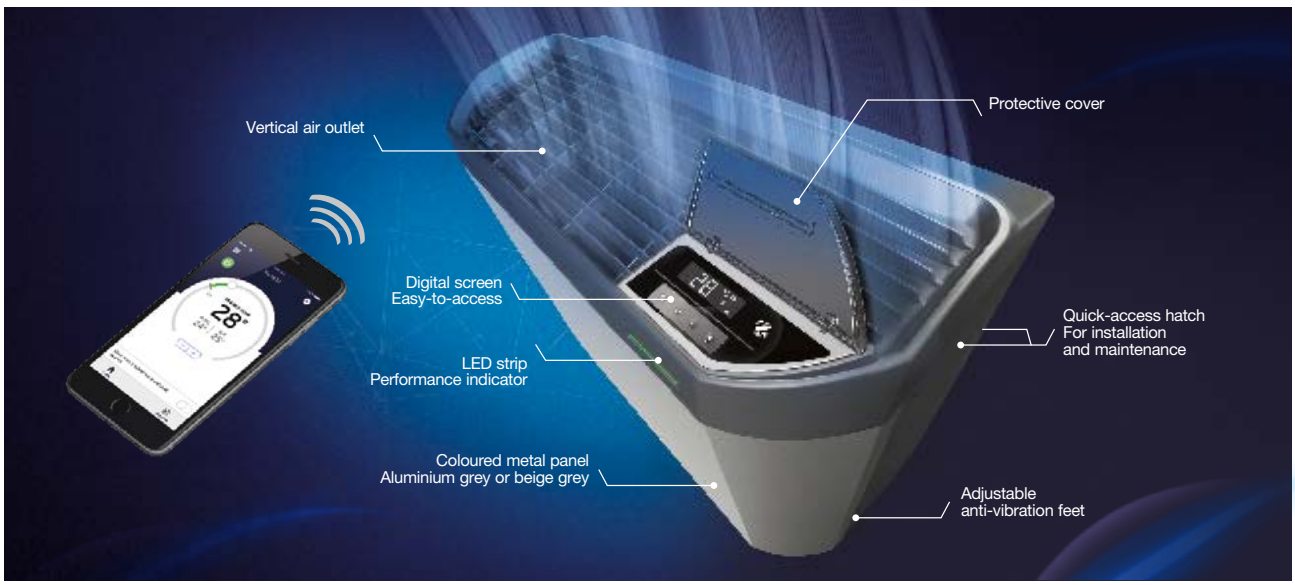
BUILT-IN WI-FI[1]

With your smartphone, you can remotely set and consult Z400 iQ heat pump's different modes of operation.

[1] iAquaLink™ app availability during the 2019 pool season

Beige grey
RAL 7006

Aluminium grey
RAL 9007



FREE AREA FOOTPRINT REDUCED BY 70%[2]

[2] Compared to Z300 heat pump
[3] Compared to BOOST mode

Z400 iQ

+ Unique design
+ Quiet & discrete
+ Embedded connectivity

3 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

NF (waiting for certification) | SERVICES+ | Ti22 TITANE INSIDE | ECO-FRIENDLY | REVERSIBLE | AquaLink CONTROL | MADE IN EUROPE

Product offered for sale on the «pool dealer» channel

	Z400 MD4	Z400 MD5	Z400 MD7	Z400 TD7	Z400 MD8	Z400 TD8	Z400 MD9	Z400 TD9
PRODUCT REFERENCE								
Aluminium Grey (RAL 7006)	WH000287	WH000289	WH000291	WH000293	WH000295	WH000297	WH000299	WH000301
Beige Grey (RAL 9007)	WH000288	WH000290	WH000292	WH000294	WH000296	WH000298	WH000300	WH000302

ACCESSORIES INCLUDED IN THE PACK

Winter cover

PVC fittings 1/2 unions 50

Adjustable, anti-vibrations feet

Free App***

EQUIPMENTS

- Vertical air outlet
- Polypropylene and galvanized steel, epoxy painted (body) or pre-painted (front panel)
- Digital display
- Heating priority mode (filtration pump control)
- 2-speed fan with Silence mode (automatic or manual)
- Embedded wi-fi with dedicated app [1]
- Automatic cooling mode
- Automatic defrosting (cycle inversion or forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: -12°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Rotary vane compressor
- Electronic expansion valve
- Refrigerant fluid: R410A

PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%

Puissance restituée (kW)	**9.5**	**13.6**	**17.0**	**21.1**	**24.4**
Puissance consommée (kW)	1.6	2.5	3.2	3.9	4.5
COP moyen	5.8	5.54	5.4		

PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70% NF MARK

Puissance restituée (kW)	7	9.7	12.1(1)	15.0(1)	17.4(1)
Puissance consommée (kW)	1.5	2.3	2.9(1)	3.6(1)	4.1(1)
COP moyen	4.55	4.3	4.2(1)		

TECHNICAL SPECIFICATIONS

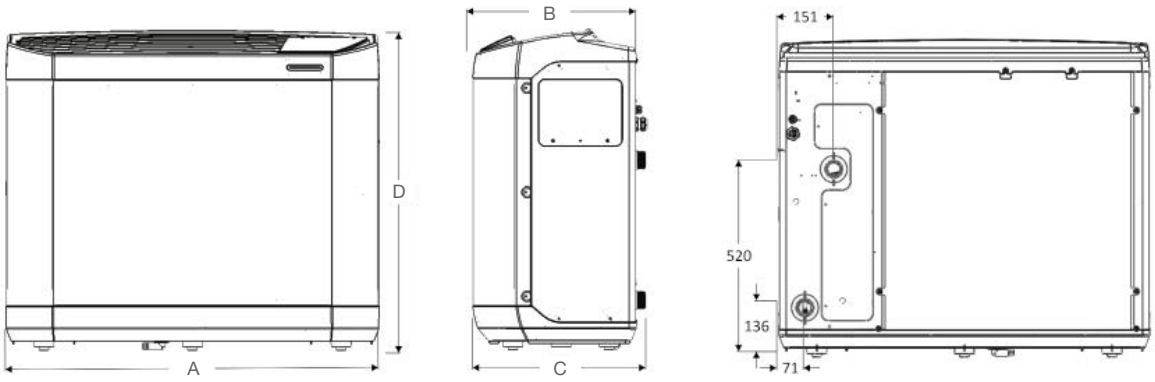
Recommended pool volume* (m^3)	30-50	40-75	50-80		75-110		80-120	
Average water flow (m^3/h)	4	5	6		7		8	
Hydraulic connection	PVC 1/2union, Ø 50, glued							
Electric power supply	230V / 1 / 50Hz			400V / 3 / 50Hz	230V / 1 / 50Hz	400V / 3 / 50Hz	230V / 1 / 50Hz	400V / 3 / 50Hz
Nominal operating power (A)	10	11	13	6.4	16.5	13.9	18.6	9.1
Maximum operating power (A)	14.5	16	18.9	9.3	24	11.5	27.1	13.2
Power cable size (not included)**	3x2.5		3x4	5x2.5	3x6	5x2.5	3x6	5x2.5
Refrigerant fluid quantity (g)	1.2	1.3	1.45		1.8			
Acoustic power (dB(A) mode Boost / Silent)	64 / 61	65 / 63	66 / 63	68 / 66	under validation			
Acoustic power at 10 m (dB(A) mode Boost / Silent)	36 / 33	37 / 35	38 / 35	40 / 38	under validation			

(1) : Datas waiting for certification

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

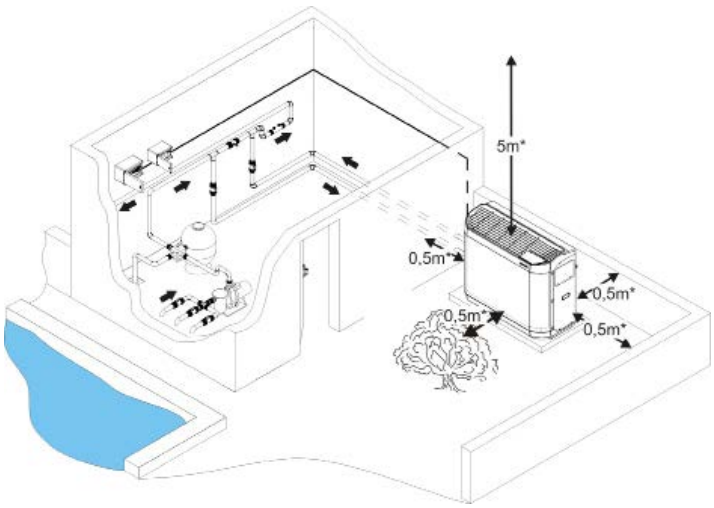
DIMENSIONS (MM) AND WEIGHT

	Z400 MD4	Z400 MD5	Z400 MD7	Z400 TD7	Z400 MD8	Z400 TD8	Z400 MD9	Z400 TD9
Weight (kg)	70	71	90	94	105	105	110	110
A	1030				1145			
D	880		1027					
B	450				480			
C	479				509			



INSTALLATION

- 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.



OPTIONAL ACCESSORIES

	Winter cover	Cleaning kit HP
	Tailored, micro-perforated cover	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle
reference	R0839800	WMA03491
ex VAT Price	**87,22 €**	**104,04 €**

*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September. For year-round / indoor pool operation, check out the Bilpi sizing tool on your pro page.
**For a maximum length of 20 meters.
***iAqualink app available during season 2019

ZS500

+ Intelligent heating, perfect temperature
+ Inverter technology: quiet and energy-saving
+ Fits easily into small spaces

3 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

Product offered for sale on the «pool dealer» channel

	ZS500 MD4	ZS500 MD5	ZS500 TD5	ZS500 MD8	ZS500 TD8
PRODUCT REFERENCE					
Standard model	WH000001	WH000002	WH000003	WH000004	WH000005

ACCESSORIES INCLUDED IN THE PACK

Winter cover

PVC fittings 1/2 unions 50

Adjustable, anti-vibrations feet

EQUIPMENTS

- Vertical blowing
- Polypropylene body
- Digital display
- Heating priority mode (filtration pump control)
- Heatselect Technology : 3 operating modes
- Boost: max power for fast heat-up
- Smart: automatic power adjustment depending on temperature
- Ecosilence: reduced power to further energy savings and lowest noise level
- Automatic cooling mode
- Automatic defrosting (cycle inversion or forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: -12°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Inverter compressor: continuous power adaptation
- Electronic expansion valve
- Refrigerant fluid: R410A

PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%					
Operating power (kW)	**12 - 7.4**	**15.3 - 7.8**	**15.3 - 7**	**20 - 10.5**	**20 - 10.4**
Consumed power (kW)	1.2	1.6		2.6	
COP	7.6	7		6	
PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70%					
Operating power (kW)	9.1 - 5.5	11.6 - 5.8		15 - 7.8	15 - 7.7
Consumed power (kW)	1.2	1.6		2.4	
COP	5.7	5.4		4.8	

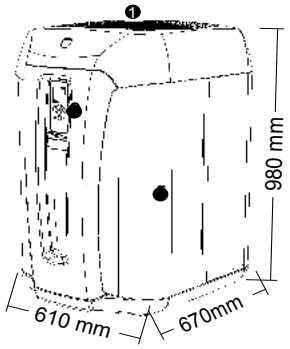
TECHNICAL SPECIFICATIONS					
Recommended pool volume* (m^3)	65	80		110	
Average water flow (m^3/h)	4	5		6	
Hydraulic connection	PVC 1/2union, Ø 50, glued	PVC 1/2union, Ø 40 or 50, glued			
Electric power supply	230 V / 1 / 50 Hz		400V / 3 / 50Hz	230 V / 1 / 50 Hz	400 V / 3 / 50 Hz
Nominal operating power (A)	7.5	10	4.4	15	6
Maximum operating power (A)	10	13.9	6	22	8
Power cable size	3 x 2.5		5 x 2.5	3 x 6	5 x 2.5
Refrigerant fluid quantity (g)	1.3	1.5		2.4	2.6
Acoustic power middle (dB(A))	62 - 54	66 - 57	66 - 56	67 - 53	67 - 57
Acoustic pressure at 10m (dB(A))	34-26	38-29	38-28	39-25	39-29

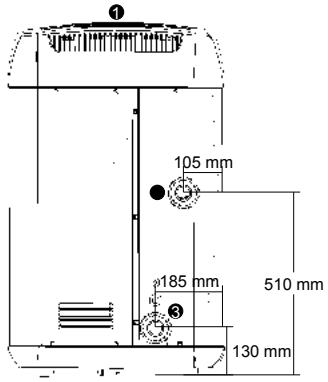
*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September. For year-round / indoor pool operation, check out the Bilpi sizing tool on your pro page.
**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

DIMENSIONS (MM) AND WEIGHT

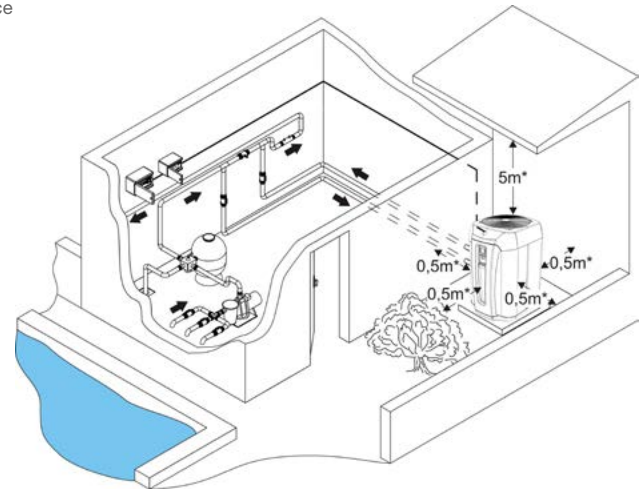
	ZS500 MD4	ZS500 MD5	ZS500 TD5	ZS500 MD8	ZS500 TD8
Weight (kg)	54	60	60	70	70





INSTALLATION

- Outside, close to the technical room, at sufficient distance from the pool (according to applicable electrical standards).
- For installation in technical room, use the optional kit
- 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.



Spare parts p.244

OPTIONAL ACCESSORIES

	Winter cover	Cleaning kit HP	Remote control, ZZ500	Kit Local Technique	Condensate tray, ZS500
	Tailored, micro-perforated cover	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. 20m cable included.	Composé d'une gaine d'une grille et de son cadre et d'un moto-ventilateur adapté pour une installation de la PAC en local technique	Collects condensate beneath the heat pump. Fixed with wall mounting brackets.
reference	R07096	WMA03491	WH000201	WH000202	R07240
ex VAT Price	**107,18 €**	**104,04 €**	**52,96 €**	**1154,83 €**	**259,55 €**

Z600 Silent

Heating > Heat Pumps > Z600 Silent

+ Always the quietest
+ Industrial design, reflecting its strength
+ Made to order in Germany

2 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

SERVICES+ | Ti 22 TITANE INSIDE | ECO-FRIENDLY | MADE IN GERMANY

	Z600 Silent MD5	Z600 Silent MD7	Z600 Silent TD7	Z600 Silent TD9	Z600 Silent TD12
PRODUCT REFERENCE					
Standard model	WH000006	WH000048	WH000007	WH000008	WH000009

EQUIPMENTS

- Horizontal blowing
- Aluminum body, reinforced acoustic protection
- Digital display
- Heating priority mode (filtration pump control)
- Automatic defrosting (cycle inversion or forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: -8°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Rotary vane compressor
- Thermostatic expansion valve
- Refrigerant fluid: R410A

PERFORMANCE: AIR AT 24°C / WATER AT 27°C / HUMIDITY 80%					
Operating power (kW)	**12.4**	**16.2**		**25.7**	**34.7**
Consumed power (kW)	1.83	2.38	2.35	3.93	5.18
COP	6.7	6.8		6.5	6.6
PERFORMANCE: AIR AT 16°C / WATER AT 25°C / HUMIDITY 80%					
Operating power (kW)	10.2	13.8		20.6	27.9
Consumed power (kW)	1.8	2.51	2.37	3.7	5.01
COP	5.6	5.5	5.8	5.5	5.6

TECHNICAL SPECIFICATIONS					
Recommended pool volume* (m^3)	40-60	60-80		80-120	120-160
Average water flow (m^3/h)	8	9		15	17
Hydraulic connection	3 piece union fitting, PVC, Ø50, glued				
Electric power supply	230 V / 1 / 50Hz	230 V / 1 / 50 Hz	400 V / 3 / 50Hz		
Nominal operating power (A)	9.2	12.7	5.2	8.3	10.8
Power cable size (not included)**	3 x 2.5	3 x 4	5 x 2.5		5 x 4
Electrical protection	1P+N 16A		3P+N 16A		
Refrigerant fluid quantity (g)	0.8	1.65		1.8	2.8
Acoustic power middle (dB(A))	58			60	
Acoustic pressure at 10m (dB(A))	30			32	

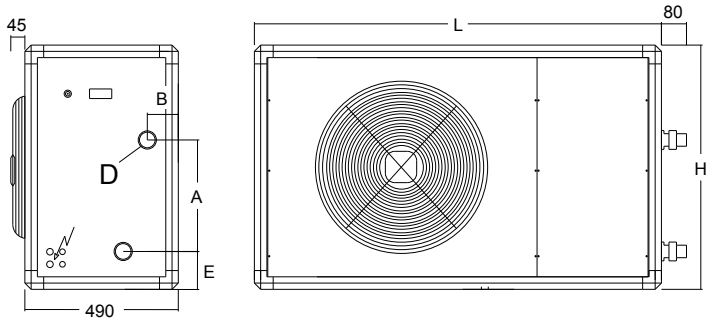
*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September. For year-round / indoor pool operation, check out the Bilpi sizing tool on your pro page.
**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

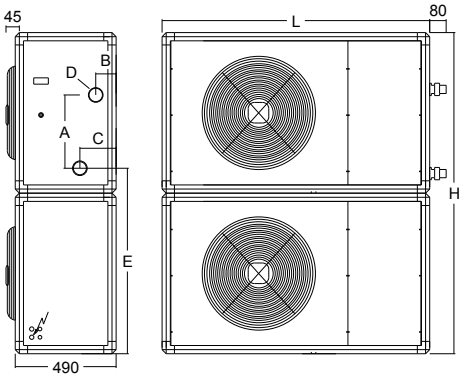
DIMENSIONS (MM) AND WEIGHT

	Z600 Silent MD5	Z600 Silent MD7	Z600 Silent TD7	Z600 Silent TD9	Z600 Silent TD12
Weight (kg)	95	106	106	180	212
L	1300	1450	1450	1450	1300
H	780	970	1940	970	1560
A	385	385	385	385	385
B	99	99	99	99	99
C	176	176	176	176	176
D	50	50	50	50	50
E	121	121	1085	121	901

Z600 Silent MD5 MD7 and TD7

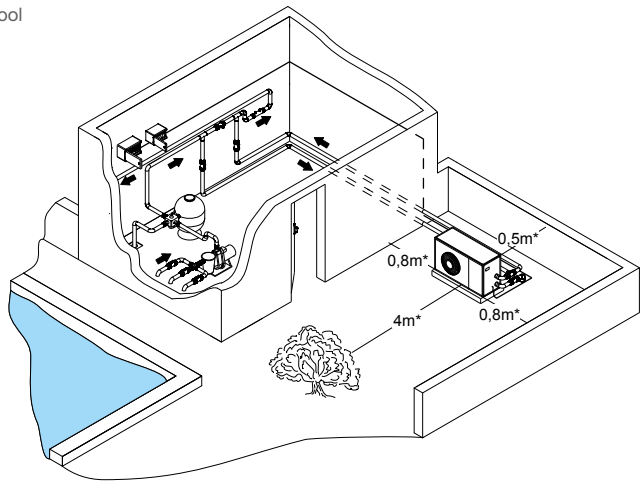


Z600 Silent TD9 and TD12



INSTALLATION

- 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.



OPTIONAL ACCESSORIES

	Cleaning kit HP	Remote control, Z600
	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. (Cable not provided).
reference	WMA03491	WH000221
ex VAT Price	**104,04 €**	**240,64 €**

Z700 Duo

+ A single device to heat both your pool and pool room
+ Substantial energy savings
+ Compact installation

2 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

	Z700 Duo MD5	Z700 Duo TD5	Z700 Duo MD8	Z700 Duo TD8
PRODUCT REFERENCE				
Standard model	WH000266	WH000267	WH000268	WH000269

A Z700 Duo is provided with any order Zodiac dehumidifier unit order after design and quote from our design office (BE@zodiac.com).

ACCESSORIES INCLUDED IN THE PACK

Hydraulic kit

Anti-vibrating pads (x5)

PVC fittings and joints (x2)

Copper fittings and joints (x2)

EQUIPMENTS

- Dual Purpose heat pump, water heating / air heating, combined with Zodiac dehumidifiers featuring hot water battery
- Horizontal blowing
- Electroplated steel, polyester powder coated body
- Digital display
- Automatic cooling mode
- Automatic defrosting (cycle inversion)
- Anti-freeze thermostat (minimum operating temperature: -8°C)
- HP & LP safety pressure switch
- Pool water heating circuit: Water flow switch, titanium water exchanger condenser
- Hot water battery feeding: circulating pump, stainless steel water exchanger condenser, 6kW extra electrical heating
- Scroll compressor
- Thermostatic expansion valves
- Refrigerant fluid: R410A

APPLICATION

Recommended pool volume* (m^3)	60	75
Volume local maximum recommandé (m^3)	250	300
Average water flow (m^3/h)	5.5	6.5

Estimated values for a private pool at a temperature of 28°C with an isothermal cover, traditional building with thermal insulation RT2012, in a freshwater zone.

PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%

Operating power (kW)	**12.5**	**15.2**
Consumed power (kW)	2.6	3.1
COP	4.8	4.9

PERFORMANCE : AIR À 15°C / WATER À 42/49°C

Operating power (kW)	9.7	12
Consumed power (kW)	3.5	4.2
COP	2.8	2.85

TECHNICAL SPECIFICATIONS

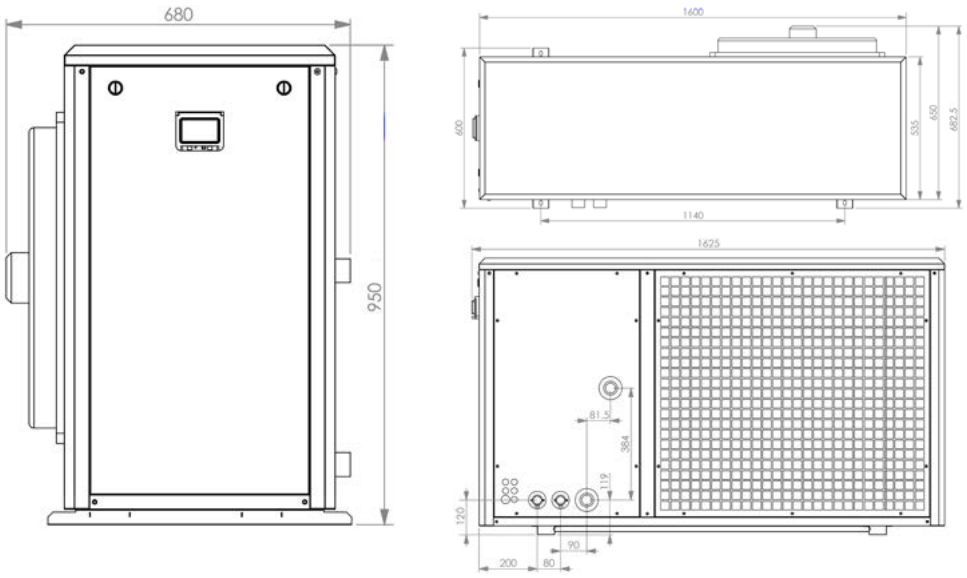
Electric power supply	230V / 1 / 50 Hz	400V / 3 / 50 Hz	230V / 1 / 50 Hz	400V / 3 / 50 Hz
Nominal operating power (A)	13.6	6.1	16.2	7.2
Nominal operating power without electric heating option (A)	18	8.2	21.5	9.5
Maximum operating power with electric heating option (A)	48	18	57	20.5
Power cable (not furnished)	3 x 10	5 x 4	3 x 16	5 x 6
Refrigerant fluid quantity (g)	4.64		4.75	
Acoustic power middle (dB(A))	67.4		64.5	
Acoustic pressure at 10m (dB(A))	39.4		36.5	

*Estimated average values for a private indoor pool at 28°C, with isothermal cover in a temperate area. For different conditions, check out the Bilpi sizing tool on your pro page.
**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

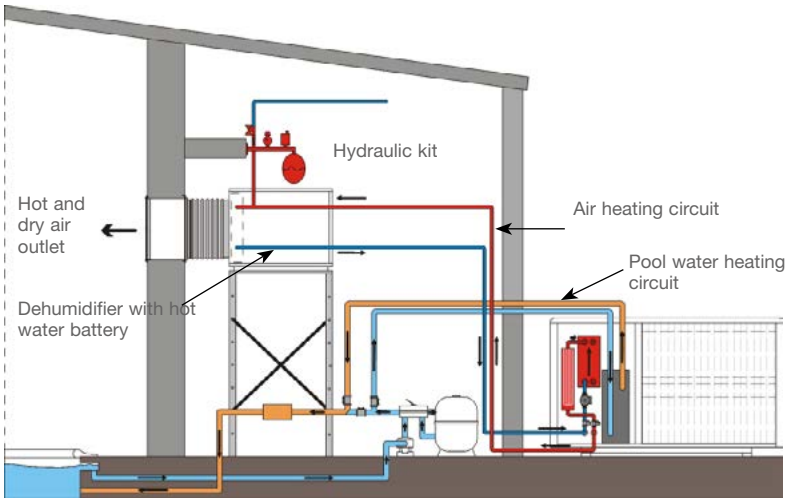
DIMENSIONS (MM) AND WEIGHT

	Z700 Duo MD5	Z700 Duo TD5	Z700 Duo MD8	Z700 Duo TD8
Weight (kg)	192	192	205	205



INSTALLATION

- 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.
- Use an insulated copper or PER coupling between the heat pump and the dehumidifier.



Z700 Duo

OPTIONAL ACCESSORIES

	Cleaning kit HP	Remote control, Z700	Condensate tray, Z700
	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. Provided with 10m cable, wall fixing box and white cover.	Collects condensate beneath the heat pump. Fixed with wall mounting brackets.
reference	WMA03491	R07855	R07856
ex VAT Price	**104,04 €**	**369,34 €**	**395 €**

Power Force

+ Certified performances
+ Variable speed fan, quiet and energy-saving
+ All-season operation down to -12°C

2 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

	Power Force 25 tri	Power Force 35 tri
PRODUCT REFERENCE		
Standard model	W20PFORCE25TD	W20PFORCE35TD

ACCESSORIES INCLUDED IN THE PACK

PVC fittings unions 63

Anti-vibrating pads

EQUIPMENTS

- Horizontal blowing
- Galvanized steel, epoxy painted body
- Digital display
- Heating priority mode (filtration pump control)
- Variable speed fan, automatic speed adjustment
- Automatic cooling mode
- Automatic defrosting (cycle inversion or forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: -12°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Scroll compressor
- Electronic expansion valve
- Refrigerant fluid: R410A

PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%		
Operating power (kW)	**33**	**45.5**
Consumed power (kW)	6.1	8.6
COP	5.4	5.3
PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70% NF MARK		
Operating power (kW)	28.7	37
Consumed power (kW)	5.6	7.6
COP	5.1	4.9

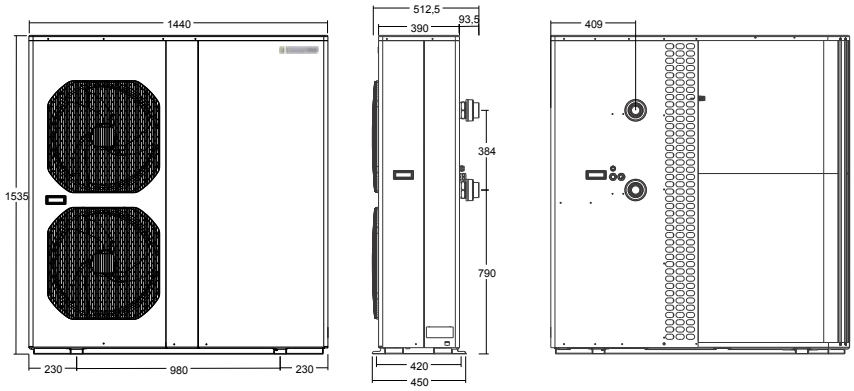
TECHNICAL SPECIFICATIONS		
Recommended pool volume* (m^3)	nous consulter	
Average water flow (m^3/h)	10	
Hydraulic connection	3 piece union fitting, PVC, Ø63, glued	
Electric power supply	400V / 3 / 50Hz	
Nominal operating power (A)	10.6	12.9
Maximum operating power (A)	14.2	18.1
Power cable size	5 x 4	
Refrigerant fluid quantity (g)	6.4	6.3
Acoustic power middle (dB(A))	70.3	70.6
Acoustic pressure at 10m (dB(A))	42.3	42.3

**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

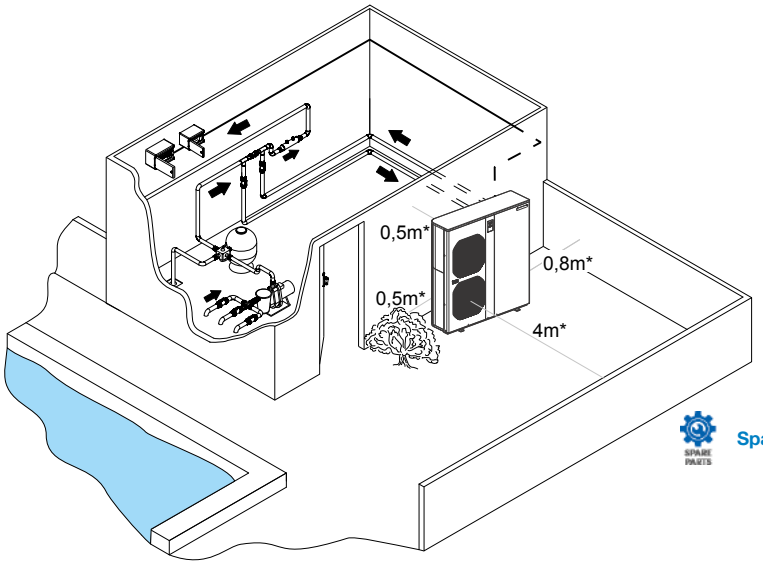
DIMENSIONS (MM) AND WEIGHT

	Power Force 25 tri	Power Force 35 tri
Weight (kg)	205	205



INSTALLATION

- 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.



Spare parts p.246

OPTIONAL ACCESSORIES

	Cleaning kit HP	Remote control, PowerForce	Condensate tray, PowerForce
	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. (Cable not provided).	Collects condensate beneath the heat pump. Fixed with wall mounting brackets.
reference	WMA03491	WTC04004	R07241
ex VAT Price	**104,04 €**	**445,9 €**	**318,34 €**

Z900

+ Vertical heat-pump for large pools
+ All-season operation down to -12°C

2 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

	Z900 TD20	Z900 TD30	Z900 TD50
PRODUCT REFERENCE			
Standard model	WH000270	WH000271	WH000272

ACCESSORIES INCLUDED IN THE PACK

PVC fittings

Anti-vibrating feet

EQUIPMENTS

- Vertical blowing
- Steel, epoxy painted body
- Digital display
- Automatic cooling mode
- Automatic defrosting (cycle inversion or forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: -12°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Scroll compressor
- Electronic expansion valve
- Refrigerant fluid: R410A

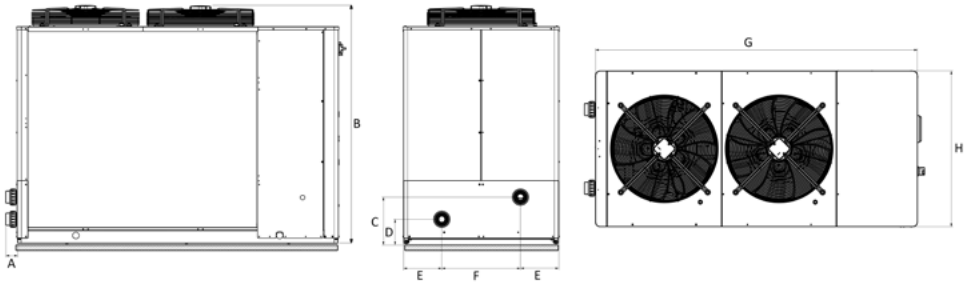
PERFORMANCE: AIR 28°C / WATER 28°C / HUMID. 80%			
Operating power (kW)	**51**	**78**	**113.8**
Consumed power (kW)	9.9	15.3	22.8
COP	5.1		5
PERFORMANCE: AIR 15°C / WATER 26°C / HUMID. 70%			
Operating power (kW)	46.2	69.7	97
Consumed power (kW)	10.2	15	22.9
COP	4.4	4.6	4.2
TECHNICAL SPECIFICATIONS			
Recommended pool volume* (m^3)	nous consulter		
Average water flow (m^3/h)	15	20	25
Hydraulic connection	3 piece union fitting, PVC, Ø63, glued		3 piece union fitting, PVC, Ø90, glued
Electric power supply	400V / 3 / 50 Hz		
Nominal operating power (A)	19.2	35	43.5
Maximum operating power (A)	38	57	69
Power cable size	5G10	5G16	
Refrigerant fluid quantity (g)	13.5	18.5	28.5
Acoustic pressure (dB(A))	75	77	81
Acoustic pressure at 10m (dB(A))	47	49	53

**For a maximum length of 20 meters.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

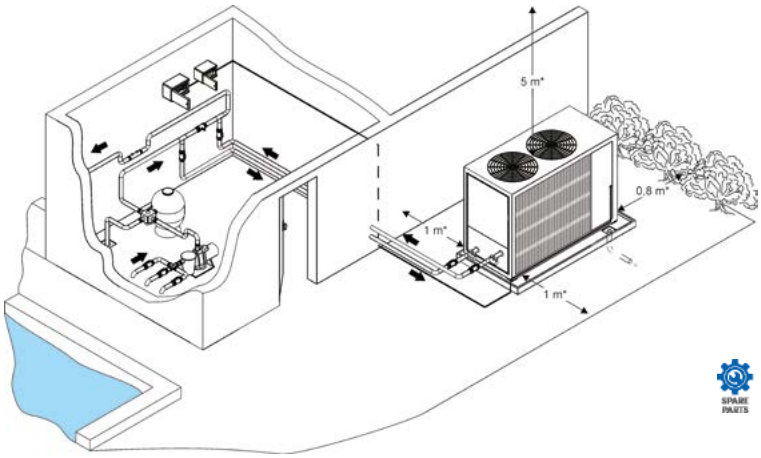
DIMENSIONS (MM) AND WEIGHT

	Z900 TD20	Z900 TD30	Z900 TD50
Weight (kg)	430	520	837
A	73		97
B	1450		1730
C	324		588
D	179		204
E	233,5		211
F	480		755
G	1965		2091
H	951		1183



INSTALLATION

- 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.



Spare parts p.248

OPTIONAL ACCESSORIES

	Cleaning kit HP	Remote control, Z900
	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. (Cable not provided).
reference	WMA03491	R0770900
ex VAT Price	**104,04 €**	**401,63 €**

> ELECTRIC HEATERS
Best value for money

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 price. Compact, stand-alone units, they are fitted to the filtration system and you only have to 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 is 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 22 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	RE/I
Pool size	From 20 to 80 m³	From 20 to 80 m³	From 80 to 160 m³	> 150 m³
Power rating	From 3 to 12 kW	From 3 to 12 kW	From 12 to 24 kW	From 30 to 120 kW
Assembly type	L	In line	In line	In line
Modular type	-	-	•	•
Thermostat type	Mechanical	Digital	Digital	Digital

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

RE/L

+ The easiest to use spas, medical pools
+ Mechanical thermostat

2 YEAR WARRANTY

EASY INSTALLATION · SERVICES + · Ti 22 TITANE INSIDE

	RE/LE 3	RE/LE 6	RE/LE 9	RE/LE 12
PRODUCT REFERENCE				
Standard model	W40LE03	W40LE06	W40LE09	W40LE12

EQUIPMENTS

- Electric control box with flow controller
- Rotating mechanical 16-40°C thermostat
- Pin water tightness using EPDM collar
- Hypalon moulded electric connections
- Positive safety high temperature limiters
- Power contactor

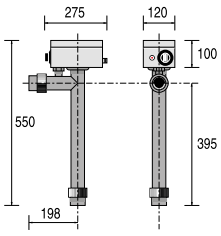
TECHNICAL SPECIFICATIONS

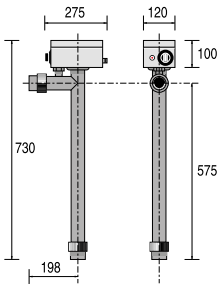
Maximum vol. (m^3)*	20	40	60	80
Operating power (kW)**	3	6	9	12
Maximum operating power Tri 400 V (A)***	5	9	13	18
Power cable size for tri 400 V (mm2)****	5 x 2,5	5 x 2,5	5 x 4	5 x 4
Maximum operating power Mono 230 V (A)***	14	27	40	
Power cable size for Mono 230 V (mm^2)****	3 x 4	3 x 6	3 x 10	
Min. flow (m^3/h)	5			
Max. flow (m^3/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.

DIMENSIONS (MM) AND WEIGHT

	RE/LE 3	RE/LE 6	RE/LE 9	RE/LE 12
Weight (kg)	4	4	5	5

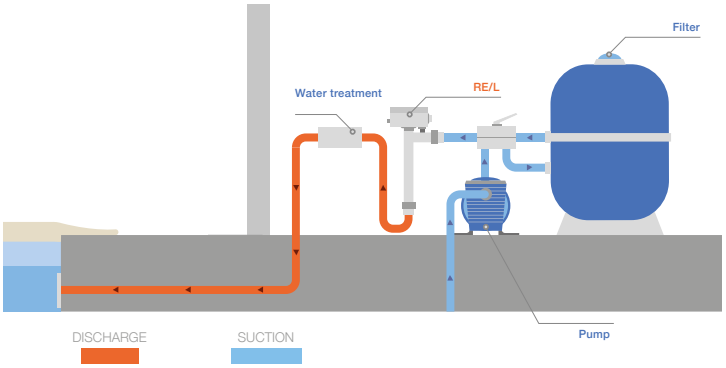




Spare parts p.269

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.
- Simplified single-phase 230V -50/60Hz / three-phase 400V-50/60Hz power (three-phase 230 by request). RE/LE: three-phase 400V-50/60Hz only.
- Electric power supply protection with a 30 mA circuit breaker (not included).



RED LINE

2 YEAR WARRANTY

+ Best value for money
+ Digital thermostat
+ Maximum robustness (EPDM fixtures, Hypalon connection)

EASY INSTALLATION · SERVICES+ · Ti22 TITANE INSIDE

	Red Line 3	Red Line 6	Red Line 9	Red Line 12
PRODUCT REFERENCE				
Standard model	W40RDE3	W40RDE6	W40RDE9	W40RDE12

EQUIPMENTS

- Electric control box with precision thermostat ± 0.5°C with digital display and timer
- Positive safety high temperature limiter
- Pin watertightness using EPDM collars
- Hypalon electric connections
- Flow controller
- Power contactors
- On/Off switch + Indicators
- Complete appliance, pre-wired needing no control box
- Simplified Mono 230 V / Tri 400 V coupling (Tri 230 V on request) RedLine 12 is always 400 V triphased
- Electric power supply protected by a 30 mA ground fault circuit breaker (not supplied)

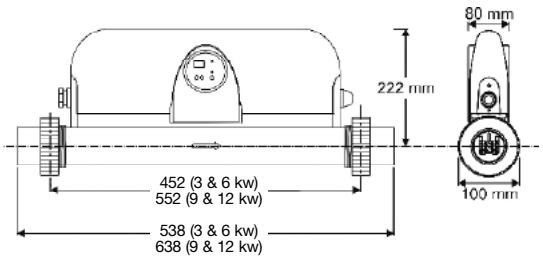
TECHNICAL SPECIFICATIONS

Maximum vol. (m^3)*	20	40	60	80
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^2)****	5 x 2,5	5 x 2,5	5 x 4	5 x 4
Maximum operating power Mono 230 V (A)***	14	27	40	
Power cable size for Mono 230 V (mm^2)****	3 x 4	3 x 6	3 x 10	
Min. flow (m^3/h)	5			
Max. flow (m^3/h)	Débit Maxi (m3/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.

DIMENSIONS (MM) AND WEIGHT

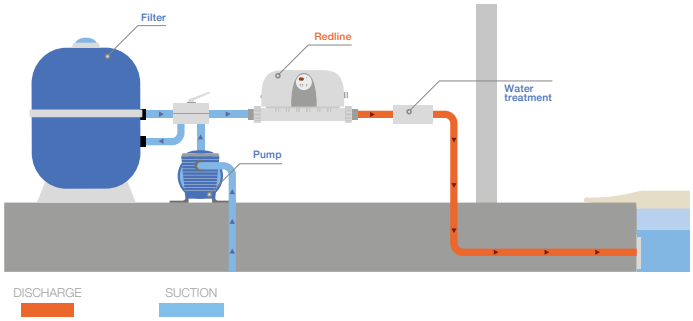
Weight (kg)	4



Spare parts p.268

INSTALLATION

- In-lineconnection with two PVC unions, Ø63, and reducers, Ø63-50.
- Supports any flow direction: just turn the device to match the water flow direction.
- Simplified single-phase 230V-50/60Hz / three phase 400V-50/60Hz power (three-phase 230 by request). RED LINE 12: three-phase 400V-50/60Hz only.
- Electric power supply protection with a 30 mA circuit breaker (not included).



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

RE/U

+ For bigger pools (80 to 160 m3)
+ Complete digital regulator (thermostat, timer…)
+ Maximum robustness (EPDM fixtures, Hypalon connection)

2 YEAR WARRANTY

EASY INSTALLATION · SERVICES+ · Ti22 TITANE INSIDE

	RE/U 12 mono	RE/U 15 mono	RE/U 15 tri	RE/U 18 tri	RE/U 21 tri	RE/U 24 tri
PRODUCT REFERENCE						
Standard model	W40TIT12M	W40TIT15M	W40TIT15	W40TIT18	W40TIT21	W40TIT24

EQUIPMENTS

- Pre-wired control box with precision thermostat ± 0.5°C with digital display and timer
- Positive safety high temperature limiter
- Flow switch
- Luminous control switches + indicators
- Power contactors
- Pin water tightness using EPDM collars
- HYPALON electric connections

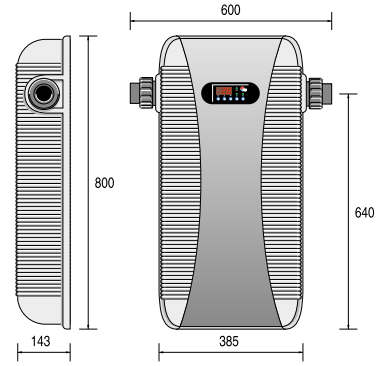
TECHNICAL SPECIFICATIONS

Maximum vol. (m^3)*	80	100	100	120	140	160
Operating power (kW)**	6 + 6	6 + 9	6 + 9	9 + 9	9 + 12	12 + 12
Absorbed intensity (A)***	53	66	22	26	31	35
Section câble d'alimentation (mm^2)****	3 x 16	3 x 16	5 x 6	5 x 6	5 x 10	5 x 10
Min. flow (m^3/h)	5					
Max. flow (m^3/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.

DIMENSIONS (MM) AND WEIGHT

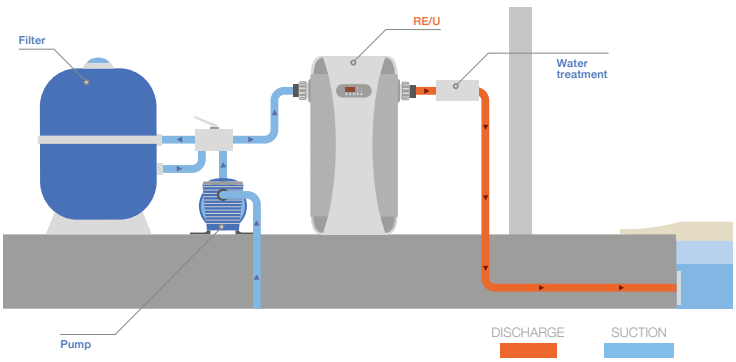
Weight (kg)	12



Spare parts p.270

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.
- Single-phase 230V-50/60Hz or three-phase 400 V electric power supply, depending on model, protection with a 30 mA circuit breaker (not included).



RE/I

+ For bigger pools (over 150 m3)
+ Complete digital regulator (thermostat, timer...)
+ Maximum robustness (EDPM collars, Hypalon connections)

2 YEAR WARRANTY

EASY INSTALLATION · SERVICES+ · Ti22 TITANE INSIDE

	Mid Power				High Power			
	RE/I 30	RE/I 36	RE/I 42	RE/I 48	RE/I 60	RE/I 84	RE/I 96	RE/I 120
PRODUCT REFERENCE								
Standard model	W40TIT30	W40TIT36	W40TIT42	W40TIT48	W40TIT60	W40TIT84	W40TIT96	W40TIT120

EQUIPMENTS

- Pre-wired control box with precision thermostat (±0.5°C). Digital display
- Positive safety high temperature limiter
- Flow switch
- Luminous control switches
- Power contactors
- Pin water tightness using EPDM collars
- HYPALON electric connection
- U format allowing for easy assembly and water retention
- Factory installed power modulation (2 manual stages)
- Plan on installing a by-pass if the filter pump flow is greater than 30 m^3
- Tri-phased electric 400 V power supply protected by a 30 mA ground fault circuit breaker (not supplied)

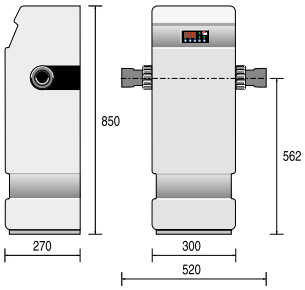
TECHNICAL SPECIFICATIONS

Maximum vol. (m^3)*	Contact us							
Tension	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz	400V/3N/50Hz
Intensité absorbée (A)***	44	52	61	70	87	122	139	174
Puissance (kW)***	12 + 18	12 + 24	18 + 24	24 + 24	24 + 36	36 + 48	48 + 48	60 + 60
Débit d'eau (m^3/h)	20 à 30				30 à 50			
Hydraulic connection	PVC half-unions, ø 63, glued				2 flanges, DN 80, with glued PVC fitting, Ø 90			

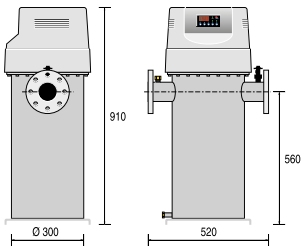
* Carry out a complete thermal assessment before going further. ** Tolerance operating voltage +6 -10%. Grid power supply. *** Manufacturing tolerance of + or -5%.

DIMENSIONS (MM) AND WEIGHT

	RE/I 30	RE/I 36	RE/I 42	RE/I 48	RE/I 60	RE/I 84	RE/I 96	RE/I 120
Weight (kg)	30	30	33	33	49	51	53	58



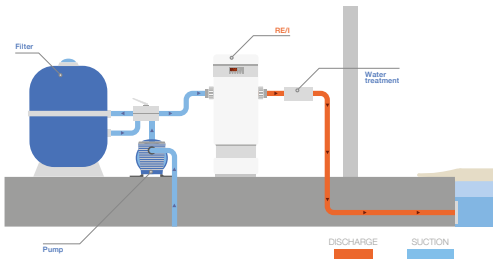
RE/I medium power (RE/I 30 to 48)



RE/I high power (RE/I 60 to 120)

INSTALLATION

- In-line hydraulic connection with two PVC unions, Ø63 (RE/I 30 à 48), or two flanges, DN80 (RE/I 60 à 120).
- Supports any flow direction: just turn the flow switch and reverse the control and safety sensors.
- Use a bypass if flow from the filter pump is greater than 30m3/h.
- Electric power supply in three-phase 400V-50/60Hz with protection from a 30 mA ground-fault circuit breaker (not included).



Spare parts p.270

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> 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).

Heat Line Plus

Uranus pre-assembled titanium plates

REFERENCE POINT
All Zodiac® heat exchangers are fitted with titanium pipes and plates making them very robust.

> 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.

	HEAT LINE			URANUS+	
	Unequipped	Without circulating pump	Plus	Unequipped	Pre-assembled
COMPARATIVE TABLE OF RANGES					
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		•	•		•
Regulator sensor		•	•		•
Circulating pump			•		•

Heat Line - Unequipped, w/o circulator & Plus

2 YEAR WARRANTY

+ Compatible with all types of home heating (Heat Pump, Boiler, Geothermal, Solar)
+ Several configurations available to adapt to any type of installation
+ Maximum robustness (titanium tubes, noryl-Polyamide casing)

Unit only

EASY INSTALLATION · SERVICES+ · Ti22 TITANE INSIDE

Unit with accessories (Plus)

Unit without circulator

	Heat Line 20	Heat Line 40	Heat Line 70
PRODUCT REFERENCE			
Unequipped	W49NT20	W49NT40	W49NT70
Model w/o circulator	W49KT20W	W49KT40W	W49KT70W
Fitted model (plus)	W49KT20	W49KT40	W49KT70

EQUIPMENTS

- Injected noryl Polyamide casing
- TITANIUM tubes
- Check valve
- Low consumption circulator pump A class (on the models plus)
- Flow switch (on the models w/o circulator and plus)
- Pre-wired electric box with 230 V plug on the models w/o circulator and plus
- Digital thermostat regulator (on the models w/o circulator and plus)

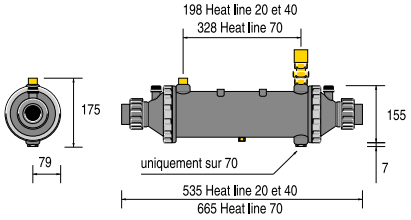
TECHNICAL SPECIFICATIONS			
Maximum vol. (m^3)* *	50	120	200
Power with primary at 90°C (kW)	20	40	70
Power with primary at 60°C (kW)	8.5	17	30
Power with primary at 45°C (kW)	4	8	14
Max. pressure (pool circuit)	2 bar		
Max. permitted temperature	90 °C		
CONNECTIONS			
PRIMARY Heating (Unequipped model)	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 (m3/h)			
PRIMARY Heating	0.9	1.7	3
SECONDARY Pool	10	15	20
LOAD LOSS (MCE)			
PRIMARY Heating	0.15	0.2	0.3
SECONDARY Pool	0.5	0.8	1

* Unequipped model and w/o circulator: Private open-air pool, temperate climate with an isothermal cover from May 15th to September 15th.
* Fitted model: Private open-air pool, temperate climate with an isothermal cover and primary at 90°C from May 15th to September 15th.

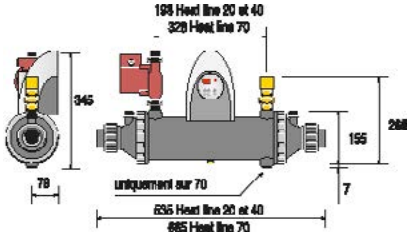
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

DIMENSIONS (MM) AND WEIGHT

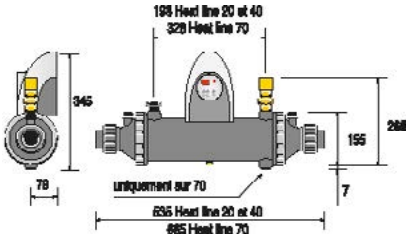
	Heat Line 20	Heat Line 40	Heat Line 70
Unequipped	3 kg	3 kg	4 kg
Model w/o circulator	4 kg	4 kg	5 kg
Fitted model (plus)	6,5 kg	7 kg	12 kg



Heat Line Unequipped



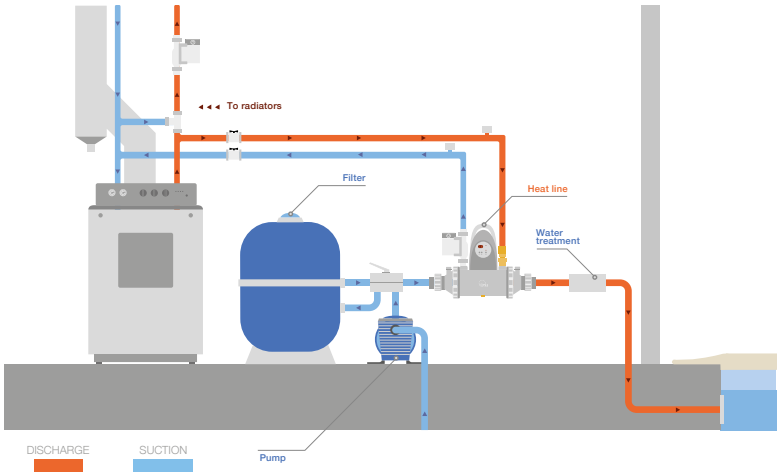
Heat Line Plus

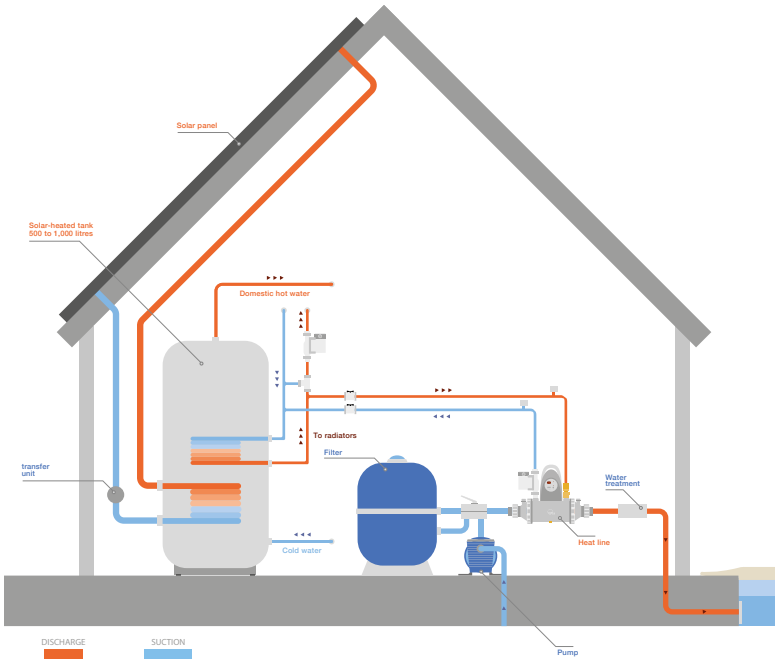


Heat Line without circulator

INSTALLATION

- In the service compartment, adjacent to the boiler and at the exit of the filtration unit, without bypass. Horizontal in-line position on the pipe. Primary supply from above.
- Electric power supply in single-phase 230v protection with a 30 mA circuit breaker (not included).
- 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 nstalled 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.





Spare parts p.272

Uranus + Unequipped and Pre-assembled

2 YEAR WARRANTY

+ Compatible with all types of home heating (even low temperature)
+ Maximum robustness: titanium plates, new material for mounting fl anges

EASY INSTALLATION · SERVICES + · Ti 22 TITANE INSIDE

URANUS Unequipped

URANUS pre-assembled

	UAN/UAP 35	UAN/UAP 70	UAN/UAP 120	UAN/UAP 240
PRODUCT REFERENCE				
Unequipped	WJ000001	WJ000003	WJ000005	WJ000007
Pre-assembled	WJ000002	WJ000004	WJ000006	WJ000008

EQUIPEMENTS URANUS + PRE-ASSEMBLED (UAP)

- Appliance completely assembled and wired
- High performance plate exchanger TITANIUM plates
- PRIMARY with adjustable accelerator 2 1/4 turn valves, 1 valve - male thead. Ø 26/34 with Ø 20/22 soldering cartridges
- SECONDARY - PVC Ø 50
- Digital display thermostat
- Flow switch. Flow switch
- Mono 230 V wiring from a mains outlet
- Purge or emptying cap

	UAN/UAP 35	UAN/UAP 70	UAN/UAP 120	UAN/UAP 240
TECHNICAL SPECIFICATIONS				
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
Max. pressure (pool circuit)	3 bar / 2 bar			
Max. permitted temperature	90 °C / 40°C			
Electric power supply	230 V / 1 / 50 Hz			
CONNECTIONS				
PRIMARY Heating (Unequipped model)	Ø20/22	Ø20/22	Ø20/22	Ø26/28
SECONDARY Pool	PVC Ø50	PVC Ø50	PVC Ø50	PVC Ø50
FLOW (m^3/h)				
PRIMARY Heating	1.6	2.1	2.8	6.3
SECONDARY Pool	2	2.9	4.3	8.7
LOAD LOSS (MCE)				
PRIMARY Heating	1.5	1.2	1	2
SECONDARY Pool	2.4	2.3	2.5	3.8

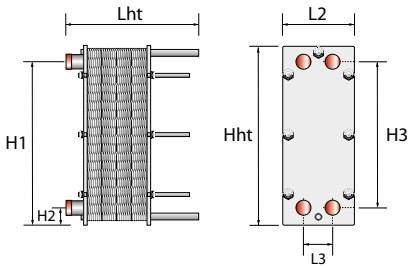
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

POIDS

	UAN/UAP 35	UAN/UAP 70	UAN/UAP 120	UAN/UAP 240
Unequipped	14 kg	15 kg	17 kg	31 kg
Pre-assembled	29 kg	30 kg	31 kg	50 kg

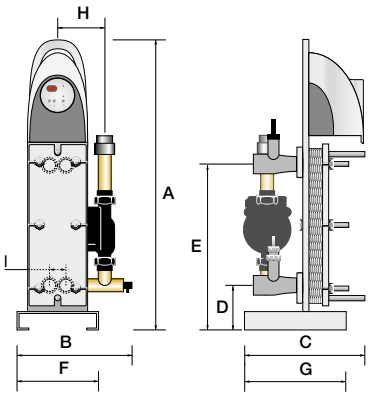
DIMENSION (MM) MODELE NU (UAN)

	UAN 35-70-120	UAN 240
Lht	255	407
L2	140	200
L3	50	60
Hht	380	500
H1	339	429
H2	41	75
H3	298	357



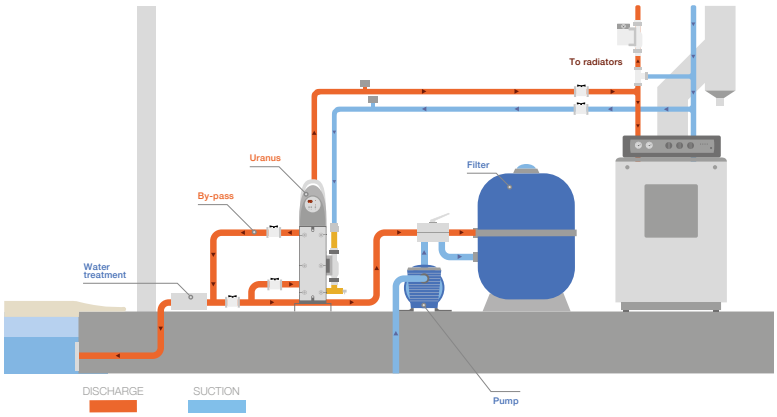
DIMENSION (MM) MODELE PREMONTE (UAP)

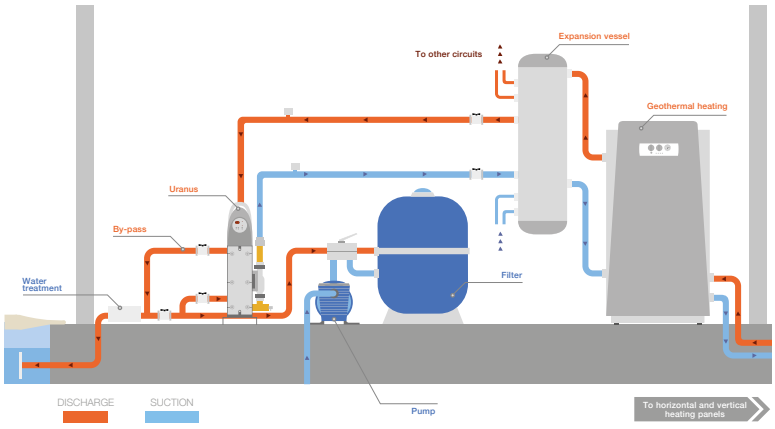
	UAP 35-70-120	UAP 240
A	758	840
B	334	347
C	415	480
D	116	137
E	414	494
F	250	250
G	200	450
H	127	148
I	50	60



INSTALLATION

- In the technical facility close to the boiler at the filtering system output (plan a by-pass)
- Mono-phased electric 230 V power supply with protection using a 30mA ground fault circuit breaker (not supplied)
- 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.





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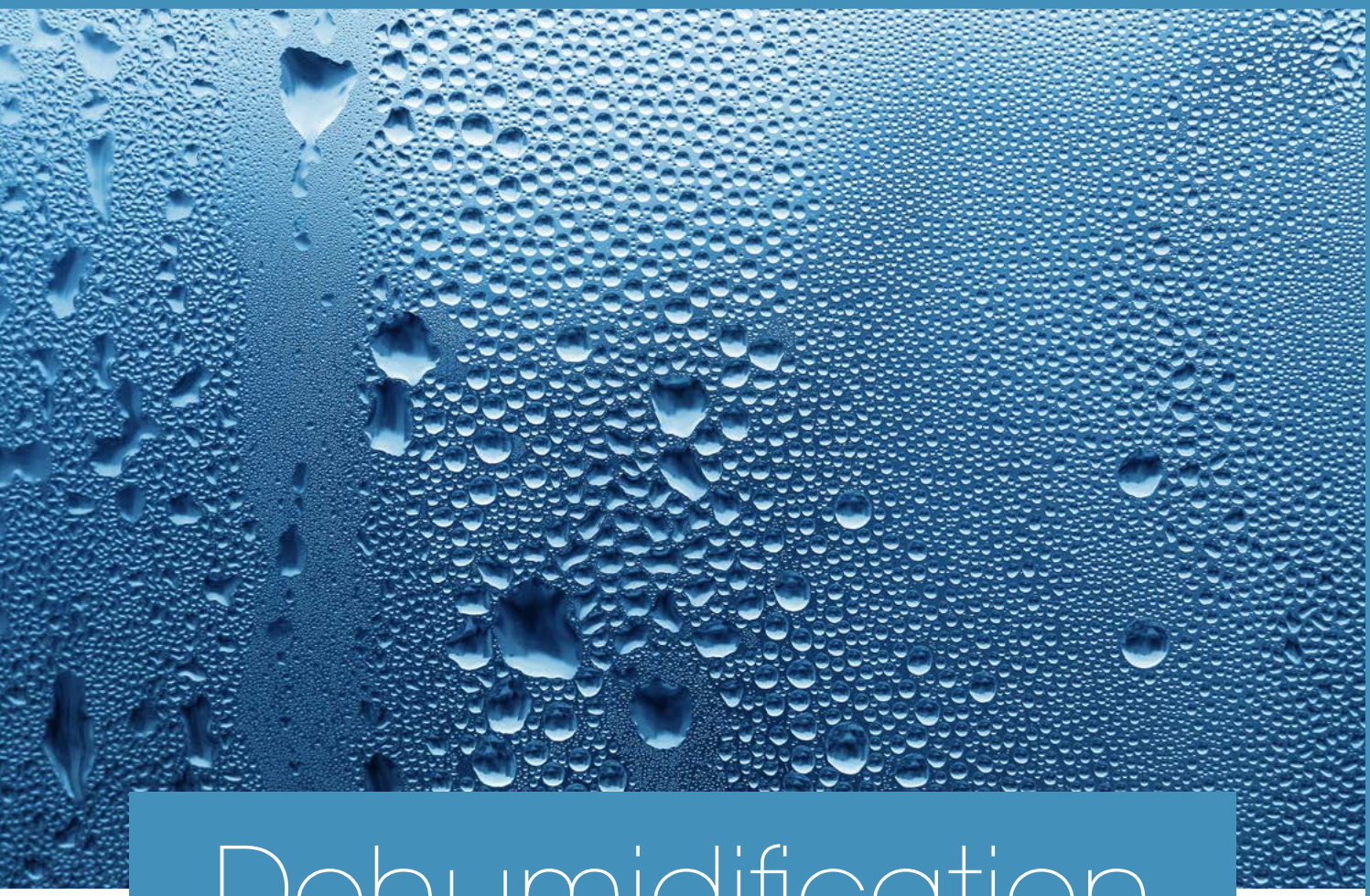
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019



Dehumidification

INTRODUCTION **p.88**

- DT 850 E p.93
- Sirocco ambient p.94
- Sirocco Through-the-wall p.96
- DF Through-the-wall p.98
- DF ducted 403 - 408 p.100
- DF ducted 410 - 412 p.102
- CAE ducted p.104
- OMEGA p.108
- ENERGY Fan p.112
- CANAL FAST Fan p.113
- Floor Slot Diffusers p.114
- Ventilation accesories p.116

> 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 battery 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^3/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-standing, fitted 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-standing systems

Fitted systems

Ducted systems

Ducted systems with air renewal

> FREE-STANDING UNITS

These monoblock DT or Sirocco 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-standing 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 Ambiance

Fitted DF

Fitted SIROCCO

> FITTED MODELS

These Sirocco 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

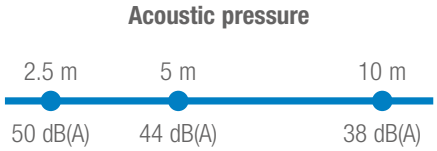
> DEHUMIDIFIERS
A silent installation

> EXPRESSING THE NOISE LEVEL WITH PRECISION

Sound level is expressed:

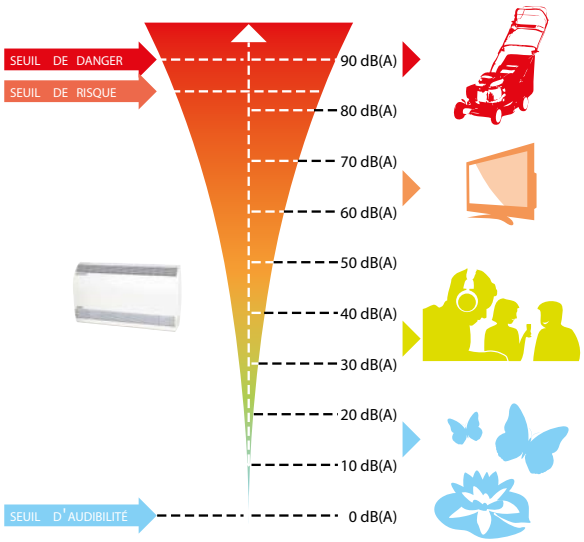
- Either **as acoustic power dB(A):** this is the unmodified noise level of the emitting source.
- Or **as acoustic pressure dB(A):** this is the sound level perceived by the human ear.
  It depends on the installation environment and distance at which the measurement is made.
  It must therefore always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

> DEHUMIDIFIERS
A silent installation

Support frame

> 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.

Anti-vibration blocks

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.

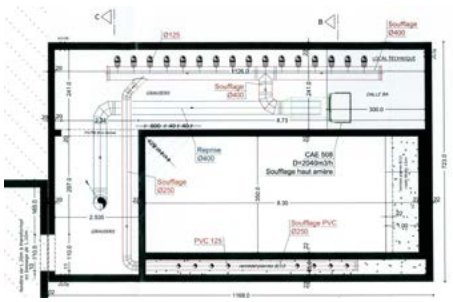
> HELPING YOU SELECT AND WORK OUT THE REQUIRED DIMENSIONS OF YOUR EQUIPMENT

> OUR DESIGN OFFICE IS THERE FOR YOU EVERY DAY:

- **A team of technicians will advise you** in selecting products, working out the necessary dimensions, and installing them.
- To help develop your business, **we carry out almost 40,000 surveys each year!**
- **You benefit from unique expertise on dehumidification** for indoor pools, and for all your "Added Value" projects (equipment, accessories, ducted systems, etc.).
- The design office will help you to keep track of **"turnkey" projects** (quotes, plans, advice).

SERVICES +

REFERENCE POINT
Zodiac® offers service solutions to help you. Find these services in this catalogue using this pictogram.



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> HYGRO CONTROL
Simple dehumidification

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

HYGRO CONTROL

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

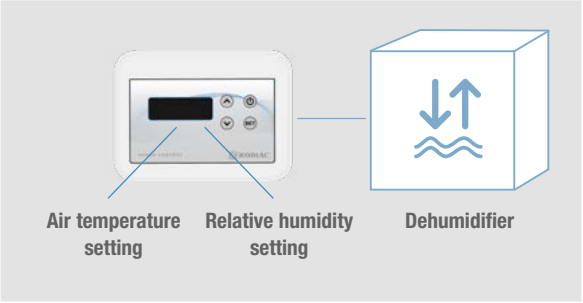
> HOW DOES IT WORK?

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.

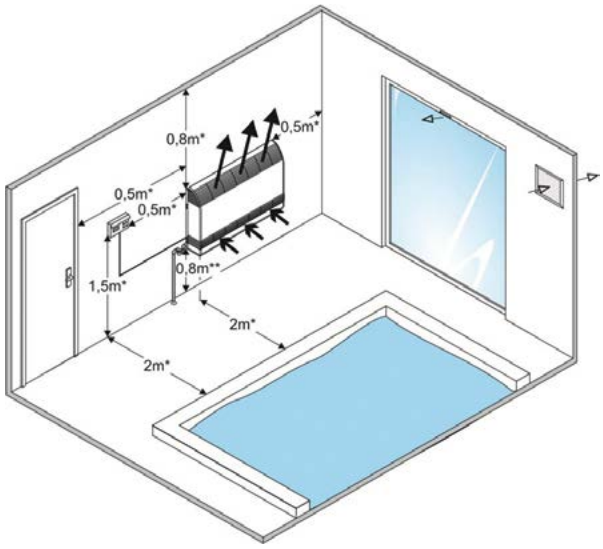
If the dehumidifier is fitted with the 'heating' option, Hygro Control can also set the room air temperature.

The unit is supplied with every dehumidifier*. Mounted on the wall, it is connected to the dehumidifier.

* Except the DT 850 E model.



STANDARD INSTALLATION



Example of an installation with a SIROCCO ambient console

- 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 Ambient console

+ The ideal device for small pools
+ Console mounted on a stand easy to install in the pool hall
+ Regulation
+ Digital screen

2 YEAR WARRANTY

EASY INSTALLATION · SERVICES + · ALL TYPES OF DE SPAS

DT 850 E

PRODUCT REFERENCE

Standard model	W28DT850E410

EQUIPEMENT

- Indoor, single block dehumidifier, to be installed in the area to be treated.
- Sealed type thermodynamic circuit.
- Very silent centhree phasefuge 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.
- Refrigerant fluid R410A (710g)
- Size (in mm) L 660 / W 345 / H 750.

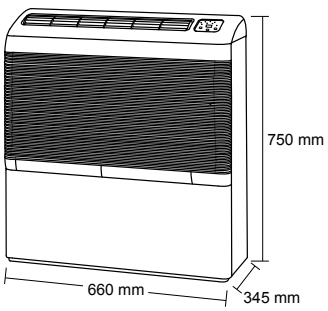
TECHNICAL SPECIFICATIONS

Capacity (l/h)	2.2
Absorbed power* (W)	915*
Operating power* (W)	2500*
Acoustic pressure at 5m (dB(A))	22
Air flow (m3/h)	500
Electric power supply	230 V / 1 / 50 Hz
Absorbed intensity (A)	4.15

*in the following nominal conditions: air 30°C, humidity 70%.
For the best operation of the dehumidifier we recommend changing the filter every year.

DIMENSIONS (MM) AND WEIGHT

	DT 850 E
Weight (kg)	37



OPTIONAL ACCESSORIES

	Filter DT 850 / DT 850 E
reference	W28FIDT5
ex VAT Price	**63,86 €**

Spare parts p.280

Sirocco Ambient console

2 YEAR WARRANTY

+ Very easy to install against the pool hall wall (at least 2m from the pool)
+ Available in 3 capacities (2.3 to 4.6 l/h)
+ “Air heating” option (electric heating or hot water battery)

EASY INSTALLATION · HYGRO CONTROL · SERVICES +

	Sirocco ambient 55 1-phase	Sirocco ambient 80 1-phase	Sirocco ambient 110 1-phase	Sirocco ambient 110 3-phases
PRODUCT REFERENCE				
Standard model	W28SI55A	W28SI80A	W28SI110A	W28SI110AT
Model with electric heating option	W28SI55AE	W28SI80AE	W28SI110AE	W28SI110AET
	2kW	3kW	4,5 kW	4,5 kW
Model with hot water battery option	W28SI55AB	W28SI80AB	W28SI110AB	W28SI110ABT
	6kW	9kW	12kW	12kW

ACCESSORIES INCLUDED IN THE PACK

Hygro control box

TECHNICAL SPECIFICATIONS

Capacity (l/h)	2.3	3.3	4.6	
Absorbed power* (W)	990*	1100*	1340*	
Operating power* (W)	2080*	2310*	2810*	
Acoustic pressure at 5m (dB(A))	45,7**	44,7**	44,2**	
Air flow (m3/h)	600	800	1000	
Electric power supply	230 V / 1 / 50 Hz			400 V / 3N / 50 Hz
Nominal operating intensity (A)***	4,45 ***	5,05 ***	6,35 ***	2,8 ***
Max. absorbed intensity (A)***	5,9 ***	8 ***	9,8 ***	3,8 ***
Refrigerant fluid	R407C			
Refrigerant fluid quantity (kg)	470	740	870	
Evacuation of condensation	Flexible tube Ø12/18			

* 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 units featuring electrical heating option.

Spare parts xx

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

HOT WATER BATTERY SPECIFICATIONS

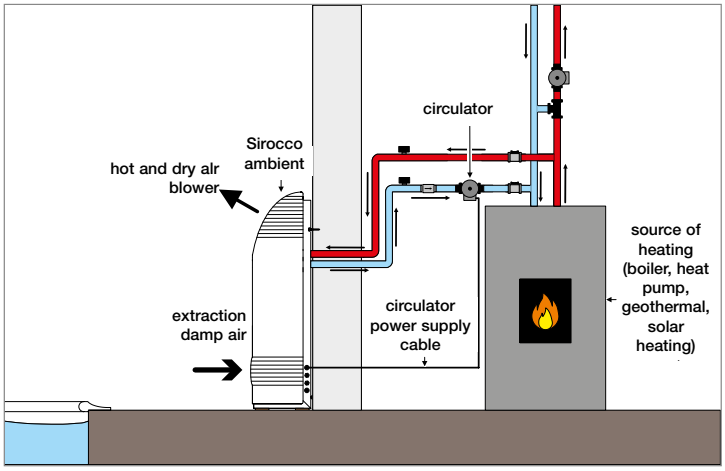
	Sirocco ambient 55 1-phase	Sirocco ambient 80 1-phase	Sirocco ambient 110 1-phase	Sirocco ambient 110 3-phases
Power (kW) with primary at 90/70°C	6	9	12	12
Power (kW) with primary at 45/40°C	2.1	2.6	3.3	3.3
Water flow (m3/h) with primary at 90/70°C	0.25	0.42	0.53	0.53
Load loss (mCE) with primary 90/70°C	0.41	0.37	0.65	0.65
Connection (mm)	15 / 21 male thread			

INSTALLATION

- Dehumidifier console to be installed in the location to be treated at more than 2 metres from the pool.
- The heating of the area can be included as an option, either using a hot water battery or by electric heating.

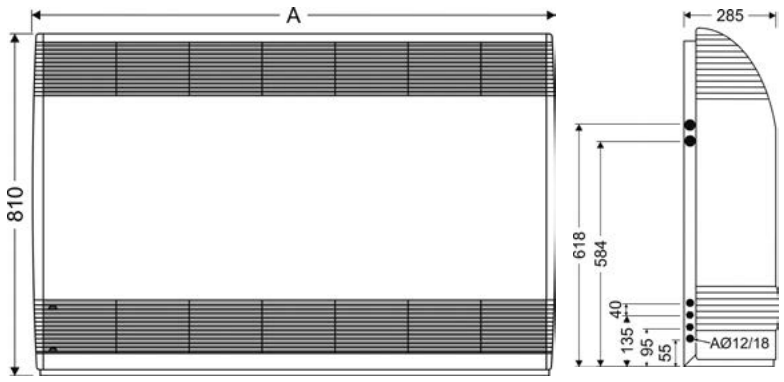
Spare parts p.280

Installation of an appliance with the hot water battery option.



DIMENSIONS (MM) AND WEIGHT

	Sirocco ambient 55 1-phase	Sirocco ambient 80 1-phase	Sirocco ambient 110 1-phase	Sirocco ambient 110 3-phases
A	1030	1220	1410	1410
Number of grates	2 x 5	2 x 6	2 x 7	2 x 7
Weight (kg) (basic model)	65	75	85	



OPTIONAL ACCESSORIES

	Filter Sirocco ambient 55	Filter Sirocco ambient 80	Filter Sirocco ambient 110
reference	WSD01913	WSD01914	WSD01915
ex VAT Price	**31,39 €**	**34,64 €**	**36,80 €**

For the best operation of the dehumidifier we recommend changing the filter every year.

Sirocco Through-the-wall

2 YEAR WARRANTY

+ Very easy to install through-the-wall
+ Available in 3 capacities (2.3 to 4.6 l/h)
+ “Air heating” option (electric heating or hot water battery)

	Sirocco through-the-wall 55 1-phase	Sirocco through-the-wall 80 1-phase	Sirocco through-the-wall 110 1-phase	Sirocco through-the-wall 110 3-phases
PRODUCT REFERENCE				
Standard model	W28SI55E	W28SI80E	W28SI110E	W28SI110ET
Model with electric heating option	W28SI55EE	W28SI80EE	W28SI110EE	W28SI110EET
	2 kW	3 kW	4,5 kW	4,5 kW
Model with hot water battery option	W28SI55EB	W28SI80EB	W28SI110EB	W28SI110EBT
	6 kW	9 kW	12 kW	12 kW

ACCESSORIES INCLUDED IN THE PACK

Hygro control box

TECHNICAL SPECIFICATIONS

Capacity (l/h)	2.3	3.3	4.6	
Absorbed power* (W)	990*	1100*	1340*	
Operating power* (W)	2080*	2310*	2810*	
Acoustic pressure at 5m (dB(A))	600**	800**	1000**	
Air flow (m3/h)	45.7	44.7	44.2	
Electric power supply	230 V / 1 / 50 Hz			400 V / 3N / 50 Hz
Nominal operating intensity (A)***	4,45 ***	5,05 ***	6,35 ***	2,8 ***
Max. absorbed intensity (A)***	5,9***	8 ***	9,8 ***	3,8 ***
Refrigerant fluid	R407C			
Refrigerant fluid quantity (kg)	470	740	870	
Evacuation of condensation	Flexible tube Ø12/18			

* 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 units featuring electrical heating option.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

HOT WATER BATTERY SPECIFICATIONS

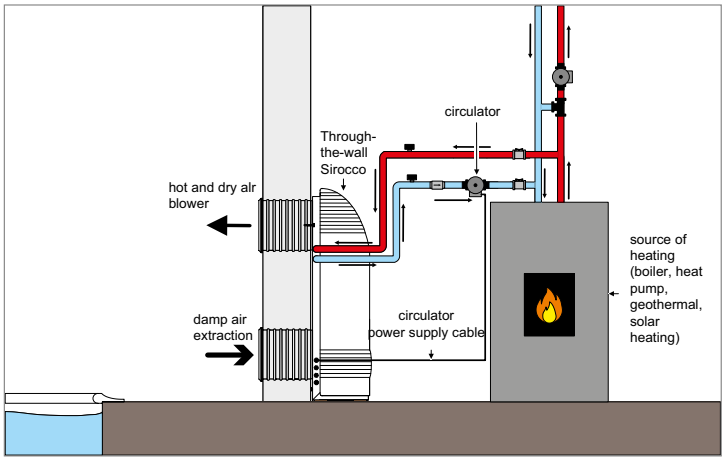
	Sirocco through-the-wall 55 1-phase	Sirocco through-the-wall 80 1-phase	Sirocco through-the-wall 110 1-phase	Sirocco through-the-wall 110 3-phases
Power (kW) with primary at 90/70°C	6	9	12	12
Power (kW) with primary at 45/40°C	2.1	2.6	3.3	3.3
Water flow (m3/h) with primary at 90/70°C	0.25	0.42	0.53	0.53
Load loss (mCE) with primary 90/70°C	0.41	0.37	0.65	0.65
Connection (mm)	15 / 21 male thread			

INSTALLATION

- The Through-the-wall Sirocco is installed in the wall separating the technical facility from the pool hall.
- Only the intake grate and the blower grates are visible from the pool hall.
- Heating in the technical room can be incorporated optional: either by hot water battery, or via electrical resistance.
- Minimum ambient working temperature : 10°C.

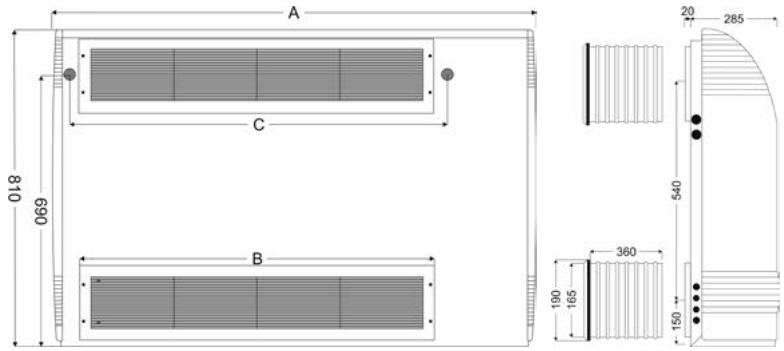
Spare parts p.280

Installation of an appliance with the hot water battery option.



DIMENSIONS (MM) AND WEIGHT

	Sirocco through-the-wall 55 1-phase	Sirocco through-the-wall 80 1-phase	Sirocco through-the-wall 110 1-phase	Sirocco through-the-wall 110 3-phases
A	1030	1220	1410	
B	620	810	1000	
C : Anchor points	653	843	1033	
Space: Tolerance +2/-0 mm	618 x 165	808 x 165	998 x 165	
Number of grates	2 x 3	2 x 4	2 x 5	
Weight (kg) (basic model)	65	85	75	75



OPTIONAL ACCESSORIES

	Filter Sirocco Through-the-wall 55	Filter Sirocco Through-the-wall 80	Filter Sirocco Through-the-wall 110
reference	WSD01911	WSD01912	WSD01913
ex VAT Price	**25,98 €**	**28,14 €**	**31,39 €**

For the best operation of the dehumidifier we recommend changing the filter every year.

DF Through-the-wall Through-the-wall horizontal system

2 YEAR WARRANTY

+ Easy to install in the trough-the-wall, at a height (1.2 to 1.3 m from the ground)
+ Available in 3 capacities (3.5 to 8 l/h)
+ Option: “air heating” (either electric or hot water battery)
+ Modularity: right-hand access panel as standard, with an option for left-hand

EASY INSTALLATION HYGRO CONTROL SERVICES +

	DF 403 Through-the-wall 1-phase	DF 405 Through-the-wall 1-phase	DF 405 Through-the-wall 3-phases	DF 408 Through-the-wall 1-phase	DF 408 Through-the-wall 3-phases
PRODUCT REFERENCE					
Standard model	W28DF403ME	W28DF405ME	W28DF405TE	W28DF408ME	W28DF408TE
Model with electric heating option	W28DF403MEE	W28DF405MEE	W28DF405TEE	W28DF408MEE	W28DF408TEE
	4,5 kW	4,5 kW	4,5 kW	4,5 kW	9 kW
Model with hot water battery option	W28DF403MEB	W28DF405MEB	W28DF405TEB	W28DF408MEB	W28DF408TEB
	12kW	12kW	12kW	14 kW	14 kW

ACCESSORIES INCLUDED IN THE PACK

Hygro control box

TECHNICAL SPECIFICATIONS

Capacity (l/h)	3.5	5		8	
Absorbed power* (W)	1500*	1860*		2600*	
Operating power* (W)	3600*	4465*		6240*	
Air flow (m3/h)	1300*			1700*	
Electric power supply	230 V / 1 / 50 Hz		400 V / 3N / 50 Hz	230 V / 1 / 50 Hz	400 V / 3N / 50 Hz
Max. absorbed intensity (A)***	13,2**	16,1**	7,3**	24,8**	9,5**
Refrigerant fluid	R407C				
Refrigerant fluid quantity (kg)	1180	1210		1520	

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 units featuring electrical heating option.

OPTIONAL ACCESSORIES

	Double deflector supply grade	Register + double deflector grade	Chassis support DF
reference	WTT02365	WTT02369	WTO04000
ex VAT Price	**61,69 €**	**136,61 €**	**836,44 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

HOT WATER BATTERY SPECIFICATIONS

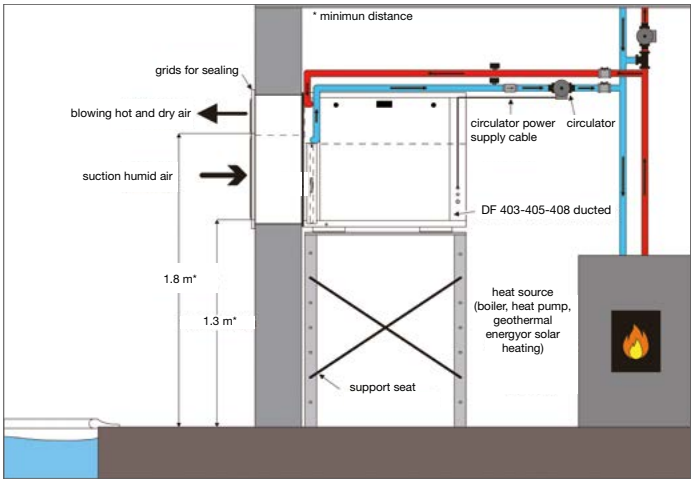
	DF 403 Through-the-wall 1-phase	DF 405 Through-the-wall 1-phase	DF 405 Through-the-wall 3-phases	DF 408 Through-the-wall 1-phase	DF 408 Through-the-wall 3-phases
Power (kW) with primary 50-40 °C / 90-70 °C	3,9/12,4	3,9/12,4	3,9/12,4	4,6/14,8	4,6/14,8
Water flow (m3/h) with primary at 90/70°C	0.56	0.56	0.56	0.66	0.66
Load loss (mCE) with primary 90/70°C	0.059	0.059	0.059	0.081	0.081
Connection (mm)	20 / 27 male thread				

INSTALLATION

- Installation in an adjoining technical room.
- 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 battery assembled inside the appliance (option).
- Extra electric heating using incorporated electric heating elements (option).
- Filter on the intake.
- Standard access panel (electrical connections) on the right in the direction of air flow. If the panel is difficult to access on this side, the electrical unit can be fitted remotely (option exclusively available with the DF unit).

Spare parts p.282

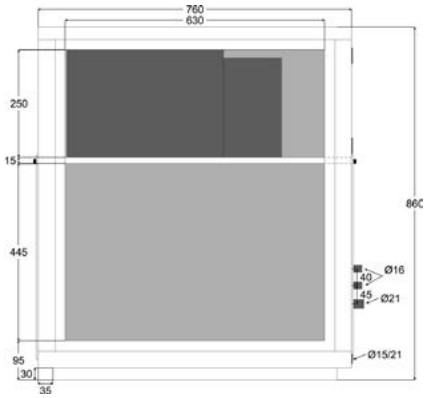
Installation of an appliance with the hot water battery option.

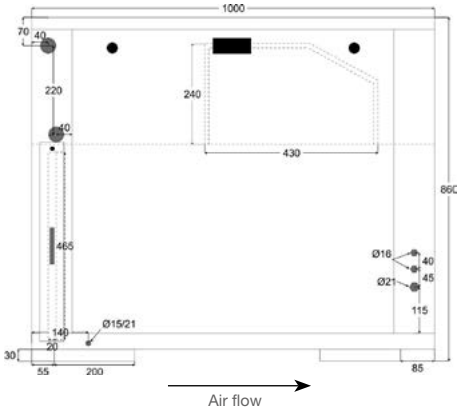


DIMENSIONS (MM) AND WEIGHT

	DF 403 Through-the-wall 1-phase	DF 405 Through-the-wall 1-phase	DF 405 Through-the-wall 3-phases	DF 408 Through-the-wall 1-phase	DF 408 Through-the-wall 3-phases
Weight (kg) (basic model)	129	130	130	133	133

DF

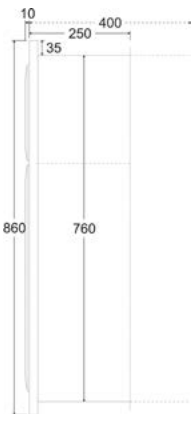


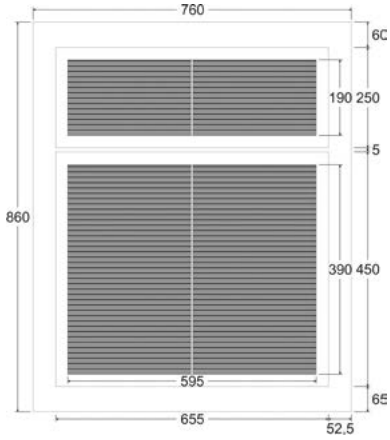


Access panel as standard for electrical connections

Air flow

Grate to be mortared





DF ducted 403 - 408 Horizontal ducted system

2 YEAR WARRANTY

+ Ducted DF range, available in 5 capacities (3.5 to 12 L/h)
+ 'Air heating' option (electric element or hot water radiator)
+ Very easy to install in the plant room
+ Modularity: right-hand access panel as standard, with an option for left-hand

	DF 403 ducted 1-phase	DF 405 ducted 1-phase	DF 405 ducted 3-phases	DF 408 ducted 1-phase	DF 408 ducted 3-phases
PRODUCT REFERENCE					
Standard model	W28DF403MG	W28DF405MG	W28DF405TG	W28DF408MG	W28DF408TG
Model with electric heating option	W28DF403MGE	W28DF405MGE	W28DF405TGE	W28DF408MGE	W28DF408TGE
	4,5 kW	4,5 kW	4,5 kW	4,5 kW	9 kW
Model with hot water battery option	W28DF403MGB	W28DF405MGB	W28DF405TGB	W28DF408MGB	W28DF408TGB
	15 KW	15 KW	15 KW	18kW	18kW

ACCESSORIES INCLUDED IN THE PACK

Hygro control box

TECHNICAL SPECIFICATIONS

Capacity (l/h)	3.5	5		8	
Absorbed power* (W)	1500*	1860*		2600*	
Operating power* (W)	3600*	4465*		6240*	
Air flow (m3/h)	1300			1700	
Available pressure (mmCE)	10				
Electric power supply	230 V / 1 / 50 Hz		400 V / 3N / 50 Hz	230 V / 1 / 50 Hz	400 V / 3N / 50 Hz
Max. absorbed intensity (A)***	13,2 ***	16,1 ***	7,3 ***	24,8 ***	9,5 ***
Refrigerant fluid	R407C				
Refrigerant fluid quantity (kg)	1180	1210		1520	
Evacuation of condensation	PVC Ø 32 1/2 union to glue				
Sound 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 units featuring electrical heating option.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

HOT WATER BATTERY SPECIFICATIONS

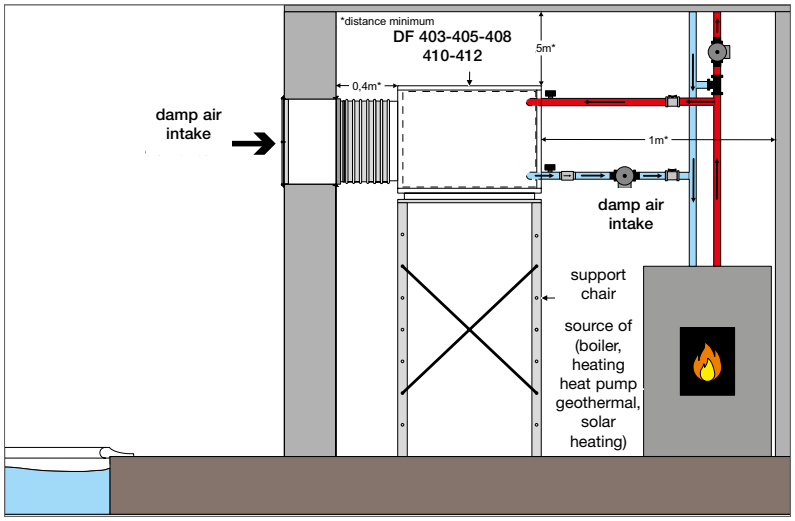
	DF 403 ducted 1-phase	DF 405 ducted 1-phase	DF 405 ducted 3-phases	DF 408 ducted 1-phase	DF 408 ducted 3-phases
Power (kW) with primary 50-40 °C / 90-70 °C	3,9/12,4	3,9/12,4	3,9/12,4	4,6/14,8	4,6/14,8
Water flow (m3/h) with primary at 90/70°C	0.56	0.56	0.56	0.66	0.66
Load loss (mCE) with primary 90/70°C	0.059	0.059	0.059	0.081	0.081
Connection (mm)	20 / 27 male thread				

INSTALLATION

- Installation in an adjoining technical room.
- 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 battery assembled inside the appliance (option).
- Extra electric heating using incorporated electric heating elements (option).
- Filter on the intake.
- Standard access panel (electrical connections) on the right in the direction of air flow. If the panel is difficult to access on this side, the electrical unit can be fitted remotely (option exclusively available with the DF unit).

Spare parts p.282

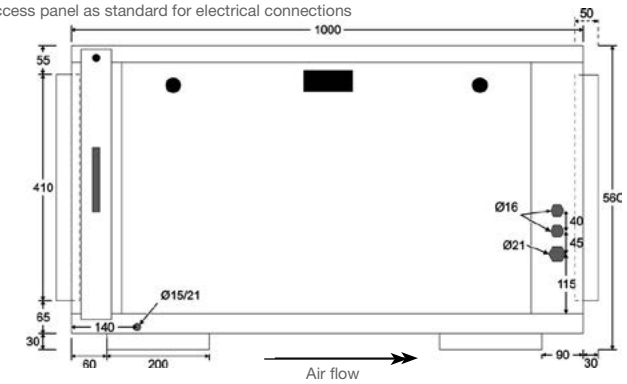
Installation of an appliance with the hot water battery option (models 403 G to 412 G).

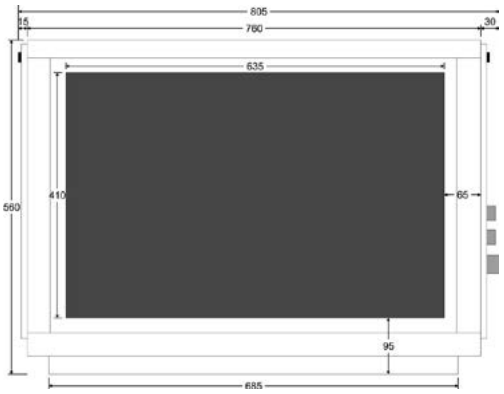


DIMENSIONS (MM) AND WEIGHT

	DF 403 ducted 1-phase	DF 405 ducted 1-phase	DF 405 ducted 3-phases	DF 408 ducted 1-phase	DF 408 ducted 3-phases
Weight (kg)	113	113	113	117	117

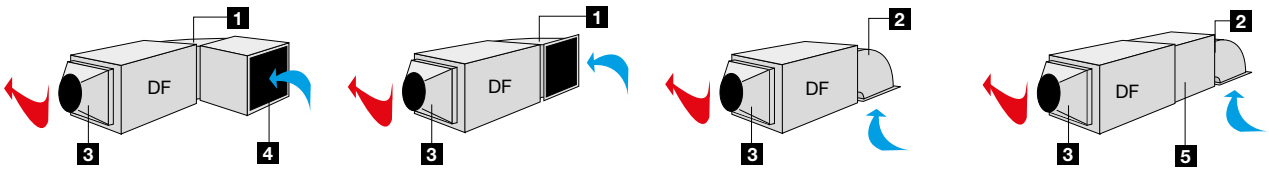
Access panel as standard for electrical connections





OPTIONAL ACCESSORIES

	1 Double deflector supply grade	2 Vertical angle 90°	3 Outlet DF Ø 315	3 Outlet DF Ø 400	4 Standard outlet 625 x 425	Circular sound trap with core Ø 315	5 Sound trap rectangular length 500 mm	DF Chassis support	Remote control electrical unit
reference	WCH03716	WCH03717	WCH03715	WCH03729	WTT02355	WCH03681	WCH03718	WTO04000	W28DEPORT
ex VAT Price	**439,23 €**	**380,39 €**	**291,08 €**	**323,65 €**	**183,90 €**	**714,55 €**	**629,43 €**	**836,44 €**	**458,44 €**



DF ducted 410 - 412 Horizontal ducted system

2 YEAR WARRANTY

+ Ducted DF range, available in 5 capacities (3.5 to 12 L/h)
+ 'Air heating' option (electric element or hot water radiator)
+ Very easy to install in the plant room
+ Modularity: right-hand access panel as standard, with an option for left-hand

	DF 410 ducted 1-phase	DF 410 ducted 3-phases	DF 412 ducted 3-phases****
PRODUCT REFERENCE			
Standard model	W28DF410MG	W28DF410G	W28DF412G
Model with water condenser option	W28DF410MGC	W28DF410GC	W28DF412GC
Model with electric heating option	W28DF410MGE	W28DF410GE	W28DF412GE
	4,5 kW	9 kW	9 kW
Model with electric heating option and water condenser	W28DF410MGEC	W28DF410GEC	W28DF412GEC
	4,5 kW	9 kW	9 kW
Model with hot water battery option	W28DF410MGB	W28DF410GB	W28DF412GB
	23 kW	23 kW	23 kW
Model with hot water battery option and water condenser	W28DF410MGBC	W28DF410GBC	W28DF412GBC
	23 kW	23 kW	23 kW

ACCESSORIES INCLUDED IN THE PACK

Hygro control box

TECHNICAL SPECIFICATIONS

Capacity (l/h)	10		12
Absorbed power* (W)	3470		4170
Operating power* (W)	7630		9180
Air flow (m3/h)	2000		
Available pressure (mmCE)	10		
Electric power supply	230 V / 1N / 50 Hz	400 V / 3N / 50 Hz	
Max. absorbed intensity (A)***	20.5	11.9	14
Refrigerant fluid quantity (kg)	2700 /2820 (1)		2900 /3820 (1)
Evacuation of condensation	PVC Ø 32 1/2 union to glue		
Sound 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 units featuring electrical heating option.
**** DF412 in single phaseon request.
(1) for units with water condenser option.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

HOT WATER BATTERY SPECIFICATIONS

	DF 410 ducted 1-phase	DF 410 ducted 3-phases	DF 412 ducted 3-phases****
Power (kW) with primary at 90/70°C	23	23	23
Power (kW) with primary at 45/40°C	7	7	7
Water flow (m3/h) with primary at 90/70°C	1.1	1.1	1.1
Load loss (mCE) with primary 90/70°C	0.204	0.204	0.204
Connection (mm)	20 / 27 male thread		

INSTALLATION

- Installation in a technical facility close to the pool hall.
- Hot water battery assembled on the blower (option).
- Extra electhree phasec heating by through-the-wall electhree phasec heating elements (option).
- Available pressure 10 mmCE making it possible to install a duct network to carry hot, dry air the length of the window bays.
- Duct diameter: Ø315 min. or 400 x 200.
- Standard access panel (electrical connections) on the right in the direction of air flow. If the panel is difficult to access on this side, the electrical unit can be fitted remotely (option exclusively available with the DF unit).

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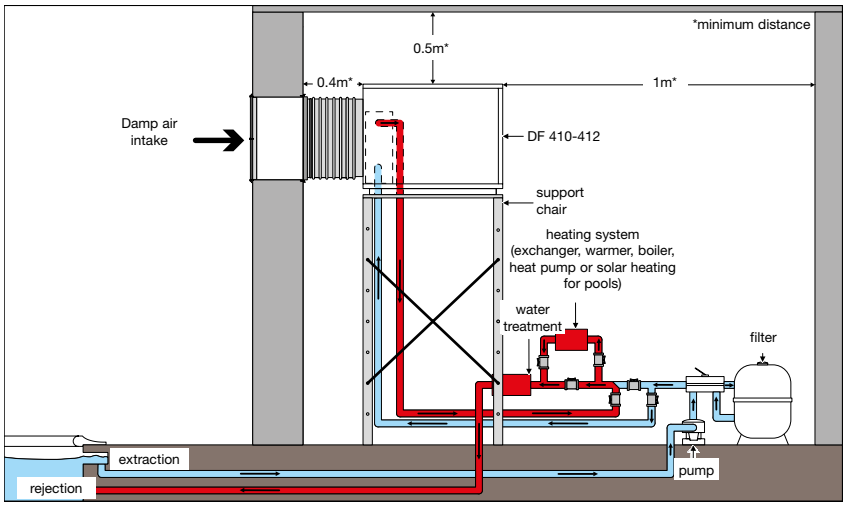
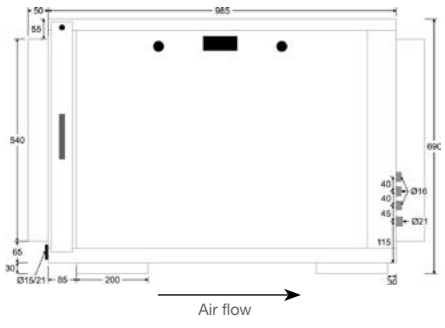
Installation of an appliance with the condenser option (models 410 G and 412 G only).

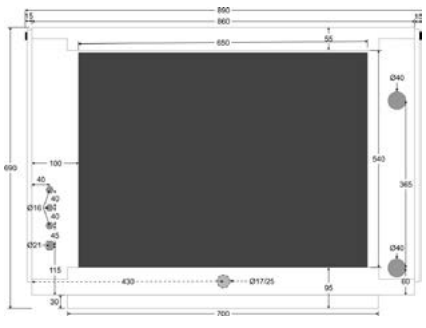


DIMENSIONS (MM) AND WEIGHT

	DF 410 ducted 1-phase	DF 410 ducted 3-phases	DF 412 ducted 3-phases****
Weight (kg) (basic model)	147	147	149

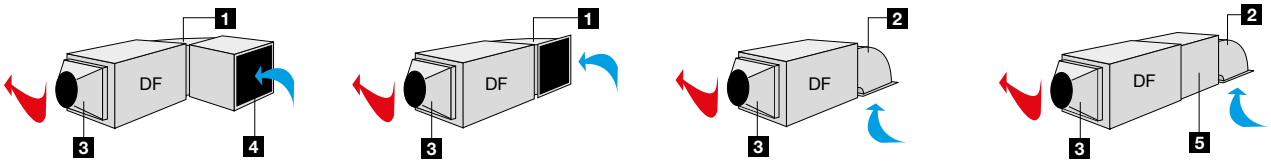
Access panel as standard for electrical connections





OPTIONAL ACCESSORIES

	1 Horizontal angle 90°	2 Vertical angle 90°	3 Outlet DF Ø 400	4 Standard outlet 625 x 425	5 Sound trap rectangular length 635 x 525 long. 500 mm	DF Chassis support	Remote control electrical unit
reference	WCH03698	WCH03699	WCH03700	WTT02355	WCH03709	WTO04000	W28DEPORT
ex VAT Price	**484,42 €**	**433,98 €**	**407,71 €**	**183,90 €**	**715,60 €**	**836,44 €**	**458,44 €**



CAE ducted Vertical ducted unit

+ “Air heating” option (electric heating or hot water battery)
+ “Water heating” option (water condenser)
+ Available in 3 capacities (8 to 13.5 l/h)

2 YEAR WARRANTY

	CAE 508 1-phase	CAE 508 3-phases	CAE 510 3-phases ***		CAE 513 3-phases ***	
PRODUCT REFERENCE						
Standard model	W28CAE8M	W28CAE8	W28CAE10		W28CAE13	
Model with water condenser option	W28CAE8MC	W28CAE8C	W28CAE10C		W28CAE13C	
Model with air heating option using electric heaters	W28CAE8ME	W28CAE8E	W28CAE10E9	W28CAE10E18	W28CAE10E9	W28CAE10E18
	4,5 kW	9 kW	9 kW	18 kW	9 kW	18 kW
Model with air heating option using electric heaterset Condenseur	W28CAE8MEC	W28CAE8EC	W28CAE10E9C	W28CA10E18C	W28CAE13E9C	W28CA10E18C
	4,5 kW	9 kW	9 kW	9 kW	18 kW	18 kW
Model with air heating option using ho water battery	W28CAE8MB	W28CAE8B	W28CAE10B		W28CAE13B	
	23 kW	23 kW	35 kW		41 kW	
Model with air heating option using ho water battery et Condenseur	W28CAE8MBC	W28CAE8BC	W28CAE10BC		W28CAE13BC	
	23 kW	23 kW	35 kW		41 kW	

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 units featuring electrical
**** 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.

ACCESSORIES INCLUDED IN THE PACK

Hygro control box

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

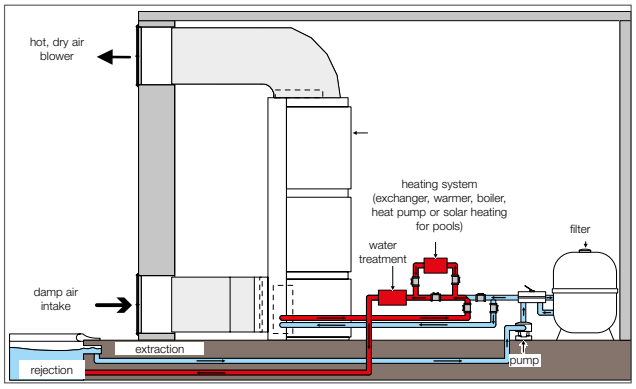
	CAE 508 1-phase	CAE 508 3-phases	CAE 510 3-phases ***	CAE 513 3-phases ***
TECHNICAL SPECIFICATIONS				
Capacity (l/h)	8		10	13.5
Absorbed power* (W)	2710		4040	5430
Operating power* (W)	6500*		9695*	13030*
Nominal airflow (m3/h)	2040		2720	3400
Air flow (m^3/h)	2400		3050	3800
Min. air flow (m^3/h)	1780		2380	2970
Available pressure (mmCE)	15		19	23
Electric power supply	230 V / 1 / 50 Hz	400 V / 3N / 50 Hz		
Nominal operating power (A)****	17.5	5.3	8.5	11
Max. absorbed intensity (A)***	37.1	8	14.5	17
Refrigerant fluid quantity (kg)	1300/1450 (1)		2200/2500 (1)	
Sound power (dB(A))**	-	77.6	-	77.6

HOT WATER BATTERY SPECIFICATIONS				
Power (kW) with primary at 90/70°C	23	23	35	41
Power (kW) with primary at 45/40°C	5.9	5.9	9.8	11.6
Water flow (m3/h) with primary at 90/70°C	1	1	1.6	1.9
Load loss (mCE) with primary 90/70°C	1.25	1.25	1.9	2.5
Connection (mm)	20 / 27 mâle à visser			

EXTRACTION AND BLOWER OPTIONS

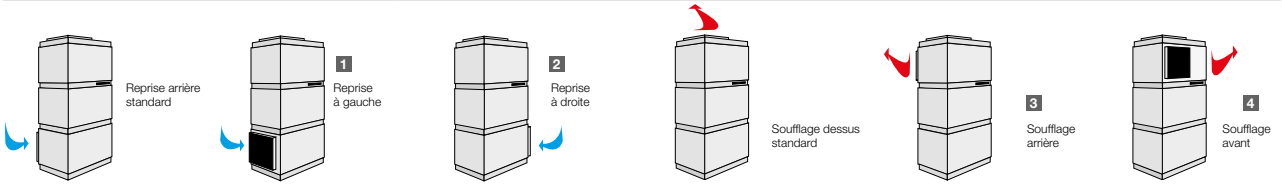
Installation of an appliance with the TITANIUM water condenser option.

- 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.



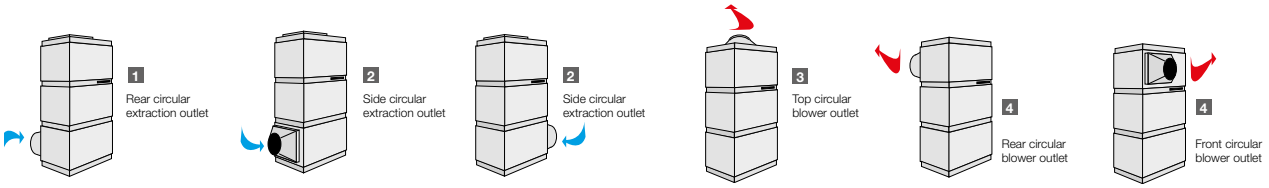
EXTRACTION AND SUPPLY

Extractor on the left (frame + filter)	1	W28REGA **303,91 € ex VAT**
Extractor on the right (frame + filter)	2	W28REDR **303,91 € ex VAT**
Rear blower (frame)	3	W28SOAR **214,36 € ex VAT**
Front blower (frame)	4	W28SOAV **474,92 € ex VAT**



CAE ducted Vertical ducted unit (suite)

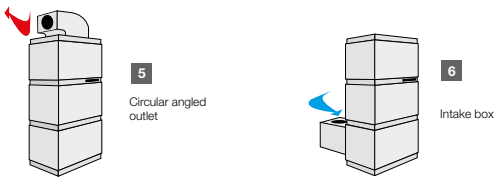
	CAE 508 1-phase	CAE 508 3-phases	CAE 510 3-phases ***	CAE 513 3-phases ***
AIR EXTRACTION AND SUPPLY ACCESSORIES				
Diameter	Ø 400		Ø 500	
Circular rear extraction accessorie[s(1)] 1	WCH01245		WCH01246	
Circular side extraction accessories (1) 2	WCH01247		WCH01248	
Circular top extraction accessories (2) 3	WCH01249		WCH01250	
Circular front/rear blower accessories(1) 4	WCH01249		WCH01250	



(1) Plan the left or right option
(2) Plan the front or rear blower option. For other metalwork, contact us

EXTRACTION AND SUPPLY BOX		
Diameter	Ø 400	Ø 500
Circular angled outlet	WCH01251	WCH01252
	478,11 € ex VAT	**481,27 € ex VAT**
System central intake box	WCH01253	WCH01254
	385,64 € ex VAT	**424,52 € ex VAT**
Intake box for 625 x 425 grate	WCH03719	Consult us
	294,23 € ex VAT	

Other accessories or casing: contact us

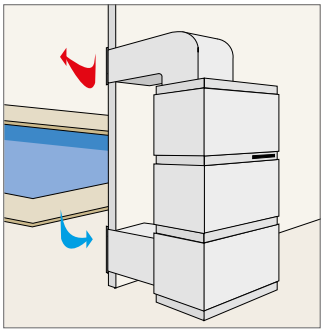


PIÈGE À SON		
Diameter	Ø 400	Ø 500
Sound trap	WCH03682	WCH03683
	852,2 € ex VAT	**1127,51 € ex VAT**

Circular sound trap with Ø 400 central core for CAE 508 et Ø 500 core for CAE 510, 513. Can be mounted on the intake or blower side.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

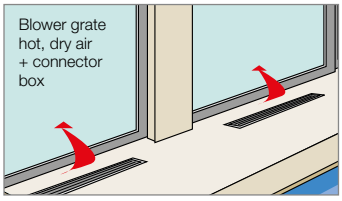
OPTIONAL ACCESSORIES						
	625 x 425 grate (plan for 2 grates)	Double 625 x 425 deflector (blower)	Sound trap	Blower angle	Remote regulator box for the dehumidifier	Remote regulator box for 2 dehumidifiers
reference	WTT02355	WTT02366	WCH01234	WCH01255	R0771000	R0771100
ex VAT Price	**183,90 €**	**97,41 €**	**742,92 €**	**447,65 €**	**811,51 €**	**955,09 €**

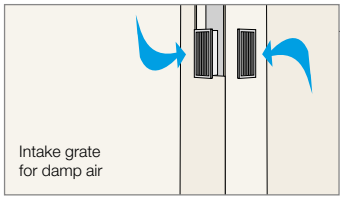


CAE TECHNICAL ROOM + DUCTS

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.





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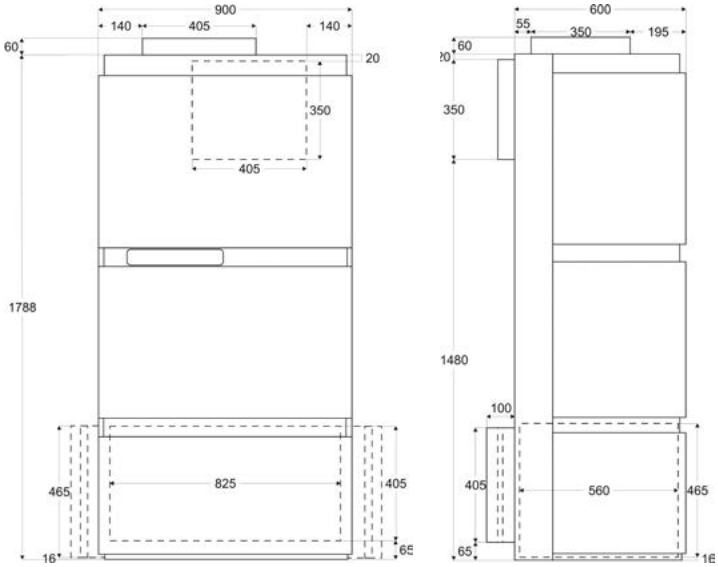
DIMENSIONS (MM) AND WEIGHT

	CAE 508 1-phase	CAE 508 3-phases	CAE 510 3-phases	CAE 513 3-phases
Weight (kg)	228	228	235	240



OMEGA Central unit

+ Installation in the technical room
+ Available in 5 capacities (10 to 28 l/h)
+ “Air heating” option (electric heating or hot water battery)
+ “Water heating” option (water condenser)

2 YEAR WARRANTY

	Omega 10 tri	Omega 14 tri	Omega 16 tri	Omega 20 tri	Omega 28 tri
PRODUCT REFERENCE					
Standard model	W28OM10	W28OM14	W28OM16	W28OM20	W28OM28
Model with water condenser option	W28OM10C	W28OM14C	W28OM16C	W28OM20C	W28OM28C
Model with air heating option using electric heaters	W28OM10E	W28OM14E	W28OM16E	W28OM20E	W28OM28E
	9 kW	9 kW	18 kW	18 kW	18 kW
Model with air heating option using electric heaters and Condenser	W28OM10EC	W28OM14EC	W28OM16EC	W28OM20EC	W28OM28EC
	9 kW	9 kW	18 kW	18 kW	18 kW
Model with air heating option using hot water battery	W28OM10B	W28OM14B	W28OM16B	W28OM20B	W28OM28B
	24 kW	34 kW	42 kW	53 kW	76 kW
Model with air heating option using hot water battery and Condenser	W28OM10BC	W28OM14BC	W28OM16BC	W28OM20BC	W28OM28BC
	24 kW	34 kW	42 kW	53 kW	76 kW

ACCESSORIES INCLUDED IN THE PACK

Hygro control box

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

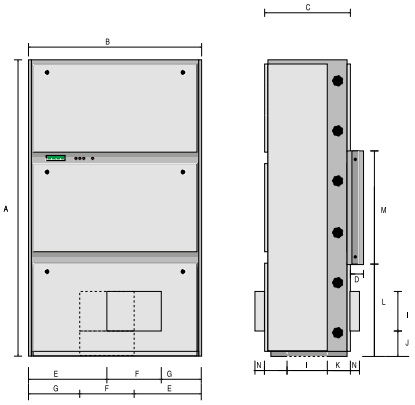
	Omega 10 tri	Omega 14 tri	Omega 16 tri	Omega 20 tri	Omega 28 tri
TECHNICAL SPECIFICATIONS					
Capacity (l/h)	10	14	16	20	28
Absorbed power* (W)	3 840	4 390	5 830	6 430	9 900
Operating power* (W)	9 210	10 530	13 990	15 430	23 760
Air flow (m3/h)	3 000	4 000	5 000	6 000	8 500
Available pressure (mmCE)	20				
Electric power supply	400 V / 3N / 50 Hz				
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)	3,5/3,8 (1)	8,2/8,5 (1)
Sound 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 units featuring electrical
**** 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.

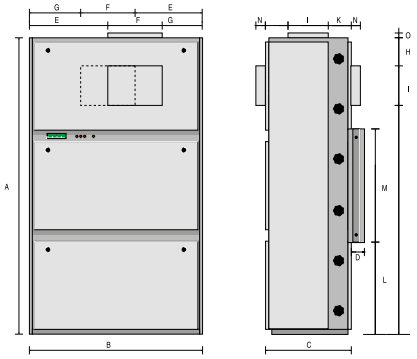
	Omega 10 tri	Omega 14 tri	Omega 16 tri	Omega 20 tri	Omega 28 tri
HOT WATER BATTERY SPECIFICATIONS					
Power (kW) with primary at 90/70°C	24	34	42	53	76
Power (kW) with primary at 45/40°C	9.5	11.6	13.6	15.2	23
Water flow (m3/h) with primary at 90/70°C	1.66	2.03	2.35	2.64	3.98
Load loss (mCE) with primary 90/70°C	0.93	1.34	1.76	2.17	1.41
Connection (mm)	20 / 27 male thread				

	Omega 10 tri	Omega 14 tri	Omega 16 tri	Omega 20 tri	Omega 28 tri
DIMENSIONS (MM) AND WEIGHT					
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



Blower at the bottom



Blower at the top

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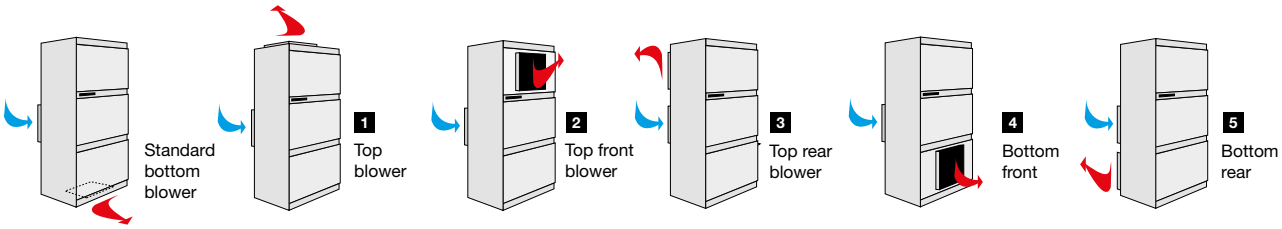
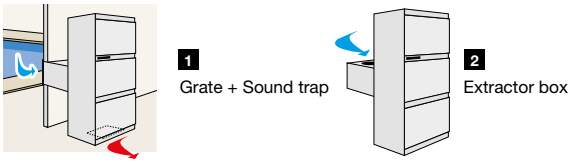
OMEGA Central unit (suite)

		Omega 10 tri	Omega 14 tri	Omega 16 tri	Omega 20 tri	Omega 28 tri
BLOWER OPTIONS						
Blower on the top		W28SODE			W28SODE20	W28SODE28
		105,08 € ex VAT				
Blower on the top to the front	1	W28SOHAV			W28SOHAV20	W28SOHAV28
		494,5 € ex VAT			**500,68 €** ex VAT	**607,82 €** ex VAT
Blower on the top to the rear	2	W28SOHAR			W28SOHAR20	W28SOHAR28
		504,8 € ex VAT			**500,68 €** ex VAT	**607,82 €** ex VAT
Blower on the bottom to the front	3	W28SOBAV				
		552,19 € ex VAT			**552,19 €** ex VAT	**552,19 €** ex VAT
Blower on the bottom to the rear	4	W28SOBAR				
		541,89 € ex VAT				

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.



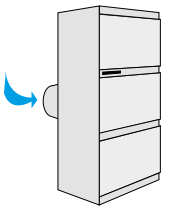
		Omega 10 tri	Omega 14 tri	Omega 16 tri	Omega 20 tri	Omega 28 tri
OMEGA INTAKE						
Extractor grate 1000 x 600 (4000 à 6000 m³/h) with counter frame	Grate	WFA01477				
	Counter frame	WFA01479				
		477,06 € ex VAT				
Sound trap 600 mm (for direct intake from 100 X 600 grate)		WCH01236				
		814,38 € ex VAT				
Extraction box for Omega systems	Caisson	WCH02822		WCH03048		WCH03049
	Diameter	Ø500		Ø630		Ø500
		419,27 € ex VAT		**580,04 €** ex VAT		**872,17 €** ex VAT
Intake box for 1000 x 600 grate	Caisson	WCH02822		WCH03048		WCH03049
	Diameter	Ø500		Ø630		Ø500
		572,69 € ex VAT				



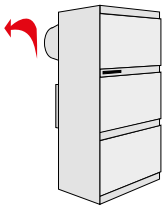
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

	Omega 10 tri	Omega 14 tri	Omega 16 tri	Omega 20 tri	Omega 28 tri
EXTRACTION AND SUPPLY ACCESSORIES					
Diameter	Ø500		Ø630		2 x Ø500
Rear circular extractor accessories	WCH03701		WCH03702		WCH03703
	433,98 € ex VAT		**445,54 € ex VAT**		**619,98 € ex VAT**
Front/rear circular blower accessories	WCH03595		WCH03331		WCH03704
	394,06 € ex VAT		**433,98 € ex VAT**		**547,46 € ex VAT**
Upper circular blower accessories	WCH03705		WCH03706		WCH03707
	401,41 € ex VAT		**439,23 € ex VAT**		**852,2 € ex VAT**

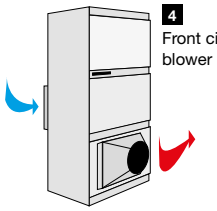
Other accessories or casing: contact us.



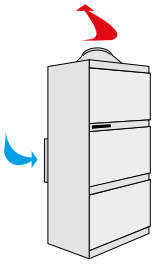
3 Rear circular extractor outlet



4 Rear circular blower outlet



4 Front circular blower outlet



5 Top circular blower outlet

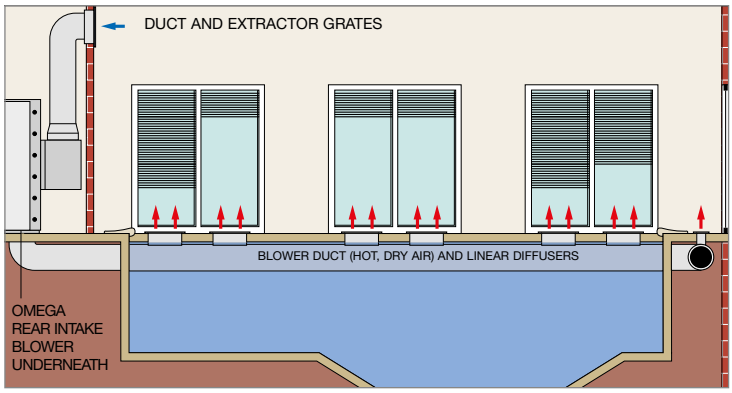
OPTIONAL ACCESSORIES

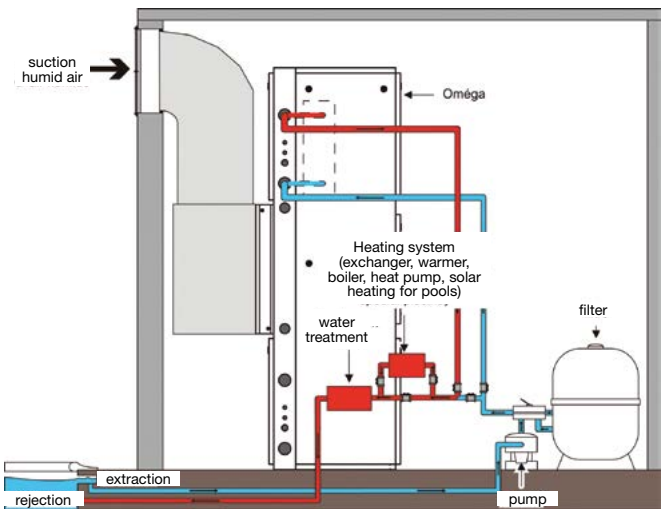
	Filters for OMEGA 10, 14, 16 et 20 tri	Filters for OMEGA 28 tri	Remote regulator box for the dehumidifier	Remote regulator box for 2 dehumidifiers
reference	WSD01916	WSD03350	R0771000	R0771100
ex VAT Price	**44,37 €**	**30,30 €**	**811,51 €**	**955,09 €**

INSTALLATION

Installation of the system in a technical facility adjacent or close to 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 battery 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.





ENERGY Fan

2 YEAR WARRANTY

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

EASY INSTALLATION

	Energy 150	Energy 500	Energy 900	Energy 1800
PRODUCT REFERENCE				
Standard model	WD001208	WD001209	WD001210	WD001211

ACCESSORIES INCLUDED IN THE PACK

Through-the-wall duct

Outdoor grade

EQUIPEMENT

- Provide a fresh air supply grille (supply airflow lower or equal to the fan's extraction airflow to guarantee a slight underpressure in the pool hall.
- Axial fan
- Construction in ABS
- 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 bax (sold as accessory)

TECHNICAL SPECIFICATIONS

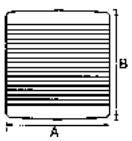
Max. extraction airflow	280	445	918	1820
Eco extraction airflow	-	245	820	1341
Max. absorbed power	33	38	50	100
Eco absorbed power	-	20	37	70
Max. sound pressure at 3 m	43	45	49	51
Eco sound pressure at 3 m	-	27	46	45
Electric power supply	230 V / 1 / 50 Hz	230 V / 1 / 50 Hz	230 V / 1 / 50 Hz	230 V / 1 / 50 Hz

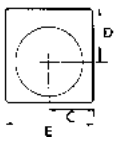
DIMENSIONS (MM) AND WEIGHT

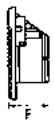
Weight (kg)	0.99	4.6	4.9	9.5
A x B	200 x 200	269 x 272	342 x 342	420 x 420
C	100	134,5	171	206,5
D	100	737,5	175	214,5
E	200	269	337	413
F	114,5	128	130	169,4
Wall opening	Ø160	260 x 260	330 x 330	410 x 410
Wall width (min/max)	100/375	200/380	200/380	200/380

OPTIONAL ACCESSORIES

	RC4M control box for Energy 500, 900 and 1800 Box to control up to 5 fans
reference	WD001212
ex VAT Price	**292,13 €**







ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

CANAL FAST Fan

2 YEAR WARRANTY

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

EASY INSTALLATION

	CANAL FAST 125S	CANAL FAST 160	CANAL FAST 200	CANAL FAST 250
PRODUCT REFERENCE				
Standard model	WFA03484	WFA03485	WFA03486	WFA03487

EQUIPEMENT

- 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

TECHNICAL SPECIFICATIONS

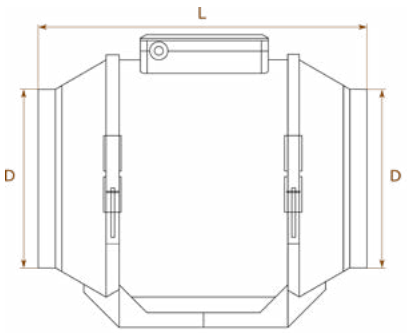
Max. extraction airflow	285/345	467/552	830/1040	1100/1400
Power (W)	47/65	54/76	90/125	125/177
Max. sound pressure at 3 m	31/42	33/44	45/52	47/55
Electric power supply	230 V / 1 / 50Hz	230 V / 1 / 50Hz	230 V / 1 / 50Hz	230 V / 1 / 50Hz

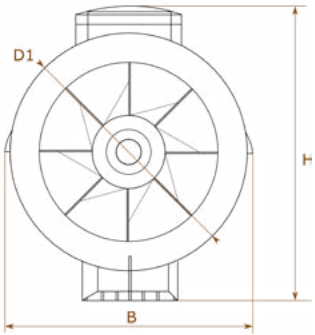
DIMENSIONS (MM) AND WEIGHT

Weight (kg)	3	3.4	6.5	7.5
D	123	158	197	247
D1	185	185	209	256
H	250	250	261	320
B	220	220	239	286
L	295	295	296	393

OPTIONAL ACCESSORIES

	Variable speed drive
reference	WFA03488
ex VAT Price	**236,44 €**





Floor slot diffusers

+ 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

Minimum manufacturing time : 3 weeks

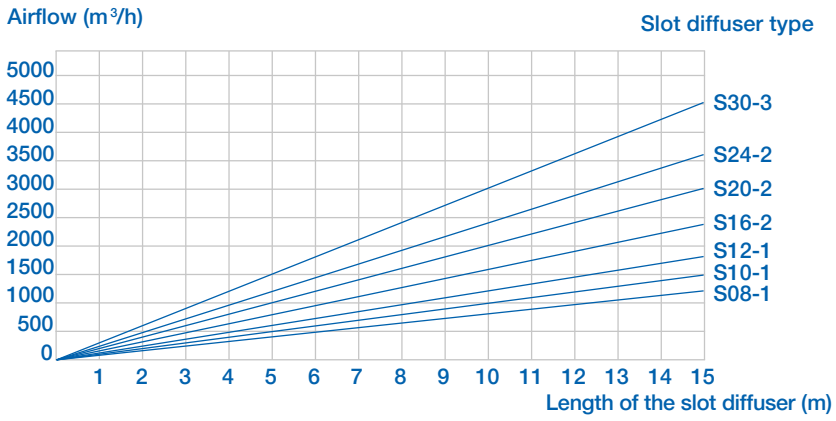
Height (mm)	S08-1	S10-1	S12-1	S16-2	S20-2	S24-2	S30-3
100-150	WD001422	WD001424	WD001426	WD001429	WD001431	WD001433	WD001435
150-200	WD001423	WD001425	WD001427	WD001430	WD001432	WD001434	WD001436

*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

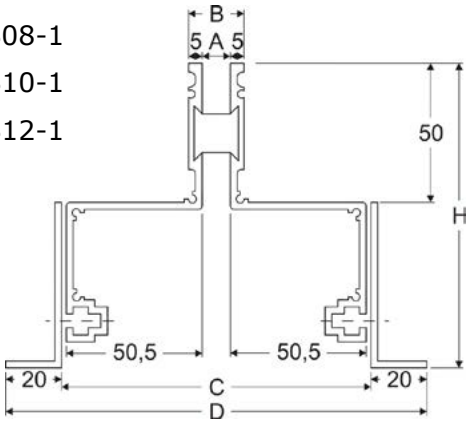
Type of floor slot diffuser	S08-1	S10-1	S12-1	S16-2	S20-2	S24-2	S30-3
Tapping/linear metre	2xD100	2xD100	2xD100	3xD100 or 2xD125	3xD100 or 2xD125	2xD160	2xD160

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

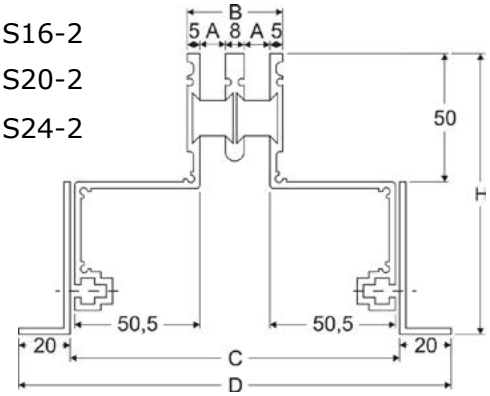
DIMENSIONS (EN MM)

	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	

S08-1
S10-1
S12-1

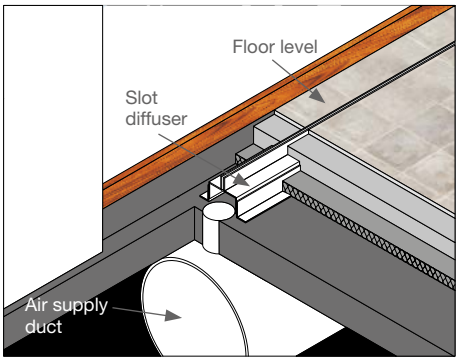


S16-2
S20-2
S24-2



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	Price ex VAT
grate PA160 (200 m3/h)	WFA03480	67,25 €
grate PA200 (300 m3/h)	WFA03481	109,28 €
grate PA250 (400 m3/h)	WFA03482	132,41 €
grate PA315 (700 m3/h)	WFA03483	158,67 €
Damper Ø160	WCH03758	42,24 €
Damper Ø200	WCH03759	47,60 €
Damper Ø250	WCH03760	52,02 €
Damper Ø315	WCH03761	60,64 €

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	Price ex VAT
	Damper + double defection 625 x 225	WTT02369	136,61 €
	Damper + double defection 625 x 425	WTT02370	205,96 €
6	625 x 225 grate (flow 500 to 1250 m3/h)	WTT02354	133,46 €
	625 x 225 counter frame	WTT02358	25,21 €
	625 x 425 grate (flow 1250 to 2500 m3/h)	WTT02355	183,90 €
	625 x 425 counter frame	WTT02359	25,21 €
	Double deflector 625 x 225	WTT02365	61,69 €
	Double deflector 625 x 425	WTT02366	97,41 €
	Regulator 625 x 225	WTT02367	76,70 €
	Regulator 625 x 425	WTT02368	107,18 €
7	Adapter 600 x 200 (Ø 315)	WCH01226	218,57 €
	Adapter 600 x 200 (Ø 400)	WCH03684	218,57 €
	Adapter 600 x 400 (Ø 500)	WCH01227	258,50 €
	Adapter 600 x 400 (Ø 630)	WCH03685	258,50 €

GRATE FOR CIRCULAR DUCT

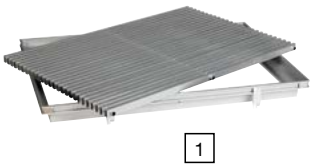
Steel grey painted blower grate, double deflector flow regulator. Direct assembly onto circular ducts.

Designation / Model	Reference	Price ex VAT
grate 625 x 75 on Ø 160 to 400 (250 m3/h)	WFA03467	109,28 €
grate 625 x 125 on Ø 315 to 900 (400 m3/h)	WFA03309	132,41 €
Regulator 625 x 75	WFA03468	69,35 €
Regulator 625 x 125	WFA03310	111,38 €

REINFORCED 600 X 400 GROUND ATE

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

Position	Designation / Model	Reference	Price ex VAT
1	Floor grate 600 x 400 (flow 1000 to 2500 m3/h)	WPA01804	498,08 €



CEILING SLOT DIFFUSER

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

Position	Designation / Model	Reference	Price ex VAT
8	2 Slot diffuser L 900 mm (250 m3/h)	WAL03030	357,28 €
9	Flexible duct Ø 160 (linear m)	WCH01183	21,65 €
10	Connection 45°, Ø 160/315	WCH01256	53,07 €
	Connection 45°, Ø 160/315	WCH01256	53,07 €
	Punching 45° Ø 160/400	WCH01260	47,60 €

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

FLEXIBLE DUCT

Position	Designation / Model	Reference	Price ex VAT
9	Flexible duct Ø 160 (linear m)	WCH01183	21,65 €
	Flexible duct Ø 200 (linear m)	WCH01185	31,53 €
	Flexible duct Ø 315 (linear m)	WCH01186	44,34 €
	Flexible duct Ø 400 (linear m)	WCH01187	60,64 €
	Flexible duct Ø 500 (linear m)	WCH01188	71,45 €

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	Price ex VAT
2	Supply grate 500 x 50 (flow 75 to 125 m3/h) reservation	WAL03029	139,76 €
	Supply grate 500 x 75 (flow 125 to 175 m3/h) reservation	WAL02750	153,42 €
	Supply grate 1000 x 50 (flow 150 to 250 m3/h) reservation	WAL02748	180,73 €
	Supply grate 1000 x 75 (flow 250 to 350 m3/h) reservation	WAL02751	195,45 €
	Supply grate 1000 x 100 (flow 350 to 500 m3/h) reservation	WAL03028	259,55 €
3	Rectangular Connection 500 x 50 Adjustable height 200 to 340 mm	WCH03691	210,16 €
	Rectangular Connection 500 x 75 Adjustable height 200 to 340 mm	WCH01219	212,26 €
	Rectangular Connection 1000 x 50 Adjustable height 200 to 340 mm	WCH01220	221,72 €
	Rectangular Connection 1000 x 75 Adjustable height 200 to 340 mm	WCH01221	231,17 €
	Rectangular Connection 1000 x 100 Adjustable height 200 to 340	WCH03692	242,74 €
4	Connection box 500 x 50 Connection Ø 160 mm	WCH03693	141,86 €
	Connection box 500 x 75 Connection Ø 160 mm	WCH01222	132,41 €
	Connection box 1000 x 50 Connection Ø 160 mm	WCH01223	166,03 €
	Connection box 1000 x 75 Connection Ø 160 mm	WCH01224	166,03 €
	Connection box 1000 x 100 Connection Ø 200 mm	WCH03000	208,06 €
5	Under-floor connection box 500 x 50 Connection Ø 160 mm	WCH03710	141,86 €
	Under-floor connection box 500 x 75 Connection Ø 160 mm	WCH03711	141,86 €
	Under-floor connection box 1000 x 50 Connection Ø 160 mm	WCH03712	166,03 €
	Under-floor connection box 1000 x 75 Connection Ø 160 mm	WCH03713	166,03 €
	Under-floor connection box 1000 x 100 Connection Ø 200 mm	WCH03714	220,67 €

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	Price ex VAT
9	Fixing accessories set	WCH03728	373,03 €
	Fixing accessories set	WCH03728	373,03 €
	Flexible anti-vibration sleeve width 150 mm (price per metre)	WCH03409	22,71 €
	Flexible anti-vibration sleeve width 150 mm (price per metre)	WCH03409	22,71 €

9

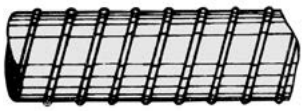
Ventilation accessories

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	Price ex VAT
Flange (flat punching 90°) Ø 315	WCH01231	30,48 €
Galvanised duct Ø 315 (lm) shipped in 2m lengths	WCH01179	36,78 €
Galvanised elbow 90°, Ø 315	WCH01201	68,30 €
Galvanised elbow 45°, Ø 315	WCH01207	48,65 €
Male sleeve Ø 315	WCH01191	11,87 €
Female sleeve Ø 315	WCH03050	11,87 €
Cap Ø 315	WCH01196	15,13 €
T 90° equal Ø 315	WCH01211	75,77 €
Reduction Ø315/250	WCH03755	36,78 €

Circular duct



Ø 400 DUCTS AND ACCESSORIES

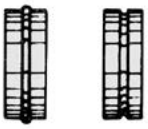
Galvanised metal elements thickness 6/10. Diameter Ø 400 for 410, 412 CAE 508. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference	Price ex VAT
Punching 45° Ø 160/400	WCH01260	47,60 €
Galvanised duct Ø 400 (ml) shipped in 2m lengths	WCH01180	59,89 €
Galvanised elbow 90° Ø 400	WCH01203	95,63 €
Galvanised elbow 45° Ø 400	WCH01208	63,89 €
Male sleeve Ø 400	WCH01192	20,60 €
Female sleeve Ø 400	WCH03051	21,65 €
Cap Ø 400	WCH01197	25,96 €
T 90° equal Ø 400	WCH01212	117,69 €
Reducer Ø 400/315	WCH01215	57,38 €

Elbow 90°

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	Price ex VAT
Galvanised duct Ø 500 (ml) shipped in 2m lengths	WCH01181	70,40 €
Galvanised elbow 90° Ø 500	WCH01204	138,71 €
Galvanised elbow 45° Ø 500	WCH01209	99,83 €
Male sleeve Ø 500	WCH01193	23,86 €
Female sleeve Ø 500	WCH03052	23,86 €
Cap Ø 500	WCH01198	35,73 €
T 90° equal Ø 500	WCH01213	191,25 €
Reducer Ø 500/400	WCH01216	104,03 €
Reducer Ø 500/315	WCH01217	102,98 €

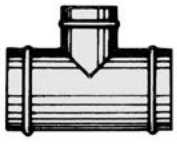
Cap

Ø 630 DUCTS AND ACCESSORIES

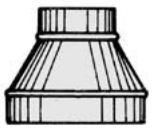
Galvanised metal elements thickness 6/10. Diameter 630, for Omega 16-20. Ducts to be installed in galleries, ceiling service area, technical facility. Plan to use PVC for buried ducts.

Designation / Model	Reference	Price ex VAT
Galvanised duct Ø 630 (ml) shipped in 2m lengths	WCH01182	92,47 €
Galvanised elbow 90° Ø 630	WCH03329	183,90 €
Galvanised elbow 45° Ø 630	WCH03424	129,24 €
Male sleeve Ø 630	WCH03325	29,21 €
Female sleeve Ø 630	WCH03720	29,21 €
Cap Ø 630	WCH03330	63,05 €
T 90° equal Ø 630	WCH03326	269,00 €
Reducer Ø 630/500	WCH03327	137,66 €
Reducer Ø 630/400	WCH03328	98,78 €

T 90° equal



Reducer



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

SET®

INTRODUCTION **p.120**

- Z600 Silent heat pump p.121

DESHUMIDIFICATION SET®

- SA 1 p.124
- SA 2 p.126
- SA 3 p.128

> A RANGE OF PREMIUM PRODUCTS

By acquiring Schmidt EnergieTechnik (SET®) in 2013, Zodiac® chose to strengthen its top-of-the-range offer by relying on **recognised expertise and know-how** in the fields of dehumidification and heating the swimming pool. Designed for the most demanding consumers, products in the Zodiac® SET® range are **made to order, for ultra-specific production with cutting-edge performance.**

> SET® HEATING

A true gold standard in heat pumps, SET® has designed an ultra-silent heat pump to heat the water in outdoor swimming pools.

Using **an optimised design combined with a variable-speed 'Green-Tech' fan,** Z600 Silent makes less noise than even the quietest dishwasher. It also meets the strictest standards relating to noise in the Swiss Canton of Basel.

> SET® DEHUMIDIFICATION

SET® dehumidification systems are cutting-edge solutions, designed to **dehumidify the air in indoor swimming pools,** whether private or public, small or large, luxury or functional.

In addition to dehumidifying the pool hall, they also renew the air while ensuring performance and energy savings.

The range of Zodiac® SET® dehumidification systems is particularly recommended for hotels, medical facilities or sports and leisure centres.

> GERMAN HIGH QUALITY

Founded at Hemmingen in Germany over 20 years ago, SET® has offered avant-garde products right from the very start, promoting **the unequalled quality and robustness of its equipment, 'Made in Germany'.**

Designed to operate sustainably, Zodiac® SET® solutions comprise Titanium heat exchangers, anodised aluminium casings and a very high quality finish.

MADE IN GERMANY

> A SIZING SERVICE AVAILABLE TO HELP YOU

Benefit from **the support of the Zodiac®** design office or size Zodiac® systems yourself on the internet using the **'BilPi' software**. To find out more, see the 'Services' section in the introduction to this catalogue.

SERVICES

REFERENCE POINT
Zodiac® offers service solutions to help you. Find these services in this catalogue using this pictogram.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Z600 Silent

+ Always the quietest
+ Industrial design, reflecting its strength
+ Made to order in Germany

2 YEAR WARRANTY

5 YEAR CONDENSER WARRANTY ANTI-CORROSION

SERVICES +

Ti 22 TITANE INSIDE

ECO-FRIENDLY

MADE IN GERMANY

	Z600 Silent MD5	Z600 Silent MD7	Z600 Silent TD7	Z600 Silent TD9	Z600 Silent TD12
PRODUCT REFERENCE					
Standard model	WH000006	WH000048	WH000007	WH000008	WH000009

EQUIPMENTS

- Horizontal blowing
- Aluminum body, reinforced acoustic protection
- Digital display
- Heating priority mode (filtration pump control)
- Automatic defrosting (cycle inversion or forced ventilation)
- Anti-freeze thermostat (minimum operating temperature: -8°C)
- HP & LP safety pressure switch
- Water flow switch
- Titanium water exchanger condenser
- Rotary vane compressor
- Thermostatic expansion valve
- Refrigerant fluid: R410A

SOUND PERFORMANCE		
Acoustic power middle (dB(A))	58	60
Acoustic pressure at 10m (dB(A))	30	32

PERFORMANCE: AIR 24°C / WATER 27°C / HUMIDITY 80%					
Operating power (kW)	**12.4**	**16.2**		**25.7**	**34.7**
Consumed power (kW)	1.83	2.38	2.35	3.93	5.18
COP	6.7	6.8		6.5	6.6
PERFORMANCE: AIR 16°C / WATER 25°C / HUMIDITY 80%					
Operating power (kW)	10.2	13.8		20.6	27.9
Consumed power (kW)	1.8	2.51	2.37	3.7	5.01
COP	5.6	5.5	5.8	5.5	5.6

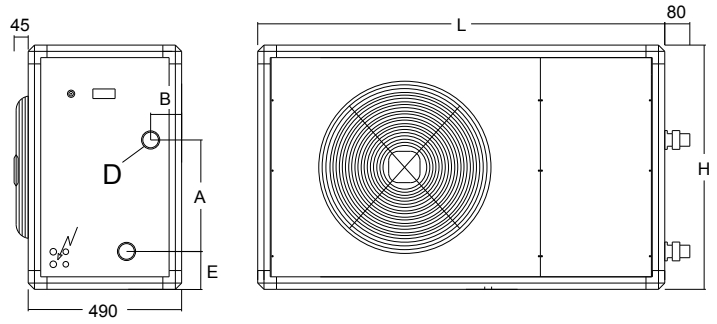
TECHNICAL SPECIFICATIONS					
Recommended pool volume* (m^3)	40-60	60-80		80-120	120-160
Average water flow (m^3/h)	8	9		15	17
Hydraulic connection	3 piece union fitting, PVC, Ø50, glued				
Electric power supply	230 V / 1 / 50Hz	230 V / 1 / 50 Hz	400 V / 3 / 50Hz		
Nominal operating power (A)	9.2	12.7	5.2	8.3	10.8
Power cable size (not included)**	3 x 2.5	3 x 4	5 x 2.5		5 x 4
Electrical protection	1P+N 16A		3P+N 16A		
Refrigerant fluid quantity (g)	0.8	1.65		1.8	2.8
Acoustic power middle (dB(A))	58			60	
Acoustic pressure at 10m (dB(A))	30			32	

*Estimated average values for a private pool with isothermal cover, from 15 May to 15 September. For year-round / indoor pool operation, check out the Bilpi sizing tool on your pro page.
**For a maximum length of 20 meters.

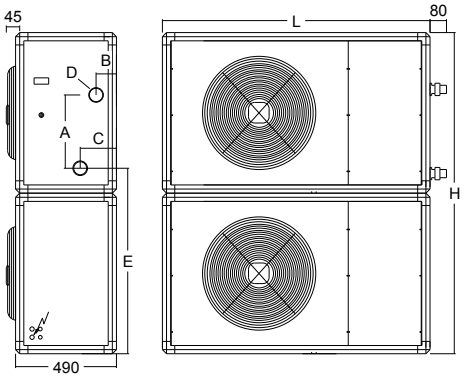
DIMENSIONS (MM) AND WEIGHT

	Z600 Silent MD5	Z600 Silent MD7	Z600 Silent TD7	Z600 Silent TD9	Z600 Silent TD12
Weight (kg)	95	106	106	180	212
L	1300	1450	1450	1450	1300
H	780	970	1940	970	1560
A	385	385	385	385	385
B	99	99	99	99	99
C	176	176	176	176	176
D	50	50	50	50	50
E	121	121	1085	121	901

Z600 Silent MD5 MD7 and TD7

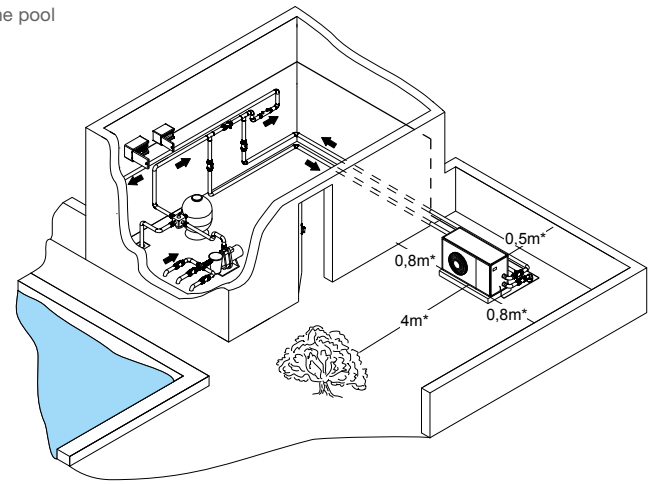


Z600 Silent TD9 and TD12



INSTALLATION

- 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.



OPTIONAL ACCESSORIES

	Cleaning kit HP	Remote control, Z600
	Specifically formultaed for evaporator cleaning. Kit includes an 5l can and a spray bottle	Transfers information and commands of the embedded interface. (Cable not provided).
reference	WMA03491	WH000221
Price	**104.04 € ex VAT**	**240.64 € ex VAT**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> DEHUMIDIFICATION SYSTEMS

Zodiac® SET® dehumidification systems treat the air of indoor swimming pools, private or public, small or large, luxury or functional, in hotels, medical facilities or sports and leisure centres.

They provide:

- **Dehumidification,**
- **Air heating,**
- **Air replacement (or ventilation):** extraction of stale air and introduction of fresh air into the pool hall and, if necessary, adjoining spaces.

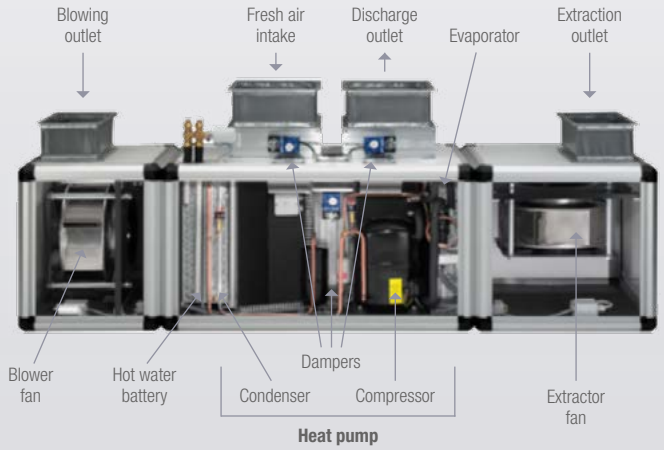
As an option, they can also be equipped with a **water-cooled condenser to heat the water in the pool.**

> DESCRIPTION

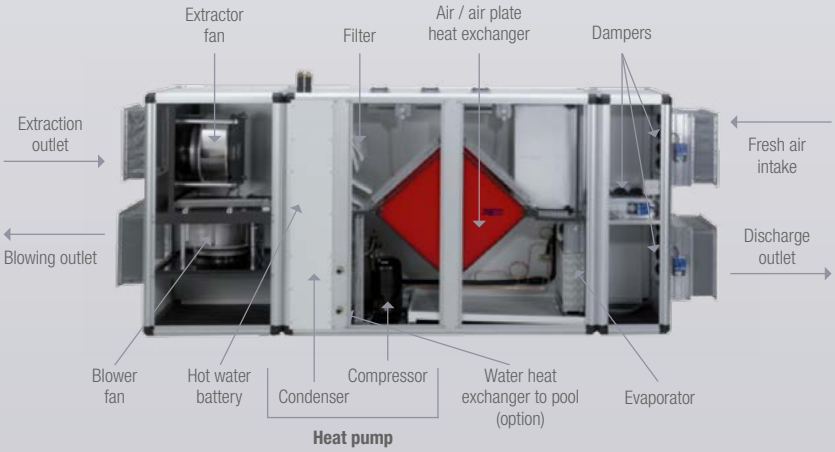
With modular construction (easy to transport) and an aluminium profile frame with insulated panels, dehumidification systems are equipped with:

- A heat pump,
- A hot water battery,
- Low power direct current fans,
- Filters,
- Motorised dampers,
- Complete regulation performing control and regulation functions, with LCD screen.

SA1 SYSTEM



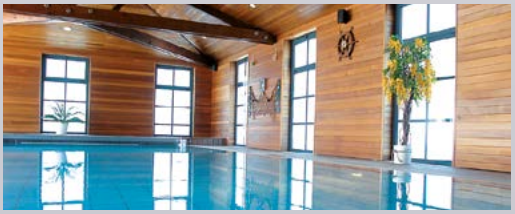
SA2 / SA3 SYSTEM



> DESCRIPTION

The SA2 and SA3 ranges are **also equipped with a EUROVENT-certified counter-current heat exchanger,** recovering up to 75% of the energy in the extracted air and so reducing the energy consumption needed to dehumidify, heat and renew the air in the swimming pool.

SELECTION GUIDE	SA1	SA2	SA3
Dehumidification capacity	< 38 L / h	< 38 L / h	< 159 L / h
Air renewal	•	•	•
Air / air heat exchanger		•	•
Integrated hot water battery	•	•	•
Swimming pool condenser (option)	•	•	•



SA 1 Ducted dehumidification unit

+ Modular unit available for 6 capacities (6 to 38 L/h)
+ Operating mode managed automatically, including fresh air introduction
+ Top-of-the-range equipment
+ Water heating option (water condenser)

2 YEAR WARRANTY

SERVICES +

ECO-FRIENDLY

Product offered for sale on the «pool dealer» channel

	SA1010	SA1020	SA1028	SA1040	SA1050	SA1060
PRODUCT REFERENCE						
Standard model	WD001006	WD001010	WD001014	WD001018	WD001022	WD001026
Standard model with water condenser	WD001007	WD001011	WD001015	WD001019	WD001023	WD001027
Mirror model	WD001008	WD001012	WD001016	WD001020	WD001024	WD001028
Mirror model with water condenser	WD001009	WD001013	WD001017	WD001021	WD001025	WD001029
Clock option	WD001054					
Filter detection model	WD001055A					

Our design office is ready to propose the dehumidifcation unit, specifically dimensioned for your project, with its equipment. You'll gain a complete calculation of your installation and the best dehumidification solution on request : BE@zodiac.com

EQUIPMENT

- Heat pump, R407C refrigerant
- Low energy, direct current fans (EC)
- Aluminium profile frame with insulated panel
- Microprocessor control and regulation unit
- Motorised dampers to control air flow
- Temperature and humidity sensors
- Hot water battery with regulating valve
- noise-suppressing mounts

As fitted option:

- Titanium condenser to heat the pool water, clock
- Clock to program bathing and resting times
- Filter detection to indicate filter clogging

TECHNICAL SPECIFICATIONS

Capacity as per VDI2089 (litre/hr)	6.3	12.7	17.8	25.4	31.8	38.1
Recycling capacity (litre/hr)	3.3	4.1	6.1	10.1	11.5	13.8
Air flow rate (m^3/h)	1000	2000	2800	4000	5000	6000
Proportion of fresh air (%)	0-100					
Available pressure at air outlet	240			350		
Available pressure at the air intake	260	240		400		
Maximum absorbed power (kW)	2.5	3.3		5.2	5.9	6.4
Power returned in recycling (kW)	3.9	4.8	7.1	9.7	11.4	13.6
Power of hot water battery (80/60°C) (kW)	10	17.3	20.2	45.8	53	58
Flow rate of hot water battery (80/60°C) (m^3/h)	0.45	0.9		2	2.3	2.6
Pressure drop of hot water battery (80/60°C) (kPa)	5	10		16		
Electricity supply	400V / 3N / 50Hz					
Current fuse (A)	3 x 10	3 x 16	3 x 20			3 x 25
Sound pressure at 1m (dB(A))	55	61	63	81		84

* caractéristiques aux conditions nominales suivantes : air 30°C, hygrométrie 60-80%

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

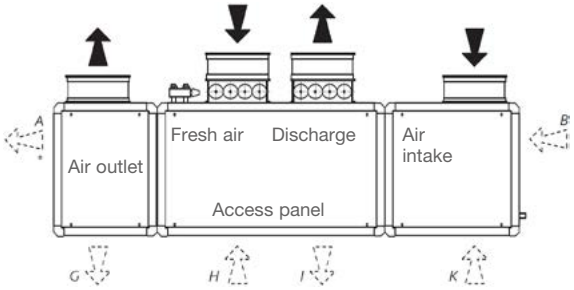
DIMENSIONS AND WEIGHT

	SA1010	SA1020	SA1028	SA1040	SA1050	SA1060
Overall dimensions (L x W x H in mm)	2240x740x640	2880x790x740		3825x985x985	3825x1185x985	
Maximum delivery dimensions (L x W x H in mm)	1100x740x640	1400x790x740		2100x985x985	2100x1185x985	
Model weight (kg) without options fitted	130	210	220	420	450	470

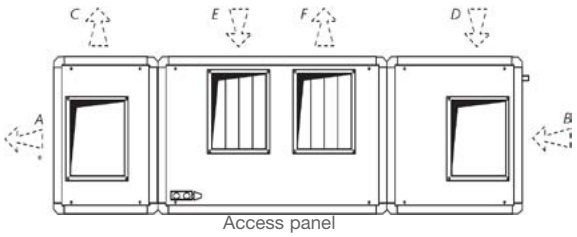
TAPPING OPTIONS

Intake, outlet, fresh air intake and air discharge tappings can be connected in different positions. To be specified with the order.

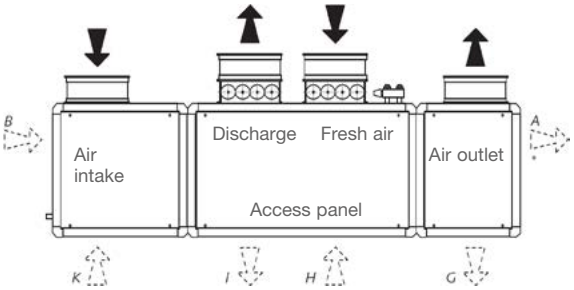
Standard model



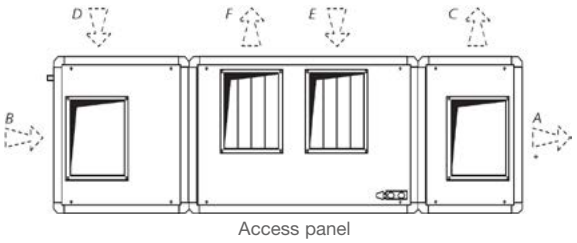
View from above



Mirror model



View from above



* +150 mm length

	side	rear	bottom
Air outlet	A	C	G
Fresh air	-	E	H
Air intake	B	D	K
Discharge		F	I

SET®

SA 2 Ducted dehumidification unit avec échangeur air/air

+ Modular unit with double air intake/air outlet heat exchanger available for 6 capacities (7 to 38 L/h)
+ Operating mode managed automatically, including fresh air introduction
+ Top-of-the-range equipment
+ Water heating option (water condenser)

2 YEAR WARRANTY

SERVICES+ ECO-FRIENDLY ENERGY SAVING

Product offered for sale on the «pool dealer» channel

	SA2012	SA2028	SA2032	SA2040	SA2050	SA2060
PRODUCT REFERENCE						
Standard model	WD001030	WD001032	WD001034	WD001036	WD001038	WD001040
Standard model with water condenser	WD001031	WD001033	WD001035	WD001037	WD001039	WD001041
Clock option	WD001054					
Filter detection model	WD001055A					

Notre bureau d'études est à votre service pour vous proposer la centrale de déshumidification, dimensionnée spécifiquement pour votre projet, et ses equipment.
Vous disposerez ainsi d'une étude complète de votre installation et de la solution de déshumidification adaptée en nous contactant : BE@zodiac.com

EQUIPMENT

- Heat pump, R407C refrigerant
- Low energy, direct current fans (EC)
- Aluminium profile frame with insulated panel
- Double reverse-flow plate heat exchanger, EUROVENT certified, with plastic-coated aluminium plates and bypass
- Microprocessor control and regulation unit
- Motorised dampers to control air flow
- Temperature and humidity sensors
- Hot water battery with regulating valve
- noise-suppressing mounts

As fitted option:

- Titanium condenser to heat the pool water, clock
- Clock to program bathing and resting times
- Filter detection to indicate filter clogging

TECHNICAL SPECIFICATIONS

Capacity as per VDI2089 (litre/hr)	7.6	17.8	20.3	25.4	31.8	38.1
Recycling capacity (litre/hr)	3.6	6.4	9.6	10.1	11.5	13.8
Air flow rate (m^3/h)	1200	2800	3200	4000	5000	6000
Proportion of fresh air (%)	0-100					
Reverse-flow heat exchanger efficiency (8°C/80%-28°C/60%)	61	69		66		
Available pressure at air outlet	220	240		400		
Available pressure at the air intake	270	260		400		
Maximum absorbed power (kW)	2.2	3.4	3.8	5.2	5.9	6.4
Power returned in recycling (kW)	3.7	6.4	9.3	9.7	11.4	13.6
Power of hot water battery (80/60°C) (kW)	11.2	21	24	45.8	53	58
Flow rate of hot water battery (80/60°C) (m^3/h)	0.43	1		2	2.3	2.6
Pressure drop of hot water battery (80/60°C) (kPa)	5	14		16		
Electricity supply	400V / 3N / 50Hz					
Current fuse (A)	3x10	3x16	3x20			3x25
Sound pressure at 1m (dB(A))	55	75		81		84

* caractéristiques aux conditions nominales suivantes : air 30°C, hygrométrie 60-80%

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

DIMENSIONS AND WEIGHT

	SA2012	SA2028	SA2032	SA2040	SA2050	SA2060
Overall dimensions (L x W x H in mm)	2640x740x1236	2845x790x1436		3170x985x1970	3170x1185x1970	
Maximum delivery dimensions (L x W x H in mm)	1500x740x1236	1700x790x1436		1970x985x1970	1970x1185x1970	
Model weight (kg) without options fitted	330	350	400	420	450	470

SA 3 Ducted dehumidification unit avec échangeur air/air

+ Modular unit with double air intake/air outlet heat exchanger available for 6 capacities (44 to 159 L/h)
+ Operating mode managed automatically, including fresh air introduction
+ Top-of-the-range equipment
+ Water heating option (water condenser)

2 YEAR WARRANTY

SERVICES+ ECO-FRIENDLY ENERGY SAVING

Product offered for sale on the «pool dealer» channel

	SA3070	SA3100	SA3125	SA3160	SA3190	SA3250
PRODUCT REFERENCE						
Standard model	WD001042	WD001044	WD001046	WD001048	WD001050	WD001052
Standard model with water condenser	WD001043	WD001045	WD001047	WD001049	WD001051	WD001053
Clock option	WD001054					
Filter detection model	WD001055A					

Notre bureau d'études est à votre service pour vous proposer la centrale de déshumidification, dimensionnée spécifiquement pour votre projet, et ses equipment.
Vous disposerez ainsi d'une étude complète de votre installation et de la solution de déshumidification adaptée en nous contactant : BE@zodiac.com

EQUIPMENT

- Heat pump, R407C refrigerant
- Low energy, direct current fans (EC)
- Aluminium profile frame with insulated panel
- Double reverse-flow plate heat exchanger, EUROVENT certified, with plastic-coated aluminium plates and bypass
- Microprocessor control and regulation unit
- Motorised dampers to control air flow
- Temperature and humidity sensors
- Hot water battery with regulating valve
- noise-suppressing mounts

As fitted option:

- Titanium condenser to heat the pool water, clock
- Clock to program bathing and resting times
- Filter detection to indicate filter clogging

TECHNICAL SPECIFICATIONS

Capacity as per VDI2089 (litre/hr)	44.5	63.6	79.5	101.7	120.8	159
Recycling capacity (litre/hr)	14	21.2	23	33.3	38.7	55.8
Air flow rate (m^3/h)	7000	10000	12500	16000	19000	25000
Proportion of fresh air (%)	0-100					
Reverse-flow heat exchanger efficiency (8°C/80%-28°C/60%)	76		69	72		73
Available pressure at air outlet	400					
Available pressure at the air intake	400					
Maximum absorbed power (kW)	8.7	15	16.5	23	31	39.5
Power returned in recycling (kW)	12.9	18.9	21.2	30.6	36.6	51.6
Power of hot water battery (80/60°C) (kW)	58	91	114	146	174	228
Flow rate of hot water battery (80/60°C) (m^3/h)	3.9		4.9	6.2	7.4	9.8
Pressure drop of hot water battery (80/60°C) (kPa)	11				20	24
Electricity supply	400V / 3N / 50Hz					
Current fuse (A)	3x35	3 x 50	3x50	3x63	3x100	3x125
Sound pressure at 1m (dB(A))	86	88	87	90	96	90

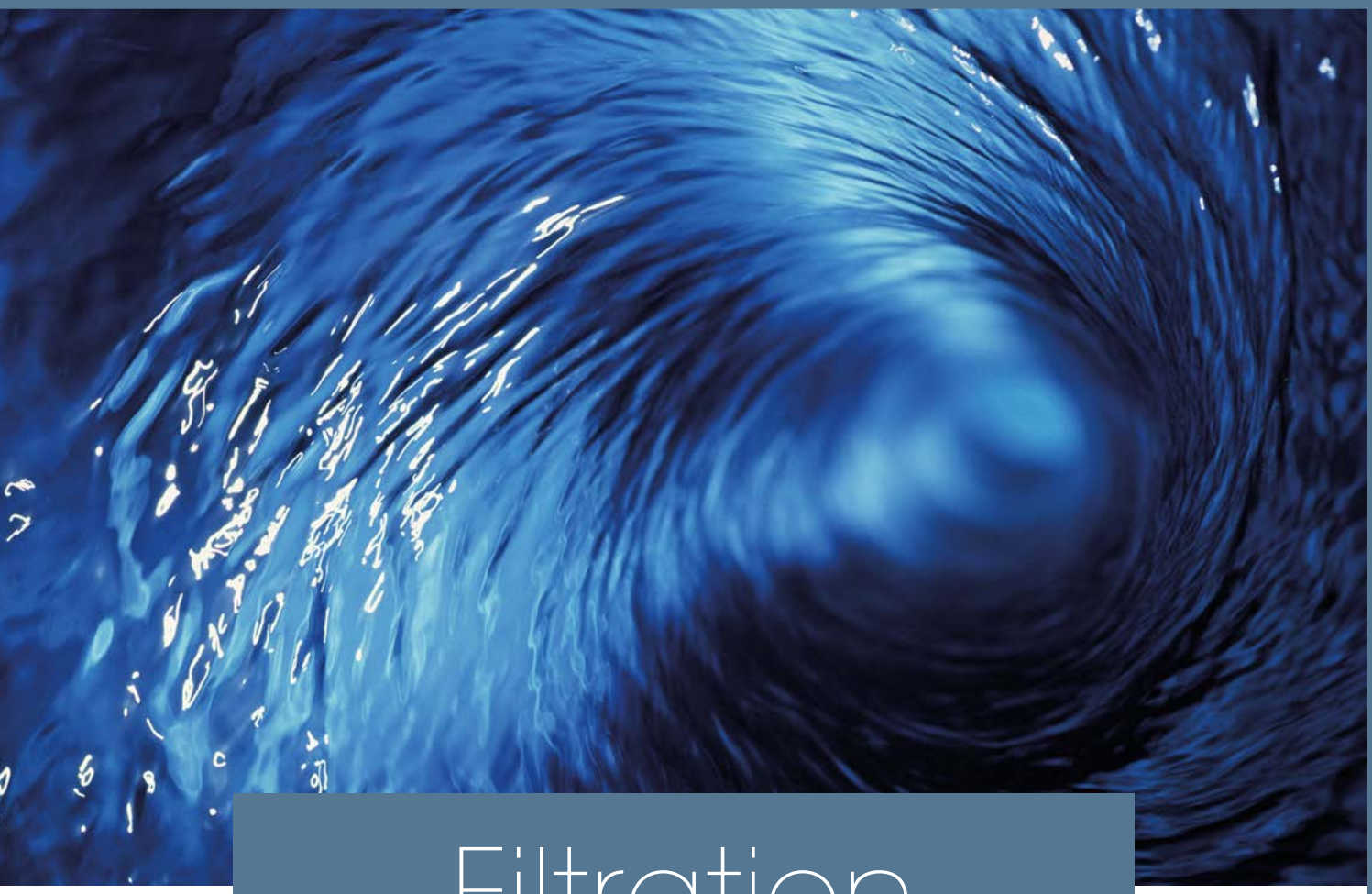
* caractéristiques aux conditions nominales suivantes : air 30°C, hygrométrie 60-80%

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

DIMENSIONS AND WEIGHT

	SA3070	SA3100	SA3125	SA3160	SA3190	SA3250
Overall dimensions (L x W x H in mm)	5550x1050x2200		5550x1350x2200	5790x1350x2800	5910x1680x2800	7110x1680x3460
Maximum delivery dimensions (L x W x H in mm)	2730x1050x2200		2730x1350x2200	2970x1350x2800	2970x1680x2800	3210x1680x3460
Model weight (kg) without options fitted	1400	1760	1950	2100	2300	3550

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019



Filtration

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PUMPS	**p.136**
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• FloPro™ e3	p.140
• FloPro™ VS	p.142
• iQPUMP	p.144
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• MS	p.148
• Crystal Clear	p.150
DESIGN	**p.151**
• NL	p.153
• PowerFall	p.156

> ZODIAC® FILTRATION, A RANGE DESIGNED FOR YOU

Zodiac® is expanding its pool equipment solution by offering a complete range of pumps and filters.

Using Zodiac® expertise that has been proven on the American and Australian markets, **this range has been designed with your needs in mind, to help you give customer satisfaction**.

> A SOLUTION ADAPTED TO EVERY NEED

• PUMPS

FloPro™ VS
Variable speed pump
8 speeds for maximum energy efficiency

iQPUMP
Wi-Fi device for FloPro™ VS
Zodiac® innovation :
Connected pump for intuitive control from your smartphone

FloPro™ e3
Variable-speed pump
Simple and energy efficient

FloPro™
Single-speed pump
A range of long-lasting and efficient pumps

• FILTERS

CS
Cartridge filters
Eco-friendly cartridge filters for the finest filtration

MS
Polyester filters
A range of efficient and long-lasting premium media filters

NEW FOR 2019

CRYSTAL CLEAR
Glass filter media
Filter glass that is suitable for any type of sand filter for crystal clear water

BUILT TO LAST

The filtration system is the heart of a pool, so it is of the utmost importance that it is built-to-last.

> QUALITY THAT STANDS THE TEST OF TIME

The Zodiac® group has been specialising in the manufacture of filtration equipment for many years.

- **A leading group:** Zodiac® filters and pumps are available throughout the world.
- **Market expertise**: technology that has been sold for 10 years in the United States and 9 years in Australia.
- **Highly reliable:** long-term customer satisfaction.

APPROVED QUALITY APPROVED

> QUALITY THAT HAS BEEN CHECKED IN OUR LABORATORIES

Products in our filtration range undergo endurance testing in our laboratories in France and Europe before they are released.

600,000+ hours of tests were carried out on engines and wear parts before the launch of the European range.

> QUALITY GUARANTEED

- **3-year warranty** on pumps, filters **and all parts,** including wear parts.
- **5-year warranty** on filter tanks.

3 YEAR WARRANTY ALL PARTS

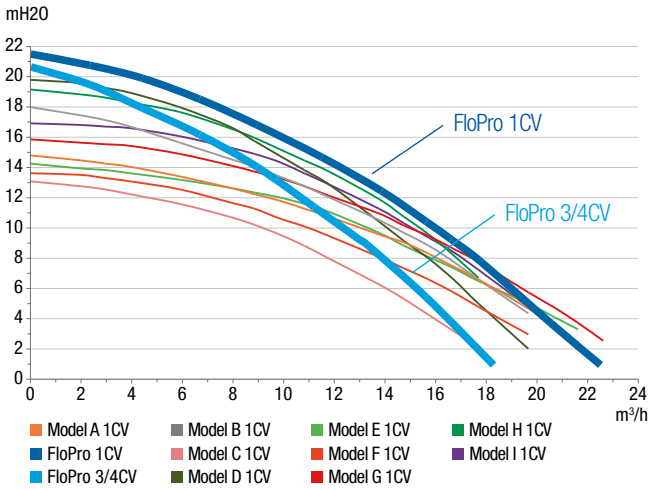
UP TO 10 YEAR WARRANTY ON TANKS

> INCREASED HYDRAULIC EFFICIENCY

FloPro™ pumps are among the best performing in their category thanks to a high water flow to power ratio.

As proof, the 3/4 HP (75M) FloPro™ pump provides water flow similar to that of numerous 1 HP* pumps on the market.

The outcome is up to 25% energy savings for exactly the same results.



* Comparison based on performance graphs published by manufacturers.

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
Calpeda® : MPC 11, 21, 31 & 41 (without base) **Hayward® :** TriStar, SuperPump, Max-Flo XL, Max-Flo, SuperPool, SuPerPool II, Super II, RS II **Kripsol® :** Koral-KSE / KSV, Caribe-CK, Ondina-OK, Epsilon-EP, Prime-KPR / KPRV, KS Evo, KSX Pro **KSB® :** Filtra N **Pentair® :** SuperFlo **Procopi® :** Eurostar II, Eurostar Eco Touch Pro **PSH® :** Mini.3, Lia S, ND.1, ND.2 **Saci® :** Optima **Speck :** BADU Bettar / TOP / Magna, BADU Gamma, BADU Eco Touch-Pro / Eco Soft, BADU90, BADU Prime / Prime Eco VS **StaRite® :** SuperMax, S5P1R **Waterco® :** Aquamite, Supatuf	**A** FloPro™, without base
Aqua Technix® : Aqua Master **DAB® :** Swim, Euroswim & Europro 50, 75 & 100, E-Swim **Espa® :** Silen Plus 1M, Silen Plus 2M / 3M, Silen S, Silen S2, Silver **Majestic® :** Master **Saci® :** Winner, [e]Winner **Speck® :** BADU Profi **Waterco® :** Supasteam	**B** FloPro™ + thin base
AstralPool® : Europa **Davey® :** Silensor SLS, Silensor SLL, SilensorPro VSD200, SilensorPro VSD400 **Pentair® :** UltraFlow, UltraFlow Plus, Max-E-ProXF, 5PXF **Speck® :** BADU EasyFit **Starite® :** Ultra-Glas, S5P3R	**C** FloPro™ + thin base + spacing
AstralPool® : Victoria Plus, Victoria Plus Silent, Glass Plus, Discovery, Niagara **Calpeda® :** MPC 11, 21, 31 & 41 (avec son socle) **Pentair® :** Challenger, WhisperFlo **StaRite® :** WhisperPro, S5P5R	**D** FloPro™ + thick base
StaRite® : 5P2R, S5P2R, 5P6R, SW5P6R, Max-E-Pro **Waterco® :** Lacronite, Lacronite ECO-V	**E** FloPro™ + thick + thin base

DESIGNED TO ATTRACT YOUR CLIENTS

Our filtration 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 on pumps and filters, and all parts, including wear parts (mechanical interiors, pre-filter basket, joints, filter screens, etc.).
- 5-year warranty on filter tanks.

3 YEAR WARRANTY ALL PARTS

10 UP TO YEAR WARRANTY ON TANKS

> 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.

LARGE CAPACITY

UP TO 117% LARGER

> 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 meyears you can use less powerful models (depending on the dimensions).

ECO FRIENDLY

> DEDICATED SERVICES

Our filtration range is combined with a system of dedicated and exclusive services for optimal response time:

Customer service hotline
Calls are given priority with a dedicated team of filtration experts.

After sales requests
Requests are given priority and parts or products are replaced within 24 hours.

Dispatch
Replacement parts are sent and products under warranty are dispatched and returned by prepaid postage.

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

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.
It 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 YEAR WARRANTY
LOW NOISE LEVEL
ENERGY SAVING
ECO FRIENDLY
LARGE CAPACITY
EASY MAINTENANCE
EASY RETROFIT

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).

MIN MAX 0-3450 RPM

iAquaLink CONTROL

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.

Available on the App Store

ANDROID APP ON Google play

* 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)

> 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 synchronous 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

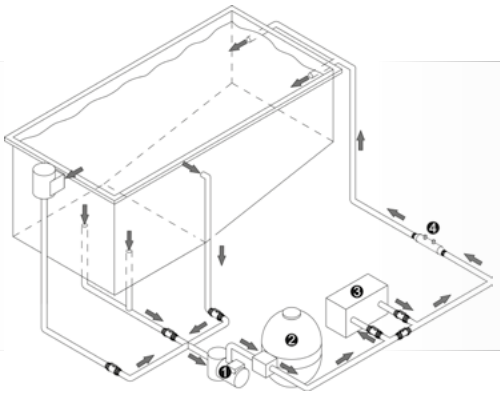
LARGE CAPACITY

EASY MAINTENANCE

EASY RETROFIT

STANDARD INSTALLATION

1. FloPro™ pump
2. Boreal 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 m^3		80 m^3	Up to 150 m^3
Optimum efficiency	30-80 m^3		15-60 m^3	N/A
Removable user interface	•		•	
Dry contacts control	•			
Compatible with Zodiac® AquaLink® TRi automation	Possible	•		
Compatible with iQPUMP (smartphone control)	Possible	•		

FloPro™ - Single speed

Filtration > Pumps > FloPro™

+ Built to last
+ High efficiency
+ Silent

ALL TYPES OF SWIMMING POOLS | EASY RETROFIT | ENERGY SAVING

3 YEAR WARRANTY

Product offered for sale on the «pool dealer» channel

	FloPro™ 50M	FloPro™ 75M	FloPro™ 75T	FloPro™ 100M	FloPro™ 100T	FloPro™ 150M	FloPro™ 150T	FloPro™ 200M	FloPro™ 200T
PRODUCT REFERENCE									
Standard model	WP000057	WP000058	WP000059	WP000060	WP000061	WP000062	WP000063	WP000064	WP000065

ACCESSORIES INCLUDED IN THE PACK

63/50mm union tailpieces

DESCRIPTION

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

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	Single phase		3-phase	Single phase	3-phase	Single phase	3-phase	Single phase	3-phase
Flow rate at 10m head (m^3/h)	10,3 m^3/h	13,2 m^3/h		15,8 m^3/h		20,8 m^3/h		27 m^3/h	
Maximum flow rate (m^3/h)	16,8 m^3/h	18,6 m^3/h		22,9 m^3/h		27,4 m^3/h		35,5m^3/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

9 317545 018287 — FloPro™ 50M

9 317545 018294 — FloPro™ 75M

9 317545 018300 — FloPro™ 75T

9 317545 018317 — FloPro™ 100M

9 317545 018324 — FloPro™ 100T

9 317545 018331 — FloPro™ 150M

9 317545 018348 — FloPro™ 150T

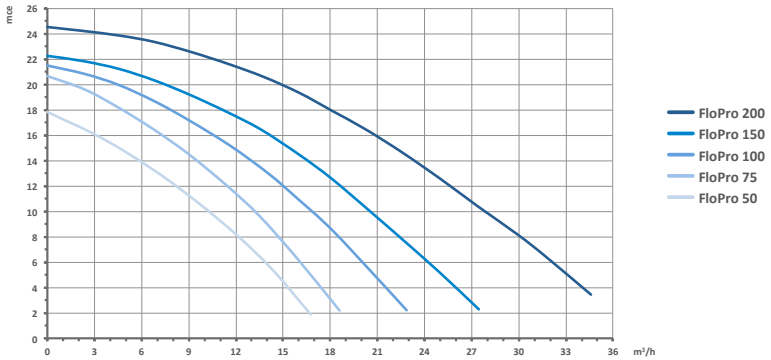
9 317545 018355 — FloPro™ 200M

9 317545 018362 — FloPro™ 200T

ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

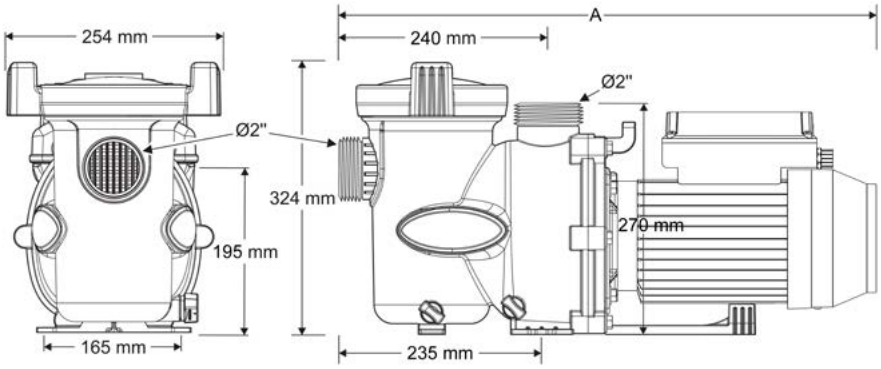
PERFORMANCE

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

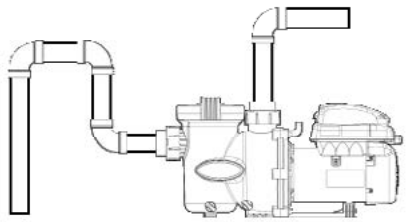


DIMENSIONS AND WEIGHT

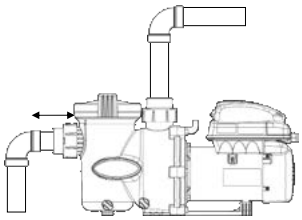
	FloPro™ 50M	FloPro™ 75M	FloPro™ 75T	FloPro™ 100M	FloPro™ 100T	FloPro™ 150M	FloPro™ 150T	FloPro™ 200M	FloPro™ 200T
Length A	58,3 cm		54,3 cm	58,3 cm	55,3 cm	58,3 cm	56,8 cm	58,3 cm	
Height	32,4 cm (without pump base)								
Width	25,4 cm								
Weight (pump only)	16 kg	17 kg			18 kg	19 kg	20 kg	21 kg	



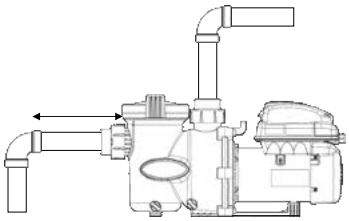
INSTALLATION



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)

Spare parts p.288

OPTIONAL ACCESSORIES

ASSOCIATED PRODUCTS

	Thin pump base	Large pump base	CS Cartridge Filter	MS Filter
reference	R0486701	R0546401	WF000024/25	WF000094/95/96/97 & 98
ex VAT Price	**26,28 €**	**21,01 €**		

FloPro™ e3 - Variable speed

+ Guaranteed energy savings
+ Ultra-silent
+ The variable speed essentials, for all pools up to 80m3

ALL TYPES OF SWIMMING POOLS | EASY RETROFIT | ENERGY SAVING | ECO-FRIENDLY | LOW NOISE LEVEL

3 YEAR WARRANTY

Product offered for sale on the «pool dealer» channel

	FloPro™ e3 100
PRODUCT REFERENCE	
Standard model	WP000053

ACCESSORIES INCLUDED IN THE PACK

63/50mm union tailpieces

DESCRIPTION	
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	
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
Power supply	220-240 VAC - 50 Hz
Flow rate at 10m head (m^3/h)	16,3 m^3/h (at 2850 RPM)
Maximum flow rate (m^3/h)	22,4 m^3/h
Maximum manometric Head (m)	19,1 m
Maximum water temperature	35 °C
Speeds	1000 - 2850 RPM (adjsutable by 50 RPM increments)
Protection rating	IPX5

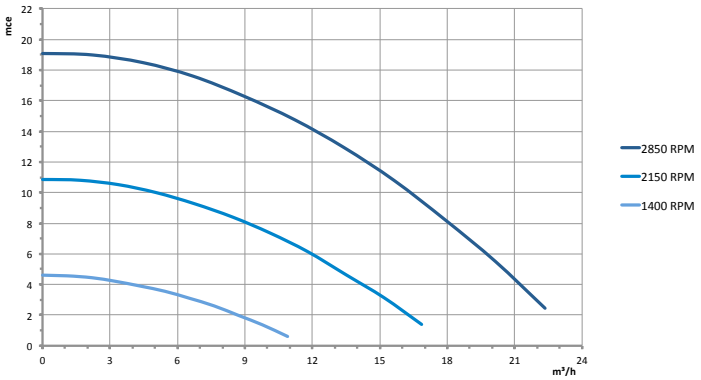
*: ECM = Electronically Commutated Motor
**: Totally-Enclosed Fan-Cooled

9 317545 017914

ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

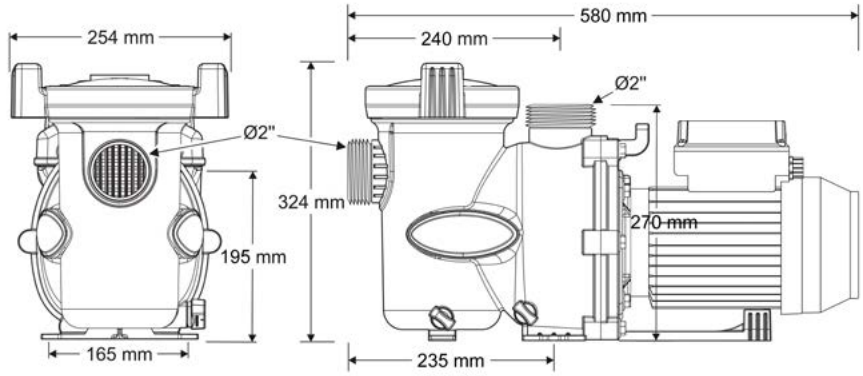
PERFORMANCE

- 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.

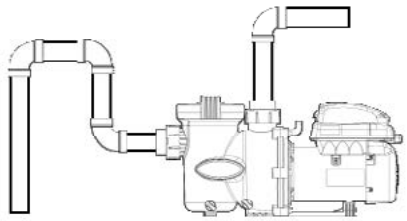


DIMENSIONS AND WEIGHT

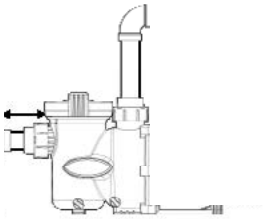
Length	58 cm
Height	32,4 cm (without pump base)
Width	25,4 cm
Weight (pump only)	10 kg



INSTALLATION



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



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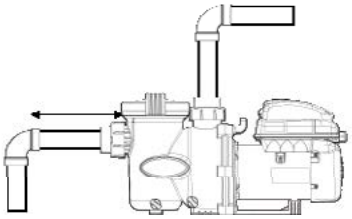


Correct: Length of suction pipe = 4 x pipe diameter (20 cm for 50 mm and 25 cm for 63 mm).

Spare parts p.290

OPTIONAL ACCESSORIES

ASSOCIATED PRODUCTS

	Thin pump base	Large pump base	CS Cartridge Filter	MS Filter
reference	R0486701	R0546401	WF000024/25	WF000094/95/96/97 & 98
ex VAT Price	**26,28 €**	**21,01 €**		

FloPro™ VS - Variable speed

Filtration > Pumps > FloPro™ VS

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

3 YEAR WARRANTY

ALL TYPES OF SWIMMING POOLS · EASY RETROFIT · ENERGY SAVING · ECO-FRIENDLY · LOW NOISE LEVEL · iAquaLink COMPATIBLE · MagnaPool ECOSYSTEM

Product offered for sale on the «pool dealer» channel

	FloPro™ VS	FloPro™ VS AUT
PRODUCT REFERENCE		
Standard model	WP000003	WP000079

ACCESSORIES INCLUDED IN THE PACK

Wall mounting kit (standard Flo-Pro™ VS only)

Thin pump base

Large pump base

63/50mm union tailpieces

DESCRIPTION		
User interface	1-line LCD screen (blue)	1-line LCD screen (blue)
Langues	6 (FR-EN-ES-DE-IT-NL)	6 (FR-EN-ES-DE-IT-NL)
Operating mode(s)	Autonomous, connected to Zodiac® automation, external control by dry contacts	Autonomous, connected to Zodiac® automation, external control by dry contacts
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		
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 HP / 1,23 kW	
Output power Kw (P2)	1.23	
Power supply	220-240 VAC - 50/60 Hz	
Flow rate at 10m head (m^3/h)	24,1 m3/h (at 3450 RPM)	
Maximum flow rate (m^3/h)	30,7 m^3/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	
Connections for external controls	RS485 for connection to AquaLink® TRi or iQPUMP, dry contact for external activation (speeds 1 to 4)	RS485 for connection to AquaLink® TRi or iQPUMP

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

9 317545 023991 FloPro™ VS

9 317545 021102 FloPro™ VS AUT

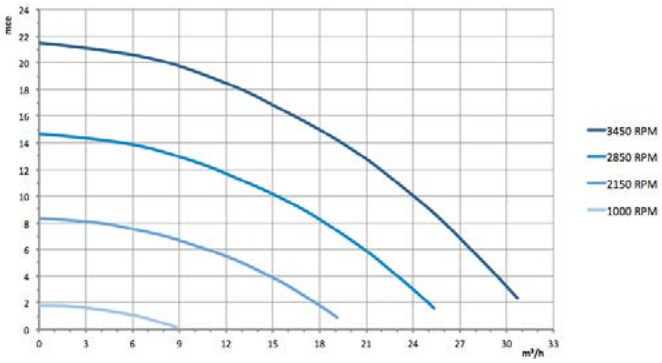
ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

1 RANGE, 3 SOLUTIONS

I WANT A CONNECTED POOL		I WANT A CONNECTED POOL		I WANT A PUMP ONLY
Pump model	Remote control	Pump model	Remote control	
FloPro™ VS AUT	AquaLink® TRi	FloPro™ VS AUT	iQPUMP	FloPro™ VS
WP000079	WA000016	WP000079	WA000017	WP000003

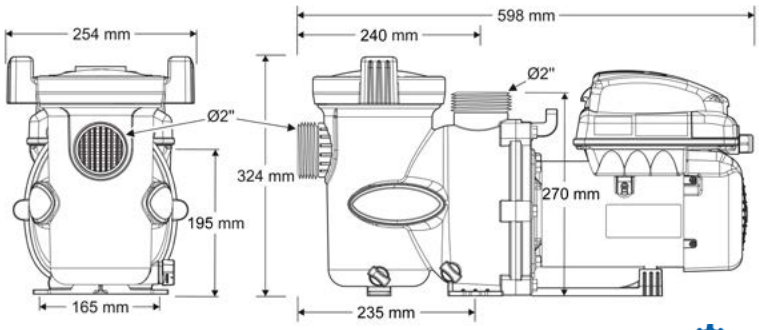
PERFORMANCE

- 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

Length	59,8 cm
Height	32,4 cm (without pump base)
Width	25,4 cm
Weight (pump only)	17 kg



Spare parts p.292

ASSOCIATED PRODUCTS

AquaLink® TRi	iQPUMP	CS Filter	MS Filter
WA000016	WA000017	WF000024/25	WF000094/95/96/97 & 98

iQPUMP

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

Product offered for sale on the «pool dealer» channel

	iQPUMP
PRODUCT REFERENCE	
Standard model	WA000017

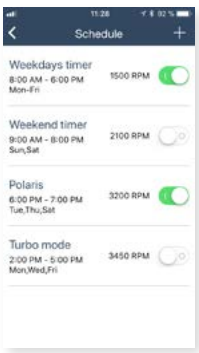
ACCESSORIES INCLUDED IN THE PACK

Wall mounting kit

DESCRIPTION	
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(tm) 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	
Wi-Fi connectivity	Wi-Fi 802.11b/g/n/ac *
Wi-Fi range	Up to 150 m **
Length A câble RS485	4,3 m
Protection rating	IPX4
Installation	Indoor or outdoor under a shelter
Dimensions (l x h x p)	13,7 x 31,0 x 3,2 cm
Power supply	Connected to the pump FloPro™ VS (RS485 cable provided)

* : 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.



ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

9 317545 020648

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, a filter 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 · NEW FOR 2019

COMPARATIVE TABLE OF THE RANGE

	CS Eco-friendly cartridge filters for fine filtration	MS Simple and long-lasting sand filters
Warranty	5 years (tank) / 3 years	10 years (tank) / 3 years
Easy installation	Yes (VersaPlumb® kit)	N/A
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 m^3	170 m^3
Pressure gauge	Yes	Yes
Multiway valve	N/A	Yes
Drain	Yes (+ connection kit)	Yes, double (media + water)

CS - Cartridge filter

Filtration > Filter > CS

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

ALL TYPES OF SWIMMING POOLS | FINE FILTRATION | ECO-FRIENDLY

3 YEAR WARRANTY

5 YEAR WARRANTY ON TANK

Product offered for sale on the «pool dealer» channel

	CS 100	CS 150
PRODUCT REFERENCE		
Standard model	WF000024	WF000025

ACCESSORIES INCLUDED IN THE PACK

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

DESCRIPTION	
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		
Filtration capacity m (8 h/day)	130	170
Max flow rate (m^3/h)	22.7	34.1
Filtration area (m^2)	9.3	14
Cartridge layers number	143	215
Filtration speed ($m^3/h/m^2$)	2.4	2.1
Filtration speed at 1 m/s	0,64 $m^3/h/m^2$	
Working pressure (bar or kg/cm^2)	0,2 - 0,8 (variable speed pump); 0,4 - 1,2 (single speed pump)	
Maximum pressure (bar ou kg/cm^2)	3.5	

9 317545 020525

CS 100

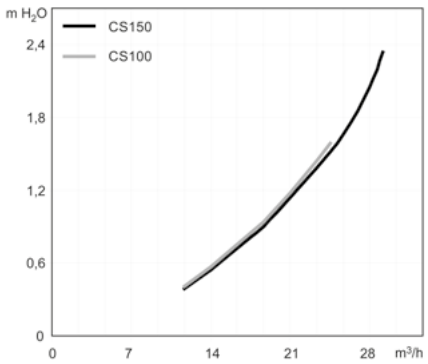
9 317545 020532

CS 150

ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

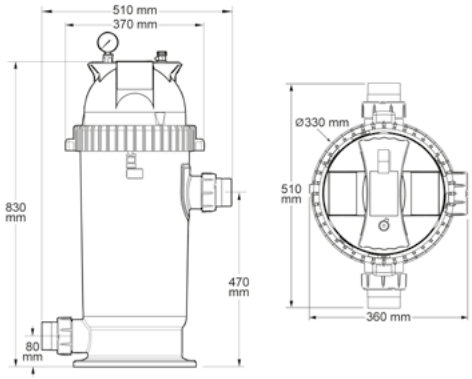
HEAD LOSS CURVES

- CS filter head losses expressed in meters of water: 1 m H_2O = 0.1 bar



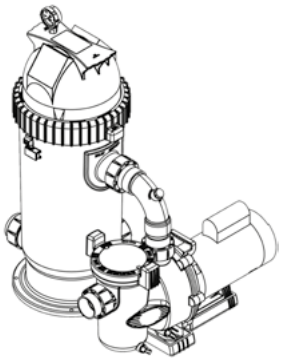
DIMENSIONS AND WEIGHT

	CS 100	CS 150
Footprint (filter foot diameter)	33 cm	
Overall height (with pressure gauge)	92 cm	
Needed clearance (to replace cartridge)	43 cm above the filter	
Weight (filter + cartridge)	14 kg	13 kg



INSTALLATION WITH VERSA PLUMB® KIT

- 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).



Spare parts p.294

OPTIONAL ACCESSORIES

ASSOCIATED PRODUCTS

	VersaPlumb® Kit	Cartridge CS 100	Cartridge CS 150
reference	WF000026	R0462201	R0462301
ex VAT Price	**50,99 €**	**106,09 €**	**152,27 €**

MS - Media filter

+ Easy to install
+ Efficient filtration
+ Easy maintenance

NEW FOR 2019 | ALL TYPES OF SWIMMING POOLS | EASY INSTALLATION | MagnaPool ECOSYSTEM

3 YEAR WARRANTY

10 YEAR WARRANTY ON TANK

Product offered for sale on the «pool dealer» channel

	MS 470	MS 530	MS 650	MS 800	MS 950
PRODUCT REFERENCE					
Standard model	WF000094	WF000095	WF000096	WF000097	WF000098

ACCESSORIES INCLUDED IN THE PACK

"Classic" multiport valve kit

Pressure gauge & air relief kit

Bolts kit

Media filling cap

DESCRIPTION	
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" cm (water) / 2 ½" (filter media, except for MS 470)

TECHNICAL SPECIFICATIONS					
Tank diameter (mm)	475	532	645	798	950
Max flow rate (m^3/h)*	8.0	10.2	15.8	23.3	30.0
Filtering area (m^2)	0.16	0.2	0.32	0.47	0.66
Diameter of threaded connections	1 ½"			2"	
Total weight of Crystal Clear	75	90	135	270	435
Nbr of bags - Crystal Clear 1.0/3.0 mm	1		2	3	5
Nbr of bags - Crystal Clear 0.7/1.3 mm	4	5	7	15	17
Total weight of sand	85	100	160	310	485
Working pressure (bar or kg/cm^2)	0,2 - 0,8 (variable speed pump); 0,4 - 1,4 (single speed pump)				
Maximum pressure (bar or kg/cm^2)	2.5				

* : For a 50 $m^3/h/m^2$ filtration speed

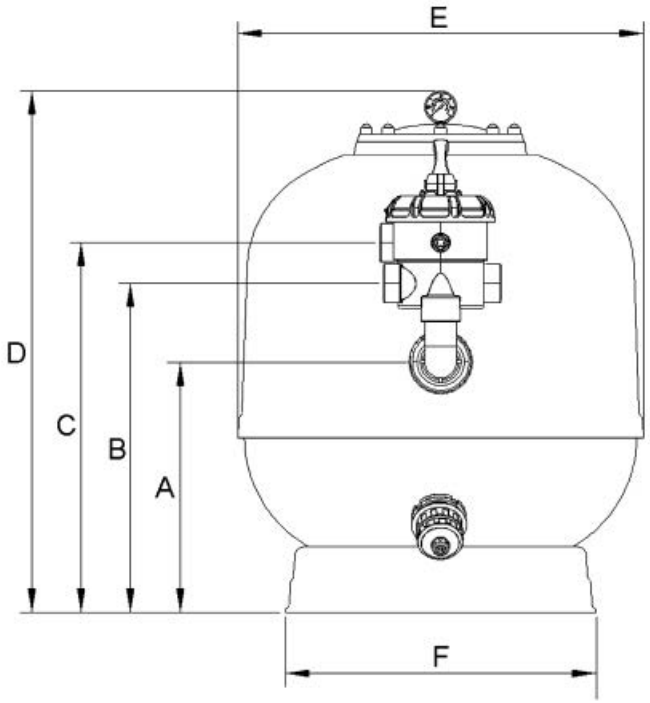
MS 470	MS 530	MS 650	MS 800	MS 950
9 317545 028354	9 317545 028361	9 317545 028378	9 317545 028385	9 317545 028392

ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

DIMENSIONS AND WEIGHT

		MS 470	MS 530	MS 650	MS 800	MS 950
Clearance below valve*		310	320	375	390	420
A		340	350	405	430	460
B		465	475	530	660	690
C		529	539	594	736	766
D		705	745	815	984	1027
E external		475	532	645	798	950
E internal		450	510	635	770	920
F		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	18	21	36	58

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



Spare parts p.298

ASSOCIATED PRODUCTS

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

WF000063

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

WF000064

Crystal Clear

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

Product offered for sale on the «pool dealer» channel

	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
PRODUCT REFERENCE		
Standard model	WF000063	WF000064

DESCRIPTION	
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 addtion, 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
WF000094/95/96/97/98	WW000172/173/174/175

* Turbidity reduction test carried in a lab using Crystal Clear fine under EN 16713-1 standard (test #7.2.4). Minimal regulatory requirement is 50%.

9 317545 025414

Crystal Clear 0,7/1,3 mm

9 317545 025421

Crystal Clear 1,0/3,0 mm

ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

NL NICHELESS LED LIGHTS

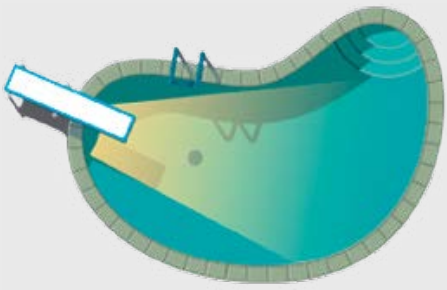
Easy-to-install, eco-friendly lighting

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

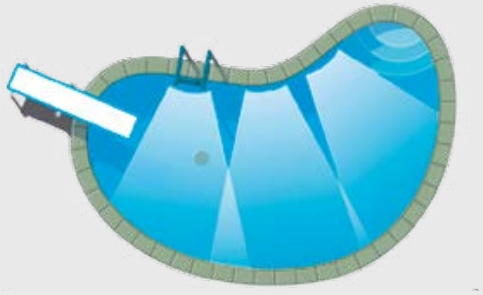
Energy efficient: powerful lighting with an **energy saving of up to 90%** (compared to incandescent or halogen spotlights).

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



1 classic spotlight
Total consumption: 300 W
Annual cost = 37€

ENERGY SAVING



3 x12 W NL LED lights
Total consumption: 36 W
Annual cost =4 €

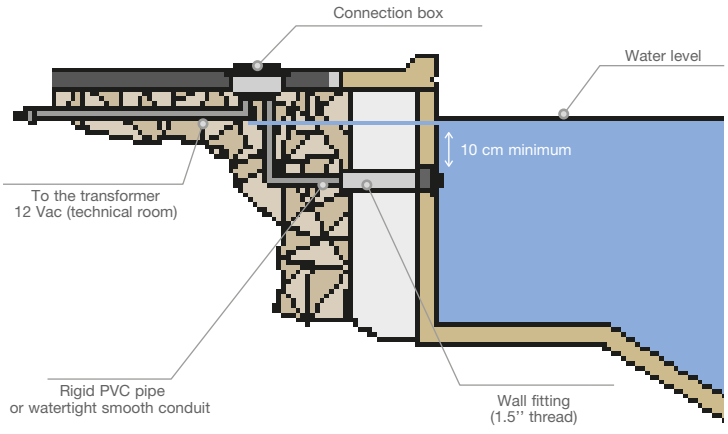
Higher performance lighting
90%
ENERGY SAVING

Calculation based on 4h/day usage throughout the season (6 months) at a price of €0.1694 / kWh (average price witn VAT in France)

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

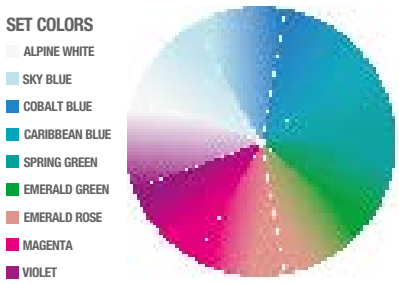
Quickly & easily: With Zodiac® NL LED lights, there's no need to build a niche, they slot directly into a standard 1.5" wall fitting and are compatible with all pool surfaces (liner/PVC, concrete, polyester, etc.).

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.



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

iAquaLink COMPATIBLE

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.

NL - Lighting

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

NEW FOR 2019 | EASY INSTALLATION | TECHNOLOGY RGBW | ENERGY SAVING | iAquaLink COMPATIBLE

3 YEAR WARRANTY

Product offered for sale on the «pool dealer» channel

	NL 6RGBW	NL 12RGBW	NL 24RGBW	NL 6BW	NL 12BW	NL 24BW
PRODUCT REFERENCE						
Standard model	WT000233	WT000234	WT000235	WT000236	WT000237	WT000238

ACCESSORIES INCLUDED IN THE PACK

Installation tool

White & grey cosmetic rings

DESCRIPTION

Installation Compatibility	Pool outlet with 1,5" internal thread and whithout 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)	

* : Needs eXO® iQ salt water chlorinator or AquaLink® TRi pool automation system.

TECHNICAL SPECIFICATIONS

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 (m^2)*	12 to 15	15 to 20	20 to 24	12 to 15	15 to 20	20 to 24
Luminous flux (Lumen)	160	340	505	390	725	1180
Led lifespan **	10 000 h					
Protection rating	IP 68					
Power supply	12 VAC - 50/60 Hz					
Cable lenght	3 m					

* For a light colored pool finish. Reduce illuminated surface by roughly 20% for dark pool finishes.
** : Theoretical lifespan in hours, for information only.

DIMENSIONS AND WEIGHT

	NL 6RGBW	NL 12RGBW	NL 24RGBW	NL 6BW	NL 12BW	NL 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	

ASSOCIATED PRODUCTS

AquaLink® TRi

WA000016

Hydroxinator® iQ

WW000172/173/174/175

eXO® iQ

WW000162/163/164/165/170/171

9 317545 059655

NL 6RGBW

9 317545 059662

NL 12RGBW

9 317545 059679

NL 24RGBW

9 317545 059686

NL 6BW

9 317545 059693

NL 12BW

9 317545 059709

NL 24BW

ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> 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

PowerFall

3 YEAR WARRANTY

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

ALL TYPES OF SWIMMING POOLS

EASY INSTALLATION

	PowerFall 1' (30 cm)	PowerFall 18" (46 cm)	PowerFall 2' (61 cm)	PowerFall 3' (91 cm)
PRODUCT REFERENCE				
Standard model	WB000011	WB000008	WB000009	WB000010

OPTIMAL WATER FLOW FOR EACH ZODIAC® WATER FALL*	
Projection at 15 cm from the wall	5,5 m^3/h
Projection at 30 cm from the wall	7,0 m^3/h
Projection at 45 cm from the wall	11,5 m^3/h
Projection at 60 cm from the wall	15,0 m^3/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	
< 16 m^3 / hour	50 mm
≥ 16 m^3 / hour	63 mm

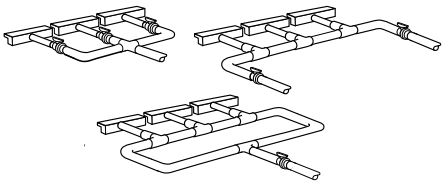
POWER / FLOW EQUIVALENCES REMINDER :	
3/4 CV	13 m^3/h
1 CV	16 m^3/h
1,5 CV	22 m^3/h
2 CV	30 m^3/h

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.

1



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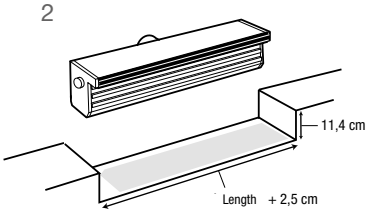

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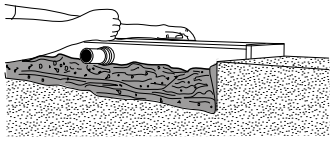

9 317545 026503
PowerFall 1'
(30 cm)

9 317545 019468
PowerFall 18"
(46 cm)

9 317545 019475
PowerFall 2'
(61 cm)

9 317545 019482
PowerFall 3'
(91 cm)

PROVIDED ACCESSORIES	PVC Adapter M/F 1.5"/50mm	PVC Adapter F/F 1.5"/1.5"
reference	W8620110	W8620111
ex VAT Price	**5,30 €**	**7,60 €**

ZPCE: recZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Water treatment

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DOSING SYSTEMS **p.159**

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- Chlor Expert p.163

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- Ei² Expert p.168
- eXO® iQ p.172
- eXO® iQ LS p.174
- pH Link & Dual Link 2019 p.176
- TRi Expert LS p.178
- pH Link (before 2019) p.180

MAGNESIUM BASED CHLORINATOR MAGNAPOOL® **p.182**

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- MagnaPool® Minerals p.186
- Crystal Clear p.187

MINERAL PURIFIERS **p.188**

- Nature² Spa p.189

> 5 RANGES OF WATER TREATMENT PRODUCTS

Water is an unstable and continually changing substance, 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** (optional pH and ORP regulating 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),
- **Nature² mineral purifier - special Spas** for disinfection with less chlorine.

POSSIBLE COMBINATIONS OF THE DIFFERENT SYSTEMS

Disinfection

Water disinfection that adapts to every need and every budget.

Chlor Expert

Ei²

Ei² Expert

eXO® iQ

eXO® iQ LS

Hydroxinator® iQ

pH regulation and/or chlorination

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

pH Expert

pH Link

Dual Link (pH/ORP)

MagnaPool® Mineral Pool Science

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

pH Expert incorporates proportional dosing technology to **maintain an ideal pH automatically** for the comfort of bathers. For optimal water balance, pH Expert 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	Standard alkalinity	High alkalinity
TAC < 10 °f (100 ppm $CaCO_3$)	Default setting	TAC > 15 °f (150 ppm $CaCO_3$)

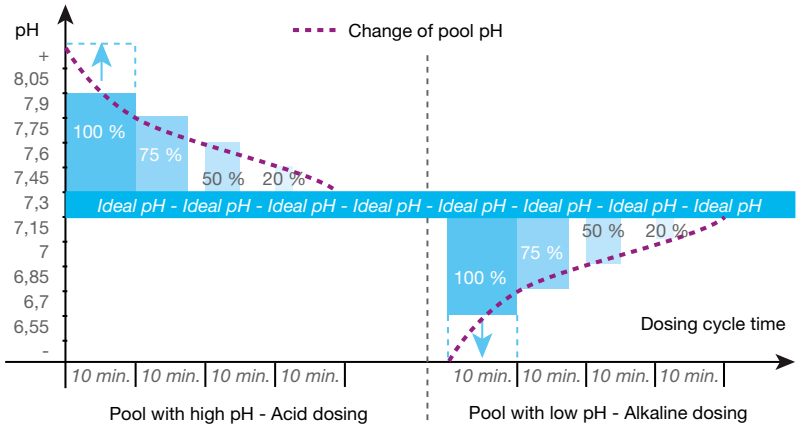
> SAFE, AUTO-ADAPTIVE OPERATION

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

ACID	IDEAL	ALKALINE
- Irritation to eyes and skin - Corrosion of metal equipment	- Optimum efficiency of water treatment - Perfect bathing comfort	- Alteration of disinfection efficiency - Irritation to eyes and skin - Limescale deposits

DID YOU KNOW?
The pH must be controlled and adjusted, whatever the disinfection system used. As a result, pH Expert can be used in all types of pools.

pH Expert

+ Automatic dosage of pH
+ Accurate dosing
+ Anti-overdose protection

ALL TYPES OF SWIMMING POOLS | EASY INSTALLATION | NEW SENSOR

2 YEAR WARRANTY*

Product offered for sale on the «pool dealer» channel

	pH Expert
PRODUCT REFERENCE	
Standard model	W500708

ACCESSORIES INCLUDED IN THE PACK

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

FOR WHICH POOL?	
Maximum volume of treated water	150 m^3
Dosage	Acid or alkaline

DESCRIPTION	
User Interface	1-line, backlit LCD screen
Languages	6 (FR-EN-ES-DE-IT-NL)
Calibration	Semi-automatique en 1 ou 2 étapes (Buffer solutions kit fourni)
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	
Sensor type (pH)	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.

3 478585 007085

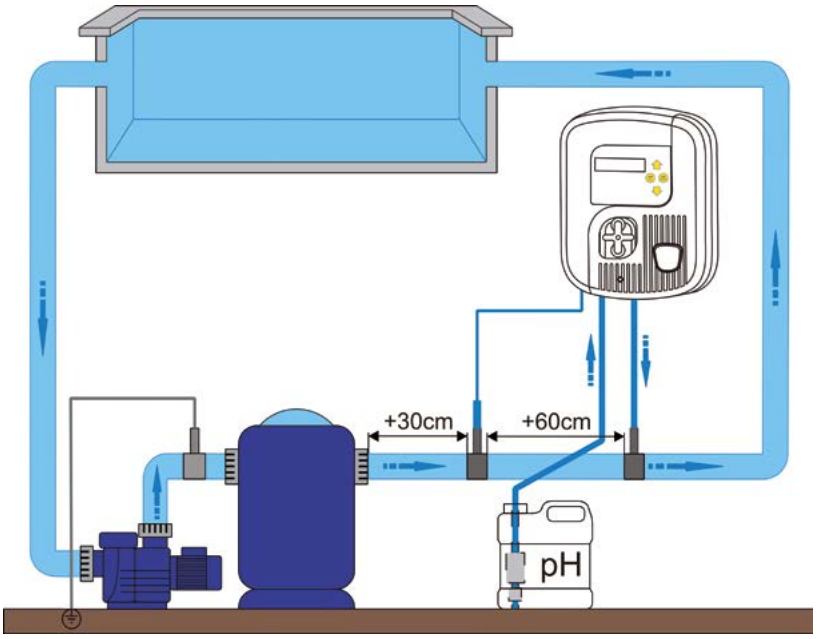
pH Expert

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

INSTALLATION

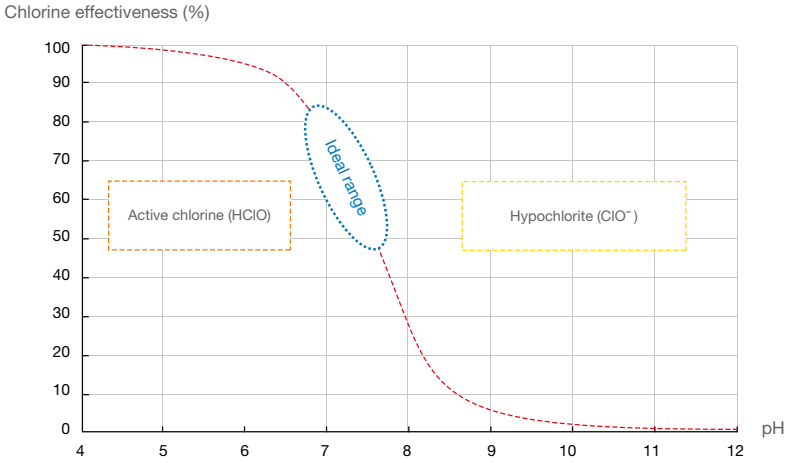
- The sensor must be placed more than 30 cm before or after any elbow fittings (otherwise, use the Pod Kit)
- The sensor must be installed vertically (maximum tolerance: 45°) Its cable (BNC type) is 5 m long.
- It is recommended to ground the pool water, so as to avoid parasitic currents.

pH Expert installation diagram:



Spare parts p.300

PH VALUE IS ESSENTIAL TO MAINTAIN CHLORINE EFFECTIVENESS:



OPTIONAL ACCESSORIES (NOT INCLUDED)

	POD Kit	63mm saddle clamp	pH 4 and pH 7 buffer solutions (x6 + x6)	Earthing anode
reference	R0534900	R0839600	R0824400	R0673800
ex VAT Price	**123,08 €**	**10,80 €**	**44,00 €**	**35,02 €**

> ORP REGULATION SYSTEMS
For automated chlorination

Chlor Expert incorporates 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.

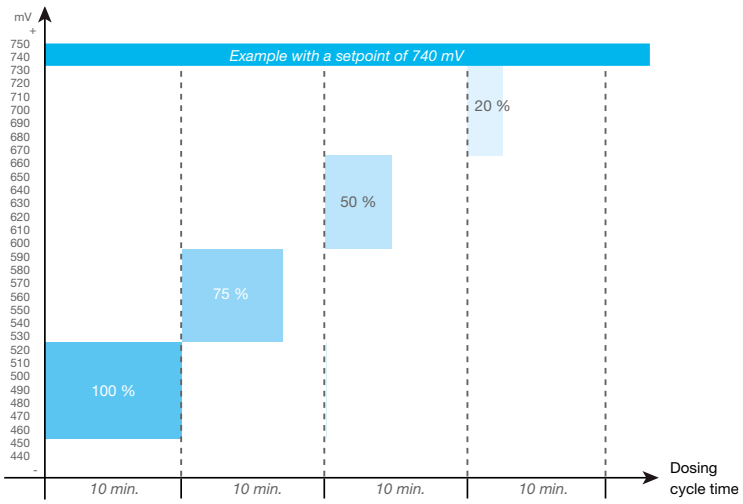
The dosing time depends on **the difference between the ORP value of the swimming pool water and the optimum value (set point value).** The quantities of liquid chlorine injected are automatically adjusted to meet the demand for disinfection.

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.

> 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** 'POD kit' will be the ideal option for a simple installation and accurate measurement.

EXCLUSIVE AUTO-ADAPTIVE DOSING



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 $CaCO_3$)
- 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.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Chlor Expert

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

ALL TYPES OF SWIMMING POOLS | EASY INSTALLATION | NEW SENSOR

2 YEAR WARRANTY*

Product offered for sale on the «pool dealer» channel

Chlor Expert

PRODUCT REFERENCE

Standard model	W500709

ACCESSORIES INCLUDED IN THE PACK

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

FOR WHICH POOL?

Maximum volume of treated water	20 - 150 m^3
Dosage	Liquid chlorine

DESCRIPTION

User Interface	1-line, backlit LCD screen
Languages	6 (FR-EN-ES-DE-IT-NL)
Calibration	Semi-automatique en 1 ou 2 étapes (Buffer solutions kit fourni)
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

Sensor type 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 solutions, peristaltic tube, one-way valve)
** not needed if the "POD Kit" option is used.

3 478585 007092

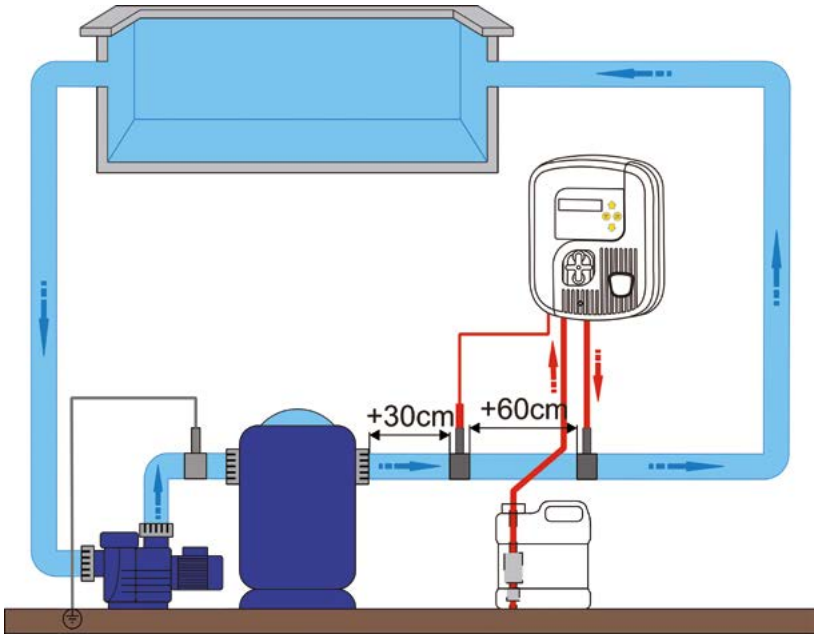
Chlor Expert

INSTALLATION

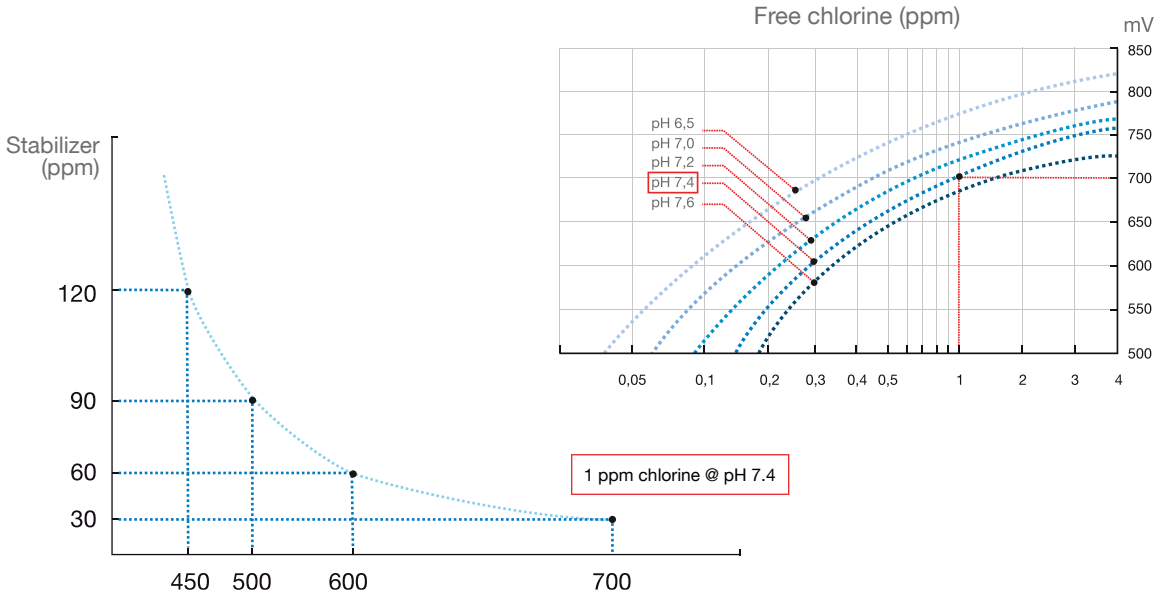
- The minimum pool volume required to Chlor Expert installation diagram use ORP treatment is 20 m³.
- The sensor must be placed more than 30 cm before or after any elbow fittings (otherwise, use the Pod Kit)
- The sensor must be installed vertically (maximum tolerance: 45°) Its cable (BNC type) is 5 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.

Spare parts p.302

Chlor Expert installation diagram



PH EFFECT ON ORP, AND INFLUENCE OF CHLORINE STABILIZER:



OPTIONAL ACCESSORIES (NOT INCLUDED)

	POD Kit	63mm saddle clamp	470 mV ORP buffer solutions (x6)	Earthing anode
reference	R0534900	R0839600	R0824500	R0673800
ex VAT Price	**123,08 €**	**10,80 €**	**22,00 €**	**35,02 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> SALT WATER CHLORINATORS
Automatic, easy and efficient disinfection

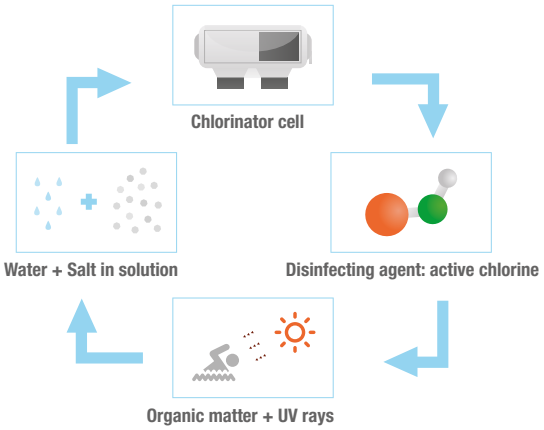
Simple to install and use, salt water chlorinators provide complete treatment with reduced maintenance.

> 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

	Ei²	Ei² Expert	TRi Expert LS	eXO® iQ	eXO® iQ LS
Volume of water treated in m³ (temperate climate, filtration 8 h/day)	50 / 90 / 110	40 / 70 / 110	40 / 70	40 / 70 / 100 / 150	40 / 70
Chlorine production in g/h	12 - 20 - 25	10 - 18 - 25	10 - 18	10 - 18 - 22 - 35	10 - 18
Salinity in g/L (min… / required / …max)	3,0… / 4,0 / …10	3,0… / 4,0 / …10	1.6... / 2 / ...10	3,3… / 4,0 / …13	1.6... / 2 / ...10
Cell type	Quick Fix	Quick Fix	Inverted U	Inverted U	Inverted U
Working life of cell*	7 500 h	7 500 h	10 000 h	10 000 h	10 000 h
Polarity inversion	5 h	3 / 5 / 7 h	2,5 / 5 h	2 / 8 h	2 / 8 h
Unit protection rating	IPX5	IPX5	IPX3	IP43	IP43
LCD screen	N/A (Leds)	2 lines, backlit	4 lines, backlit	4 lines, backlit	4 lines, backlit
Number of interface languages	N/A (Leds)	13	7	11	11
Boost mode / Low mode (= cover contact)		•	•	•	•
Programming clock (Timers)		•	•	•	•
User information	Leds	Messages	Messages + Leds	Messages + Leds	Messages + Leds
Flow rate detection	Gas sensor	Mechanical flow switch	Mechanical flow switch	Mechanical flow switch	Mechanical flow switch
Optional pH regulation module			pH Link	pH Link 2019	pH Link 2019
Optional pH & ORP regulation module				Dual Link 2019	Dual Link 2019
Control using iAqualink™ app				•	•
Unconditional guarantee (power pack)	2 years	2 years	3 years	3 years	3 years

* Under good operating conditions.

Ei²

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

Product offered for sale on the «pool dealer» channel

	Ei² 12	Ei² 20	Ei² 25
PRODUCT REFERENCE			
Standard model	WW000064	WW000065	WW000066
ACCESSORIES INCLUDED IN THE PACK			
	Installation Kit		
FOR WHICH POOL?			
Volume of treated water (temperate climate, Filtration 8h/day)	50 m³	90 m³	110 m³
Nominal output Amps	12 g/h	20 g/h	25 g/h
Ampérage de sortie nominal	2,5 A	4,0 A	5,0 A
DESCRIPTION			
User Interface	Leds		
Operating modes	normal		
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			
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 m³ / h		
Maximum flow rate (limited by pressure drops in the pipe)	18 m³/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		
Power supply	220-240 VAC / 50 Hz (mains power cable with moulded plug)		

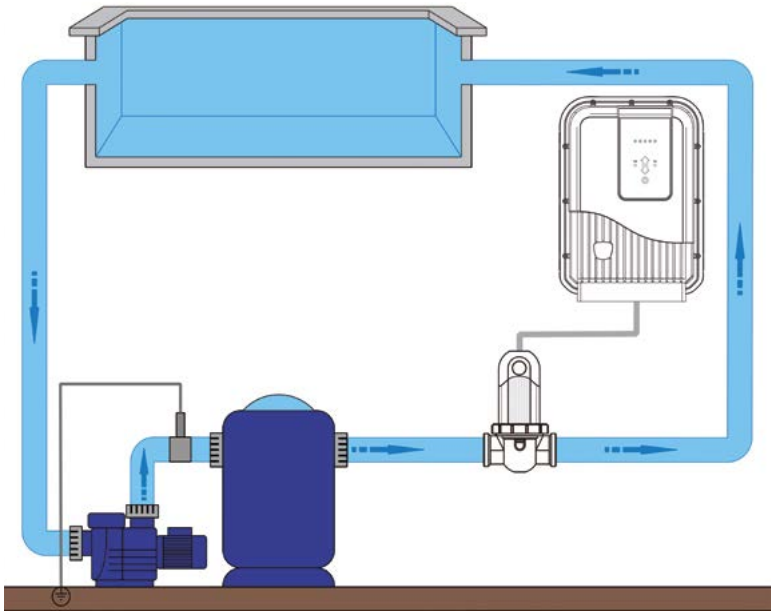
* Under good operating conditions.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

INSTALLATION

- With an IPX5 rating, the casing can be Ei² installation diagram: 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.

Ei² installation diagram:



Spare parts p.304

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Locking ring wrench	Winterizing cap
reference	R0769900	R0770100
ex VAT Price	**19,20 €**	**12,11 €**

9 317545 019208
Ei² 12

9 317545 019215
Ei² 20

Ei² Expert

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

ALL TYPES OF SWIMMING POOLS · EASY INSTALLATION · Ti22 TITANE INSIDE · Quick Fix

2 YEAR WARRANTY

UNCONDITIONAL WARRANTY

Product offered for sale on the «pool dealer» channel

	Ei² Expert 10	Ei² Expert 18	Ei² Expert 25
PRODUCT REFERENCE			
Standard model	WW000061	WW000062	WW000063

ACCESSORIES INCLUDED IN THE PACK

Installation Kit

Flow switch installation kit

FOR WHICH POOL?			
Volume of treated water (temperate climate, Filtration 8h/day)	40 m³	70 m³	110 m³
Nominal output Amps	10 g/h	18 g/h	25 g/h
Ampérage de sortie nominal	2,0 A	3,6 A	5,0 A

DESCRIPTION	
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= 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			
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 m³ / h		
Maximum flow rate (limited by pressure drops in the pipe)	18 m³/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		
Electric power supply	220-240 VAC / 50 Hz (mains power cable with moulded plug)		

* Under good operating conditions.

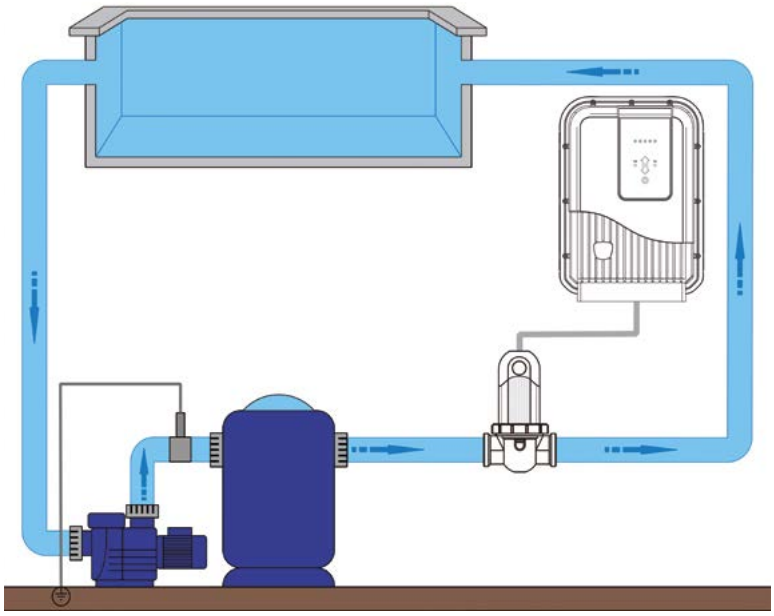
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

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).

Spare parts p.304

Ei² installation diagram:



OPTIONAL ACCESSORIES (NOT INCLUDED)

	Locking ring wrench	Winterizing cap
reference	R0769900	R0770100
ex VAT Price	**19,20 €**	**12,11 €**

9 317545 019178
Ei² Expert 10

9 317545 019185
Ei² Expert 18

9 317545 019192
Ei² Expert 25

> 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 desinfection 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 water quality control is centralised in a single interface: pH, chlorination, additional equipment (filtration pump, lighting…).

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(1).

Built-in Wi-Fi(2)

The iAquaLink™ app allows you to have remotely and real-time control of your water quality and your pool's equipment(3) from you smartphone or tablet.

(1)3 years unconditional (device), 2 years (pH sensor), 1 year (ORP sensor)
(2)App availability during the 2019 pool season
(3)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.

MagnaPool® Mineral Pool Science

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 CARACTERISTICS

	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 m³	70 m³	150 m³
Treatment type	Salt water chlorination	Salt water chlorination Low Salinity	MagnaPool® Magnesium mineral chlorinattion
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		
Wireless and remote-controllable	Built-in Wi-Fi Dedicated Android & iOS(2) smartphone app		
Boost mode	24hr shock chlorination		
Cover mode	Reduced chlorination when the electric cover is closed Automatic or manual activation (0 to 30% adjustable chlorination strength)		
Water temperature indicator	Yes, with cell protection function		
Equipment control	3 programmable equipment: - Filter pump: simple or variable speed (Zodiac®) - 2 other accessories: lighting, booster pump...		
Security – Low water flow sensor	Mechanical flow switch		
Self-cleaning cell (polarity reversal)	Adjustable every 2 to 8 hours (allows to adpat the cell revesal to water hardness)		
Warranty – Device	3 years, unconditional		
Warranty – Sensors	2 years (pH sensor) / 1 year (ORP sensor)		

eXO® iQ

Water treatment > Salt water chlorinators > eXO® iQ

+ All-in-one control: all water quality control is centralised in a single interface (pH, chlorination, equipment…)
+ Peace of mind: long lasting electrodes, high-end sensors
+ Built-i n Wi-Fi: Wi-Fi connexion to the iAquaLink™ app*

NEW FOR 2019 | ALL TYPES OF SWIMMING POOLS | UPGRADABLE SYSTEM | Ti22 TITANE INSIDE | iAquaLink CONTROL

3 YEAR WARRANTY

UNCONDITIONAL WARRANTY

Product offered for sale on the «pool dealer» channel

	eXO® iQ 10	eXO® iQ 18	eXO® iQ 22	eXO® iQ 35
PRODUCT REFERENCE				
Standard model	WW000162	WW000163	WW000164	WW000165

ACCESSORIES INCLUDED IN THE PACK

Wall mounting kit

Flow switch kit

Temperature sensor kit

Reducing bushes kit

FOR WHICH POOL?				
Volume of treated water (temperate climate, Filtration 8h/day)	40 m³	70 m³	100 m³	150 m³
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	
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 %)
Equipment control	Single speed or Zodiac variable speed filter pump 2 additional equipment (lighting, booster pump…)
Timer	24 h clock / 2 chlorination timers 2 single speed or 4 Zodiac variable speed filter pump timers 1 timer per extra 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)

*App will be available during season 2019

9 317545 026237 — eXO® iQ 10

9 317545 026251 — eXO® iQ 18

9 317545 026275 — eXO® iQ 22

9 317545 026299 — eXO® iQ 35

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

TECHNICAL SPECIFICATIONS

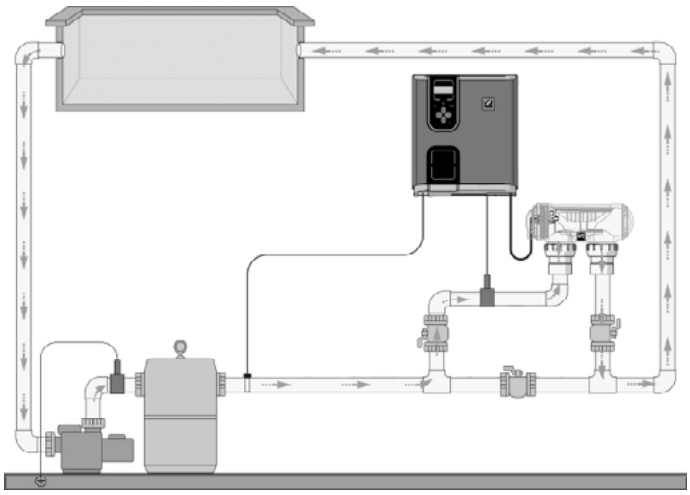
Working life of cells*	10 000 h (titanium plates, SC6 ruthenium coating)
Electric power	Max 200 W
Minimum flow rate (needed to purge air from the cell)	5 m^3 / h
Maximum flow rate (limited by pressure drops in the pipe)	18 m^3/h (Bypass mandatory over this level)
Maximum authorised cell pressure	2,75 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
Power Supply	220-240 VAC / 50-60 Hz

*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)

Spare parts p.308



ASSOCIATED PRODUCTS

pH Link Module 2019

WW000176

Dual Link Module 2019

WW000177

eXO® iQ LS

+ Low salinity chlorinator
+ All-in-one control: all water quality control is centralised in a single interface (pH, chlorination, equipment…)
+ Built-i n Wi-Fi: Wi-Fi connexion to the iAquaLink™ app*

NEW FOR 2019 · LOW SALT · Ti22 TITANE INSIDE · UPGRADABLE SYSTEM · iAquaLink CONTROL

3 YEAR WARRANTY

UNCONDITIONAL WARRANTY

	eXO® iQ LS 10	eXO® iQ LS 18
PRODUCT REFERENCE		
Standard model	WW000170	WW000171

ACCESSORIES INCLUDED IN THE PACK

Wall mounting kit	Flow switch kit	Temperature sensor kit	Reducing bushes kit

FOR WHICH POOL?		
Volume of treated water (temperate climate, Filtration 8h/day)	40 m³	70 m³
Nominal Chlorine production	10 g/h	18 g/h
Nominal output Amps	2,8 A	3,6 A

DESCRIPTION	
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 %)
Equipment control	Single speed or Zodiac variable speed filter pump 2 additional equipment (lighting, booster pump…)
Timer	24 h clock / 2 chlorination timers 2 single speed or 4 Zodiac variable speed filter pump timers 1 timer per extra 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)

*App will be available during season 2019

9 317545 026398
eXO® iQ LS 10

9 317545 026411
eXO® iQ LS 18

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

TECHNICAL SPECIFICATIONS

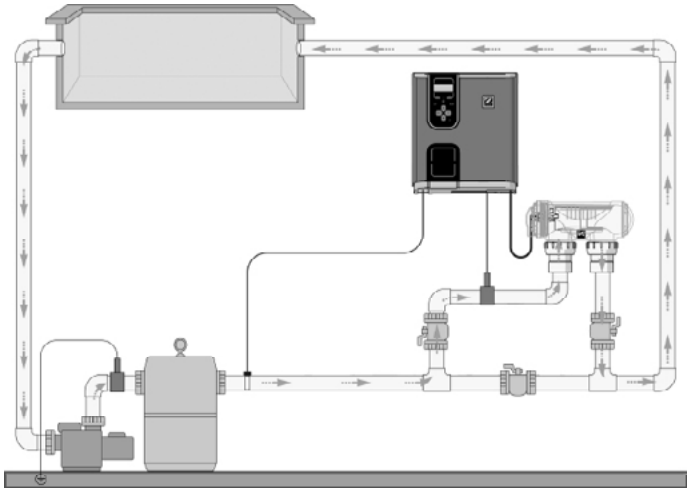
Working life of cells*	10 000 h (titanium plates, SC6 ruthenium coating)
Electric power	Max 200 W
Minimum flow rate (needed to purge air from the cell)	5 m^3 / h
Maximum flow rate (limited by pressure drops in the pipe)	18 m^3/h (Bypass mandatory over this level)
Maximum authorised cell pressure	2,75 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
Power Supply	220-240 VAC / 50-60 Hz

*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)

Spare parts p.308



ASSOCIATED PRODUCTS

pH Link Module 2019

WW000176

Dual Link Module 2019

WW000177

pH Link & Dual Link 2019

+ Fully in tegrated disinfection and dosing system
+ Automatic regulation
+ Accurate & easy re ading (POD Kit)

NEW FOR 2019 | ALL TYPES OF SWIMMING POOLS | EASY INSTALLATION | MagnaPool ECOSYSTEM

2 YEAR WARRANTY

	pH Link	Dual Link
PRODUCT REFERENCE		
Standard model	WW000176	WW000177

ACCESSOIRES INCLUS DANS LE 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?		
Maximum volume of treated water	150 m³	Depending on the chlorinator's output power
Dosage	Acid	

DESCRIPTION	
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		
Sensor type (pH) or (pH and 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)

9 317545 026152
pH Link

9 317545 026169
Dual Link

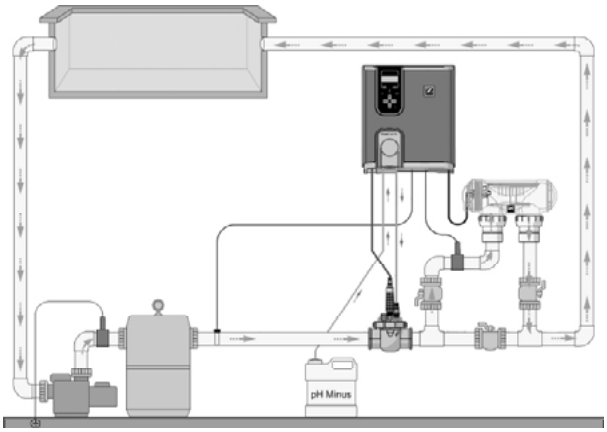
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

INSTALLATION

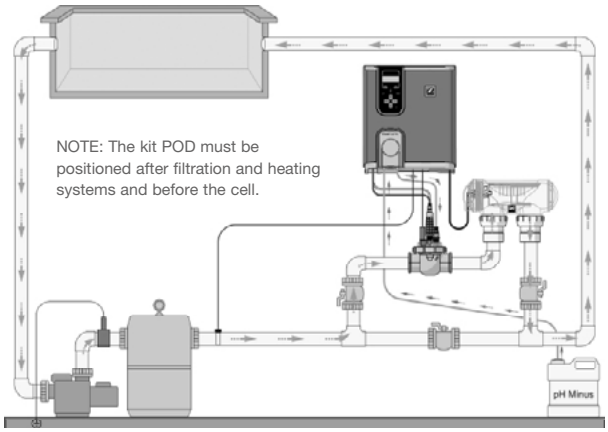
- Connect the unit directly to the chlorinator's control unit.
- The distance between the module and the sensor cell is 1,5m (3 m extension cable is optional).
- The POD MUST be installed so that the sensor(s) is/are vertical, to ensure accurate measurement.

pH Link & Dual Link Modules installation diagram:

Kit POD on line:



POD Kit in by-pass:



Spare parts p.312

OPTIONAL ACCESSORIES (NOT INCLUDED)

	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
reference	R0808000	R0824400	R0824500	R0770100	R0635800	R0673800
ex VAT Price	**60,18 €**	**44,00 €**	**22,00 €**	**12,11 €**	**30,77 €**	**35,02 €**

TRi Expert LS

+ Low salinity chlorinator
+ Optionnal automatic regulation of pH
+ Remote control (with AquaLink® TRi automation)

Within the limits of available stocks

UPGRADABLE SYSTEM · Ti 22 TITANE INSIDE · AquaLink COMPATIBLE · LOW SALT

3 YEAR WARRANTY

UNCONDITIONAL WARRANTY

Product offered for sale on the «pool dealer» channel
Within the limits of available stocks

	TRi Expert LS 10	TRi Expert LS 18
PRODUCT REFERENCE		
Standard model	WW000133	WW000134

ACCESSORIES INCLUDED IN THE PACK

Wall mounting kit

Flow switch kit

Reducing bushes kit

FOR WHICH POOL?		
Volume of treated water (temperate climate, Filtration 8h/day)	40 m³	70 m³
Nominal Chlorine production	10 g/h	18 g/h
Nominal output Amps	2,8 A	3,6 A

DESCRIPTION	
User Interface	4-line, backlit LCD screen
Languages	7 (FR-EN-DE-ES-IT-NL-AF)
Operating modes	Summer, Winter, Boost (100%), Low (cover mode 10%)
Timer	24h clock / 2 timers
Polarity reversal	Yes : 2,5 or 5 h (Factory setting= 5h)
Required salt level - minimum	2 g/L - 1,6 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
Plumbing compatibility	DN50 mm, DN63 mm, 1 ½" (48 mm)

TECHNICAL SPECIFICATIONS	
Working life of cells*	10 000 h (titanium plates, SC6 ruthenium coating)
Electric power	195 W
Minimum flow rate (needed to purge air from the cell)	5 m³ / h
Maximum flow rate (limited by pressure drops in the pipe)	18 m³/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	IPX3
Cell size (L x w x h)	32,0 x 13,5 x 11,0 cm
Control box size (L x w x h)	31,0 x 33,0 x 11,0 mm
Electric power supply	220-240 VAC / 50-60 Hz (câble secteur avec prise surmoulée)

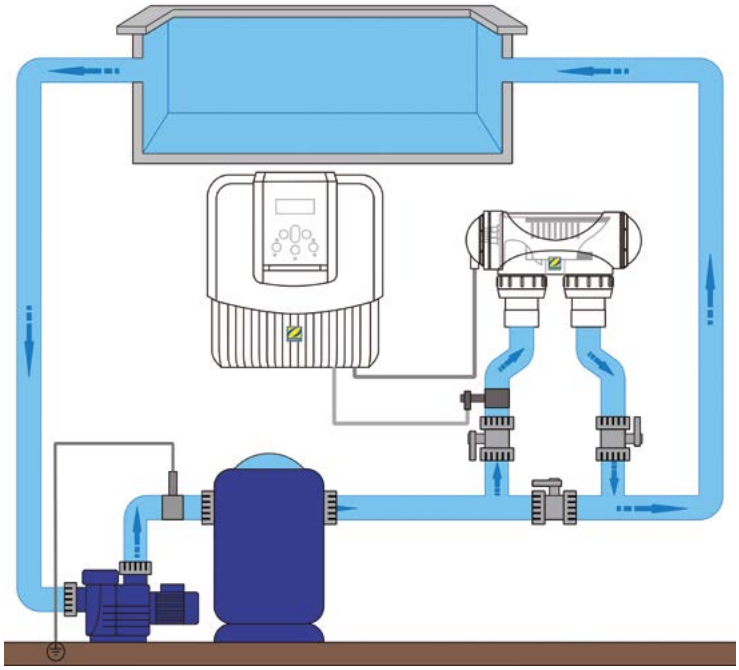
* Under good operating conditions.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

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)

TRi Expert LS installation diagram:



Spare parts p.314

ASSOCIATED PRODUCTS

pH Link Module

W197525

AquaLink® TRi

WA000016

9 317545 025254

TRi Expert LS 10

9 317545 025261

TRi Expert LS 18

pH Link (before 2019)

2 YEAR WARRANTY

Works only with TRi and TRi Expert

+ Fully in tegrated disinfection and dosing system
+ Automatic regulation
+ Accurate & easy reading (POD Kit)

ALL TYPES OF SWIMMING POOLS

EASY INSTALLATION

Within the limits of available stocks

	pH Link (before 2019)
PRODUCT REFERENCE	
Standard model	W197525

ACCESSORIES INCLUDED IN THE PACK

pH Sensor	pH buffer solution	22 mm hole saw	Plumbing kit	POD Kit

FOR WHICH POOL?	
Maximum volume of treated water	150 m^3
Dosage	Acid

DESCRIPTION	
User Interface	Device's interface (4-line, backlit LCD screen)
Calibration	Semi-automatic at 1 point pH 7.5 (buffer solutions supplied)
Setpoints	Factory settings : pH = 7,2
Sensor position	Vertical, on the POD (provided)
Safety	Choice of pool volume, Overdosing safety

TECHNICAL SPECIFICATIONS	
Pipe type (pH)	Combined process sensor, double junction and double porous, ABS body with ½» thread
Reading scale	0,0 -12,0 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	1,2 L/h
Cell size (L x w x h)	28,5 x 15,5 x 7,5 cm

* Excluding consumable parts that have 1 year warranty (sensors, buffer solution, peristaltic tube, one-way valve)
** Compatibility: pH Link can be installed on TRi Expert, TRi Expert LS and Hydroxinator® MagnaPool®.

3 478581 975258

pH Link (before 2019)

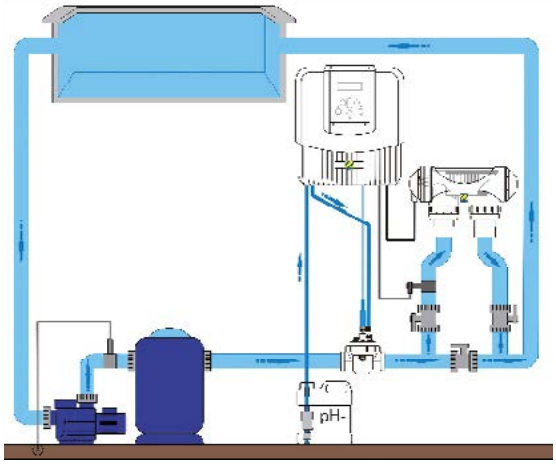
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

INSTALLATION

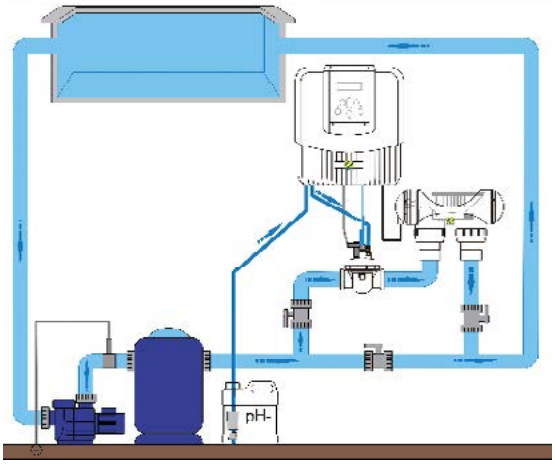
- Connect the unit directly to the chlorinator's control unit.
- The distance between the module and the sensor cell is 1,5m (3 m extension cable is optional).
- The POD MUST be installed so that the sensor(s) is/are vertical, to ensure accurate measurement.

pH Link Modules installation diagram:

Kit POD on line:



POD Kit in by-pass:



Spare parts p.316

OPTIONAL ACCESSORIES (NOT INCLUDED)

	Intake pipe	pH 7,5 buffer solution	Winterizing cap	3m BNC cable extension	Earthing anode
reference	R0808000	R0800900	R0770100	R0635800	R0673800
ex VAT Price	**60,18 €**	**11,22 €**	**12,11 €**	**30,77 €**	**35,02 € ex VAT**

> PATENTED MAGNESIUM WATER TREATMENT

For incomparably gentle, crystal clear water

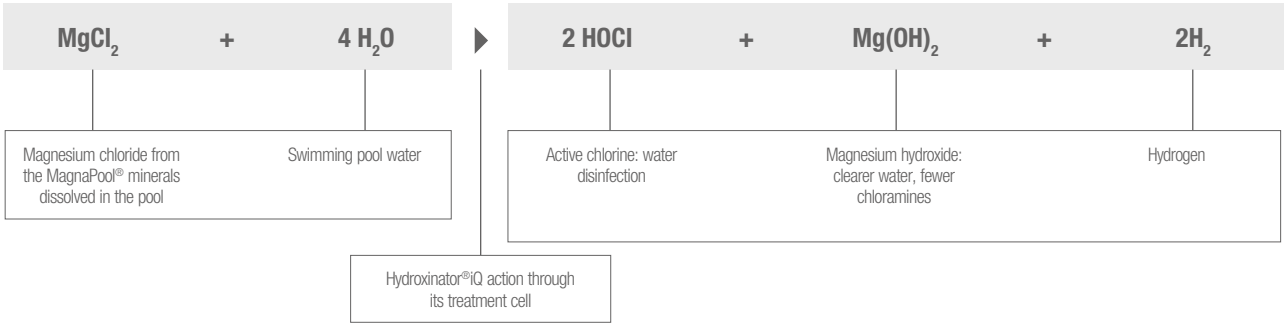
The patented MagnaPool® solution combines the clarifying properties of magnesium with a filtration system of exceptional quality, for a perfectly healthy and balanced, mineral-enriched swimming pool.

> 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 exerience.

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.

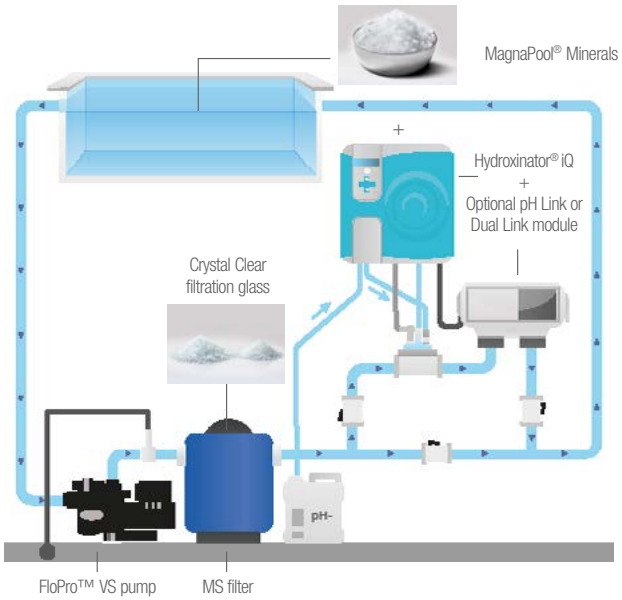


DID YOU KNOW?
MagnaPool® minerals do not contain any sodium chloride («salt» or NaCl). The MagnaPool® minerals do not produce soda, a very basic element that affects negatively the water balance.

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® system to function; they cannot be sold separately.

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



MagnaPool® ECOSYSTEM

REFERENCE POINT
The MagnaPool® system 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

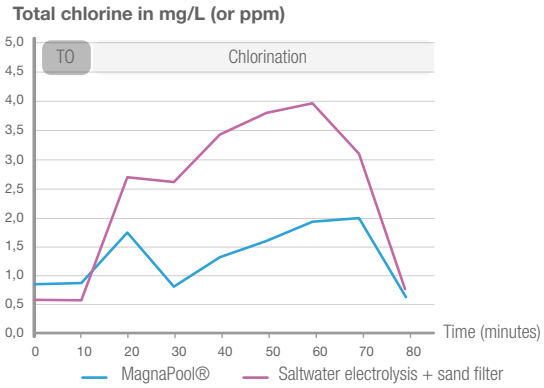
A PURE, CRYSTAL CLEAR SWIMMING POOL

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 12 24 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.

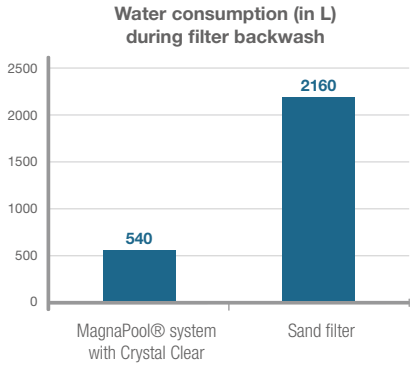


Zodiac laboratory measurement of chloramines (or combined chlorine) after adding organic matter to two pools at the same time, one treated with salt electrolysis + sand filter and the other with MagnaPool®.

ECO FRIENDLY

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%.



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

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: top-of-the-range unit with optional pH regulation (pH Link) or pH and ORP regulation module (Dual Link)

NEW FOR 2019 · ALL TYPES OF SWIMMING POOLS · UPGRADABLE SYSTEM · AquaLink CONTROL · Ti 22 TITANE INSIDE · MagnaPool ECOSYSTEM · ECO-FRIENDLY

3 YEAR WARRANTY

UNCONDITIONAL WARRANTY

Product offered for sale on the «pool dealer» channel

	Hydroxinator® iQ 10	Hydroxinator® iQ 18	Hydroxinator® iQ 22	Hydroxinator® iQ 35
PRODUCT REFERENCE				
Standard model	WW000172	WW000173	WW000174	WW000175

ACCESSORIES INCLUDED IN THE PACK

Wall mounting kit

Flow switch kit

Temperature sensor kit

Reducing bush kit

FOR WHICH POOL?				
Volume of treated water (temperate climate, Filtration 8h/day)	40 m³	70 m³	100 m³	150 m³
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	
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 %)
Equipment Control	Single speed or Zodiac variable speed filtration pump 2 additional equipment (lighting, booster pump…)
Clock / Timer	24 h clock / 2 chloration timers 2 single speed or 4 Zodiac variable speed filtration pump timers 1 timer per extra 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 Features	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' indicator light: Production is interrupted as long as conditions are not ideal Mechanical flow switch
Cell Position	Horizontal
Compatible pipework	DN50 mm, DN63 mm, 1 ½" (48 mm)

** Mineral levels are measured using the usual salinity testers. Add 5 x 10kg bags per 10 m³ to measure a concentration of 4 g/L (4000 ppm).

9 317545 026435
Hydroxinator® iQ 10

9 317545 026459
Hydroxinator® iQ 18

9 317545 026138
Hydroxinator® iQ 22

9 317545 026145
Hydroxinator® iQ 35

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

TECHNICAL SPECIFICATIONS

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 m³ / h
Maximum flow rate	18 m³/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	IP23
Cell dimensions (W x H x D)	32,0 x 13,5 x 11,0 cm
Dimensions of the power pack (W x H x D)	32,0 x 37,0 x 12,0 cm
Power supply	220-240 VAC / 50-60 Hz

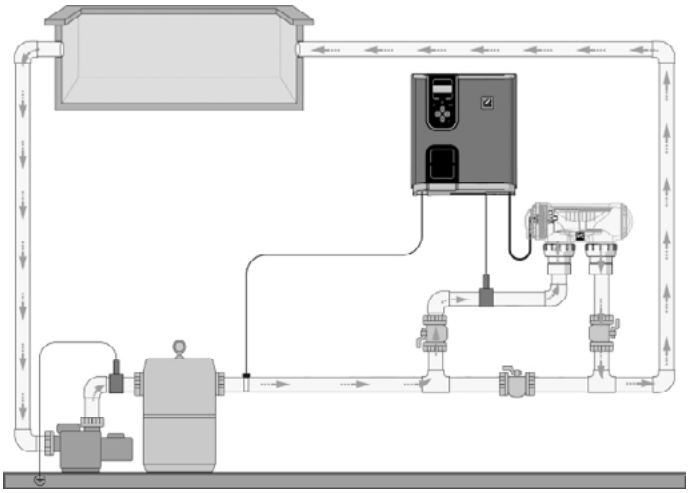
* Under good operating conditions

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)

PIÈCES DÉTACHÉES Spare parts page 312

Hydroxinator® installation diagrams



ASSOCIATED PRODUCTS

pH Link Module 2019	Dual Link Module 2019	MagnaPool® Minerals	Crystal Clear 0.7/1.3 mm	Crystal Clear 1,0/3,0 mm
WW000176	WW000177	WC000163	WF000063	WF000064

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 offered for sale on the «pool dealer» channel

PRODUCT REFERENCE

Product Reference	WC000163

DESCRIPTION

Contents	Patented MagnaPool® minerals
Formulation	Magnesium chloride and potassium chloride
Form	Tablet/powder mixture
Dosage*	5 kg/m³
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)

* Add 5 x 10kg bags per 10 m³ to measure a concentration of 4 g/L (4000 ppm).

ASSOCIATED PRODUCTS

Hydroxinator® iQ	Hydroxinator®	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
WW000172/173/174/175	WW000055/56/08/09	WF000063	WF000064

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Crystal Clear

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

Product offered for sale on the «pool dealer» channel

	Crystal Clear 0,7/1,3 mm	Crystal Clear 1,0/3,0 mm
PRODUCT REFERENCE		
Standard model	WF000063	WF000064

DESCRIPTION	
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 addtion, 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
WF000094/95/96/97/98	WW000172/173/174/175

* Turbidity reduction test carried in a lab using Crystal Clear fine under EN 16713-1 standard (test #7.2.4). Minimal regulatory requirement is 50%.

9 317545 025414

Crystal Clear 0,7/1,3 mm

9 317545 025421

Crystal Clear 1,0/3,0 mm

> NATURE² MINERAL PURIFIERS
Stand-alone and environmentally-friendly

Zodiac® mineral purifiers treat and clarify water using fewer chemical products.

> HOW DOES IT WORK?

Nature² technology combines **recognized disinfection and purification efficiency of certain mineral components** and the unique properties of a material used in high-tech industries: ceramic. It was chosen for its unequalled contact area with water, equivalent to 16 ha in our smallest cartridge (micro-porous surface area, laid flat).

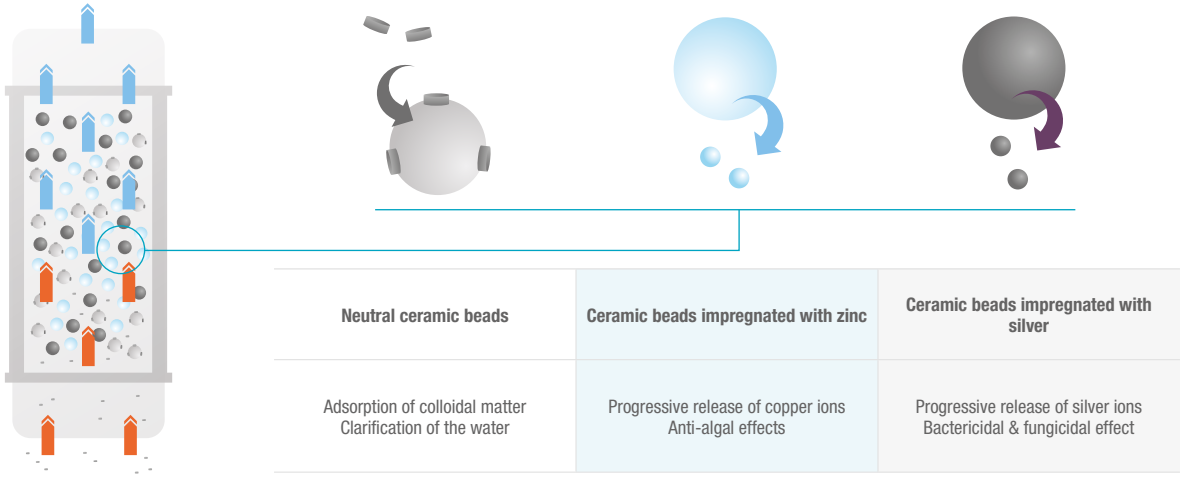
The ceramic beads retain micro-particles (colloidal matter) not stopped by the filter, to clarify the swimming pool water.

Zinc particles, coated on some ceramic beads, give Nature² cartridges algicidal properties.

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

The combined action of these 3 properties enables Nature² 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 NATURE² SPA CARTRIDGE



Neutral ceramic beads	Ceramic beads impregnated with zinc	Ceramic beads impregnated with silver
Adsorption of colloidal matter Clarification of the water	Progressive release of copper ions Anti-algal effects	Progressive release of silver ions Bactericidal & fungicidal effect

> FOR ECO-RESPONSIBLE BATHING

- Requiring up to 4 times less chlorine, Nature² 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, Nature² can also be used with a salt chlorinator, active oxygen, a UV system or an ozonator.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Nature² Spa

+ Ready to use
+ Autonomous
+ Eco-friendly

Nature² Spa Cartridge - 6-packs display

PRODUCT REFERENCE

Standard model	WN000001

ACCESSORIES INCLUDED IN THE PACK

Positioning pins

FOR WHICH POOL?

Maximum volume of treated water	0 - 4 m³

DESCRIPTION

Type of disinfectant to use	Stabilised organic chlorine, «dichlor» or «trichlor» type (tablets or granules), calcium hypochlorite inroganic 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	Nature² Fusion 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.

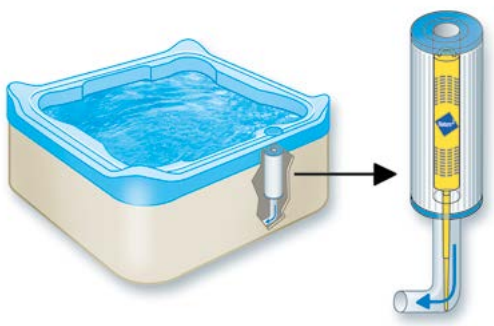
TECHNICAL SPECIFICATIONS

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.

Nature² Spa installation diagram:



9 317545 020044

Nature² Spa Cartridge - 6-packs display

Automation

INTRODUCTION **p.192**
• AquaLink® TRi p.194

> EASY, INTELLIGENT POOL AUTOMATION

Automation, as applied to the swimming pool, is intelligent management and remote control of pool equipment using any Web-enabled device (smartphone, tablet or computer).

> TECHNOLOGY SERVING YOUR SWIMMING POOL

With extensive experience in automation developed over many years in other parts of the world, Zodiac® innovates with **AquaLink® TRi, an intuitive full connected pool system** allowing you to communicate with your swimming pool using the **dedicated iAquaLink™ app.**

iAquaLink™

- **iAquaLink™ identifies the remote communication technology** used by the smartphone app (or the Website).

- **AquaLink® TRi identifies the control unit** to which all the swimming pool equipment is connected.

iAquaLink™ COMPATIBLE

REFERENCE POINT
Find iAquaLink™ compatible products using this pictogram.

For more info about Zodiac® automation scan the QR code below:

or by visiting our YouTube channel:
http://youtu.be/utgvFia1yr4

> EASY TO USE

iAquaLink™ app lets you access the pool at any time, from anywhere, at no cost*. **All Web-enabled mobile devices and computers can be used to control the pool remotely** (smartphones, tablets, PC, MAC, etc.).

Available on the iPhone App Store

Google play

HTML 5

- The free iAquaLink™ application is available for Apple® and Android™ platforms, and on virtually all other internet-connected mobile devices using the Web HTML5 application (go to www.iaqualink.com for more information).
- The AquaLink® TRi control unit also has a remote user interface giving access to all settings when the user is at home.

* Free smartphone applications. Excludes any operator charge for online data usage.

Zodiac® swimming pool automation offers 3 user interfaces:

AquaLink® TRi

Smartphone / Tablet

PC / Mac

The Zodiac® swimming pool automation system is as suitable for a new swimming pool (installation during construction) as it is for modernising an existing swimming pool ('Retrofit').

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

> HOW DOES IT WORK?

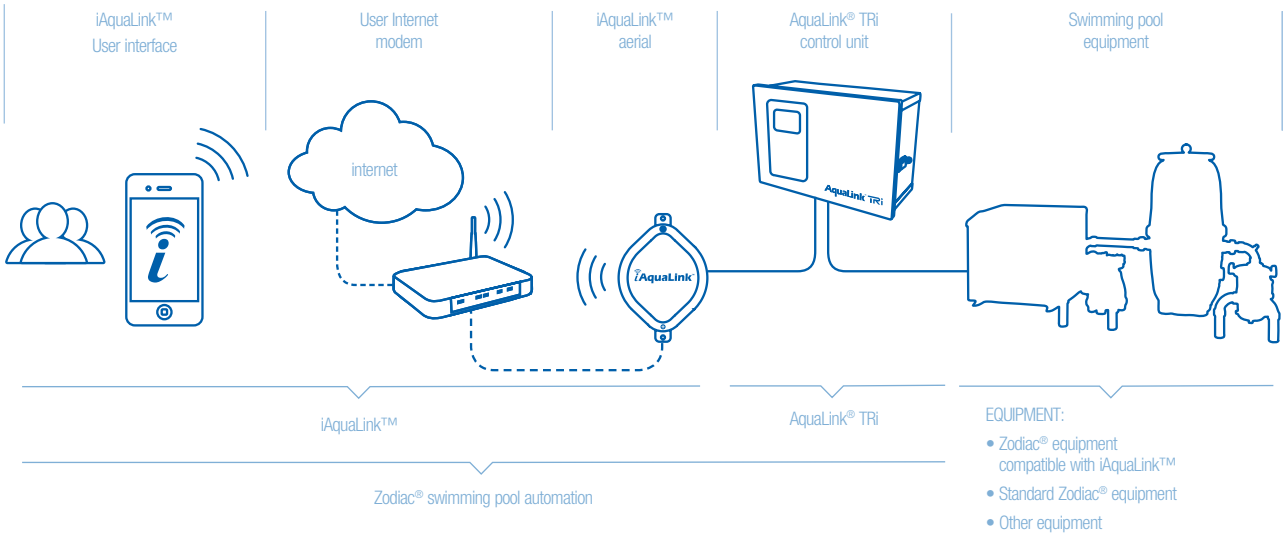
Zodiac® automation offers **efficient and customised control of all swimming pool equipment** and beyond!
Everything is connected to the AquaLink® TRi control unit to centralise information and offer the following possibilities:

- filtration times control and programming
- management of a variable speed pump (specially developed to operate with FloPro™ VS)
- control water treatment (specially developed to operate with a TRi or TRi Expert chlorinator or a MagnaPool® Hydroxinator®)
- automatic management of pH regulation (optional pH regulation module)*
- automatic management of ORP disinfection level (optional ORP regulation module)*
- control pool heating (heat pump, heat exchanger, heater, etc) & manage temp setpoint
- control pool lighting (compatible with NL Leds for colour management)
- control cleaning (booster for hydraulic pressure cleaner)
- control water features and so much more.

AquaLink®TRi offers users **intelligent and eco-responsible management of their pool.**

* Requires an upgrade for TRi chlorinators manufactured before January 2013 Control board needs to be replaced.

STANDARD INSTALLATION



COMPATIBILITY

All standard swimming pool equipment can be connected to the Zodiac® swimming pool automation system.

What's more, certain Zodiac® products, such as TRi platform chlorinators or the FloPro™ VS variable speed pump are specifically developped to work seamlessly with AquaLink® TRi. User benefits from two-way exchanges with his pool equipment, making the most of advanced functionalities.

Products compatible with remote management through iAquaLink™ app:

Led NL lamps

TRi Expert, TRi Expert LS & Hydroxinator® (old version)

FloPro™ VS & FloPro™ VA AUT

AquaLink® TRi

+ Easy to use: Multilingual and intuitive user interface, can be used remotely
+ Versatile: Compatible with all standard swimming pool equipment
+ Intelligent: iAquaLink™ advanced connectivity and dedicated smartphone application
+ Synergy: Enhances operation of swimming pool equipment

2 YEAR WARRANTY

PRODUCT REFERENCE

WA000016

ACCESSORIES INCLUDED IN THE PACK

iAquaLink™ antenna kit	Remote user interface kit	Temperature sensor kit	Installation kit

DESCRIPTION

User interface	10-line, backlit LCD screen, remote interface (remote kit supplied)
Languages	8 (FR-EN-ES-DE-IT-NL-PT-AF)
Operating mode(s)	normal (programmed pool mode), Manual, Service mode
Clock / Timer	24 h clock, up to 10 timers per controlled equipment
Safety features	Operating safety features with messages based on selected scenario
Connection to domestic internet network (via iAquaLink™ aerial)	Wired (using a RJ45 ethernet cable - not provided)
Possible user interfaces	AquaLink® TRi LCD screen (usable remotely)
Compatible mobile platforms	Apple® (free application) Android™ (free application) Any other mobile platform (HTML5 web application)
Dedicated Web Site	www.iaqualink.com

TECHNICAL SPECIFICATIONS

Integrated outputs	RS485 connector for all 'iAquaLink™ ready' devices (Use of the multiplexed interface card is optional if more than 2 devices are connected to it) Specific contact to control the heating system (heat pump, heat exchanger, electric heater)
Configurable outputs	4 relays, 0-250 V / 0-25 A, to control all high or low voltage equipment: filtration pump, booster pump, counter-swim pump, standard chlorinator, lighting transformer, garden lighting, etc.
Inputs	Temperature sensor for ambient air Temperature sensor for water in the pool Temperature sensor for solar heating (option)
Control unit dimensions (W x H x D)	37 x 30 x 14 cm
Protection rating	IP55
50 Hz power supply	220-240 VAC

9 317545 019239

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

INSTALLATION

A = 4 relays to control any high or low voltage appliance (0-25 A). Can be used as a dry contact if only one connector pair is used (L1/Lo1 or L2/Lo2). The first relay (named « filter pump ») is only dedicated to filter pump supply (single speed, dual speed or variable speed pump).
B = 24 Vdc supply command of the 4 relays (filter pump, auxiliaries 1, 2 and 3)
C = Green terminal bar with the following connections :

- 1-2 : Dry contact for heater system management
- 3-4 : Solar heater temperature sensor connection (optional)
- 5-6 : Water temperature sensor connection
- 7-8 : Ambiant air temperature sensor connection

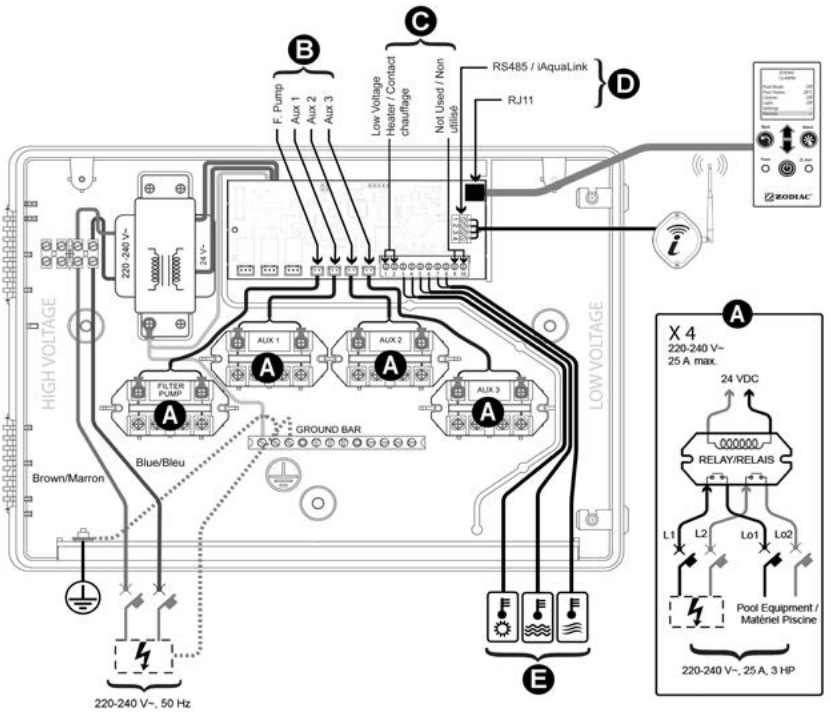
D = Connectors for external equipment :

- RS485 / iAquaLink™ 4-way connector :
  - iAquaLink™ antenna (provided with AquaLink® TRi unit)
  - « iAquaLink™ ready » appliances (Hydroxinator®, TRi Expert, TRi, FloPro™ VS AUT…).
  Remark : A multiplex board must be used if more than 2 appliances are connected to RS485 / iAquaLink™4-way connector (optional, part R0570200).
- RJ11 socket : Removable user interface. A remote kit is provided with a 5 m RJ11 cable.

E = Temperature sensors (from left to right) :

- Solar heater temperature sensor (optional)
- Water temperature sensor
- Ambiant air temperature sensor

Diagram of standard connections on AquaLink® TRi



PIÈCES DÉTACHÉES **Spare parts p.326**

FUNCTIONALITIES AND COMPATIBILITIES

	Air temperature	Water temperature	Filtration pump	Zodiac variable speed pump	Heating (all types)	Standard chlorinator	Zodiac chlorinators (TRi Expert, Hydroxinator)	Boost & Low modes	pH & Redox values	Auxiliaries 1, 2 & 3	Colour lights (NL Leds)
Information	✔								✔		
Information + control		✔	✔		✔	✔				✔	✔
Information + bilateral control				✔			✔	✔			

* depends on compatibility

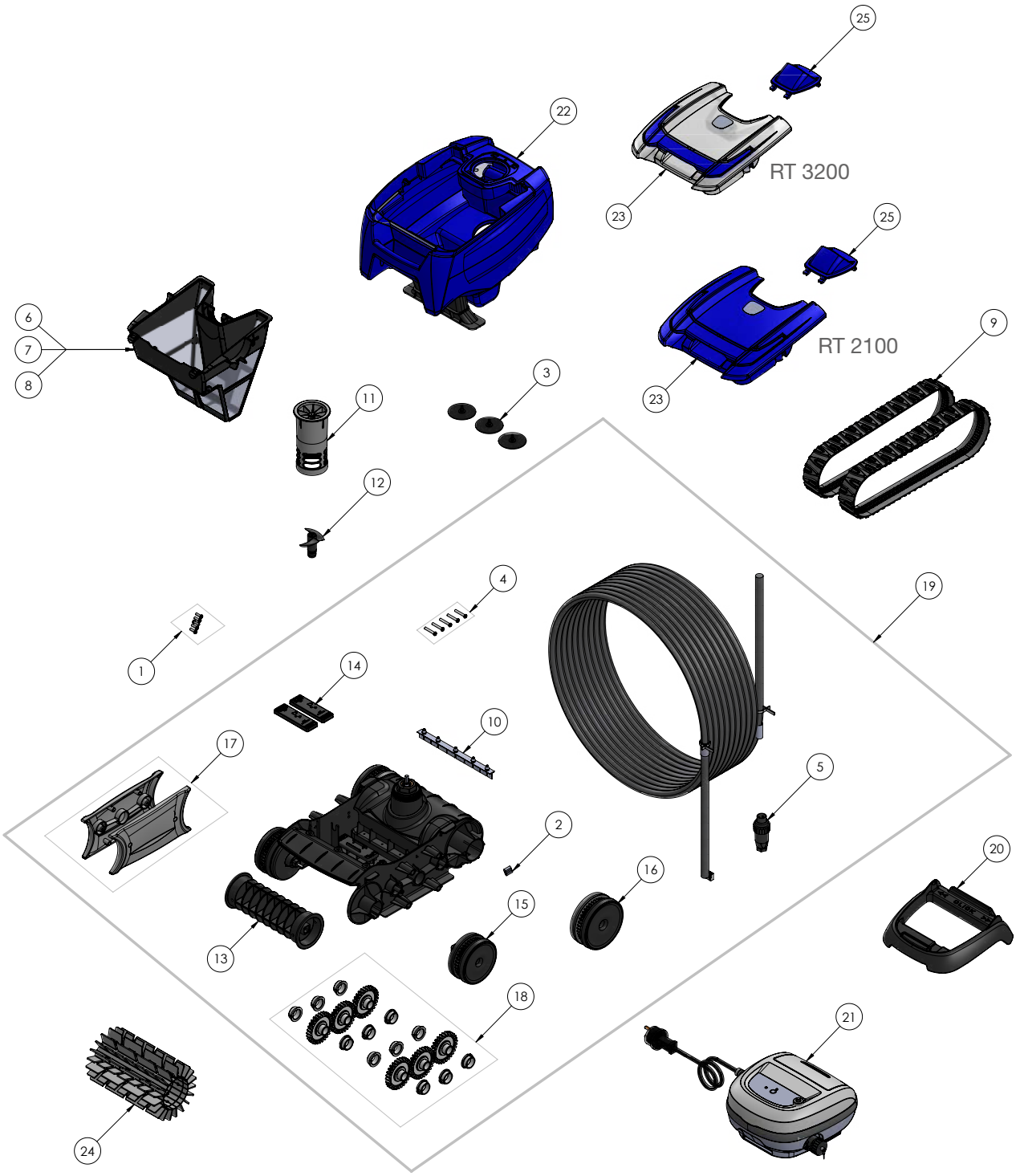
OPTIONAL ACCESSORIES & ASSOCIATED PRODUCTS

	Multiplex board	TRi Expert *	TRi Expert LS	Hydroxinator® *	FloProTM VS AUT
reference	R0570200		WW000133 & WW000134		WP000079
ex VAT Price	**54,09 € ex VAT**				

* available while stock lasts

RT 2100 / RT 3200

Spare Parts



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	RT 2100	RT 3200	Price ex VAT
1	Screw 4*12 mm (Set of 5)	R0516700		**1,37 €**
2	Motor block Shaft pin Ø4 (Set of 5)	R0657900		**7,61 €**
3	Exhaust Valve C (Set of 3)	R0633300		**5,37 €**
4	Screw 4*25 mm (Set of 5)	R0638900		**2,29 €**
5	Floating cable plug	R0565600		**31,71 €**
6	Fine filter	R0762900		**38,33 €**
7	Large filter	R0763000		**38,33 €**
8	Ultra Fine filter	R0763100		**38,33 €**
9	Tracks (Set of 2)	R0765600		**25,66 €**
10	Blades (Set of 5)	R0765800		**13,06 €**
11	Internal flow outlet	R0766100		**8,05 €**
12	Impeller	R0766200		**2,46 €**
13	Brush holder	R0767000		**13,84 €**
14	Ballast (Set of 2)	R0767100		**12,11 €**
15	Complete Front wheels (Set of 2)	R0771800		**25,61 €**
16	Complete Back wheels (Set of 2)	R0771900		**26,72 €**
17	Flanges	R0772000		**11,21 €**
18	Complete gears kit	R0772100		**19,10 €**
19	Complete chassis	R0767400		**319,93 €**
20	Control unit base	R0662600		**19,64 €**
21	Control Unit floor	R0762200		**276,29 €**
	Control Unit floor & wall		R0762300	**276,29 €**
22	Complete body type 1	R0766300		**76,69 €**
23	Complete cover type 11	R0764500		**41,01 €**
	Complete cover type 9		R0764300	**40,70 €**
24	Brush R9022	R0764900		**21,13 €**
25	External Flow OutletPMS295	R0772200		**3,63 €**

RC 4400 - RC 4401

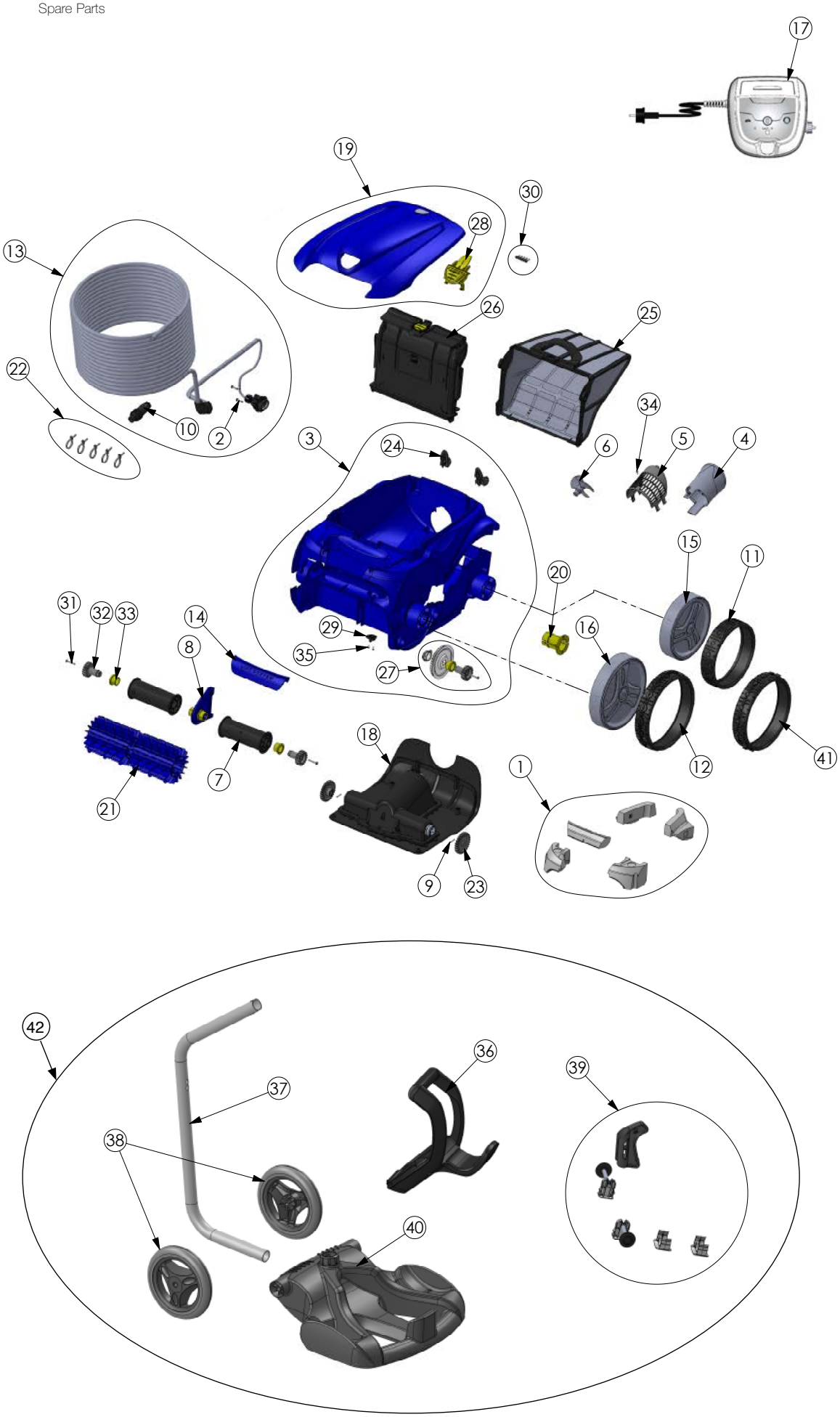
Spare Parts

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Complete Motor Block C	R0632000	**327,76 €**
2	BowlC	R0633400	**71,01 €**
3	Impeller C	R0633200	**5,37 €**
4	Flow OutletC	R0633500	**9,33 €**
5	Exhaust Valve C (Set of 3)	R0633300	**5,37 €**
6	Motor block Shaft pin Ø4 (Set of 5)	R0657900	**7,61 €**
7	Handle Shaft C	R0633600	**18,30 €**
8	Complete free gear box C RAL9022	R0632200	**76,48 €**
9	Complete gear box C RAL9022	R0632300	**109,25 €**
10	Track C Z (Set of 2)	R0633900	**43,70 €**
11	Bottom plate	R0633800	**19,64 €**
12	body A Blue C	R0633700	**19,64 €**
13	Brush scrubber C RAL9022 Z (Set of 2)	R0633100	**43,70 €**
14	Complete filter 100 C Z	R0632600	**43,70 €**
15	Complete filter 200 C Z	R0632601	**43,70 €**
16	Complete filter 60 C Z	R0632602	**43,70 €**
17	Complete cover C A-0	R0632400	**71,01 €**
18	Complete Handle C Blue Z	R0631900	**43,70 €**
19	Complete Floating cable C 18 m	R0632101	**212,10 €**
20	Connector 3PTS body	R0634100	**15,86 €**
21	Floating cable CZ	R0634200	**9,10 €**
22	Caddy Handle	R0565000	**19,64 €**
23	Caddy wheels (*2)	R0565100	**32,23 €**
24	Trolley tube C	R0634400	**32,23 €**
25	Complete lower partTrolley C	R0632800	**32,23 €**
26	Trolley C Accessories	R0632900	**20,21 €**
27	Screw 4*12 mm (Set of 5)	R0516700	**1,37 €**
28	Screw 4*16mm (Set of 5)	R0608500	**1,09 €**
29	Control box type 1 C	R0633000	**355,07 €**
30	Polyester Brushes (*2)	R0697600	**65,55 €**
31	Complete Brush roller C + 2 keys	R0722400	**46,82 €**
32	Transport Trolley Vortex	R0639500	**98,33 €**
-	Kit for splippery surfaces *2	R0718600	**129,21 €**

RV 4400

Spare Parts



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Float	R0539700	**13,20 €**
2	Screw 4*16mm (Set of 5)	R0608500	**1,09 €**
3	Main housing 2wd ii	R0589100	**109,25 €**
4	Flow Outlet	R0517500	**9,33 €**
5	Motor screen	R0517600	**2,71 €**
6	Propeller	R0517000	**5,37 €**
7	Brush roller	R0517400	**36,06 €**
8	Roller support	R0518700	**2,67 €**
9	Motor block Shaft pin (Set of 5)	R0567800	**4,15 €**
10	Floating cable plug	R0565600	**31,71 €**
11	Tire rear black zodiac	R0636300	**9,82 €**
12	Tire Large black zodiac	R0636201	**9,82 €**
13	Floating cable 18m	R0516800	**212,10 €**
14	Handle pms295 ls	R0636500	**9,33 €**
15	Rim rear r9022 zodiac	R0636100	**9,53 €**
16	Rim Large r9022 zodiac	R0636001	**9,53 €**
17	Control unit type 1v	R0636900	**355,07 €**
18	Motor block type a	R0637800	**318,15 €**
19	Hood blue	R0544700	**54,63 €**
20	Wheel bushing zodiac	R0636700	**3,64 €**
21	Zodiac Brush (Set of 2)	R0635900	**28,69 €**
22	Floating cable clamp (Set of 5)	R0567900	**3,49 €**
23	Drive gear (Set of 2)	R0518800	**7,61 €**
24	Roller (Set of 2)	R0518100	**26,22 €**
25	Fine filter v	R0636600	**49,16 €**
26	filter canister support	R0517700	**22,34 €**
27	Transmission	R0517200	**18,30 €**
28	cover latch grip pms108	R0638700	**2,67 €**
29	Rampe	R0519000	**5,46 €**
30	Screw 4*12 mm (Set of 5)	R0516700	**1,37 €**
31	Screw 4*25 mm (Set of 5)	R0638900	**2,29 €**
32	17 Gear (*2)	R0639000	**7,19 €**
33	Outer bearing (*2)	R0639100	**2,67 €**
34	Screw 2.9*9.5 mm (Set of 5)	R0639200	**1,09 €**
35	Screw 2.2*6,5 mm (*5)	R0564500	**1,36 €**
36	Caddy Handle	R0565000	**19,64 €**
37	Caddy tube	R0565200	**32,23 €**
38	Caddy wheels (*2)	R0565100	**32,23 €**
39	Caddy Accessories	R0564900	**20,21 €**
40	Caddy base	R0564800	**32,23 €**
41	Tire Large tile zodiac	R0636400	**30,32 €**
42	CompleteTrolley	R0609100	**98,33 €**

RV 5300/5400/5500/5600

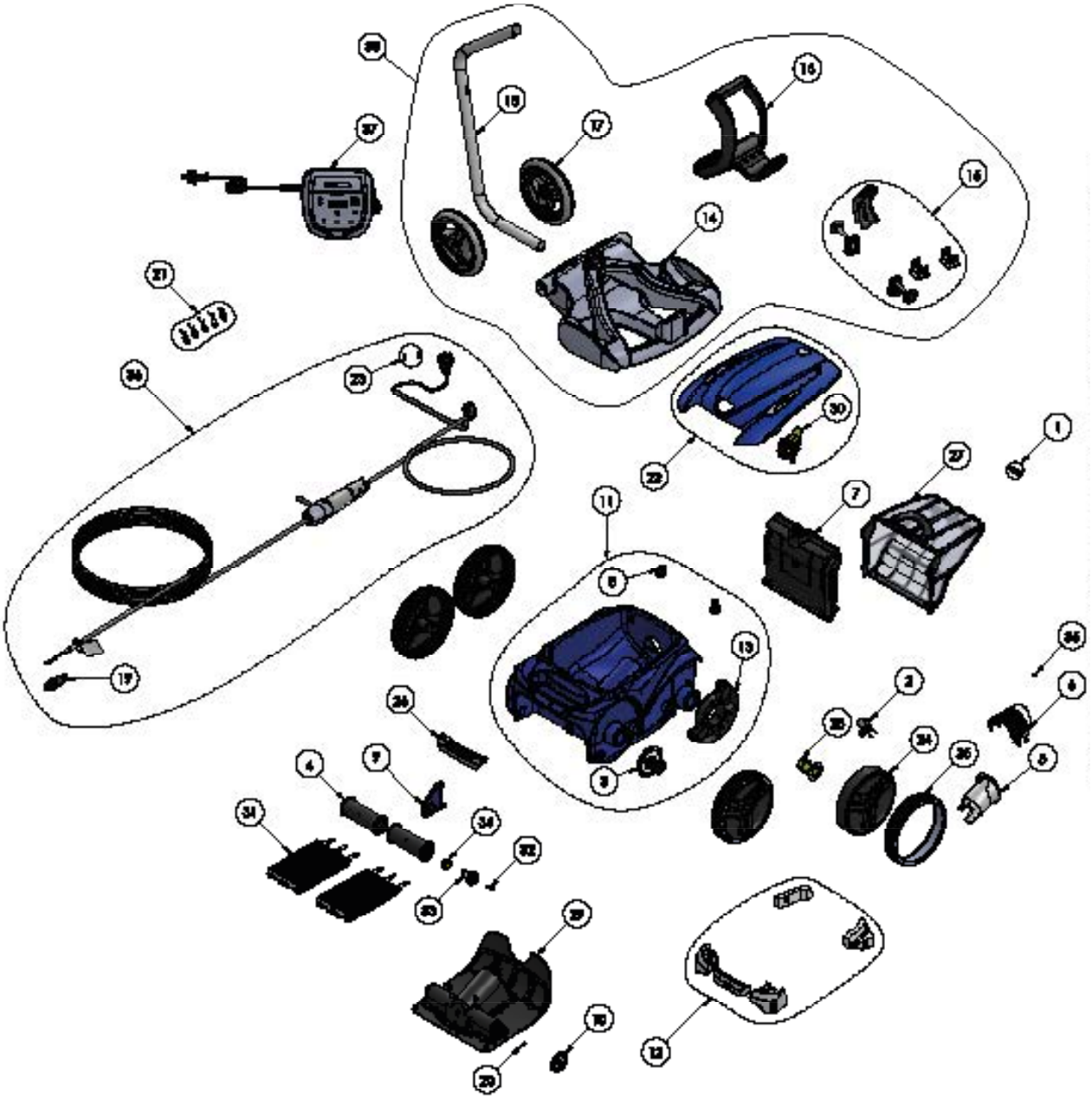
Spare Parts

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	RV 5300	RV 5400	RV 5500	RV 5600	Price ex VAT
1	Screw 4*12 mm (Set of 5)	R0516700				1,37 €
2	Propeller	R0517000				5,37 €
3	Transmission	R0517200				18,30 €
4	Brush roller	R0517400				36,06 €
5	Flow Outlet	R0517500				9,33 €
6	Motor screen	R0517600				2,71 €
7	filter canister support	R0517700				22,34 €
8	Roller (Set of 2)	R0518100				26,22 €
9	Roller support	R0518700				2,67 €
10	Drive gear (Set of 2)	R0518800				7,61 €
11	Main housing 4wd blue	R0539200				109,25 €
13	cover wheels protection	R0540300				4,53 €
14	Caddy base	R0564800				32,23 €
15	Caddy Accessories	R0564900				20,21 €
16	Caddy Handle	R0565000				19,64 €
17	Caddy wheels (*2)	R0565100				32,23 €
18	Caddy tube	R0565200				32,23 €
19	Floating cable plug	R0565600				31,71 €
20	Motor block Shaft pin (Set of 5)	R0567800				4,15 €
21	Floating cable clamp (Set of 5)	R0567900				3,49 €
22	Hood blue deco	R0595900				54,63 €
	Hood blue spoiler			R0596000		54,63 €
23	Screw 4*16mm (Set of 5)	R0608500				1,09 €
24	Rim Large black zodiac	R0636000				9,53 €
25	Tire Large ral9022 zodiac	R0636200				9,82 €
26	Handle RAL9022 zodiac	R0540403				9,33 €
	Handle ral9022 ls		R0636501			9,33 €
27	Fine filter v	R0636600				49,16 €
28	Wheel bushing zodiac	R0636700				3,64 €
29	Motor block type c	R0638000				318,15 €
	Motor block type d			R0638100		344,66 €
30	cover latch grip pms108	R0638700				2,67 €
31	Brush (Set of 2)	R0638800				57,23 €
32	Screw 4*25 mm (Set of 5)	R0638900				2,29 €
33	17 Gear (*2)	R0639000				7,19 €
34	Outer bearing (*2)	R0639100				2,67 €
35	Screw 2.9*9.5 mm (Set of 5)	R0639200				1,09 €
36	Float	R0539700				13,20 €
	Floating cable 18m swivel		R0726600			257,55 €
	Floating cable 21m swivel			R0726700		278,15 €
	Floating cable 25m				R0713200	292,90 €
	Floating cable 18m	R0516800				212,10 €
37	Control unit type 4v			R0637200		409,70 €
	Control unit type 10v				R0713400	390,19 €
	Control unit type 3v		R0637100			382,39 €
	Control unit type 12v	R0805400				355,07 €
38	CompleteTrolley	R0609100				98,33 €
39	Remote Control zodiac			R0548400		114,71 €
40	Remote Control holster			R0548500		3,96 €

RV 5480 iQ

Spare Parts



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Screw 4*12 mm (Set of 5)	R0516700	**1,37 €**
2	Propeller	R0517000	**5,37 €**
3	Transmission	R0517200	**18,30 €**
4	Brush roller	R0517400	**36,06 €**
5	Flow Outlet	R0517500	**9,33 €**
6	Motor screen	R0517600	**2,71 €**
7	filter canister support	R0517700	**22,34 €**
8	Roller (Set of 2)	R0518100	**26,22 €**
9	Roller support	R0518700	**2,67 €**
10	Drive gear (Set of 2)	R0518800	**7,61 €**
11	Main housing 4wd blue	R0539200	**109,25 €**
12	Float	R0539700	**13,20 €**
13	cover wheels protection	R0540300	**4,53 €**
14	Caddy base	R0564800	**32,23 €**
15	Caddy Accessories	R0564900	**20,21 €**
16	Caddy Handle	R0565000	**19,64 €**
17	Caddy wheels (*2)	R0565100	**32,23 €**
18	Caddy tube	R0565200	**32,23 €**
19	Floating cable plug	R0565600	**31,71 €**
20	Motor block Shaft pin (Set of 5)	R0567800	**4,15 €**
21	Floating cable clamp (Set of 5)	R0567900	**3,49 €**
22	Hood blue deco	R0595900	**54,63 €**
23	Screw 4*16mm (Set of 5)	R0608500	**1,09 €**
24	Rim Large black zodiac	R0636000	**9,53 €**
25	Tire Large ral9022 zodiac	R0636200	**9,82 €**
26	Handle ral9022 ls	R0636501	**9,33 €**
27	Fine filter v	R0636600	**49,16 €**
28	Wheel bushing zodiac	R0636700	**3,64 €**
29	Motor block type d	R0638100	**344,66 €**
30	cover latch grip pms108	R0638700	**2,67 €**
31	Brush (Set of 2)	R0638800	**57,23 €**
32	Screw 4*25 mm (Set of 5)	R0638900	**2,29 €**
33	17 Gear (*2)	R0639000	**7,19 €**
34	Outer bearing (*2)	R0639100	**2,67 €**
35	Screw 2.9*9.5 mm (Set of 5)	R0639200	**1,09 €**
36	Floating cable 18m swivel	R0726600	**257,55 €**
37	Control unit iQ type 1EU	R0762100	**409,70 €**
38	CompleteTrolley	R0609100	**98,33 €**

Vortex™ 1

Spare Parts

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Complete smart motor block	W2120A	**189,27 €**
2	Complete smart rear wheel	W2103A	**12,78 €**
3	Smart rear wheel axle	W2106A	**1,44 €**
4	Complete smart front wheel	W2102A	**42,94 €**
5	Complete vortex™ 1 cover	W2111A	**8,75 €**
6	Complete smart Brush	W2107A	**57,36 €**
7	Smart right rotation kit	W2119A	**4,33 €**
8	Smart flow guide kit	W2112A	**7,38 €**
9	Smart propeller kit	W2113A	**2,90 €**
10	Smart rear Handle kit	W2117A	**9,46 €**
11	Smart left rotation kit	W2118A	**3,38 €**
12	Smart lest kit -16	W2204A	**15,10 €**
13	Smart outlet valve kit	W2115A	**6,42 €**
14	Smart filter	W2109B	**181,80 €**
15	Smart Floating cable kit	W2104A	**21,38 €**
16	Smart front wheel bandage kit	W2105A	**2,90 €**
17	Smart Floating cable kit-150	W2205A	**9,56 €**
18	Complete smart cable floater	W2108A	**4,66 €**
19	Smart valve cover kit	W2100A	**286,79 €**
20	Control box mounting	W2101A	**2,16 €**
21	cover float side	W2162A	**2,16 €**
22	cover float top	W2161A	**2,16 €**
23	Smart waterproof o-ring seal	W2320A	**2,16 €**
24	Vortex ™ 1 pack 2 filters 100 microns	W2199A	**55,98 €**
24	Vortex™ 1 pack 2 filters 200 microns	W2198A	**67,13 €**
-	Vortex™ 1 transport bag	W2200A	**36,45 €**

Vortex™ 2/3/4

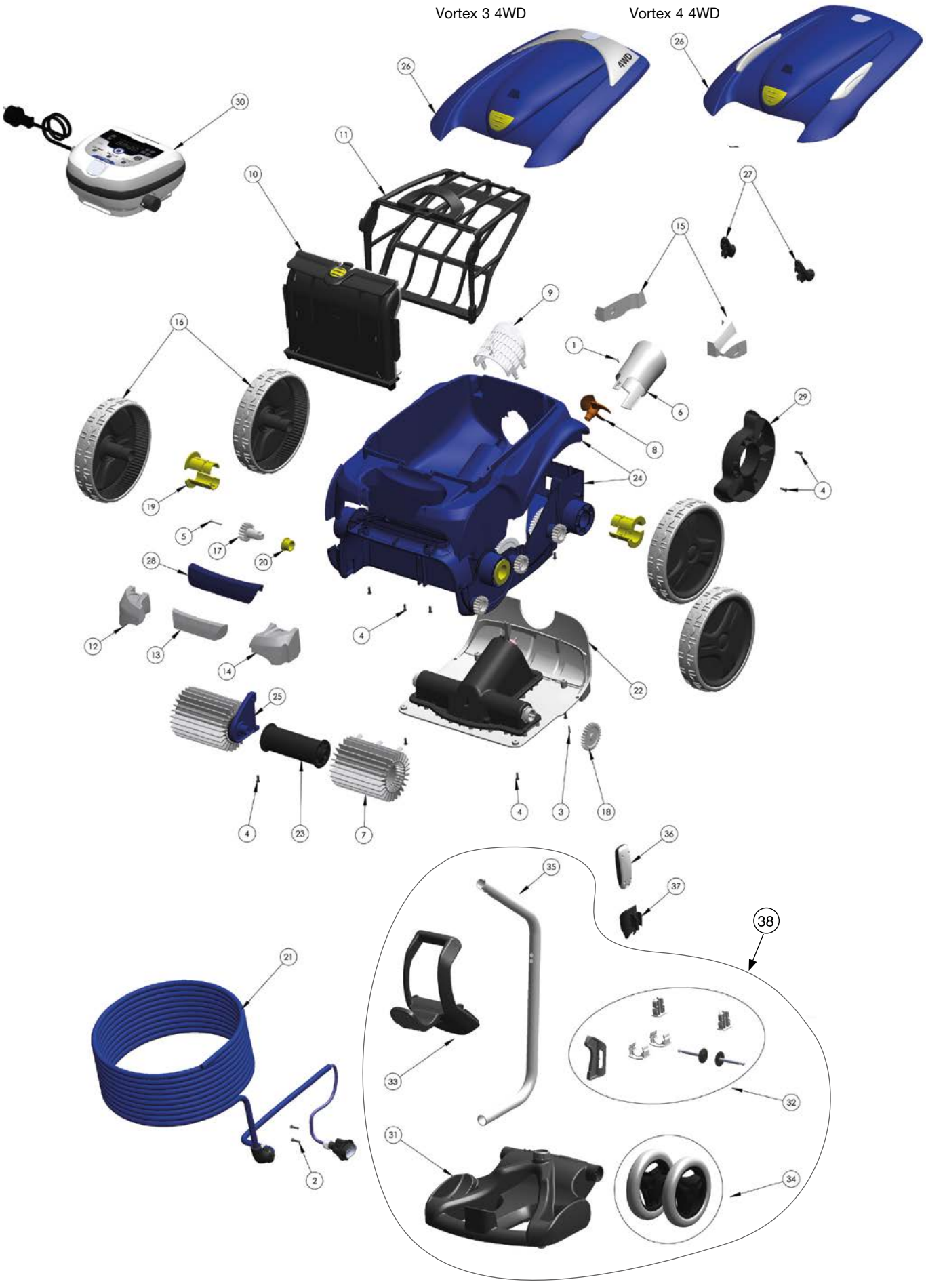
Spare Parts

ZPOE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Vortex 2	Vortex 3	Vortex 4	Price ex VAT
1	Screw 2.9*9.5 mm (Set of 5)		R0639200		1,09 €
2	Screw 4*16mm (Set of 5)		R0608500		1,09 €
3	Motor block Shaft pin (Set of 5)		R0567800		4,15 €
4	Screw 4*12 mm (Set of 5)		R0516700		1,37 €
5	Screw 4*25 mm (Set of 5)		R0638900		2,29 €
6	Flow Outlet		R0517500		9,33 €
7	Zodiac Brush (Set of 2)	R0635900			28,69 €
	Brush (Set of 2)			R0638800	57,23 €
8	Propeller		R0517000		5,37 €
9	Motor screen		R0517600		2,71 €
10	filter canister support		R0517700		22,34 €
11	Fine filter v		R0636600		49,16 €
	Large filter v		R0643700		49,16 €
	Ultra Fine filter v		R0638600		49,16 €
12	Float		R0539700		13,20 €
13	Float		R0539700		13,20 €
14	Tire Large black zodiac		R0636201		9,82 €
	Tire Large tile zodiac		R0636400		30,32 €
	Rim rear r9022 zodiac		R0636100		9,53 €
15	Tire rear black zodiac		R0636300		9,82 €
	Rim Large r9022 zodiac		R0636001		9,53 €
16	17 Gear (*2)		R0639000		7,19 €
17	Drive gear (Set of 2)		R0518800		7,61 €
18	Wheel bushing zodiac		R0636700		3,64 €
19	Outer bearing (*2)		R0639100		2,67 €
20	Floating cable 15m	R0636800			181,80 €
	Floating cable 18m		R0516800		212,10 €
	Floating cable 21m			R0528700	252,50 €
21	Brush roller		R0517400		36,06 €
22	Main housing 2wd ii		R0589100		109,25 €
23	Roller support		R0518700		2,67 €
24	Hood blue	R0544700			54,63 €
	cover rv4550			R0638500	54,63 €
25	Roller (Set of 2)		R0518100		26,22 €
26	Screw 2.2*6,5 mm (*5)		R0564500		1,36 €
27	Rampe		R0519000		5,46 €
28	Motor block type a	R0637800			318,15 €
	Motor block type b			R0637900	318,15 €
29	V4 remote Control		W1889A		172,09 €
30	Control unit type 5v	R0637300			355,07 €
	Control unit Vortex™ 3		W1888B		382,39 €
	Generic command box			W2076B	382,39 €
31	Floating cable clamp (Set of 5)		R0567900		3,49 €
32	cover latch grip pms108		R0638700		2,67 €
33	Transmission		R0517200		18,30 €
34	Floating cable plug		R0565600		31,71 €
35	V4 remote Control			W2037A	114,71 €
36	Control unit base	R0662600			19,64 €
	Protective cover (for w1889a caddy)		W1581B		45,57 €

Vortex™ 3 4WD /4 4WD

Spare Parts

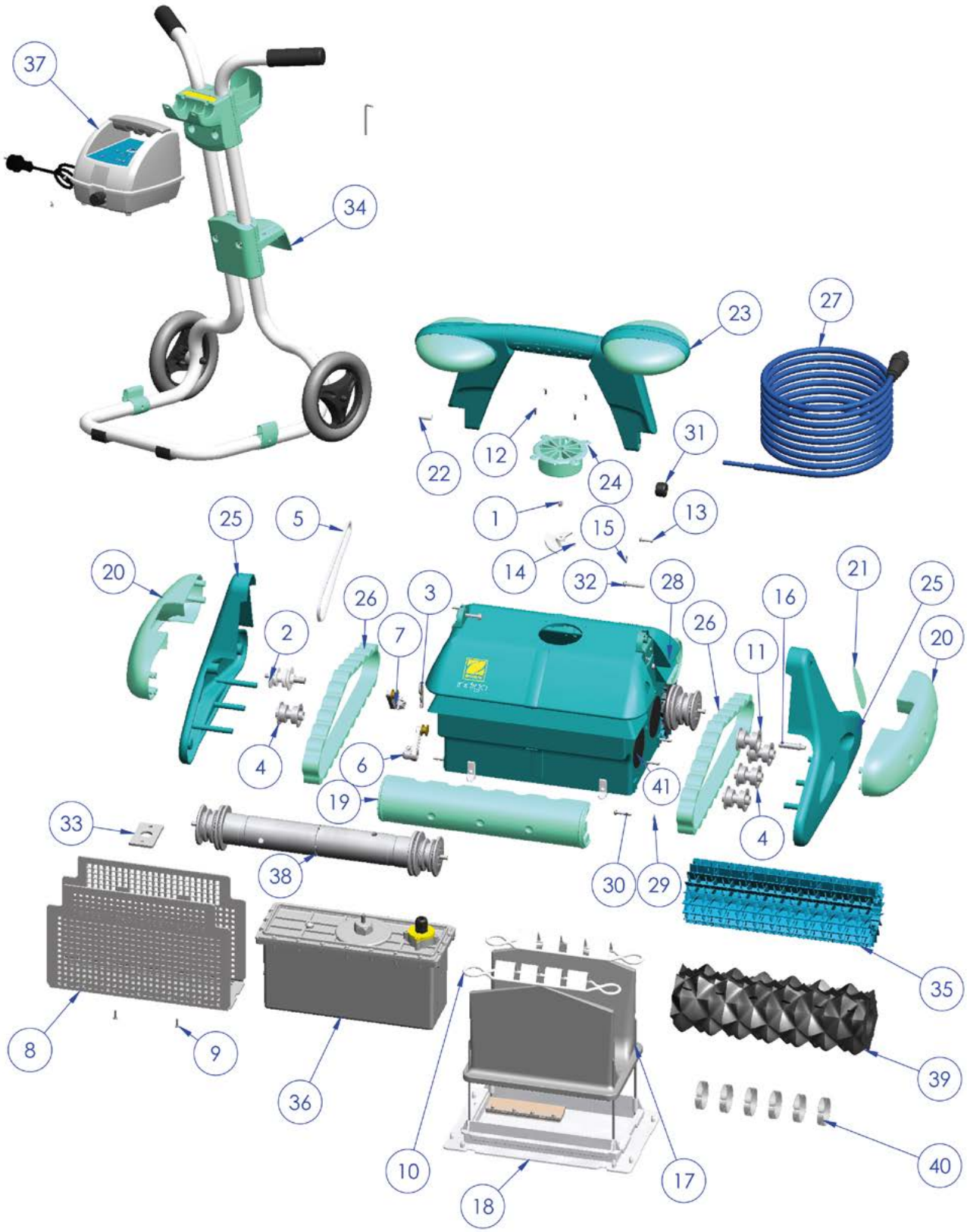


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Repère	Désignation	Vortex 3 4WD	Vortex 4 4WD	Tarifs H.T.
1	Screw 2.9*9.5 mm (Set of 5)	R0639200		1,09 €
2	Screw 4*16mm (Set of 5)	R0608500		1,09 €
3	Motor block Shaft pin (Set of 5)	R0567800		4,15 €
4	Screw 4*12 mm (Set of 5)	R0516700		1,37 €
5	Screw 4*25 mm (Set of 5)	R0638900		2,29 €
6	Flow Outlet	R0517500		9,33 €
8	Propeller	R0517000		5,37 €
9	Motor screen	R0517600		2,71 €
10	filter canister support	R0517700		22,34 €
11	Fine filter v	R0636600		49,16 €
	Large filter v	R0643700		49,16 €
	Ultra Fine filter v	R0638600		49,16 €
12	Float	R0539700		13,20 €
13				13,20 €
14				13,20 €
15				13,20 €
16	Tire Large ral9022 zodiac	R0636200		9,82 €
	Rim Large black zodiac	R0636000		9,53 €
17	17 Gear (*2)	R0639000		7,19 €
18	Drive gear (Set of 2)	R0518800		7,61 €
19	Wheel bushing zodiac	R0636700		3,64 €
20	Outer bearing (*2)	R0639100		2,67 €
21	Floating cable 18m	R0516800		212,10 €
	Floating cable 21m		R0528700	252,50 €
22	Motor block type c	R0638000		318,15 €
	Motor block type d		R0638100	344,66 €
23	Brush roller	R0517400		36,06 €
24	Main housing 4wd blue	R0539200		109,25 €
25	Zodiac Brush (Set of 2)	R0635900		28,69 €
	Brush (Set of 2)		R0638800	57,23 €
	Roller support	R0518700		2,67 €
26	Hood blue deco	R0595900		54,63 €
	Hood blue spoiler		R0596000	54,63 €
27	Roller (Set of 2)	R0518100		26,22 €
28	Handle blue	R0540400		3,91 €
29	cover wheels protection	R0540300		4,53 €
30	Control unit type 3v	R0637100		382,39 €
	Control unit type 4v		R0637200	409,70 €
31	Caddy base	R0564800		32,23 €
32	Caddy Accessories	R0564900		20,21 €
33	Caddy Handle	R0565000		19,64 €
34	Caddy wheels (*2)	R0565100		32,23 €
35	Caddy tube	R0565200		32,23 €
36	Remote Control zodiac		R0548400	114,71 €
37	Remote Control holster		R0548500	3,96 €
-	Protective cover (for w1889a caddy)	W1581B		45,57 €
	Protective cover zodiac	W2465A		45,57 €

Indigo™

Spare Parts



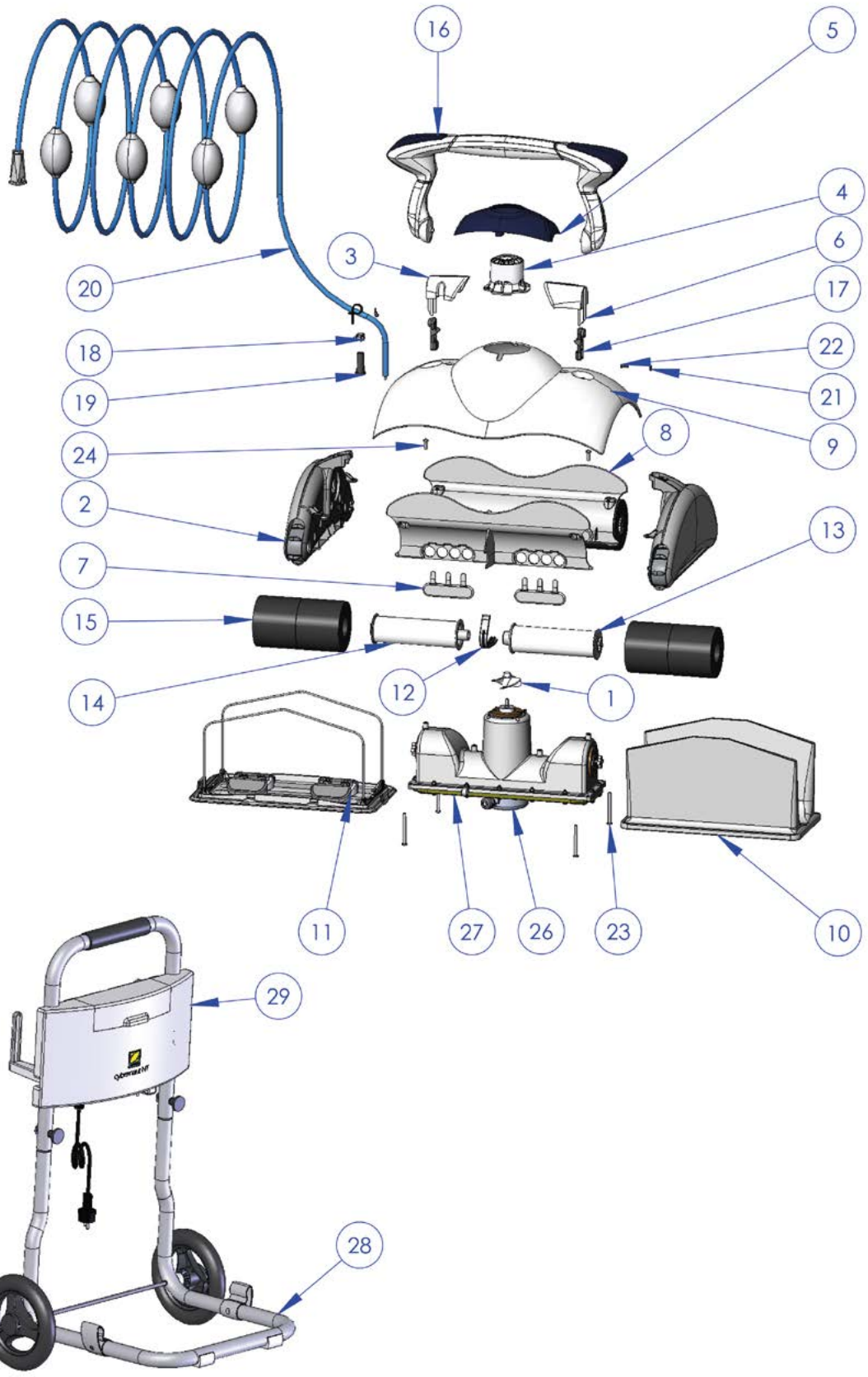
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Handle Cap Diam 6mm	W0002A	**0,30 €**
2	Motor Shaft Pulley	W0010A	**21,28 €**
3	Beta Pin	W0011A	**1,45 €**
4	Long Track Guide Pulley	W0013A	**2,78 €**
5	Transmission Belt	W0014A	**5,91 €**
6	S Shaped Belt Tensioner	W0037A	**10,64 €**
7	C Shaped Belt Tensioner	W0038A	**10,64 €**
8	Motor Casing Protection Grid	W0044A	**11,06 €**
9	Screw VT TCL Pozi 3.5X13 A2	W0090A	**0,28 €**
10	filter Bag Blocking Peg	W0095A	**1,92 €**
11	Short Track Guide Pulley	W0121A	**2,57 €**
12	Screw VT TFC Pozi 2.9X9.5 A2	W0351A	**0,21 €**
13	Screw VT TCL Pozi 3.5X19 A2	W0375A	**0,29 €**
14	Swr white Propeller Dia 64	W0435A	**4,77 €**
16	Axle Pulley Track	W1125A	**2,21 €**
17	AF2 filter Bag With Eyeholes	W1187B	**25,67 €**
18	Complete 1E filter Holder white	W0027D	**126,27 €**
19	Green Front Bumper	W1208A	**7,26 €**
20	Green Side Bumper	W1209A	**7,26 €**
21	Drip Loop Adhesive	W1214A	**4,52 €**
22	Handle Spacer	W1216A	**0,95 €**
23	Complete Handle	W1219A	**66,45 €**
24	Blue Indigo™ Flow Guide	W1220A	**10,39 €**
25	Indigo™ C Track cover	W1221A	**21,82 €**
26	Blue Track	W1222A	**16,23 €**
27	18M-8-4Pt P299 Floating cable	W1226A	**212,10 €**
28	Complete Indigo™ body	W1286A	**54,63 €**
29	Washer M4 A2	W0017A	**0,14 €**
30	Screw VT TCL Pozi 3.9X25 A2	W0164A	**0,20 €**
31	DM8 Cable Tightener Black	W1215A	**1,65 €**
32	Screw VM TCL Pozi 5X30 A4	W1412A	**1,15 €**
33	Stainless Steel Weight	W1521A	**5,50 €**
34	Europe Indigo™ Caddy	W1534A	**148,30 €**
35	Blue Blade Brush (Set of 2)	W1585A	**57,25 €**
36	2M 2008 Motor Block	W1655A	**589,11 €**
37	Generic 08 Control Box	W1671B	**382,39 €**
38	Brush Holder	W0018A	**30,74 €**
39	Black Foam Brush PPI 60	W0887A	**40,42 €**
40	Foam Fixing Clip	W0139A	**0,65 €**
41	Shell Round Valve Black	W0019B	**1,30 €**
-	AF2 filter Bag With Eyeholes	W1187B	**25,67 €**
	Large debris filter bag	W1579A	**25,67 €**
	Ultra fine debris filter bag	W1583A	**79,55 €**
	Black Foam Brush PPI 60	W0887A	**40,42 €**
	6 Foam clips	W0889A	**8,09 €**
	Rubber Brush Black	W1586A	**57,25 €**
	Blue Blade Brush (Set of 2)	W1585A	**57,25 €**

Until the stocks are exhausted

Cybernaut™ NT 17M & 25M

Spare Parts



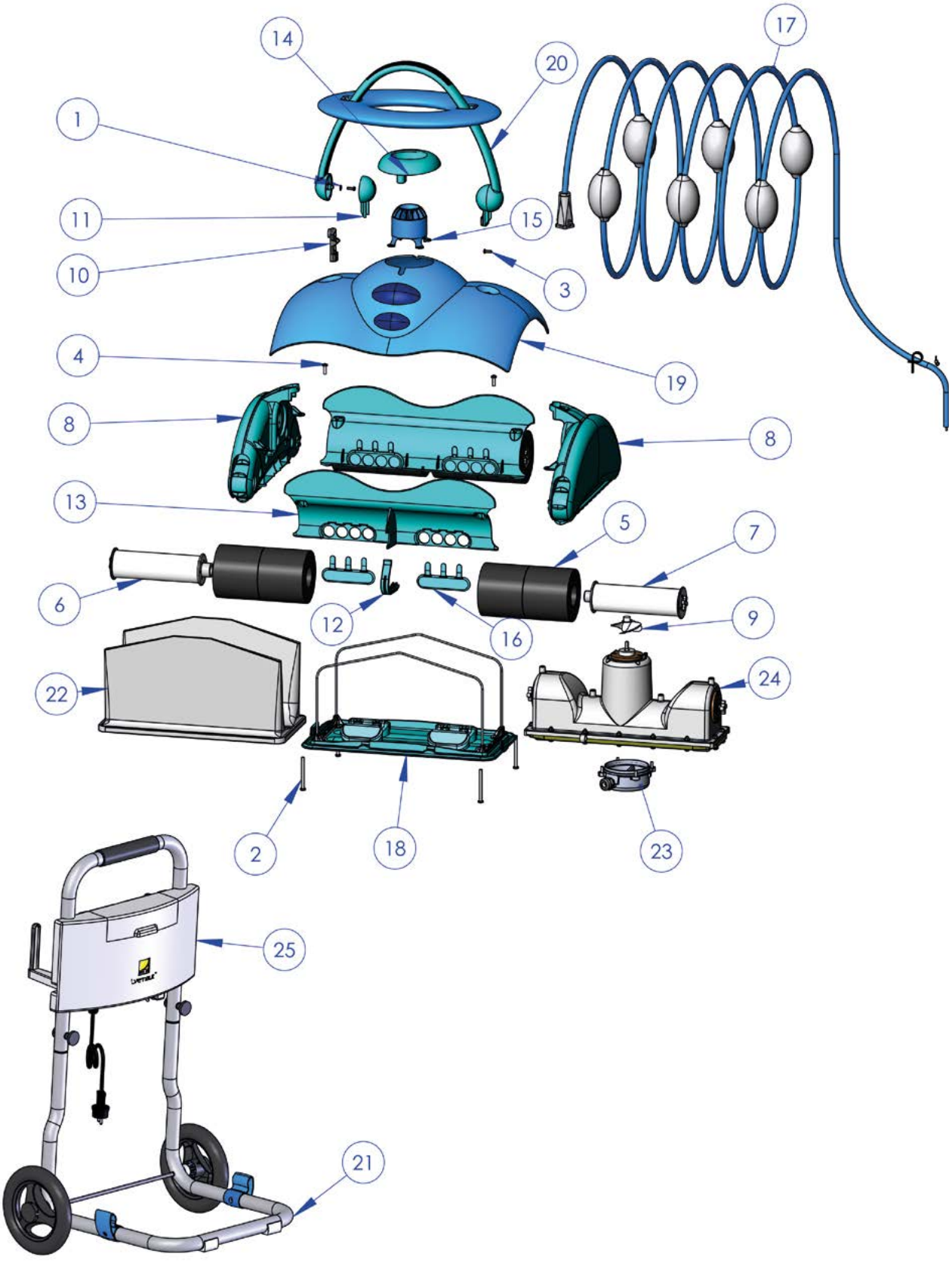
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Propeller SW2	W1067A	**3,65 €**
2	grey SW2 Gear Cartridge	W1421A	**94,37 €**
3	white Right Handle Clip	W1436A	**1,58 €**
4	white Flow Guide	W1442A	**7,84 €**
5	Blue Flow Guide Deco	W1441A	**15,30 €**
6	white Left Handle Clip	W1435A	**1,58 €**
7	grey SW2 Outlet Valve	W1443A	**2,32 €**
8	grey SW2 Cross Part	W1438A	**8,85 €**
9	white Cnt cover	W1518B	**54,63 €**
10	Ultra fine debris filter bag	W1583A	**79,55 €**
11	Complete grey SW2 filter Holder	W1422B	**116,99 €**
12	grey SW2 Roller Clip	W1437A	**2,09 €**
13	Foam Brush SW2 Large Ø	W1047A	**13,46 €**
14	Foam Brush SW2 SMALL Ø	W1053A	**13,46 €**
15	Foam pad (Set of 8)	W1596A	**42,39 €**
16	Complete white Handle	W1439A	**48,70 €**
17	Handle swivel joint SW2	W1084A	**1,32 €**
18	Belt Tightening Collar And Screw	W0093A	**3,01 €**
19	Cnt Cable Holder	W1587A	**0,87 €**
20	SW2 17 grey Flo Cable	W1426A	**212,10 €**
	grey Flo Cable SW2 25M	W1570A	**292,90 €**
21	Washer M4 A2	W0017A	**0,14 €**
22	Screw 4*12 mm (Set of 5)	R0516700	**1,37 €**
23	Screw VP pozi 5x60 A2	W1024B	**1,00 €**
24	Screw VP TCL pozi 5X16 A2	W1026A	**0,55 €**
26	Round relay box kit	W1507A	**131,85 €**
27	Complete motor block SW2 NB2	W1508C	**628,21 €**
28	Complete Cybernaut Nt B Caddy	W1505D	**172,66 €**
29	2010 Cnt Cont. Box	W1793B	**437,01 €**
-	Ultra fine debris filter bag	W1583A	**79,55 €**
	100 micron filter bag	W1584A	**36,16 €**
	PVA Brushes (set of 4)	W1582A	**91,77 €**
	Protective cover	W1064P	**45,57 €**

Until the stocks are exhausted

Lazernaut

Spare Parts



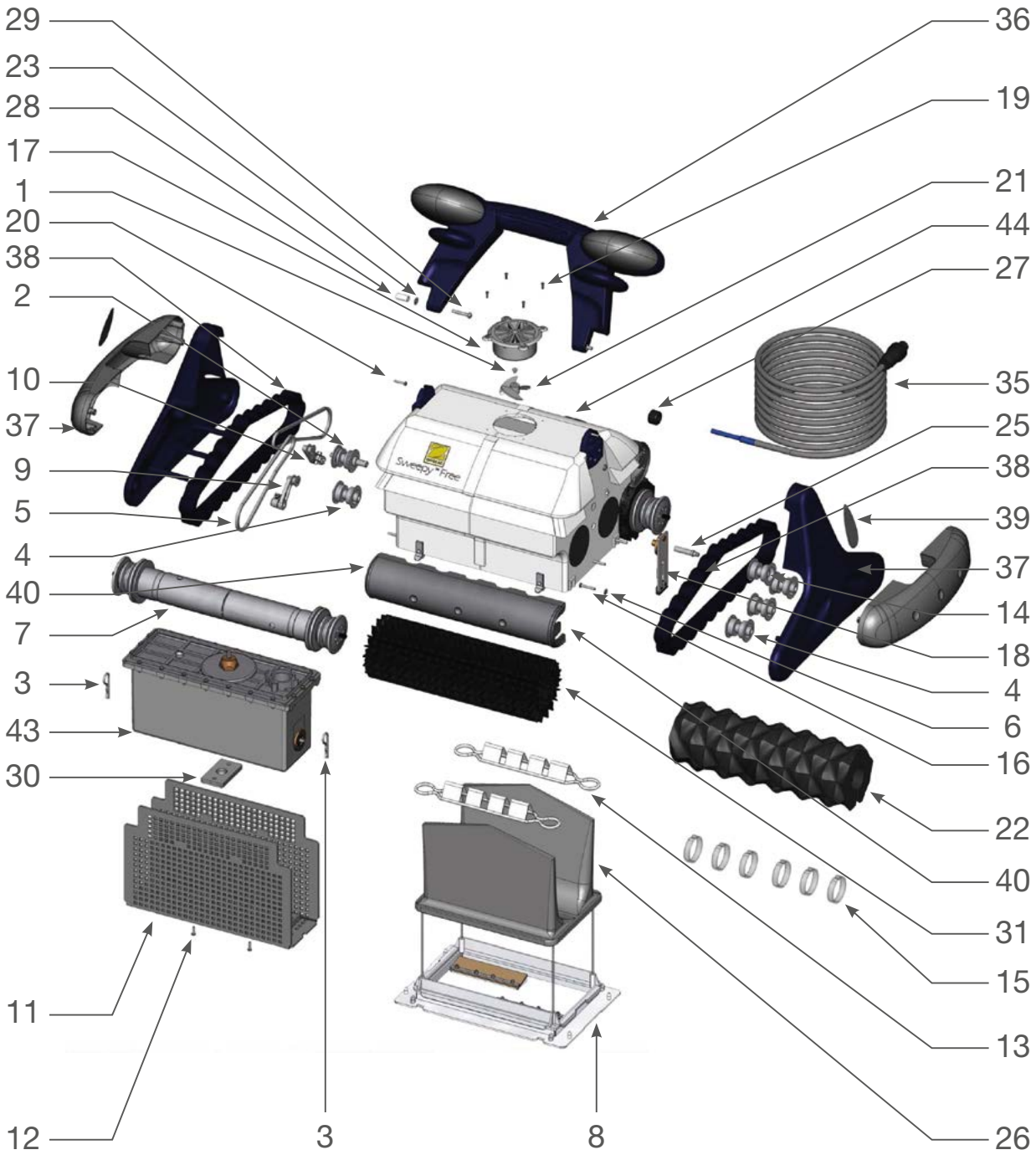
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
2	Screw VP pozi 5x60 A2	W1024B	**1,00 €**
3	Screw 4*12 mm (Set of 5)	R0516700	**1,37 €**
4	Screw VP TCL pozi 5X16 A2	W1026A	**0,55 €**
5	Foam pad (Set of 8)	W1596A	**42,39 €**
6	Foam Brush SW2 Large Ø	W1047A	**13,46 €**
7	Foam Brush SW2 SMALL Ø	W1053A	**13,46 €**
8	grey SW2 Gear Cartridge	W1421A	**94,37 €**
9	Propeller SW2	W1067A	**3,65 €**
10	Handle swivel joint SW2	W1084A	**1,32 €**
11	Handle clip Lazernaut	W1085A	**2,41 €**
12	Roller clip Lazernaut	W1086A	**2,02 €**
13	Cross-bar Lazernaut	W1087A	**5,81 €**
14	Deco flow guide Lazernaut	W1091A	**9,26 €**
15	Flow guide Lazernaut	W1092A	**10,45 €**
16	Drain valve Lazernaut	W1093A	**2,22 €**
17	Cable FLO SW2 17M turquoise	W1102A	**212,10 €**
18	Complete grey SW2 filter Holder	W1422B	**116,99 €**
19	cover Lazernaut	W1163A	**54,63 €**
20	Complete Handle Lazernaut	W1165A	**84,69 €**
21	CompleteTrolley Lazernaut BLC	W1167D	**172,66 €**
22	Ultra fine debris filter bag	W1583A	**79,55 €**
23	Round relay box kit	W1507A	**131,85 €**
24	Complete motor block SW2 NB2	W1508C	**628,21 €**
25	Control box LZ 2010	W1979A	**437,01 €**
1	Handle Cap Diam 6mm	W0002A	**0,30 €**

Until the stocks are exhausted

Sweepy® Free

Spare Parts



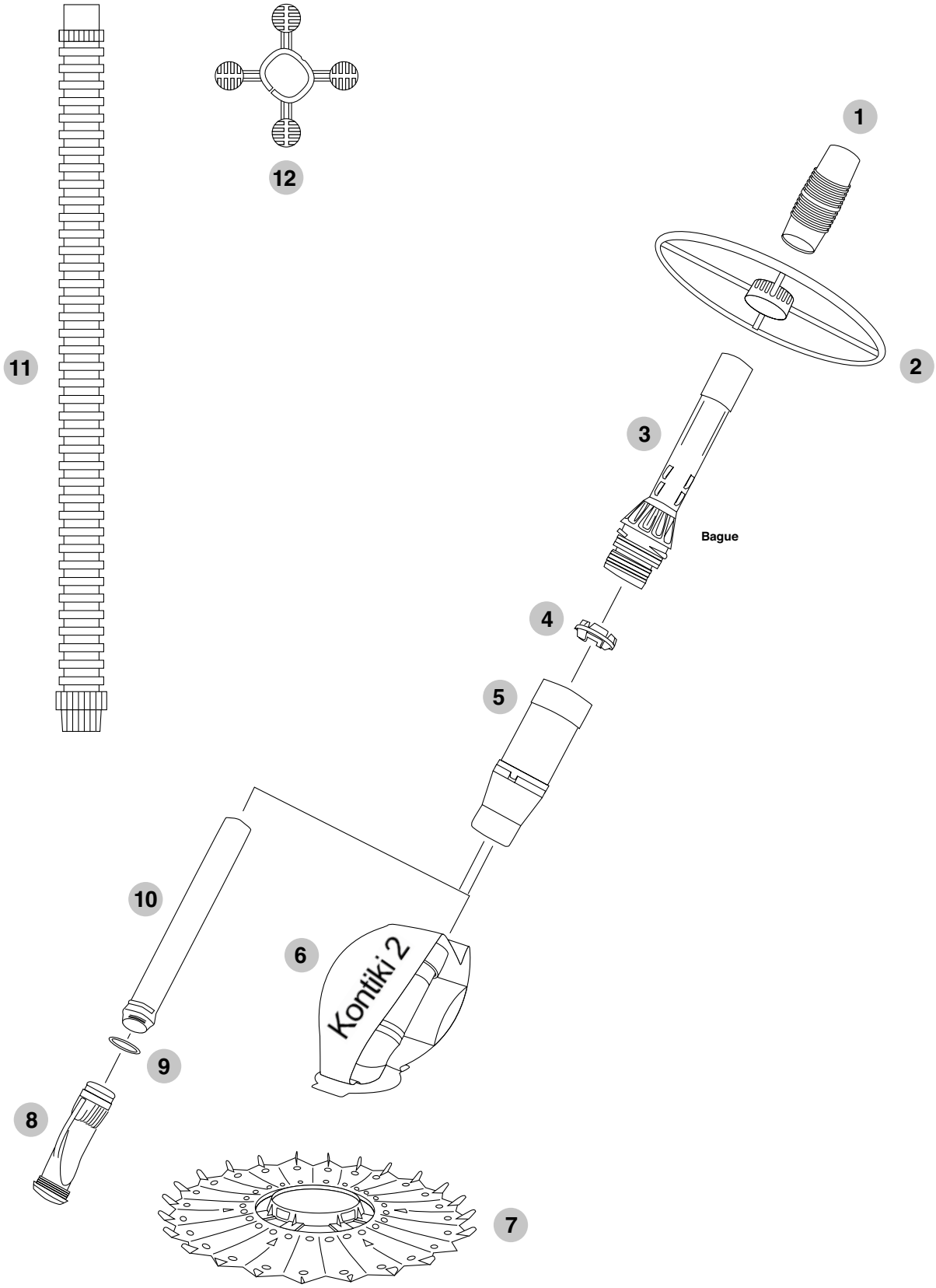
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
2	Motor Shaft Pulley	W0010A	**21,28 €**
3	Beta Pin	W0011A	**1,45 €**
4	Long Track Guide Pulley	W0013A	**2,78 €**
5	Transmission Belt	W0014A	**5,91 €**
6	Washer M4 A2	W0017A	**0,14 €**
7	Brush Holder	W0018A	**30,74 €**
8	Complete 1E filter Holder white	W0027D	**126,27 €**
9	S Shaped Belt Tensioner	W0037A	**10,64 €**
10	C Shaped Belt Tensioner	W0038A	**10,64 €**
11	Motor Casing Protection Grid	W0044A	**11,06 €**
12	Screw VT TCL Pozi 3.5X13 A2	W0090A	**0,28 €**
13	filter Bag Blocking Peg	W0095A	**1,92 €**
14	Short Track Guide Pulley	W0121A	**2,57 €**
15	Foam Fixing Clip	W0139A	**0,65 €**
16	Screw VT TCL Pozi 3.9X25 A2	W0164A	**0,20 €**
17	Flow Outletwhite	W0233A	**9,18 €**
18	Turn Foot Set	W0344B	**21,28 €**
19	Screw VT TFC Pozi 2.9X9.5 A2	W0351A	**0,21 €**
20	Screw VT TCL Pozi 3.5X19 A2	W0375A	**0,29 €**
21	Swr white Propeller Dia 64	W0435A	**4,77 €**
22	Black Foam Brush PPI 60	W0887A	**40,42 €**
23	Washer M5 A2	W1096A	**0,06 €**
25	Axle Pulley Track	W1125A	**2,21 €**
26	AF2 filter Bag With Eyeholes	W1187B	**25,67 €**
27	DM8 Cable Tightener Black	W1215A	**1,65 €**
28	Handle Spacer	W1216A	**0,95 €**
29	Screw VM TCL Pozi 5X30 A4	W1412A	**1,15 €**
30	Stainless Steel Weight	W1521A	**5,50 €**
31	Rubber Brush Black	W1586A	**57,25 €**
32	Sweepy Free Command Box	W1560A	**437,01 €**
33	3M Remote Control	W1618A	**109,24 €**
34	Complete Sweepy FreeTrolley	W1633A	**169,77 €**
35	Floating cable 16M-8-4Pt PCG 8	W1636B	**187,29 €**
36	Complete C Handle Dark Blue	W1638A	**45,63 €**
37	Track Flange Blue	W1640A	**21,82 €**
38	Dark Blue Track	W0015B	**15,45 €**
40	Front Bumper grey	W1340A	**7,11 €**
41	Side Bumper grey	W1341A	**7,11 €**
43	3M Complete Motor Block	W1757A	**628,21 €**
44	Complete Shell	W1758A	**109,25 €**
-	AF2 filter Bag With Eyeholes	W1187B	**25,67 €**
-	Large debris filter bag	W1579A	**25,67 €**
-	Black Foam Brush PPI 60	W0887A	**40,42 €**
-	6 Foam clips	W0889A	**8,09 €**
-	Rubber Brush Black	W1586A	**57,25 €**
1	Float	R0539700	**13,20 €**

Until the stocks are exhausted

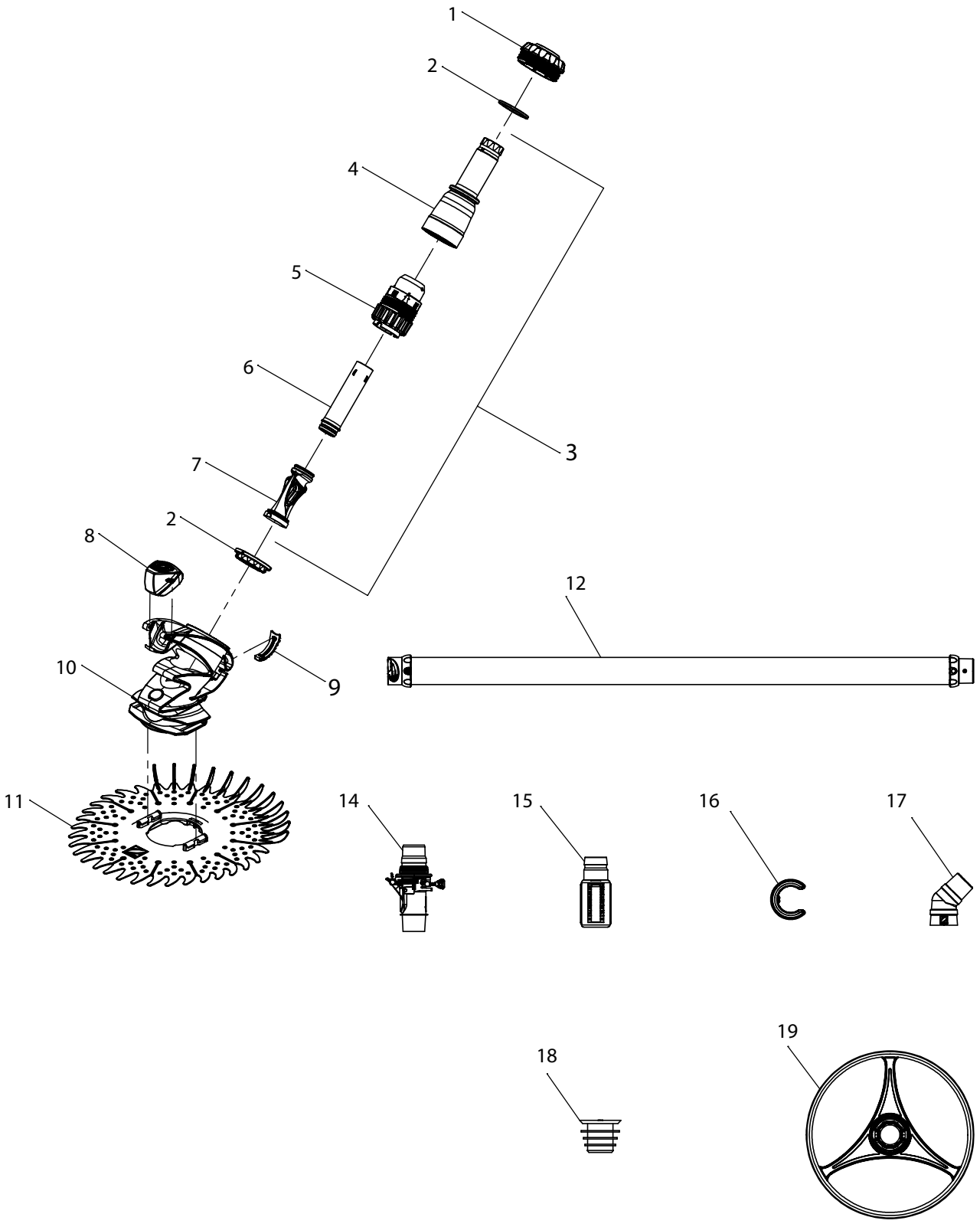
Kontiki™ 2

Spare Parts



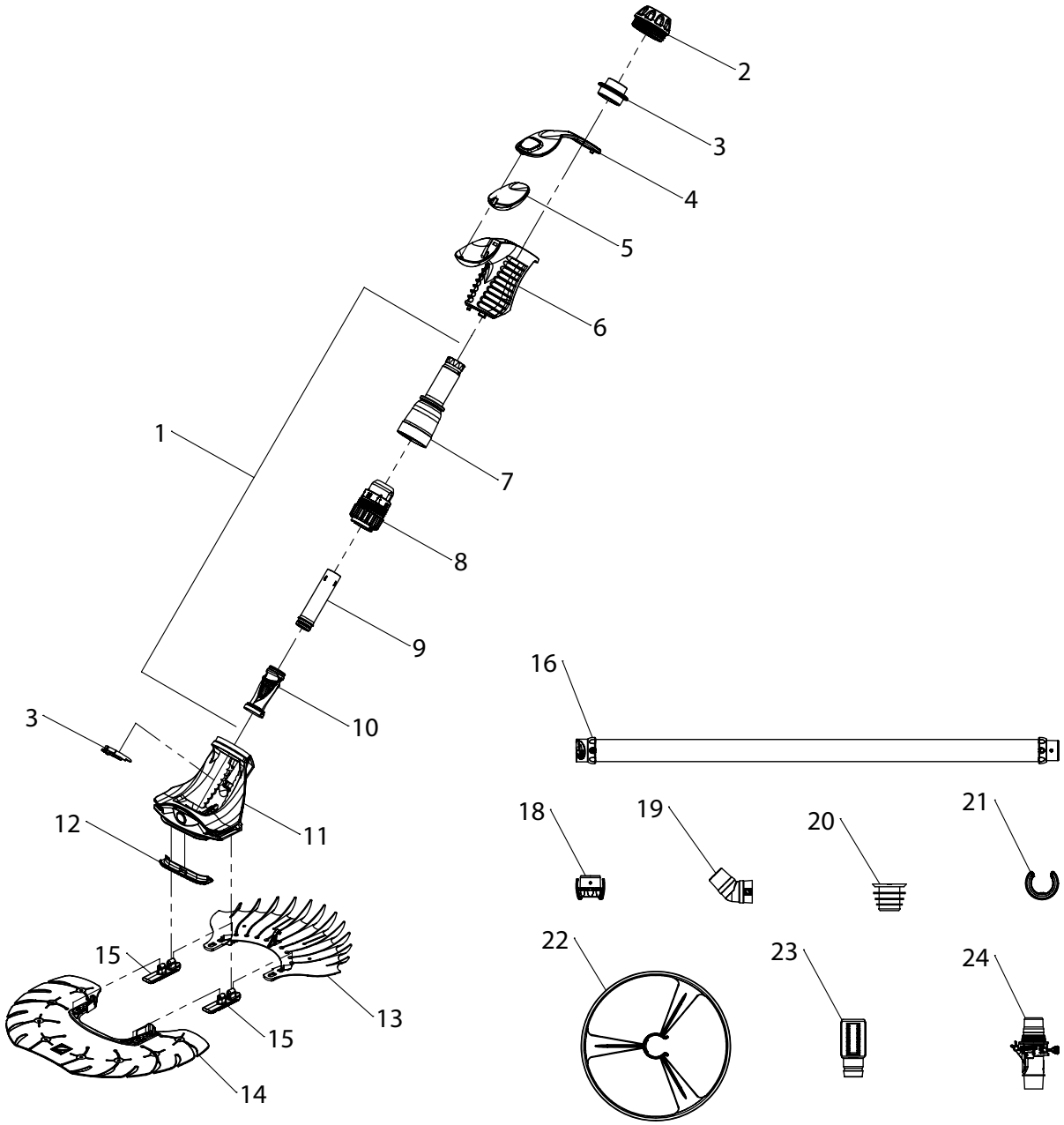
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	T3/B3/R3 Handnut	W70715	**5,59 €**
2	Circular Deflector	W46005	**9,91 €**
3	External Exhaust Hose	W70247	**34,97 €**
4	Compression Ring	W74000P	**4,62 €**
5	Cartridge	W70475	**3,90 €**
6	Kontiki™ 2 body	W40922	**18,13 €**
7	Kontiki™ 2 Disc	W70473	**18,13 €**
8	Suction Valve	W69314	**18,58 €**
9	Compression Ring	W81600P	**5,06 €**
10	Inner Extension Pipe	W56525P	**40,23 €**
11	Set of 6 Bicolour 1M Long Life Hoses	W69100	**47,59 €**
12	Hose Deflector	W24206	**13,41 €**



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	T3/B3/R3 Handnut	W70715	**5,59 €**
2	T3/B3/R3 Washers (Upper & Lower)	W70716	**5,59 €**
3	Cleaner internal assembly	W70717	**59,74 €**
4	External outlet hose	W70718	**9,01 €**
5	Cassette	W70719	**9,01 €**
6	Internal outlet hose	W70720	**5,59 €**
7	Diacyclone diaphragm	W73010P	**47,59 €**
8	T3 Float	W70733	**5,59 €**
9	T3/B3/R3 Bumper	W70722	**5,59 €**
10	T3 body	W70734	**41,21 €**
11	T3/B3 Disc	W70724	**41,21 €**
12	Set of 6 x 1 m Twist Lock hoses	W78055	**115,41 €**
14	Automatic flow rate adjustment valve	W60055P	**41,21 €**
15	Flow rate tester	W70335P	**16,59 €**
16	Hose counterweight	W83247P	**13,41 €**
17	45-degree elbow	W70244	**6,72 €**
18	Conical adaptor	W69657P	**4,62 €**
19	Quick Release Wheel Deflector Assembly, Blue Iridium	W70730	**17,41 €**

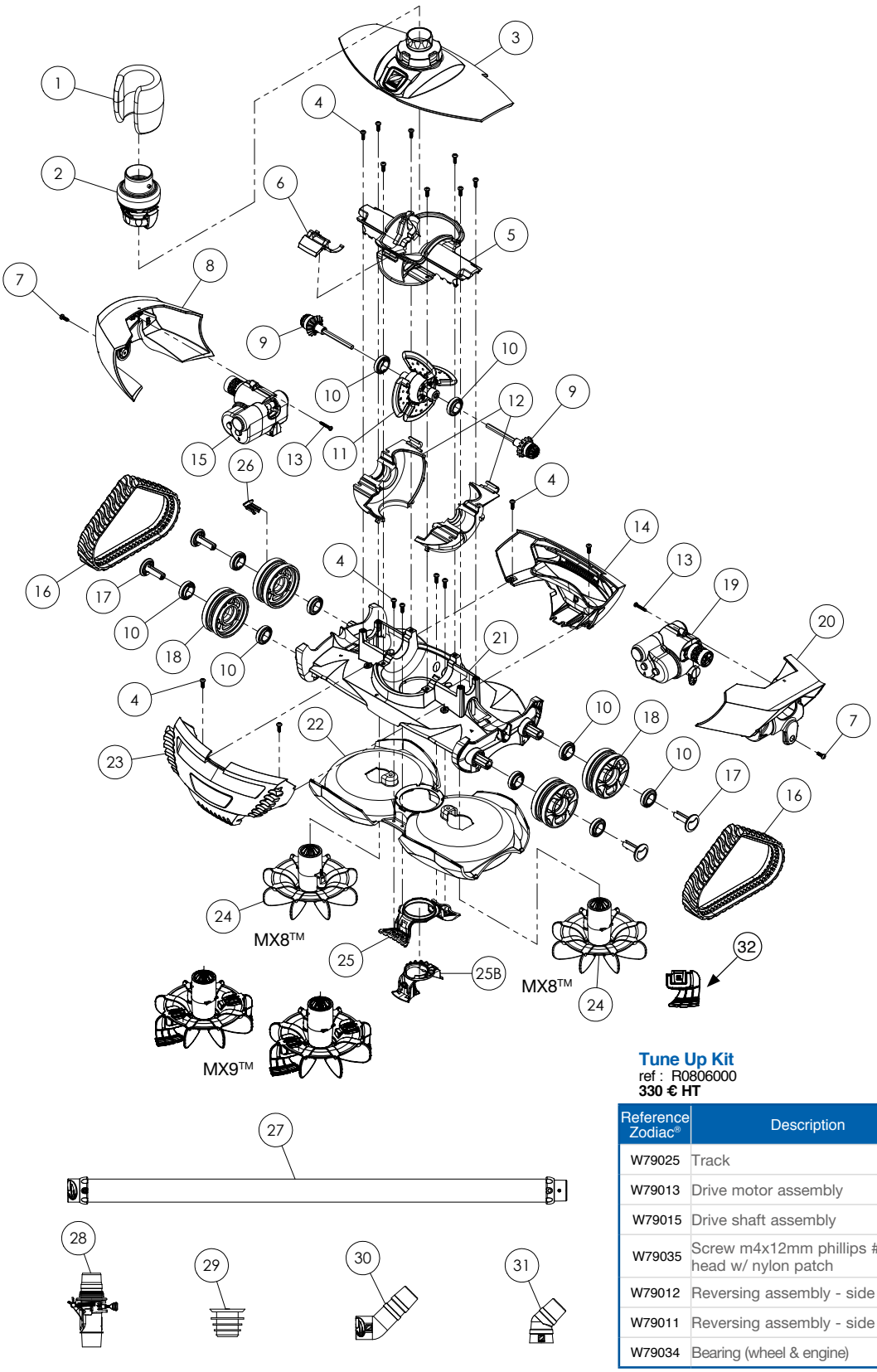


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Cleaner internal assembly	W70717	**59,74 €**
2	Yellow ring	W78101	**5,59 €**
3	Holding ring	W78005	**5,59 €**
4	Float upper part, silver	W78102	**15,79 €**
5	Float	W78014	**41,21 €**
6	Float lower part, blue	W78103	**15,79 €**
7	External outlet hose	W70718	**9,01 €**
8	Cassette	W70719	**9,01 €**
9	Internal outlet hose	W70720	**5,59 €**
10	Diacyclone diaphragm	W73010P	**47,59 €**
11	Blue body/head	W78104	**41,21 €**
12	Fender, silver	W78105	**5,59 €**
13	Front disc, silver	W78106	**21,47 €**
14	Rear disc, blue	W78107	**21,47 €**
15	Disc Connectors, silver	W78108	**5,59 €**
16	Set of 6 x 1 m Twist Lock hoses	W78055	**115,41 €**
18	Quick Connector, blue	W79033P	**5,59 €**
19	45-degree elbow	W70244	**6,72 €**
20	Conical adaptor	W69657P	**4,62 €**
21	Hose counterweight	W83247P	**13,41 €**
22	Anti-jamming wheel, blue	W78076	**17,41 €**
23	Flow rate tester	W70335P	**16,59 €**
24	Automatic flow rate adjustment valve	W60055P	**41,21 €**

MX8™/MX8™PRO/MX9™

Spare Parts



Tune Up Kit
ref : R0806000
330 € HT

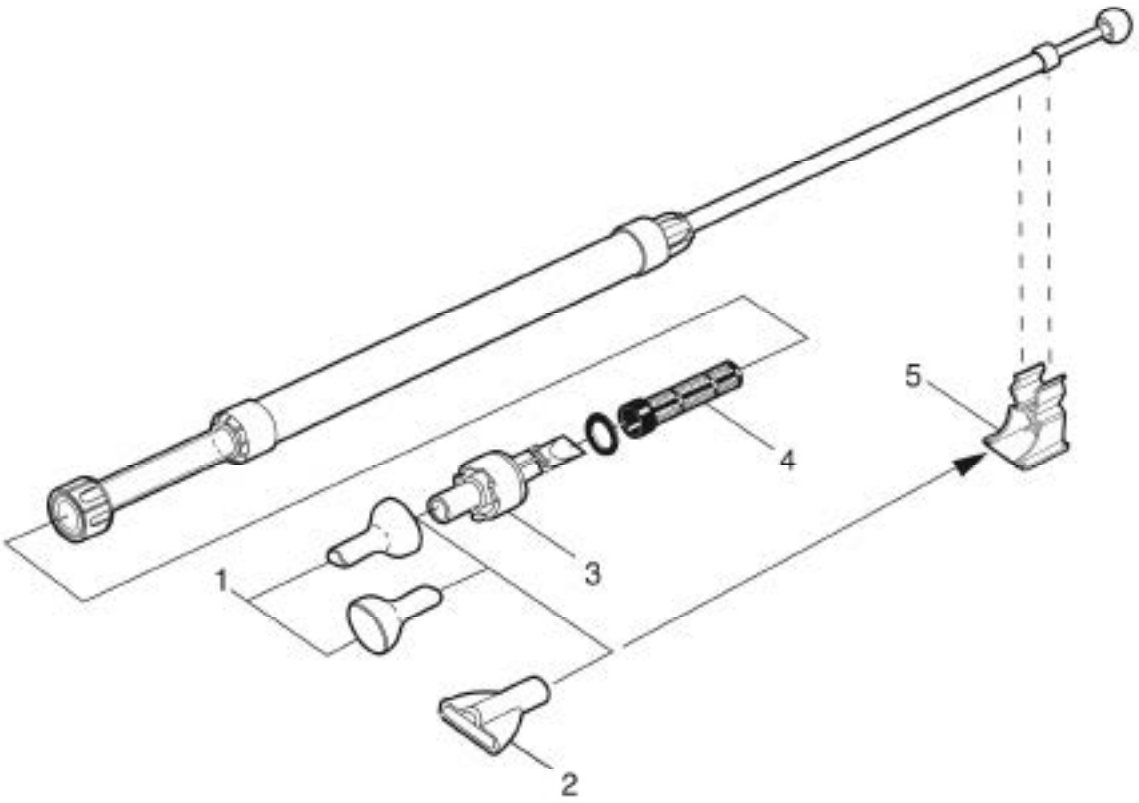
Reference Zodiac®	Description	Qté
W79025	Track	2
W79013	Drive motor assembly	1
W79015	Drive shaft assembly	2
W79035	Screw m4x12mm phillips #2 pan head w/ nylon patch	2
W79012	Reversing assembly - side B	1
W79011	Reversing assembly - side A	1
W79034	Bearing (wheel & engine)	2

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	MX8™ / MX8™ PRO	MX9™	Price ex VAT
1	Hose float	W79032P		9,01 €
2	Flow regulator valve	60001100		9,10 €
3	Top cover/swivel assembly	W79018		95,41 €
4	Screw m4x12mm phillips #2 pan head	W79035		2,17 €
5	Engine Ramp	W79028		5,59 €
	Engine Seal	W79029		2,17 €
	Middle drive motor housing	W79066		9,01 €
6	cover latch 1	W79027		2,17 €
7	Screw m4x12mm phillips #2 pan head	W79035		2,17 €
8	body panel - right	W79030		15,79 €
9	Drive Shaft assembly	W79015		13,97 €
10	Bearing (wheel & engine)	W79034		6,15 €
11	Drive motor assembly	W79013		141,03 €
12	Lower drive motor housing - side A & side B	W79022		9,01 €
13	Screw thread forming #6-18 7/8in type a phillips #2 pan head	W79036		2,17 €
14	body panel - rear	W79020		9,01 €
15	Reversing assembly - side B	W79012		101,87 €
16	Track	W79025		15,32 €
17	Wheel pin	W79065		2,17 €
18	Wheel	W79024		5,59 €
19	Reversing assembly - side A	W79011		101,87 €
20	body panel - left	W79031		15,79 €
21	chassis assembly	W79062		95,41 €
22	Lower body housing	W79021		85,48 €
23	body panel - front	W79019		9,01 €
	MX9 body front panel		R0773500	9,10 €
24	scrubber assembly	W79014		13,97 €
	Turbines Kit + brushes (set of 2)		R0756300	60,78 €
25	Inlet assembly	W79017		9,01 €
25B	Regular opening	W79047P		9,01 €
26	Wheel speed indicator	A0235200		2,19 €
27	Set of 6 x 1 m Twist Lock hoses	W78055		115,41 €
28	Automatic flow rate adjustment valve	W60055P		41,21 €
29	Conical adaptor	W69657P		4,62 €
30	Twist-lock 45 deg elbow extended	W73011P		6,72 €
31	45-degree elbow	W70244		6,72 €
32	MX scrubbing Brushes (*4)		R0773600	17,71 €
-	Quick Connector, blue	W79033P		5,59 €
	Leaf Trap (non contractual photos. Photo page 94)	W37110		101,99 €

Spa Wand

Spare Parts

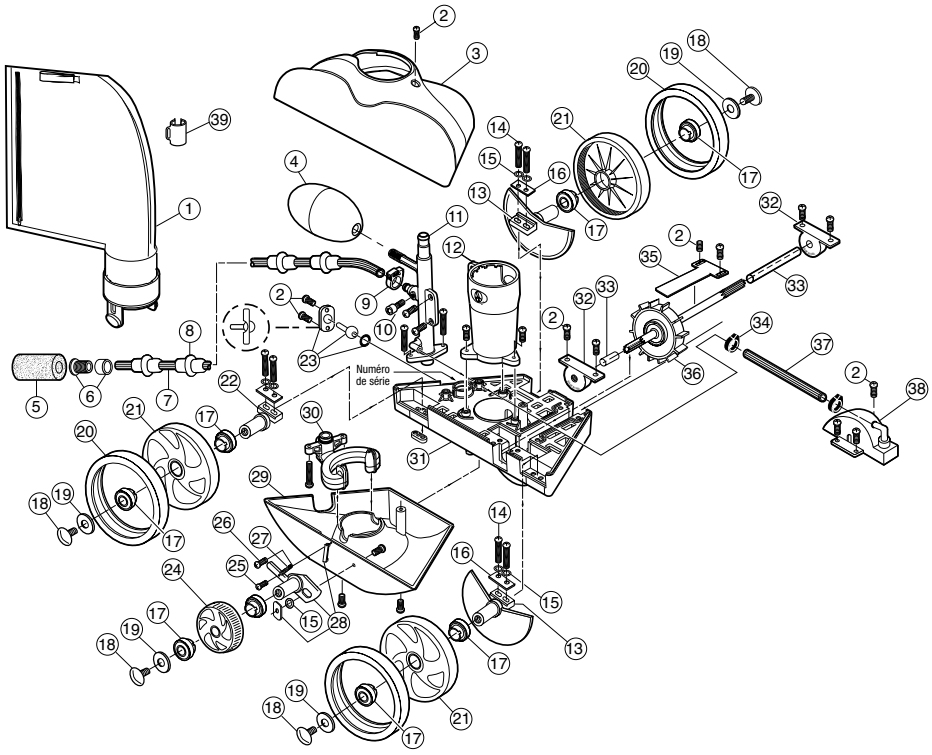


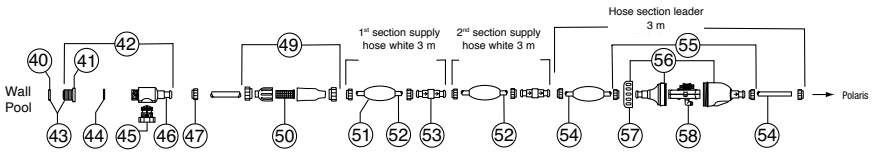
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Nozzle, Dual Purpose 1 DISC	W9330003	**3,61 €**
2	Nozzle, Wide Sweep 1 $3.25	W9330001	**3,75 €**
3	End Cap and Valve Assembly	W9330004	**11,44 €**
4	filter Screen 1 $13.46	W9330006	**21,69 €**
5	Bracket, Wall 1 DISC	W9330002	**24,17 €**

Polaris® 280

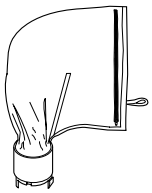
Spare Parts





BAGS

The Polaris® 280 is supplied with the standard sand/silt bag. Reference K-13.



REF. K13 / W7230102

Zippered All-Purpose Bag

63,74 € HT

REF. K15 / W7230104

Leaf bag

65,33 € HT

REF. K14 / W7230103

Sand/Silt Bag

61,07 € HT

REF. K52 / W7230114

Disposable bags (EZ Bag)

63,74 € HT

▶ TailSweep Pro® accessories avalaible p. 44

SPECIAL PARTS

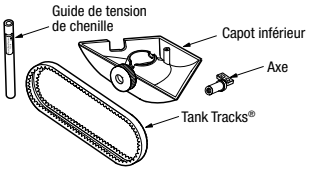
Description	Reference Zodiac®	Reference Polaris®	Conditionnement Qté par sachet	Price ex VAT par sachet
Weight, Sweep Hose	W7230203	B2	1	**26,14 €**
Tire, PosiTrax® for fiberglass	W7230211	C13	1	**23,05 €**
Feed Hose assembly Complete	W7230307	G5	1	**342,76 €**
Accouplement 1 1/2" x 3/4"	W7230401	G9	1	**15,87 €**
Ladder Guard, 2 Panels	W7230412	G21	1	**65,66 €**
Pressure Tester w/o Gauge	W7230403	G35	1	**40,91 €**
O-ring Kit, Back-up Valve	W7230313	G58	1	**6,41 €**
Ultra-fine Bag	W7230103	K14	1	**61,07 €**
Leaf bag	W7230104	K15	1	**65,33 €**
Feed Hose with Floats	W7230320	9-100-3104	1	**79,86 €**
Street Ell	W7230407	9-100-9003	1	**14,94 €**
UWF Removal Tool, Plastic	W7230408	10-102-00	1	**11,96 €**
Tank Tracks® Kit	W7230212	C15	1	**136,28 €**
Tank Tracks®	W7230214	C18	1	**94,26 €**

KITS

Réf A-49/W7230002 Kit « train roulant »
416,31 € HT

Position	Reference Zodiac®	Reference Polaris®
13	W7230226	C66
17	W7230223	C60*
18	W7230222	C55*
19	W7230224	C64*
20	W7230210	C10*
21	W7230209	C6*
22	W7230225	C65
24	W7230213	C16*
28	W7230219	C36
32	W7230229	C80*
33	W7230230	C83
36	W7230231	C86

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019



REF. C15 / W7230212

Tank Tracks® Kit

136,28 € € HT

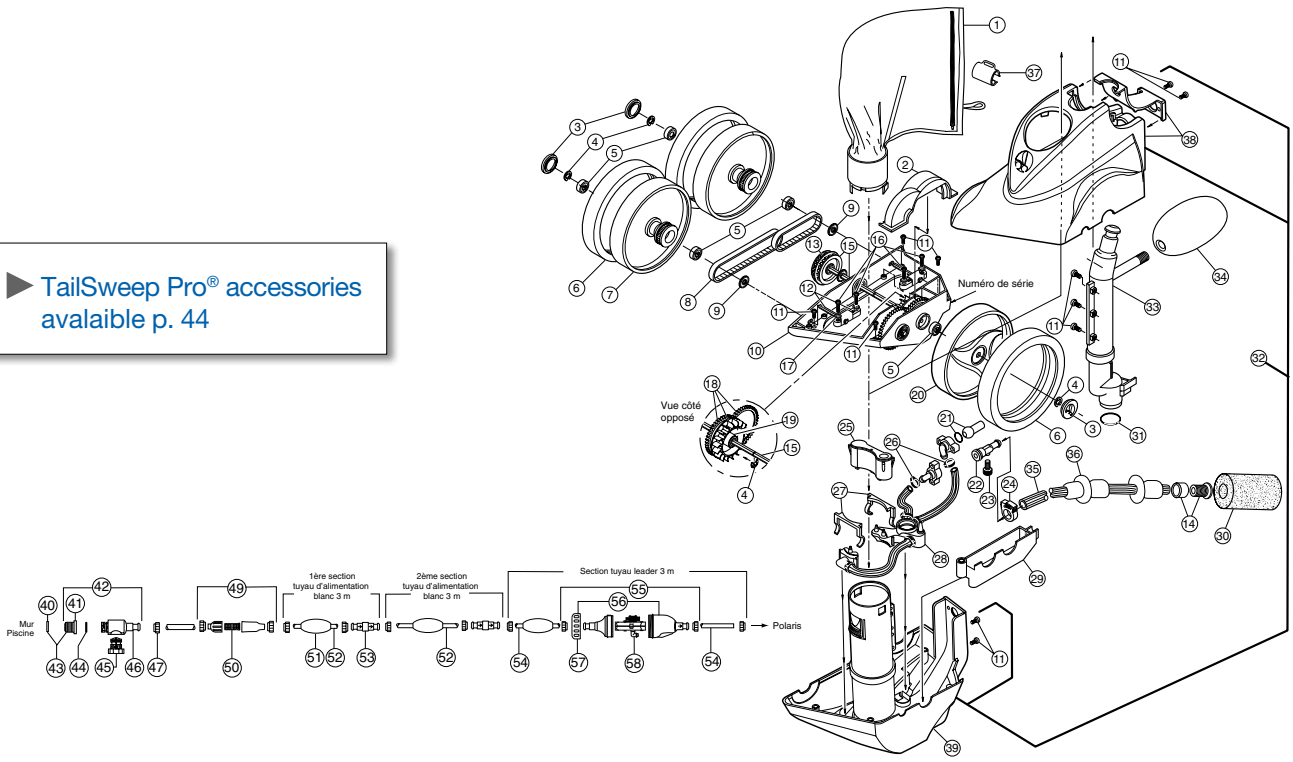
STANDARD PARTS

Position	Description	Reference Zodiac®	Reference Polaris®	Conditionnement Qté par sachet	Price ex VAT Euros
1	Zippered All-Purpose Bag	W7230102	K13	1	**63,74 €**
2	Screw, 10-32 X 3/8" ss pan Head (X10)	W7230220	C40	10	**4,45 €**
3	Top, Blue	W7230235	K5	1	**90,85 €**
4	Float, Head	W7230201	A20	1	**10,14 €**
5	Sweep Hose scrubber	W7230245	9-100-3105	1	**4,02 €**
6	Orifice tip w/ Orifice tip Guard	W7230208	B25	1	**4,94 €**
7	Sweep Hose Complete	W7230204	B5	1	**54,72 €**
8	Wear Rings	W7230205	B10	1	**3,16 €**
9	Sweep Hose Attach Clamp	W7230206	B15	1	**3,16 €**
10	Adjustement Screw	W7230207	B20	1	**4,78 €**
11	Feed Pipe with Elbow	W7230243	K30	1	**41,66 €**
12	Vacuum tube	W7230237	K20	1	**31,86 €**
13	Axle, Large, with Sand/Gravel	W7230226	C66	1	**15,29 €**
14	Screw, 10-32 x 7/8" SS Pan Head (X2)	W7230228	C76	2	**3,96 €**
15	Lock Washer for C36 (X5)	W7130223	C45	5	**5,52 €**
16	Axle Plate for C65/C66	W7230227	C70	1	**3,08 €**
17	Ball Bearing, wheels	W7230223	C60	1	**16,82 €**
18	Wheel Screw, Plastic	W7230222	C55	1	**3,07 €**
19	Wheel Washer, Plastic (X2)	W7230224	C64	1	**4,43 €**
20	Tire Max Trax	W7230210	C10	1	**18,53 €**
21	Wheel, Large, No Bearings Incl	W7230209	C6	1	**23,74 €**
22	Axle, Large, Rear Wheel Only	W7230225	C65	1	**7,59 €**
23	Thrust Jet Kit	W7230234	C131	1	**10,57 €**
24	Idler Wheel, Small,	W7230213	C16	1	**15,55 €**
25	Screw, 4-40 x 3/16" SS Pan Head (X5)	W7230217	C30	5	**3,45 €**
26	Screw, 6-32 x 1/2" SS Pan Head (X5)	W7230218	C32	5	**3,45 €**
27	Spring for C36 (X2)	W7230216	C25	1	**4,19 €**
28	Swing Axle Kit	W7230219	C36	1	**23,92 €**
29	Bottom, white with Bracket (28	W7230236	K10	1	**75,50 €**
30	Water Management System (280)	W7230238	K25	1	**34,48 €**
31	ASSEMBLY (EXCHANGE ONLY) 280	W7230247	K145	1	**211,67 €**
32	Ball Bearings, Turbine (280/18	W7230229	C80	1	**30,56 €**
33	Turbine Shaft tubes (280/180)	W7230230	C83	1	**4,02 €**
34	Hose Clamp for Water Management System (X6)	W7230246	9-100-7170	6	**5,15 €**
35	Turbine Shaft Shield	W7230202	A40	1	**13,49 €**
36	Drive Shaft Assembly	W7230231	C86	1	**55,07 €**
37	Hose for C110, 7-1/2"	W7230233	C120	1	**2,47 €**
38	Couvercle de turbine avec coude 90°	W7230232	C110	1	**20,14 €**
39	Bag Collar	W7230107	9-100-1018	1	**4,03 €**
40	Uwf restrictor Disk, red & Blue 2	W7230325	10-112-00	1	**4,94 €**
41	Uwf restrictor Kit	W1230317	6-500-00	1	**7,44 €**
42	Uwf Connector assembly	W7230322	9-100-9001	1	**56,01 €**
43	Uwf	W7330325	10-108-00	1	**14,78 €**
44	O-ring, uwf	W7230319	6-505-00	1	**3,23 €**
45	Pressure Relief Valve	W7230323	9-100-9002	1	**17,35 €**
46	Quick Disconnect, UWF	W7230304	D29	1	**14,86 €**
47	Nut, feed Hose, Gray	W7230302	D15	1	**6,24 €**
49	In-line filter assembly	W7230316	48-080	1	**94,00 €**
50	Screen, In-Line filter	W7430231	48-222	1	**16,82 €**
51	Float, feed Hose, Gray	W7230301	D10	1	**11,79 €**
52	Feed Hose, 10ft., white	W7230305	D45	1	**52,52 €**
53	Swivel Ball Bearing, Gray	W7230303	D20	1	**23,39 €**
54	Leader Hose,10ft., Gray	W7230306	D50	1	**79,51 €**
55	Back-up Valve Kit	W7230308	G52	1	**151,65 €**
56	Case Kit for G52	W7230310	G54	1	**44,58 €**
57	Collar, Back-up Valve	W7230312	G57	1	**6,75 €**
58	Mechanism for G52	W7230309	G53	1	**110,67 €**

Polaris® 380

Spare Parts

▶ TailSweep Pro® accessories avalaible p. 44



SPECIAL PARTS

Position	Description	Reference Zodiac®	Reference Polaris®	Conditionnement Qté par sachet	Price ex VAT Euros
46	Quick Disconnect, UWF	W7230304	D29	1	14,86 €
47	Nut, feed Hose, Gray	W7230302	D15	1	6,24 €
49	In-line filter assembly	W7230316	48-080	1	94,00 €
50	Screen, In-Line filter	W7430231	48-222	1	16,82 €
51	Float, feed Hose, Gray	W7230301	D10	1	11,79 €
52	Feed Hose, 10ft., white	W7230305	D45	1	52,52 €
53	Swivel Ball Bearing, Gray	W7230303	D20	1	23,39 €
54	Leader Hose,10ft., Gray	W7230306	D50	1	79,51 €
55	Back-up Valve Kit	W7230308	G52	1	151,65 €
56	Case Kit for G52	W7230310	G54	1	44,58 €
57	Collar, Back-up Valve	W7230312	G57	1	6,75 €
58	Mechanism for G52	W7230309	G53	1	110,67 €
	Weight, Sweep Hose	W7230203	B2	1	26,14 €
	Tire, PosiTrax® for fiberglass	W7230211	C13	1	23,05 €
	Screw, 10-32 X 3/8» ss pan Head (X10)	W7230220	C40	10	4,45 €
	Feed Hose assembly Complete	W7230307	G5	1	342,76 €
	Accouplement 1 1/2" x 3/4"	W7230401	G9	1	15,87 €
	Ladder Guard, 2 Panels	W7230412	G21	1	65,66 €
	Pressure Tester w/o Gauge	W7230403	G35	1	40,91 €
	O-ring Kit, Back-up Valve	W7230313	G58	1	6,41 €
	Leaf Bag	W7330101	9-100-1012	1	65,33 €
	Sand/Silt Bag	W7330103	9-100-1015	1	61,07 €
	Feed Hose with Floats	W7230320	9-100-3104	1	79,86 €
	Street Ell	W7230407	9-100-9003	1	14,94 €
	Polaris Vac-Sweep® 380/360 Factory Tune Up Kit	W7330001	9-100-9010	1	416,31 €

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

STANDARD PARTS

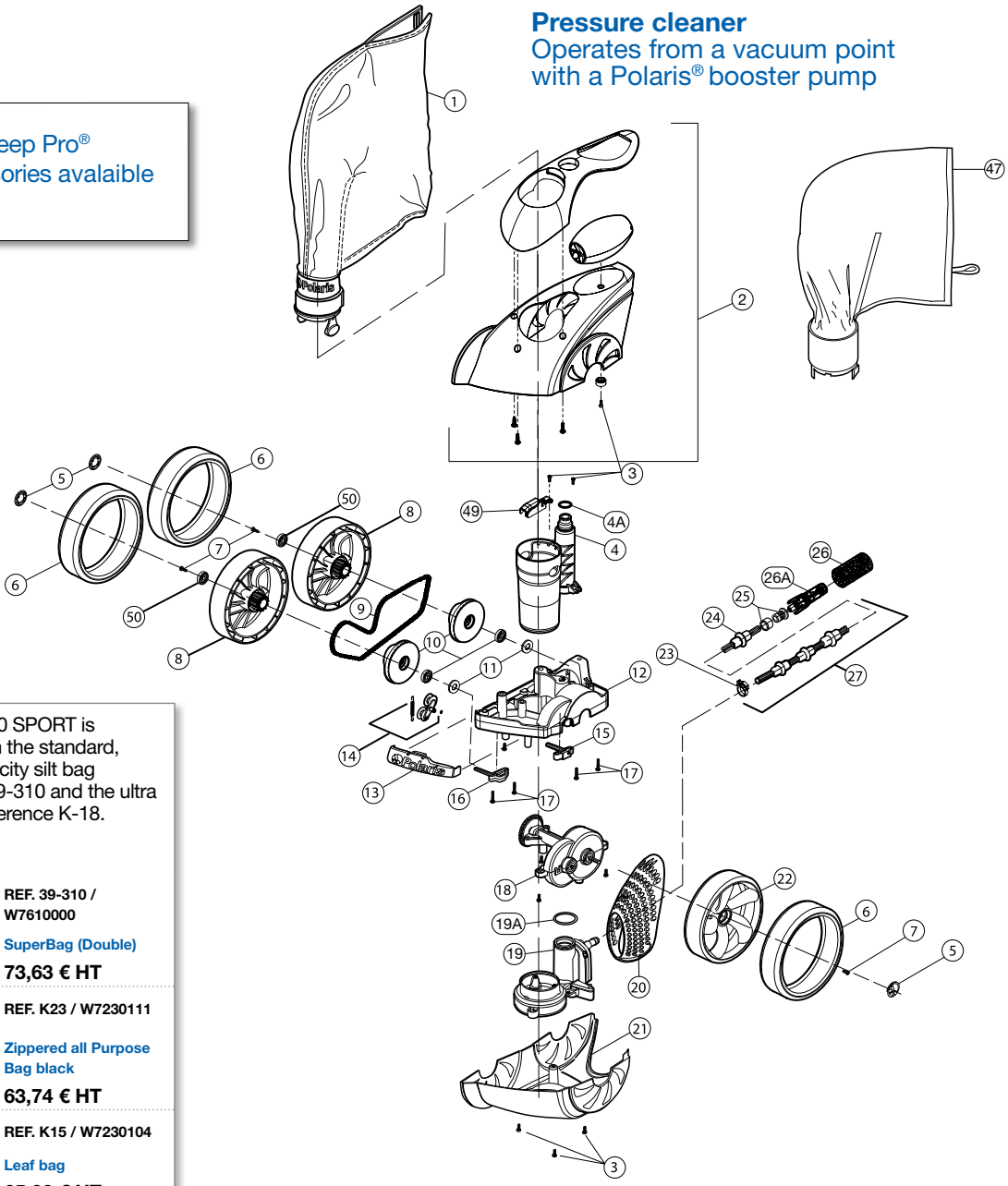
Position	Description	Reference Zodiac®	Reference Polaris®	Conditionnement Qté par sachet	Price ex VAT Euros
	Tank Tracks® Kit	W7230212	C15		136,28 €
1	Zippered All-Purpose Bag	W7330105	9-100-1021	1	63,74 €
2	Housing, Turbine Upper	W7330222	9-100-1152	1	7,59 €
3	Hub Cap (X3)	W7330218	9-100-1114	1	1,44 €
4	E-clip, Stainless Steel (X5)	W7330226	9-100-5107	5	3,39 €
5	Ball Bearing	W7330217	9-100-1108	1	15,04 €
6	Tire Max Trax	W7230210	C10	1	18,53 €
7	Wheel, Double-side	W7330213	9-100-1008	1	23,99 €
8	Belt Kit, Small and Large	W7330215	9-100-1017	1	56,71 €
9	Shield, Bearing	W7330236	9-100-7011	1	3,16 €
10	ASSEMBLY	W7330244	9-100-1005	1	211,67 €
11	Screw, 8-32 x 1/2» SS Pan Head	W7330229	9-100-5125	5	2,12 €
12	Axle Block Kit (Front and Rear)	W7330221	9-100-1139	1	18,10 €
13	Belt Divider, Transfer Pulley	W7330214	9-100-1010	1	4,94 €
14	Orifice tip w/ Orifice tip Guard	W7230208	B25	1	4,94 €
15	Transfer Pulley/Drive Shaft Assembly	W7330212	9-100-1007	1	35,01 €
16	Screw, 8-32 x 3/4» SS Pan Head (X5)	W7330228	9-100-5115	5	1,75 €
17	Lock Washer, Axle Block (X4)	W7330230	9-100-5130	4	1,70 €
18	Drive Train Gear Kit with Turbine Bearing	W7330220	9-100-1132	1	32,61 €
19	Turbine Wheel with Bearing	W7330216	9-100-1103	1	22,55 €
20	Wheel, Single-side	W7330219	9-100-1116	1	17,35 €
21	Thrust Jet Kit	W7230234	C131	1	10,57 €
22	Sweep Hose Barb Complete	W7330233	9-100-7008	1	8,12 €
23	Adjustement Screw	W7230207	B20	1	4,78 €
24	Sweep Hose Attach Clamp	W7230206	B15	1	3,16 €
25	Base Weight	W7330240	9-100-9004	1	13,49 €
26	Hose Clamp for Water Management System (X6)	W7230246	9-100-7170	6	5,15 €
27	Jet Retainer (X2)	W7330234	9-100-7009	2	3,61 €
28	Water Management System	W7330235	9-100-7010	1	47,82 €
30	Sweep Hose scrubber	W7230245	9-100-3105	1	4,02 €
31	O-ring, In-head Timer/Feed Pipe Assembly	W7330231	9-100-5132	1	3,23 €
32	Top and Base Assembly	W7330238	9-100-7030	1	139,68 €
33	Feed Pipe/Timer Blank Assembly	W7330232	9-100-7003	1	25,97 €
34	Float, Head	W7230201	A20	1	10,14 €
35	Sweep Hose Complete	W7230204	B5	1	54,72 €
36	Wear Rings	W7230205	B10	1	3,16 €
37	Bag Collar	W7230107	9-100-1018	1	4,03 €
38	Top Housing	W7330224	9-100-1240	1	31,53 €
39	Base Assembly	W7330237	9-100-7026	1	64,01 €
40	Uwf restrictor Disk, red & Blue 2	W7230325	10-112-00	1	4,94 €
41	Uwf restrictor Kit	W1230317	6-500-00	1	7,44 €
42	Uwf Connector assembly	W7230322	9-100-9001	1	56,01 €
43	Uwf	W7330325	10-108-00	1	14,78 €
44	O-ring, uwf	W7230319	6-505-00	1	3,23 €
45	Pressure Relief Valve	W7230323	9-100-9002	1	17,35 €

Polaris® 3900 Sport

Spare Parts

Pressure cleaner
Operates from a vacuum point with a Polaris® booster pump

▶ TailSweep Pro® accessories avalaible p. 44



BAGS

Polaris® 3900 SPORT is shipped with the standard, double capacity silt bag Reference 39-310 and the ultra fine bag Reference K-18.

REF. 39-310 / W7610000

SuperBag (Double)

73,63 € HT

REF. K23 / W7230111

Zippered all Purpose Bag black

63,74 € HT

REF. K15 / W7230104

Leaf bag

65,33 € HT

REF. K18 / W7230109

Black sand & silt bag

61,07 € HT

REF. K52 / W7230114

Disposable bags (EZ Bag)

63,74 € HT

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

STANDARD PARTS

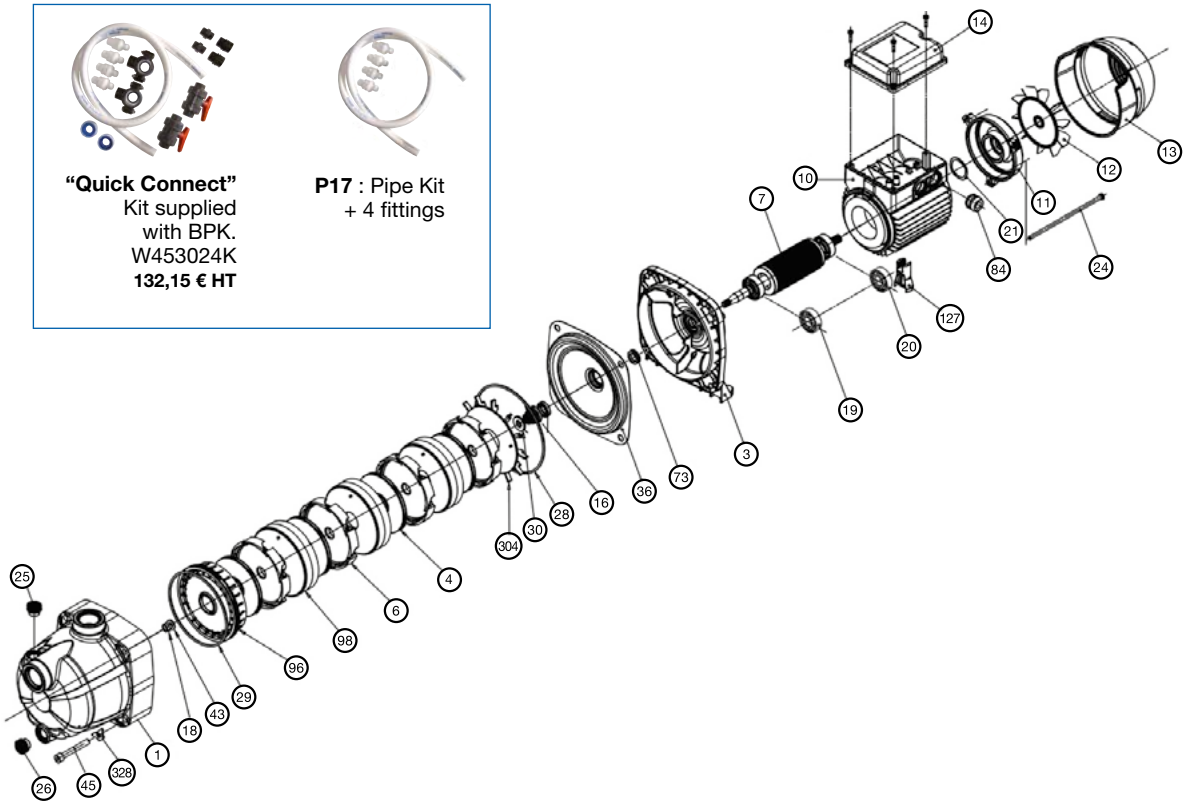
Position	Description	Reference Zodiac®	Reference Polaris®	Conditionnement Qté par sachet	Price ex VAT Euros
	Back up valve convertion Kit	W7330241	9-100-9040	1	**98,12 €**
	UWF Removal Tool, Plastic	W7230408	10-102-00	1	**11,96 €**
1	SuperBag (Double)	W7610000	39-310	1	**73,63 €**
2	Upper cover kit with handle and float	W7620010	39-003	1	**208,85 €**
	Float	R0538000	R0538000	1	**30,63 €**
3	Screw, 10-32 X 3/8» ss pan Head (X10)	W7230220	C40	10	**4,45 €**
4	Vaccum tube/feedpipe assy with O-ring	W7620025	39-006	1	**79,37 €**
4	O-ring	W7430230	48-141	1	**5,90 €**
5	Hubcap (set of 3)	W7640000	39-008	3	**10,06 €**
6	Wide trax tire®, Black	W7430237	48-232	1	**56,15 €**
7	wheel Lock screw (set of 3)	W7430218	48-036	3	**7,67 €**
8	Double-side wheel w/Bearing	W7640040	39-410	1	**80,78 €**
9	Chain	W7640020	39-126	1	**202,10 €**
10	Wheel sprocket assy w/Bearing	W7640045	39-420	1	**48,65 €**
11	Wheel spacer (set of 2)	W7640060	39-602	2	**18,75 €**
12	Frame	W7640080	39-100	1	**215,90 €**
13	Bumper	W7640010	39-111	1	**3,44 €**
14	Chain tensioner kit	W7640015	39-120	1	**74,48 €**
15	Rear axle Block assy	W7640050	39-430	1	**42,03 €**
16	Front axle Block assy	W7640055	39-440	1	**42,03 €**
17	Screw, 10-32 X 7/8» ss pan Head with star washer (set of 2)	W7430221	48-045	1	**2,44 €**
18	Gearbox assembly	W7640025	39-200	1	**279,38 €**
19	WMS assembly	W7640030	39-300	1	**54,01 €**
19	O-ring for WMS assembly	R0544000	R0544000	1	**5,48 €**
20	Rear Housing	W7620020	39-005	1	**30,35 €**
21	Bottom Housing	W7620015	39-004	1	**131,75 €**
22	Single-side wheel	W7640035	39-401	1	**67,39 €**
23	Sweeping pipe collar	W7230253	B16	1	**1,26 €**
24	Sweep Hose wear ring, Blue (set of 8)	W7630000	39-021	8	**4,90 €**
25	Orifice tip w/ Orifice tip Guard	W7230208	B25	1	**4,94 €**
26	Sweep Hose scrubber	W7230245	9-100-3105	1	**4,02 €**
26	Box of 12 Tail Sweep Pro®	W7220032	TSP10P	1	**191,27 €**
26	Display unit for 18 Tail Sweep Pro®	W7220031	TSP10S	1	**286,90 €**
27	Sweep Hose Complete	W7630010	39-500	1	**78,56 €**
28	Uwf restrictor Disk, red & Blue 2	W7230325	10-112-00	1	**4,94 €**
29	Uwf restrictor Kit	W1230317	6-500-00	1	**7,44 €**
30	Uwf	W7330325	10-108-00	1	**14,78 €**
31	O-ring, uwf	W7230319	6-505-00	1	**3,23 €**
32	Pressure Relief Valve	W7230323	9-100-9002	1	**17,35 €**
33	Quick Disconnect, UWF	W7230304	D29	1	**14,86 €**
34	Nut, feed Hose, Gray	W7230302	D15	1	**6,24 €**
35	Uwf Connector assembly	W7230322	9-100-9001	1	**56,01 €**
37	In-line filter assembly	W7230316	48-080	1	**94,00 €**
38	Screen, In-Line filter	W7430231	48-222	1	**16,82 €**
39	Float, feed Hose, Gray	W7230301	D10	1	**11,79 €**
40	Swivel Ball Bearing, Gray	W7230303	D20	1	**23,39 €**
41	Feed Hose, 10ft., white	W7230305	D45	1	**52,52 €**
42	Leader Hose,10ft., Gray	W7230306	D50	1	**79,51 €**
43	Back-up Valve Kit	W7230308	G52	1	**151,65 €**
44	Mechanism for G52	W7230309	G53	1	**110,67 €**
45	Feed Hose Connector assembly	W7430229	48-140	1	**37,45 €**
46	Feed Hose assembly Complete	W7230307	G5	1	**342,76 €**
47	Black sand & silt bag	W7230109	K18*	1	**61,07 €**
49	Chain gard	R0537800	R0537800	1	**6,24 €**
50	Ball Bearing	W7330217	9-100-1108	1	**15,04 €**
	Tire, Positrax for fiberglass, black	W7430224	48-049	1	**60,76 €**
	Zippered all Purpose Bag black	W7230111	K23	1	**63,74 €**
	Leaf bag	W7230104	K15	1	**65,33 €**
	SuperBag (Double)	W7610000	39-310	1	**73,63 €**
	Zippered all Purpose Bag black	W7230111	K23	1	**63,74 €**
	Black sand & silt bag	W7230109	K18	1	**61,07 €**
	Disposable bags (EZ Bag)	W7230114	K52	1	**63,74 €**

Booster pump

Spare Parts

"Quick Connect"
Kit supplied
with BPK.
W453024K
132,15 € HT

P17 : Pipe Kit
+ 4 fittings



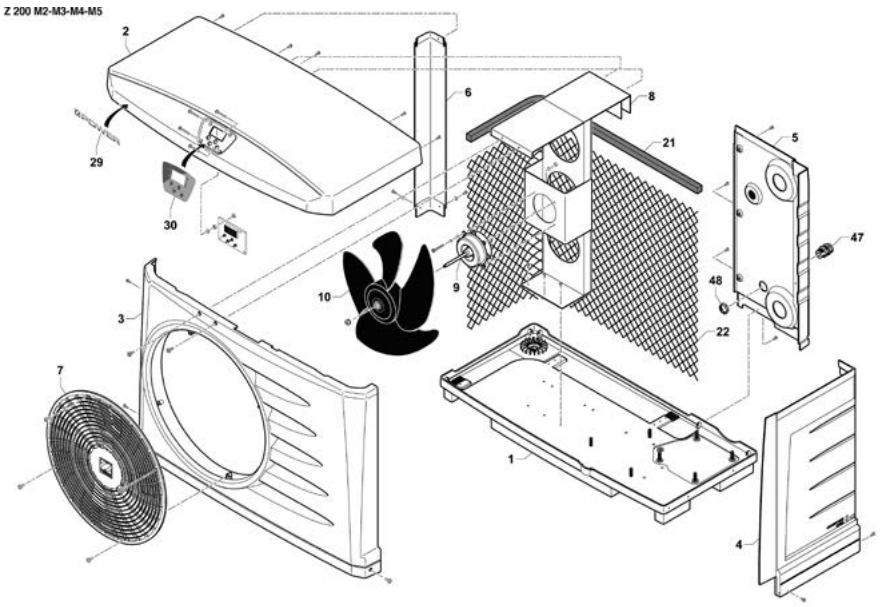
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

STANDARD PARTS

Position	Description	Reference Zodiac®	Reference Polaris®	Price ex VAT
	Kit supplied with BPK	W453024K		132,15 €
1	body of the Pump	W4530217	148120620	134,80 €
3	Closing Pump	W4530224	161430090	50,59 €
4	Turbine	W4530219	150761091	12,48 €
6	Diffuser	W4530226	162860480	4,86 €
7	Rotor	W4530212	145002750	160,42 €
11	Motor Lid	W4530227	164030020	14,40 €
12	Ventilator	W4530220	160760240	8,45 €
13	Back Protection	W4530229	164260100	6,29 €
14	cover Electrical Terminals	W4530228	164060410	9,20 €
16	Complete Mechanical Cup and Spring	W4530218	148620500	54,55 €
18	O'Ring, Blockade	W4530205	2520633	1,98 €
19	Bearing Shaft	W4530203	2310003	21,21 €
20	Bearing Motor Shaft	W4530202	2310002	12,27 €
21	Metallic Disc	W4530207	2570001	2,08 €
	Condenser	W4530208	2710005	10,55 €
25	Starting Plug	W4530214	147120340	2,10 €
26	Starting Plug	W4530214	147120340	2,10 €
28	O'Ring	W4530201	2220377	2,10 €
29	O'Ring, body of the pump	W4530215	2220365	2,11 €
30	Wedge	W4530231	168300150	4,73 €
36	Watertightness cover	W4530221	161000330	26,32 €
43	O'Ring, Metal Disc Blockade	W4530206	2523059	1,96 €
45	Screw, body of the pump	W4530204	2420712	4,28 €
73	O'Ring	W4530255	2210558	4,24 €
84	Mechanical Seal	W4530233	168560310	2,10 €
96	Forward Suction body	W4530211	142860140	20,61 €
98	Diffuser's body	W4530223	161360480	6,10 €
127	Pump Stand with Feet	W4530225	161560190	2,10 €
304	Back Deflector	W4530222	161060560	5,99 €
	Electrical Terminals	W4530213	146860000	4,14 €
	Condenser's Slip	W4530234	168560330	13,94 €
328	Metallic Disc, body of the pump	W4530232	168300170	3,14 €
	Pipe Kit + 4 fittings	R0617100	R0617100	65,90 €

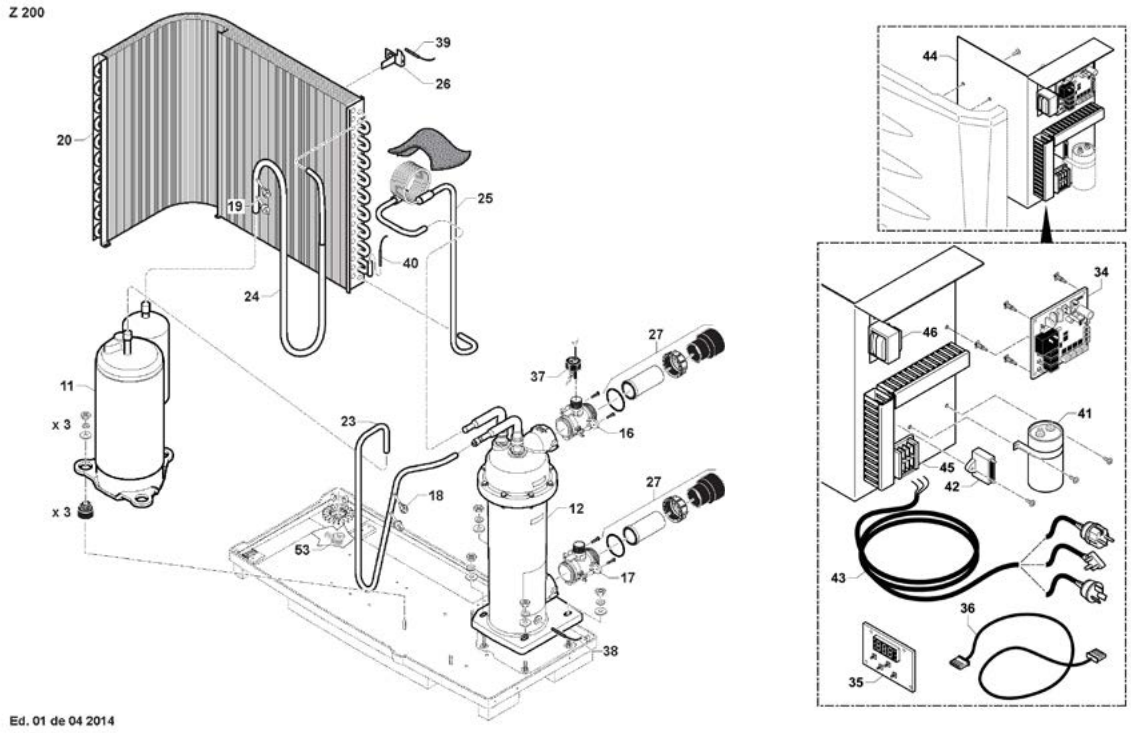
Z200 & PI20

Spare Parts



Position	Description	Reference Z200	Reference PI20 - Power	Price ex VAT
	Electrical spare parts			
34	PCB Board non Easy Connect version	R08105		83,81 €
	PCB Board Easy Connect version	R08109	WWA01069	83,81 €
35	User Interface and lexan non Easy Connect version	R07238	R07237	37,28 €
	User Interface and lexan non Easy Connect version		R07239	37,28 €
36	Link cable (PCB - User interface)	WWA01043		9,32 €
38	Water Temperature sensor	WWA01045		16,77 €
39	Air Temperature sensor	WWA01046		16,77 €
40	Defrost Temperature sensor	WWA01047		16,77 €
37	Water flow switch	V0088000A		20,55 €
9	Motor fan 5, 7 et 9 KW	WWA01009		195,55 €
	Motor fan 11 KW	WWA01066		206,59 €
41	Compressor capacitor Mitsubishi 5 KW 30µF	WWA01048		31,06 €
	Compressor capacitor Toshiba 5 KW 35µF	B0049500A		36,96 €
	Compressor capacitor Mitsubishi 7 KW 40µF	WWA01049		37,26 €
	Compressor capacitor Toshiba 7 KW 45µF	B0049700A		43,03 €
	Compressor capacitor Toshiba 9 KW 50µF	WWA01050		43,46 €
	Compressor capacitor Panasonic 9 KW 60µF	B0049900A		49,64 €
	Compressor capacitor 11 KW 55 µF	WWA01068		47,75 €
42	Fan capacitor 5, 7 et 9 KW 2µF	WWA01051		16,75 €
	Fan capacitor 11 KW 4µF	WWA01071		19,49 €
44	Electrical plate complete (without compressor condensor)	WWA01052		465,73 €
	Electrical plate complete new condenser (since 2014)	B0048800A		617,88 €
43	Electric cable (French version)	WWA01055		32,63 €
51	Heating priority relay	B0049400A		10,92 €
52	Y board for remote control	B0049100A		9,37 €
46	230/10,5V transformer	R06707		28,58 €
-	Electric terminal strip + protection	WWA01097		4,87 €
	Easy connect wires kit	R06916		7,35 €
	Refrigerating spare parts			
11	Compressor Mitsubishi 5 KW	WWA01011		767,49 €
	Compressor Toshiba 5 KW	V0088800A		753,30 €
	Compressor Mitsubishi 7 KW	WWA01012		822,31 €
	Compressor Toshiba 7 KW	V0089200A		827,99 €
	Compressor Toshiba 9 KW	WWA01013		890,85 €
	Compressor Panasonic 9 KW**	V0089700A		947,04 €
	Compressor Toshiba 11 KW	WWA01067		945,90 €
20	Evaporator 5 KW (with distributor & collector)	WWA01023		511,63 €
	Evaporator 7 KW (with distributor & collector)	WWA01024		749,18 €
	Evaporator 9 and 11 KW (with distributor & collector)	WWA01025		950,23 €

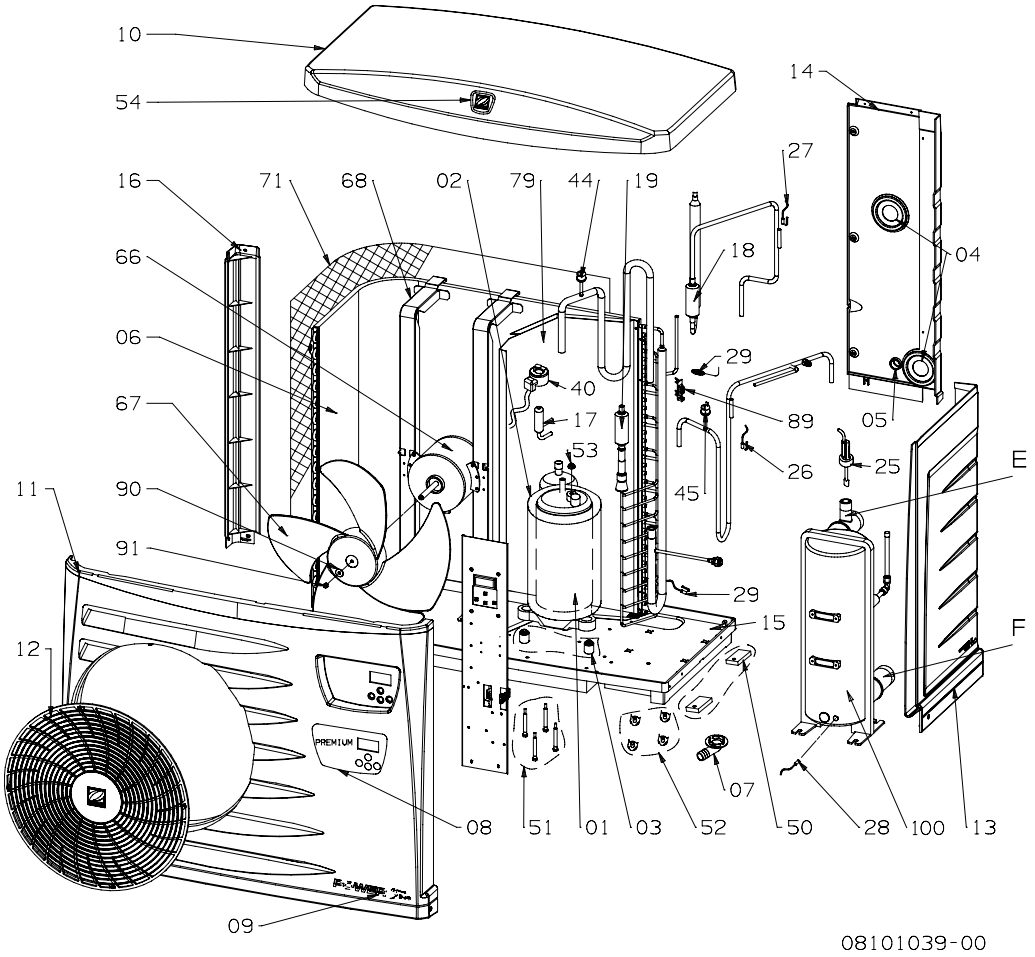
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019



Position	Description	Reference Z200	Reference PI20 - Power	Price ex VAT
12	Condenser 5 KW (before 2014)	WWA01072		767,49 €
	Condenser 5 KW (Z200 M2)	V0089800A		689,59 €
	Condenser 7 KW (Z200 M3)	V0089900A		739,25 €
	Condenser 9 KW (before 2014)	WWA01074		890,85 €
	Condenser 9 KW (Z200 M4)	V0090000A		802,13 €
	Condenser 11 KW (before 2014)	WWA01075		945,90 €
	Condenser 11 KW (Z200 M5)	V0090100A		850,68 €
	Condenser tank	R08015		153,98 €
18	Pressure switch HP (to be welded)	WWA01021		29,77 €
19	Pressure switch LP (to be welded)	WWA01022		29,77 €
Others				
-	Compressor acoustic cover Toshiba 9 et 11kW	WWA01080		32,00 €
	Compressor acoustic cover Toshiba 5 KW	T0041700A		32,00 €
	Compressor acoustic cover Toshiba 7 KW	T0041800A		32,00 €
	Compressor acoustic cover Panasonic 9 KW	T0041600A		32,00 €
30	Lexan	H0442000B		6,83 €
27	PC union	WWA01083		8,17 €
16	Condenser outlet wtter connection with tapping	WWA01019		4,21 €
	Condenser outlet waterconnection with tapping (since 2014)	A0260300A		4,75 €
17	Condenser inlet water connection	WWA01020		3,71 €
	Condenser inlet water connection (since 2014)	A0260200A		4,75 €
26	Temperature sensor bracket	WWA01037		6,62 €
10	Fan	WWA01010		8,37 €
29	Name sticker	H0442100A	WWA01039	2,79 €
53	Condensate water device	A0260100A		8,82 €
	Protective cap	R08070		10,20 €
Casing				
1	Base	WWA01001		58,31 €
2	Cover	A0259500A	WWA01002	50,44 €
3	Front panel	A0259600A	WWA01003	78,82 €
4	Technical Door	A0259700A	WWA01004	25,21 €
5	Rear panel	A0259800A	WWA01005	17,49 €
6	Angle	A0259900A	WWA01006	9,15 €
7	Grid	A0260000A	WWA01087	11,56 €
8	Fan Support	WWA01008		74,49 €
22	Evaporator protection	WWA01027		6,07 €
-	Wintering cap	WPC02908		2,10 €
Accessories				
-	Winter cover	R07094		80,92 €
	Cleaning Kit PAC NET	WMA03491		104,04 €
	Remote control	WH000200	-	107,18 €

Z300, PM30 & POWER FIRST Premium

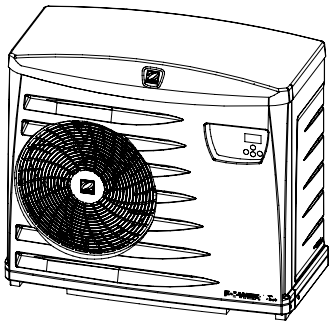
Spare Parts

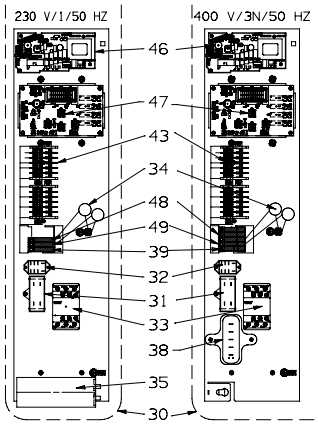


Position	Description	Reference Z300	Reference PM30	Reference PM Premium	Price ex VAT
	Electrical spare parts				
25	Flow rate switch		WTC03943		**198,60 €**
26	Temperature sensor		R06740		**27,05 €**
27	Temperature sensor		R06740		**27,05 €**
28	Temperature sensor		R06740		**27,05 €**
29	Temperature sensor		R06740		**27,05 €**
30	Set Electrical PFPREM 6		WTC03929		**943,25 €**
	Set Electrical PFPREM 8, PM3041 and Z300 M4		WTC03930		**943,25 €**
	Set Electrical PFPREM 11M, PM3051 and Z300 M5		WTC03931		**967,88 €**
	Set Electrical PFPREM 11T, PM3053 and Z300 T5		WTC03932		**967,88 €**
	Set Electrical PFPREM 13M, PM3061 and Z300 M7		WTC03992		**967,79 €**
31	Condenser 5 µF for fan		WTC03936		**11,14 €**
33	Switch 25 A, 230 V, 50/60 Hz PFPREM 11 MD, PM3052 and Z300 MD5		WCF01113		**76,18 €**
33	Switch 18 A, PM/PFPREM11/15 TD, PM3056/76 and Z300 TD5/8		WTC03937		**100,88 €**
34	Varistore (S20K275)		WTC03988		**8,15 €**
35	Compressor alu capacitor 45 µF		B0181600A		**45,39 €**
	Compressor capacitor 50µf		B0181100A		**45,19 €**
	Compressor capacitor 55µf		B0181700A		**45,39 €**
	Compressor alu capacitor 60 µF		B0181800A		**45,39 €**
38	Phase controller (PREM TRI)		WTC03940		**89,66 €**
40	Expansion valve Coil SAG UKV A053		WTC03941		**65,15 €**
46	Main card A1 + expansion valve card A4 set		R07151		**200,89 €**
	Main card A1		WTC03944		**200,89 €**
	Expansion valve card A4		R06931		**72,50 €**
47	Display card A2		WTC03939D		**194,40 €**
66	Ventilator motor		WTC03783		**283,71 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

POMPE PISCINE
Z 300 M4, M5, T5



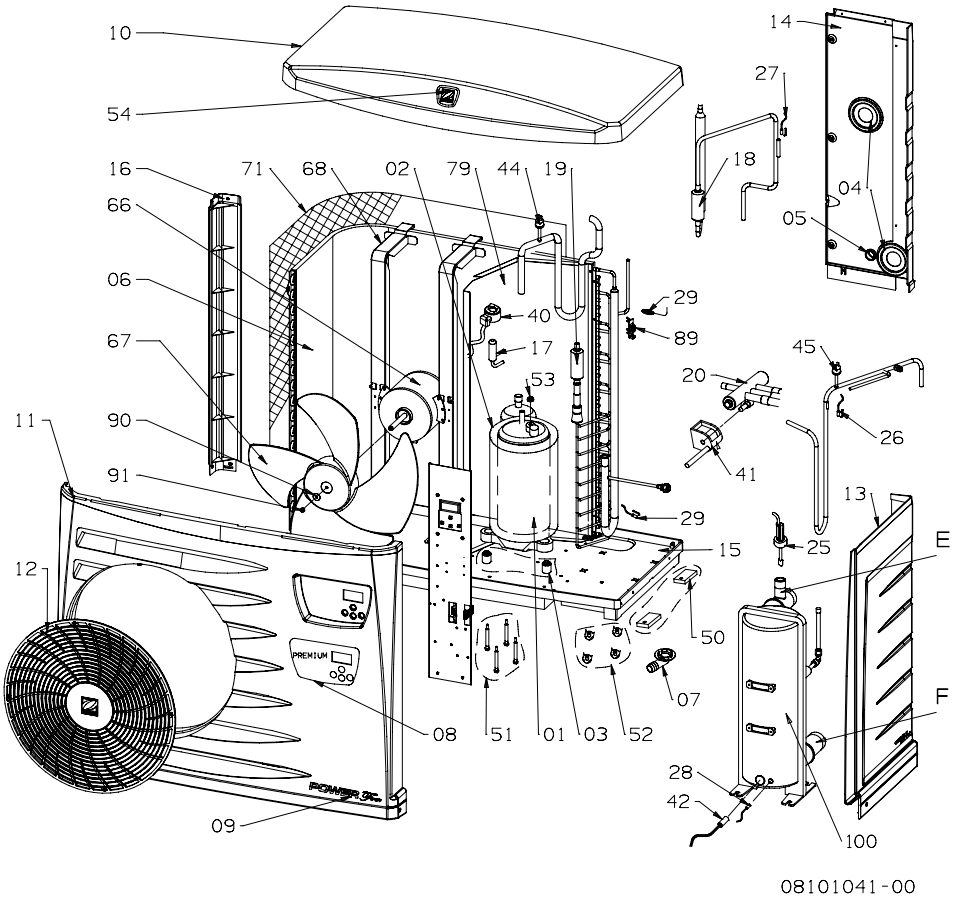


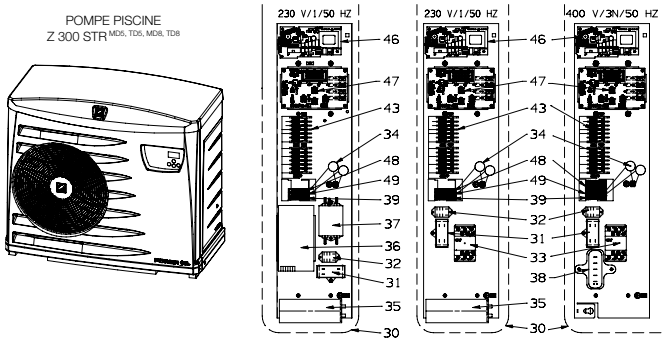
Position	Description	Reference Z300	Reference PM30	Reference PM Premium	Price ex VAT
	Refrigerating spare parts				
1	Compressor PFPREM 6	WTC03920			810,45 €
	Compressor PFPREM 8, PM3041 and Z300 M4	WTC03921			899,63 €
	Compressor PFPREM 11MD, PM3052 et Z300 MD5	WTC03922			969,89 €
	Compressor PFPREM 11TD, PM3056 et Z300 TD5	WTC03923			1.023,99 €
	Compressor PFPREM 13M, PM3061 et Z300 M7	WTC03987			1.538,37 €
-	Compressor suction tube PFPREM 11/13, PM3051/53/61 and Z300 M5/T5/M7	WDE01080			46,65 €
6	Evaporator PFPREM 6, 8, PM3041 and Z300 M4	WTC03985			1.337,67 €
	Evaporator	WTC03986			1.975,52 €
17	Expansion valve UKV MD4	WTC03927			180,64 €
	Expansion valve UKV MD5-8 TD5-8	WTC03928			197,55 €
	Expansion valve UKV 30D33 for PFPREM 15 MD/TD, PM3072/76 and Z300 MD8/TD8	WTC03994			258,50 €
44	LP 0.5/2 Bar pressure switch (to be soldered)	WTC03815			53,49 €
45	HP 33/42 Bar pressure switch (to be soldered)	WTC03816			58,47 €
100	Condenser 6KW PFPREM 6	R06960			439,23 €
	Condenser 7,5KW PFPREM 8, PM3041 and Z300 M4	R06961			457,10 €
	Condenser 9,5KW PFPREM 11, PM3051/53 and Z300 M5/T5	R06963			474,96 €
	Condenser 13kW PFPREM 13M, PM3061 and Z300 M7	R06954			522,25 €
	Casing				
10	Cover	A0260500A	WPV01001		46,24 €
11	Front panel	A0260400A	WPV01003		51,49 €
12	Grate	A0260900A	WPV01006		16,81 €
13	Technical door	A0260700A	WPV01007		22,06 €
14	Rear panel	A0260800A	WPV01004		19,96 €
15	Base	WPV01002			51,99 €
16	PFPREM upright	A0260600A	WPV01005		11,97 €
	Others				
2	Compressor insulation PFPREM 6, 8, PM3041 and Z300 M4	WTC03925			34,16 €
2	Compressor insulation PFPREM 11, 13	WTC03926			47,35 €
7	Condensate drain	WTC02971			13,66 €
8	Lexan	H0445800A	H0512300A	WTC03942	25,96 €
67	Ventilator fan	WTC03784			73,20 €
68	Fan motor bracket	WTC03895			68,20 €
-	Condenser support bracket set	R06415			2,10 €
71	Protective grate 1045 x 765	WTC03896			66,13 €
E	Condenser outlet connector with tapping+gasket (before 2016)	R0611001			14,08 €
-	Condenser outlet connector 3 fixations with tapping+gasket	A0358000A			8,07 €
F	Condenser inlet connector with tapping+gasket (before 2016)	R0611301			14,08 €
-	Condenser inlet connector 3 fixations without tapping+gasket	A0357800A			4,86 €
-	Set of 2 half-union connectors + gaskets 40/49	W20RDU			21,60 €
50	Anti vibration pegs (to order by 4)	WAP03064			3,47 €
	Accessories				
	Condensate tray + elbow	R07242			259,55 €
	Remote control module	WTC04004			445,90 €
	Local facility kit	W20KITPFPREMLT			1.460,62 €
	Winter cover	R07095			87,22 €
	Cleaning Kit PAC NET	WMA03491			104,04 €

*All electric parts on single phased Heat Pumps are sold without condensers.

Z300, PM30 & POWER FIRST Premium

Spare Parts





Position	Description	Reference Z300	Reference PM30	Reference PM Premium	Price ex VAT
	Electrical spare parts				
25	Flow rate switch	WTC03943			198,60 €
26	Temperature sensor	R06740			27,05 €
27	Temperature sensor	R06740			27,05 €
28	Temperature sensor	R06740			27,05 €
29	Temperature sensor	R06740			27,05 €
30	Set Electrical PFPREM11/15 TD, PM3056/76 and Z300 TD5/8	WTC03934			967,79 €
	Set electrical PFPREM 11 MD, PM3052 and Z300 MD5	WTC03933			1.134,87 €
	Set electrical PFPREM 15 MD, PM3072 and Z300 MD8	R07319			1.002,47 €
31	Condenser 5 µF	WTC03936			11,14 €
33	Switch 25 A, 230 V, 50/60 Hz PFPREM 11 MD, PM3052 and Z300 MD5	WCF01113			76,18 €
33	Switch 18 A, PFPREM11/15 TD, PM3056/76 and Z300 TD5/8	WTC03937			100,88 €
	Switch Kit PM3072, Z300 MD8	R07473			272,16 €
34	Varistore (S20K275)	WTC03988			8,15 €
35	Compressor capacitor 55µf (CAE 508)	B0181700A			45,39 €
	Compressor alu capacitor 60 µF (Eden 3)	B0181800A			45,39 €
38	Phase controller (PREM TRI)	WTC03940			89,66 €
40	Expansion valve Coil SAG UKV A053	WTC03941			65,15 €

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

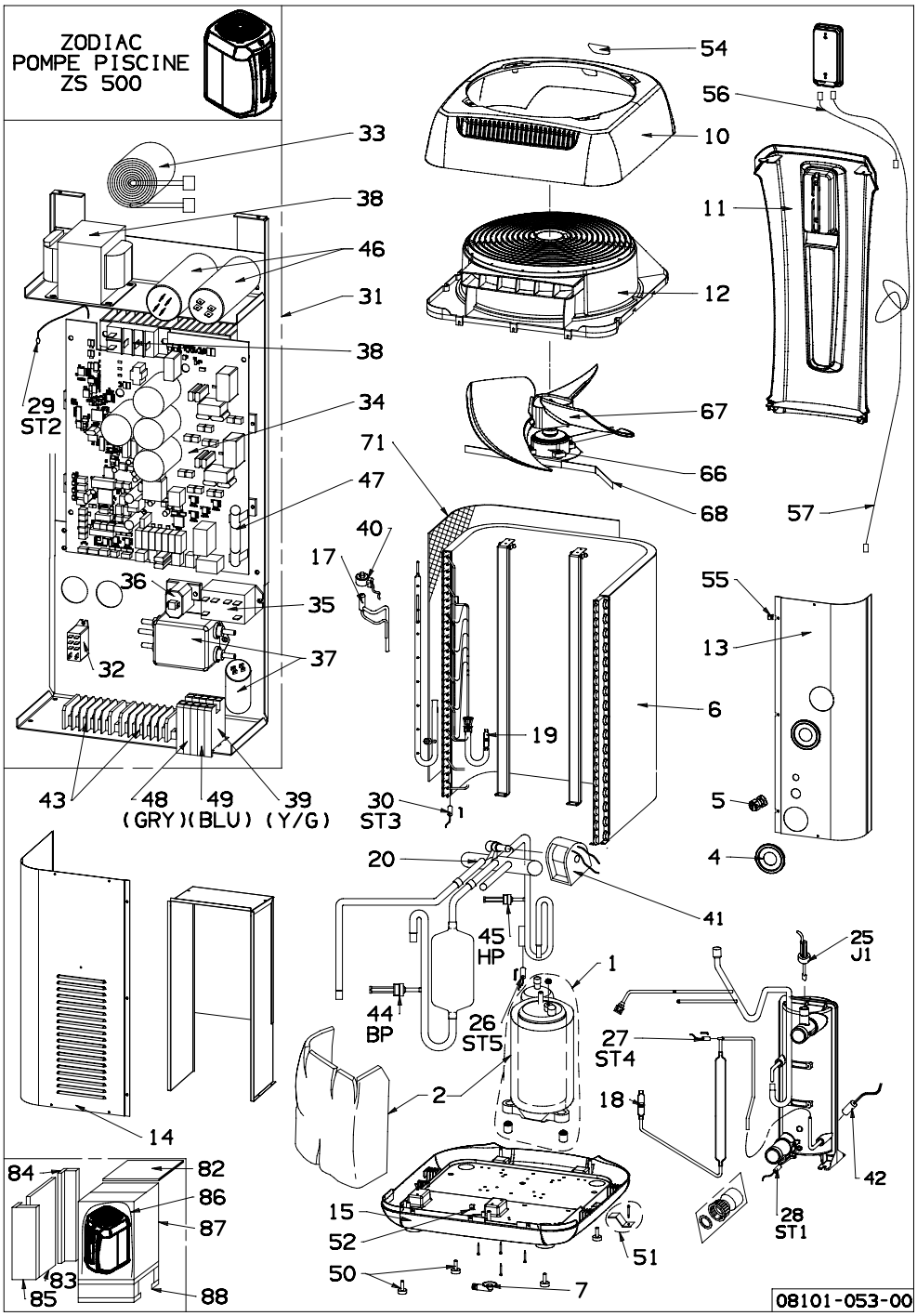
Reversible version

Position	Description	Reference Z300	Reference PM30	Reference PM Premium	Price ex VAT
41	4-way coil		WTC03836		69,35 €
42	Condenser antifrost resistance 55W L500 (11MD, 11TD, 15MD, 15TD)		WTC03991		50,33 €
44	LP 0.5/2 Bar pressure switch to solder		WTC03815		53,49 €
45	HP 33/42 Bar pressure switch to solder		WTC03816		58,47 €
46	Main card A1 + expansion valve card A4 set		R07151		200,89 €
46	Main card A1		WTC03944		200,89 €
	Expansion valve card A4		R06931		72,50 €
47	Display card A2		WTC03939D		194,40 €
66	Ventilator motor		WTC03783		283,71 €
	Starter booster		R07445		190,20 €
	EMC Filter 25A C3		WTC04000		195,90 €
	Refrigerating spare parts				
100	Condenseur 9,5KW PFPREM 11 MD/TD, PM3052/56 and Z300 MD5/TD5		R06963		474,96 €
	Condenseur 25KW PFPREM 15 MD/TD, PM3072/76 and Z300 MD8/TD8		R06957		709,30 €
1	Compressor PFPREM 11MD, PM3052 et Z300 MD5		WTC03922		969,89 €
	Compressor PFPREM 11TD, PM3056 et Z300 TD5		WTC03923		1.023,99 €
	Compressor PFPREM 15MD, PM3072 et Z300 MD8		WTC03924		1.796,87 €
	Compressor C-SBP160H38A PFPREM 15TD, PM3076 et Z300 TD8		WTC03999		1.833,65 €
-	Evaporator		WTC03986		1.975,52 €
-	Expansion valve UKV MD5-8 TD5-8		WTC03928		197,55 €
-	Expansion valve UKV 30D33 for PFPREM 15 MD/TD, PM3072/76 and Z300 MD8/TD8		WTC03994		258,50 €
-	4-way valve MD4-5 TD5		WTC03989		188,10 €
	Casing				
10	PFPREM cover	A0260500A	WPV01001		46,24 €
11	PFPREM front panel	A0260400A	WPV01003		51,49 €
12	PFPREM grate	A0260900A	WPV01006		16,81 €
13	PFPREM technical door	A0260700A	WPV01007		22,06 €
14	PFPREM rear panel	A0260800A	WPV01004		19,96 €
15	Base		WPV01002		51,99 €
16	PFPREM upright	A0260600A	WPV01005		11,97 €
	Others				
50	Anti vibration pegs (to order by 4)		WAP03064		3,47 €
2	Compressor insulation PFPREM 11, 13		WTC03926		47,35 €
2	Compressor insulation PFPREM 15		WTC03993		78,17 €
7	Condensate drain		WTC02971		13,66 €
8	Z300 Lexan	H0445800A	H0512300A	WTC03942	25,96 €
67	Ventilator fan		WTC03784		73,20 €
68	Fan motor bracket		WTC03895		68,20 €
	Condenser support bracket set		R06415		2,10 €
71	Protective grate 1045 x 765		WTC03896		66,13 €
E	Condenser outlet connector with tapping+gasket (before 2016)		R0611001		14,08 €
-	Condenser outlet connector 3 fixations with tapping+gasket		A0358000A		8,07 €
F	Condenser inlet connector with tapping+gasket (before 2016)		R0611301		14,08 €
-	Condenser inlet connector 3 fixations without tapping+gasket		A0357800A		4,86 €
-	Set of 2 half-union connectors + gaskets 40/49		W20RDU		21,60 €
	Accessories				
-	Condensate tray + elbow		R07242		259,55 €
-	Remote control module		WTC04004		445,90 €
-	Local facility kit		W20KITPFPREMLT		1.460,62 €
-	Winter cover		R07095		87,22 €
-	Cleaning Kit PAC NET		WMA03491		104,04 €

*All electric parts on single phased Heat Pumps are sold without condensers.

ZS500

Spare Parts

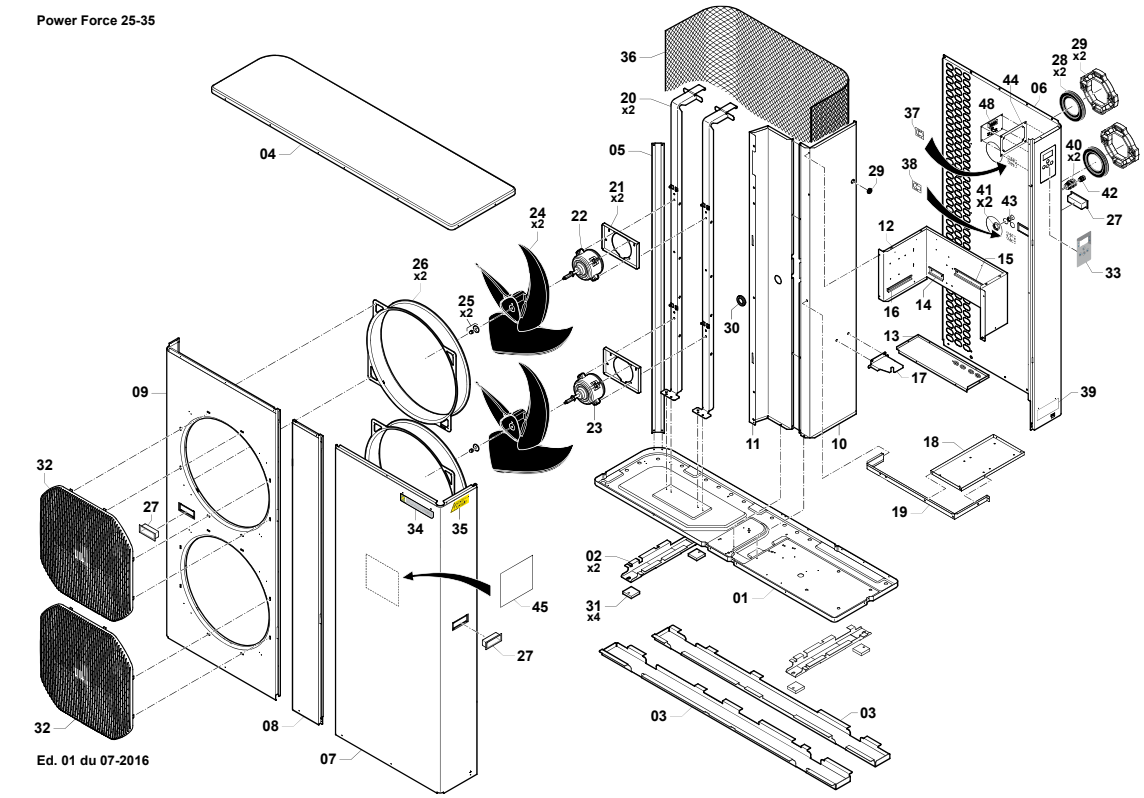


Position	Description	Reference	Price ex VAT
	Electrical spare parts		
25	Flow switch	B0052400A	**172,09 €**
26 27 28 29 30	Temperature sensor	R06740	**27,05 €**
31	Complete electrical set without pad MD4	B0203200A	**1.726,02 €**
	Complete electrical set without pad MD5	B0052100A	**1.663,60 €**
	Complete electrical set without pad MD8	B0203300A	**1.871,68 €**
	Complete electrical set without pad TD5	B0224900A	**2.486,56 €**
	Complete electrical set without pad TD8	B0225000A	**2.486,56 €**
34	A1 Main electronic card set MD4	R07146	**1.069,00 €**
	A1 Main electronic card set MD5	R07147	**1.131,02 €**
	A1 Main electronic card set MD8	R07148	**1.131,02 €**
	A1 Main electronic card set TD5	B0217300B	**1.363,58 €**
	A1 Main electronic card set TD8	B0217400B	**1.363,58 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

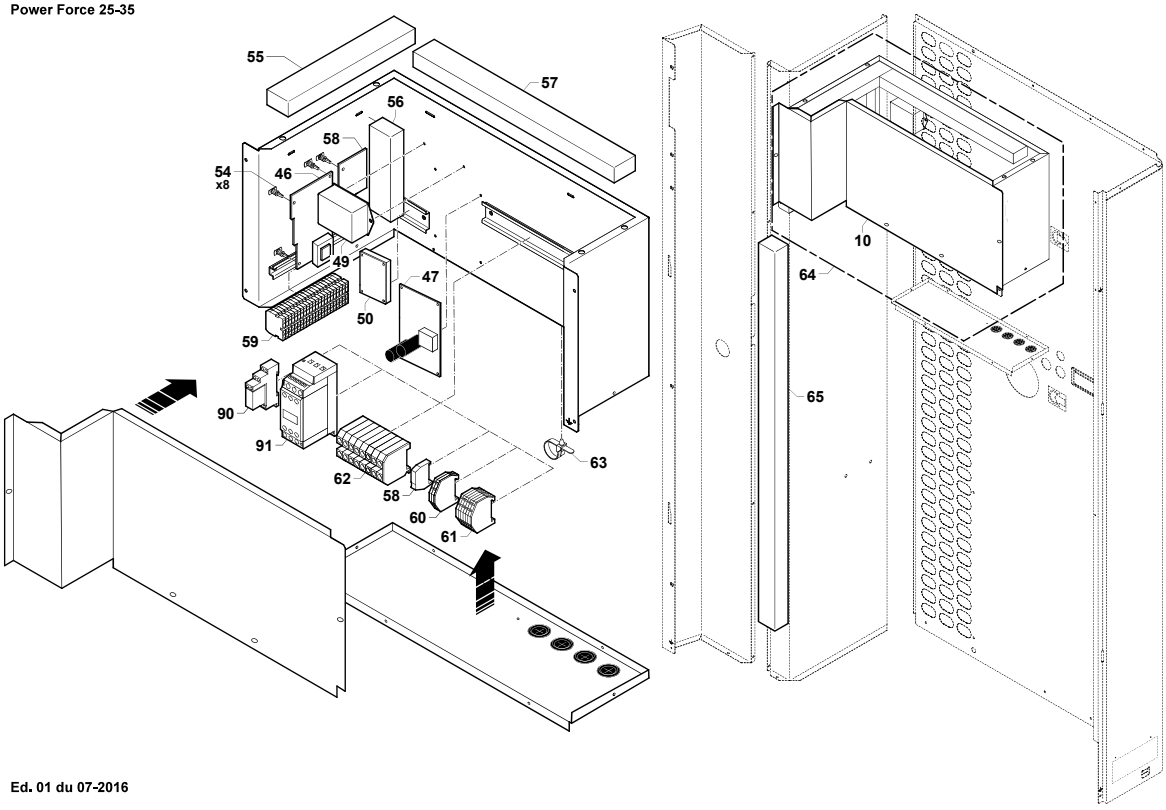
Position	Description	Reference	Price ex VAT
	V4V Filter	R0800000	5,20 €
-	A1 Card fuse 6,3 x 32 25A	B0050600A	5,41 €
57	Communication wire RJ11/45 2M	B0051900A	48,71 €
37	EMC Filter 250-16A MD4-5	B0050900A	62,00 €
	EMC Filter 250-25A MD8	WTC04000	195,90 €
	EMC Filter TD5-8	B0217600A	453,67 €
32	Relay 12A 230V 2 changeover contacts (for heating priority)	B0050800A	35,73 €
	Relay ZS500 TD (for power)	B0217500A	43,49 €
33	Filter inductor 30KHZ 1,5mH 22A	B0050700A	286,81 €
-	Capacitor 1500µF 400V	B0217700A	278,46 €
42	condenser resistance 55W L750	B0051000A	85,50 €
-	Pad (Display)	WVH00001	152,59 €
	Lexan Pad ZS500	WZD00001	8,66 €
66	Motor fan	B0050300A	353,36 €
Refrigerating spare parts			
1	Compressor ZS500 MD4-5	B0050500A	969,77 €
	Compressor ZS500 MD8	B0185300A	1.783,22 €
	Compressor ZS500 TD5	V0145000A	1.783,22 €
	Compressor ZS500 TD8	V0145100A	1.833,65 €
6	Evaporator battery MD4	M0126100A	1.318,76 €
	Evaporator battery MD5-8 TD5-8	M0042500A	2.206,69 €
17	Expansion valve UKV MD4	WTC03927	180,64 €
	Expansion valve UKV MD5-8 TD5-8	WTC03928	197,55 €
40	Expansion valve coil	B0217200A	228,02 €
20	4-way valve MD4-5 TD5	WTC03989	188,10 €
	4-way valve MD8 - TD8	V0144700A	188,10 €
41	4-way coil	WTC03836	69,35 €
44	Pressure switch BP (to be soldered)	B0051200A	40,59 €
45	Pressure switch HP (to be soldered)	B0051100A	40,59 €
	Condensor 13KW MD4-5 TD5	R06954	522,25 €
	Condensor 25KW MD8 TD8	R06957	709,30 €
Casing			
10	Top panel	A0240800A	79,87 €
11	Front panel	A0240500A	69,27 €
12	Grate	A0240700A	116,64 €
13	Fixed rear panel	M0041200A	73,59 €
14	Removable rear panel	M0041300A	88,75 €
15	Base plate	A0240600A	171,28 €
Others			
2	Compressor sound insulation MD4-5 TD5	T0041900A	192,65 €
	Compressor sound insulation MD8 TD8	T0067500A	207,91 €
7	Condensate drain	WTC02971	13,66 €
50	Anti-vibration mounts	A0261100A	15,56 €
67	Propeller	WTC03955	148,80 €
68	Fan motor bracket MD4	M0132900A	128,81 €
	Fan motor bracket MD5-8 TD5-8	M0041400A	128,81 €
	Condenser support bracket set	R06415	2,10 €
71	Grey protective evaporator grate	A0261000A	31,39 €
	Condenser outlet connector with tapping+gasket (before 2016)	R0611001	14,08 €
	Condenser outlet connector 3 fixations with tapping+gasket	A0358000A	8,07 €
	Condenser inlet connector +gasket without tapping (before 2016)	R0611301	14,08 €
	Condenser inlet connector 3 fixations +gasket, without tapping	A0357800A	4,86 €
	Set of 2 half-union connectors + gaskets 40/49	W20RDU	21,60 €
Accessories			
	Condensate tray	R07240	259,55 €
	Remote control module	WH000201	52,96 €
	Local facility kit	WH000202	1.154,83 €
	Winter cover	R07096	107,18 €
	Cleaning Kit PAC NET	WMA03491	104,04 €

Power Force 25-35



Ed. 01 du 07-2016

Power Force 25-35



Ed. 01 du 07-2016

Position	Description	Reference	Price ex VAT
	Electrical spare parts		
22	Bottom or Top fan motor (both must be replaced)	WTC03954	**551,16 €**
48	Adjustment display card A2	WTC03939D	**194,40 €**
46	Adjustment main card A1	WTC03962	**348,21 €**
58	Expansion valve card A4	R07043	**72,50 €**
47	Fan card A3 + protective circuit	WTC03963	**540,11 €**

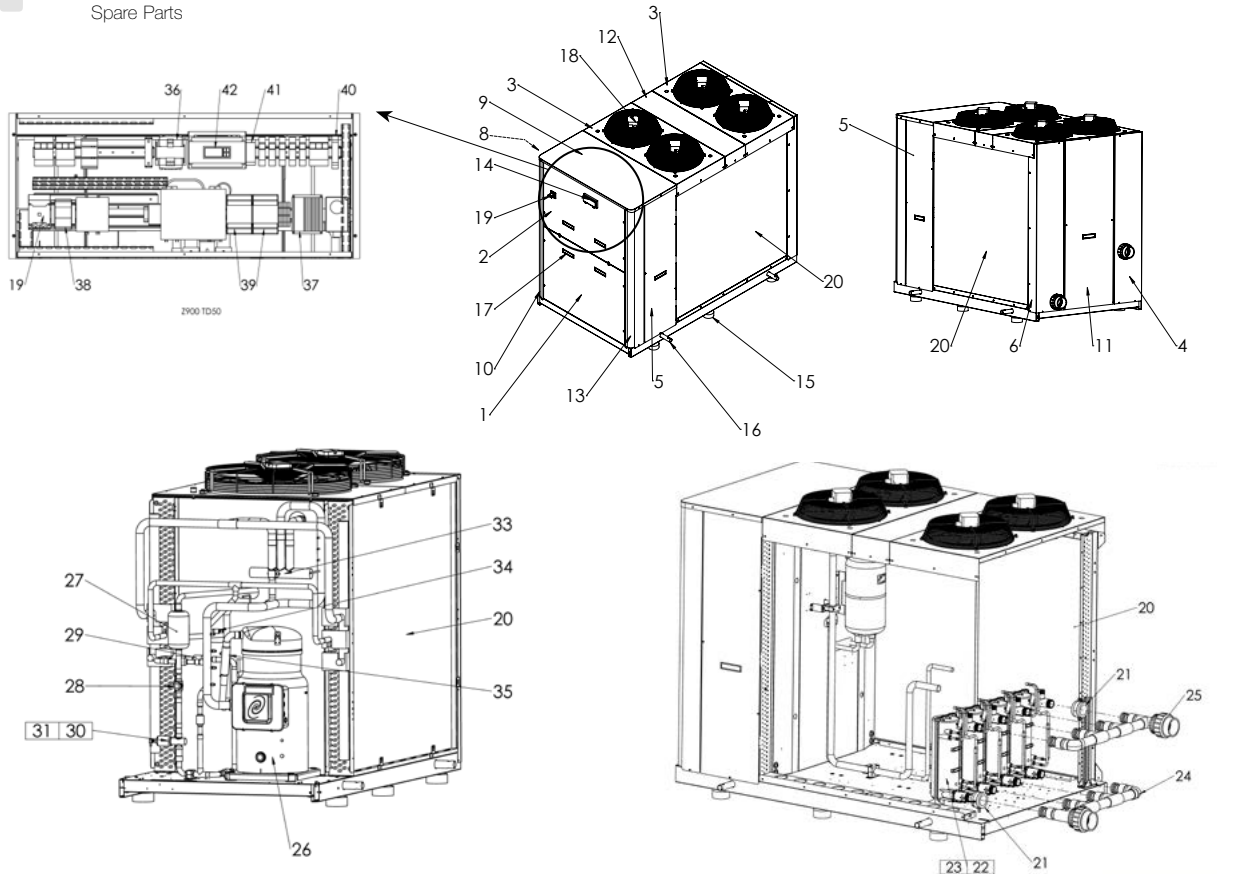
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
50	Housing resistance 45W compressor	WTC03964	162,35 €
	Protection circuit	WTC03974	302,63 €
52	Fuse terminal assembly 5 x 20 2 A	WTC04002	75,77 €
	Contactor 25 A	WCF01113	76,18 €
	Phase controller (PREM TRI)	WTC03940	89,66 €
83	Temperature sensor	R06740	27,05 €
87	Temperature sensor		27,05 €
88	Temperature sensor		27,05 €
84 85	Temperature sensor		27,05 €
49	Filter CEM 6 A, 250 V	WTC03982	170,23 €
	Varistore (S20K275)	WTC03988	8,15 €
	Klixon compressor	WTC04009	101,93 €
	Noryl Flow Switch	WSK02015	123,99 €
80	Compressor starter kit for Powerforce before 2016	WTC03977	1.201,07 €
Refrigerating spare parts			
66b	Compressor PowerForce 35	WTC03945	3.899,31 €
66a	Compressor PowerForce 25	WTC03946	2.922,29 €
69	Condenser PowerForce 25 and 35	R06959	935,22 €
70	Evaporator	WTC03947	4.658,22 €
75	4-way valve	WTC03948	346,35 €
73	Expansion valve UKV32D	WTC03949	421,45 €
72	Deshy 164 S	WTC03950	183,90 €
71	Liquid bottle	WTC03951	305,21 €
74	Expansion valve Coil UKV-A102 LG700	WTC03959	129,89 €
76	4-way coil STEF-01AI518A1	WTC03960	110,72 €
Casing			
9	Double ventilation assembly	WTC03965	472,86 €
8	Front panel assembly with display location (up to 2015)	WTC03966	216,46 €
	front panel (from nov.2015)	M0143900A	205,96 €
7	Side panel	WTC03968	345,72 €
6	Rear panel (up to 2015)	WTC03969	454,58 €
	Rear panel with display location (from nov. 2015)	M0144000A	454,58 €
4	Top panel assembly	WTC03970	259,55 €
5	Left rear upright	WTC03971	116,35 €
1/2/3	Base	WTC03973	577,96 €
Others			
101	Condensate manifold PowerForce	W20COLPAC2535EN	62,78 €
102	Condensate manifold PowerForce	W20COLPAC2535SO	62,84 €
103	Joint for 50 x 1’ 1/2 union	WNS03428	11,35 €
68	Compressor insulation	WTC03952	238,12 €
24	Propeller	WTC03955	148,80 €
32	Fan protection grate	WTC03956	123,99 €
36	Grill 1350x1490 mm	WTC03957	113,64 €
26	Plastic ferrule	WTC03958	385,78 €
33	Lexan	WTC03967	71,45 €
27	Plastic handle + seal	WTC03972	49,25 €
21	Ventilation support upright	WTC03976	129,89 €
	Card seal A2	WTC04008	0,98 €
	Condenser connection bracket	R06627	9,20 €
103-104-105	3 pieces connection kit diam. 63	WNS01791	26,81 €
	Condenser outlet connector with tapping+gasket (before 2016)	R0611001	14,08 €
	Condenser outlet connector 3 fixations with tapping+gasket	A0358000A	8,07 €
	Condenser inlet connector with tapping+gasket (before 2016)	R0611301	14,08 €
	Condenser inlet connector 3 fixations with tapping+gasket	A0357800A	4,86 €
Accessories			
	Remote control module	WTC04004	445,90 €
	Cleaning Kit PAC NET	WMA03491	104,04 €
	Condensate tray	R07241	318,34 €

* All electric parts on single phased Heat Pumps are sold without condensers.

Z900

Spare Parts



Position	Description	Reference	Price ex VAT
	Electrical spare parts		
18	Motorfan Z900 TD20-30	R07784	**556,61 €**
	Motorfan Z900 TD50	R07785	**362,06 €**
	Noryl flow switch	WSK02022	**122,94 €**
42	Regulation and display Z900 TD20	R07795	**222,65 €**
	Regulation and display Z900 TD30	R07796	**197,68 €**
	Regulation and display Z900 TD50	R07797	**197,68 €**
39	EEV driver Z900 TD20	R07792	**222,65 €**
	EEV connectors Z900 TD20	R07801	**47,86 €**
	EEV connectors Z900 TD30-50	R07802	**47,86 €**
37	Motorfan driver Z900 TD20-30	R07812	**113,40 €**
	Motorfan driver Z900 TD50	R07813	**175,83 €**
38	Compressor contactor Z900 TD20	R07787	**143,58 €**
	Compressor contactor Z900 TD30	R07788	**201,84 €**
	Compressor contactor Z900 TD50	R07789	**155,02 €**
	Temperature sensors (air and water)	R07803	**29,45 €**
	Suction temperature sensor (EEV aspiration)	R07800	**29,45 €**
40	Phase controler	R07786	**71,27 €**
41	Bipolar relay Z900 TD20-30	R07808	**33,29 €**
	Bipolar relay Z900 TD50	R07809	**41,62 €**
	Connection wire for pressure sensor	R07817	**24,97 €**
	Condenser antifreeze heater	R07799	**75,95 €**
	Compressor heater Z900 TD20	R07814	**59,30 €**
	Compressor heater Z900 TD30	R07815	**63,46 €**
	Compressor heater Z900 TD50	R07816	**71,27 €**
33	4 way-valve electrical coil	R07804	**68,67 €**
	4 way-valve Z900 TD20-30	R08017	**367,57 €**
	4 way-valve Z900 TD50	R08018	**909,49 €**
36	Transformer 24V Z900	R07798	**54,67 €**
19	Main ON/OFF switch Z900 TD20-30	R07806	**87,39 €**
	Main ON/OFF switch Z900 TD50	R07807	**121,73 €**

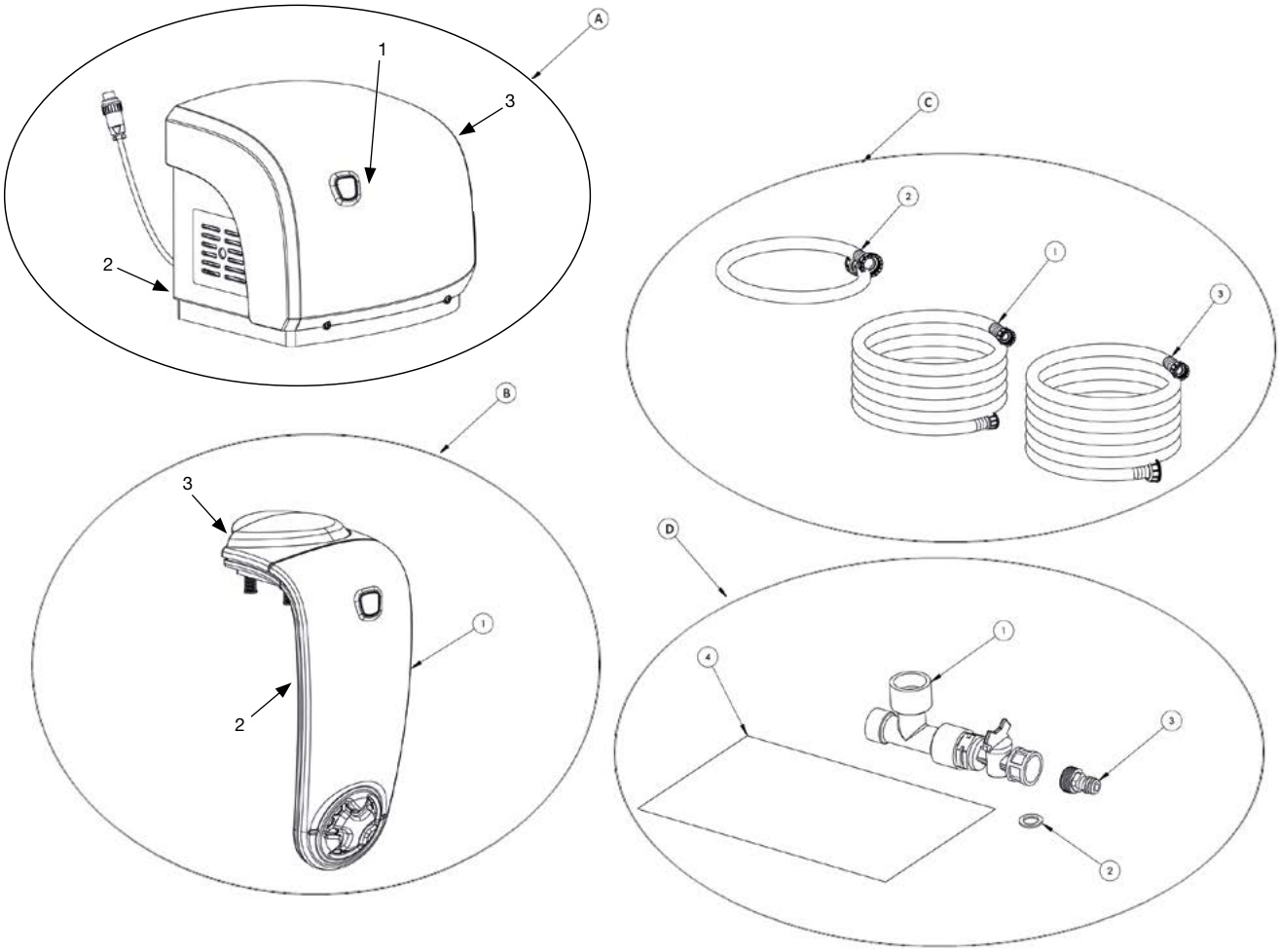
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
	Refrigerating spare parts		
26	Compressor Z900 TD20	R07827	2.866,30 €
	Compressor Z900 TD30	R07828	5.149,98 €
	Compressor Z900 TD50	R07829	3.119,12 €
30	EEV Z900 TD20	R07830	185,19 €
	EEV Z900 TD30-50	R07831	671,06 €
20	Evaporator Z900 TD20	R07839	1.347,32 €
	Evaporator Z900 TD30	R07840	2.465,75 €
	Evaporator Z900 TD50	R07841	2.720,65 €
27	Dehydrator Z900 TD20	R07835	75,95 €
	Dehydrator Z900 TD30-50	R07836	95,72 €
28	Liquid check Z900 TD20	R07837	49,94 €
	Liquid check Z900 TD30-50	R07838	66,59 €
29	Check valve Z900 TD20	R07833	66,59 €
	Check valve Z900 TD30-50	R07834	79,07 €
35	Discharge line anti vibration tube Z900 TD20	R07842	146,70 €
	Discharge line anti vibration tube Z900 TD30	R07843	163,34 €
	Discharge line anti vibration tube Z900 TD30	R07844	163,34 €
	Pressure sensor BP Z900	R07790	83,23 €
	Pressure sensor HP Z900	R07791	83,23 €
34	HP security sensor Z900 TD30-50 (manual reset)	R07832	45,78 €
	Low pressure switchZ900	R07845	45,78 €
22	Condenser 25kW	R06957	709,30 €
24	Water inlet PVC collector Z900 TD20	R07818	285,07 €
	Water inlet PVC collector Z900 TD30	R07820	352,70 €
	Water inlet PVC collector Z900 TD50	R07822	587,83 €
25	Water outlet PVC collector Z900 TD20	R07819	285,07 €
	Water outlet PVC collector Z900 TD30	R07821	352,70 €
	Water outlet PVC collector Z900 TD50	R07823	587,83 €
	Collector mountig bracket kit Z900 TD20-30	R07777	68,54 €
	Casing		
1	Technical access panel Z900 TD20-30	R07750	150,86 €
	Technical access panel Z900 TD50	R07760	150,86 €
2	Display metal panel Z900 TD20-30	R07751	49,94 €
	Display metal panel Z900 TD50	R07761	58,88 €
3	Upper fan metal panel Z900 TD20-30	R07752	192,47 €
	Upper fan metal panel Z900 TD50	R07762	218,48 €
9	Upper front metal panel Z900 TD20-30	R07758	125,89 €
	Upper front metal panel Z900 TD50	R07772	232,05 €
4	Right rear metal panel Z900 TD20-30	R07753	45,78 €
	Right rear metal panel Z900 TD50	R07766	58,88 €
6	Left rear metal panel Z900 TD20-30	R07755	45,78 €
	Left rear metal panel Z900 TD50	R07763	58,88 €
7	Wtare connection rear metal panel Z900 TD20-30	R07756	29,45 €
11	Central rear metal panel Z900 TD50	R07764	66,59 €
12	Mid upper metal panel Z900 TD50	R07767	100,92 €
8	Left metal panel Z900 TD20-30	R07757	29,45 €
	Left metal panelZ900 TD50	R07769	117,57 €
5	Right metal panel Z900 TD20-30	R07754	113,40 €
	Right metal panelZ900 TD50	R07768	117,57 €
10	Front left corner Z900 TD20-30	R07759	45,78 €
13	Front right corner Z900 TD50	R07770	81,60 €
10	Front left corner Z900 TD50	R07771	81,60 €
	Others		
14	User interface plastic window Z900	R07773	46,82 €
17	Casing handles	R07846	20,81 €
15	Anti-vibration mountings Z900	R07774	293,39 €
	Compressor sound insulation TD20	R07781	230,97 €
	Compressor sound insulation TD30	R07782	302,76 €
	Compressors sound insulation TD50	R07783	605,51 €
	Accessories		
	Remote control	R0770900	401,63 €
	Cleaning Kit PAC NET	WMA03491	104,04 €
16	Lifting bars Z900 TD20	R07778	218,48 €
	Lifting bars Z900 TD30	R07779	218,48 €
	Lifting bars Z900 TD50	R07780	218,48 €

* All electric parts on single phased Heat Pumps are sold without condensers.

Zodiac® EasyConnect

Spare Parts



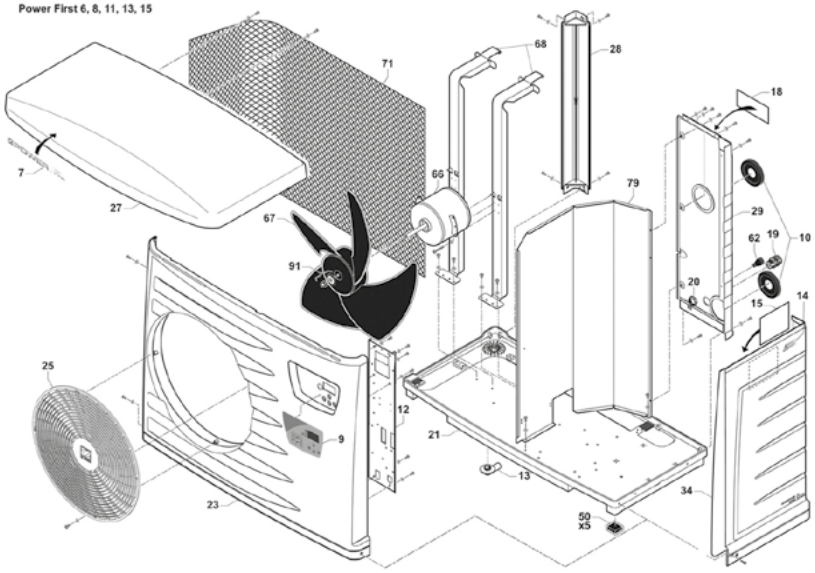
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

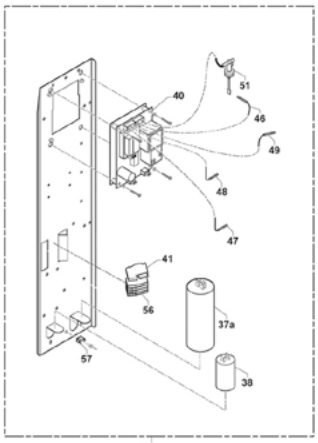
Position	Ensemble	Position	Description	Reference	Price ex VAT
A	Pompe box easy connect	1	Pump	R0673100	**146,06 €**
		2	Pump rear casing	W2278A	**74,60 €**
		3	Pump front casing	W2279A	**35,73 €**
			Double hoses kit	R0673000	**20,60 €**
B	Easy connect in/out head	1	Head front panel	W2250A	**20,60 €**
		2	Head rear panel	W2251A	**21,65 €**
		3	Head top panel	W2252A	**14,08 €**
			Valve	W2255A	**5,25 €**
			Hose fitting clamp	W2258A	
			Hose inside head	W2301A	
C	Easy connect hoses	1	In/Out hose 6m	W2283B	**72,50 €**
		2	In/Out hose 1m	W2284B	**19,96 €**
		3	In/Out hose 7m	W2285B	**78,82 €**
D	T-Valve Assembly	1	S/E t valve	W2396A	**51,49 €**
		2	Tpe 3/4'' hose connector		
		3	Easy connect quick connect		
		4	easy connect t-connector addendum		

Power First 6, 8, 11, 13 & 15

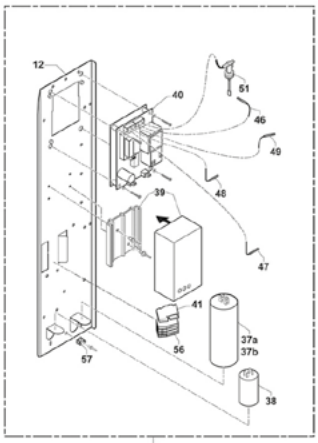
Spare Parts

Power First 6, 8, 11, 13, 15



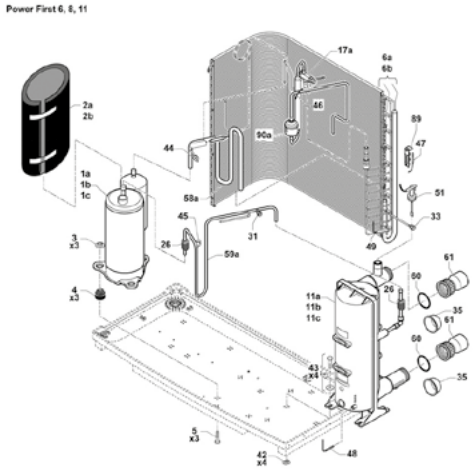


36a

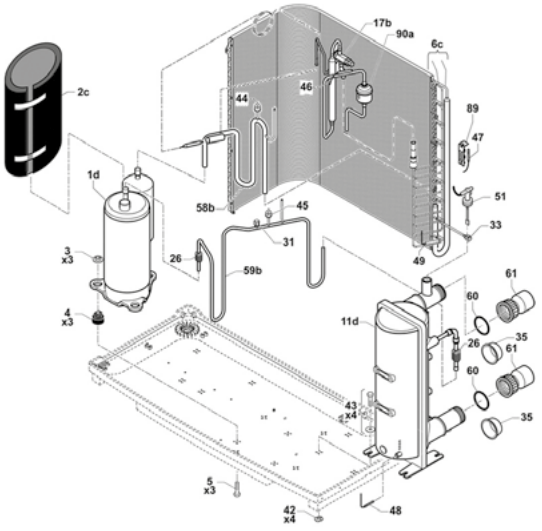


36b
36c

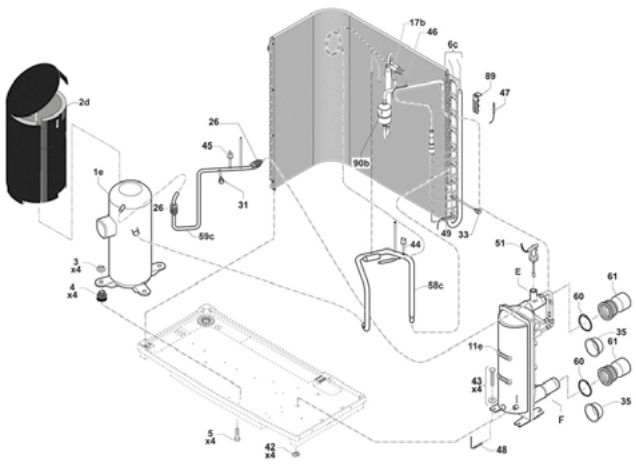
Power First 6, 8, 11



Power First 13



Power First 15

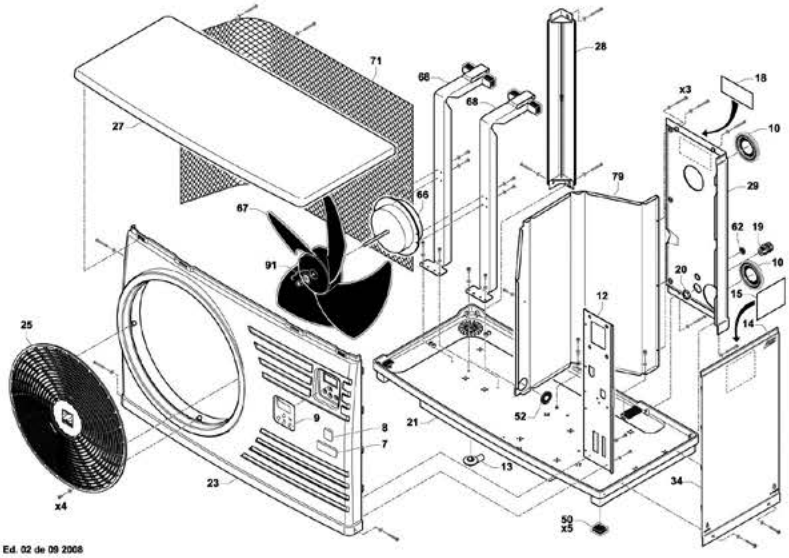


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

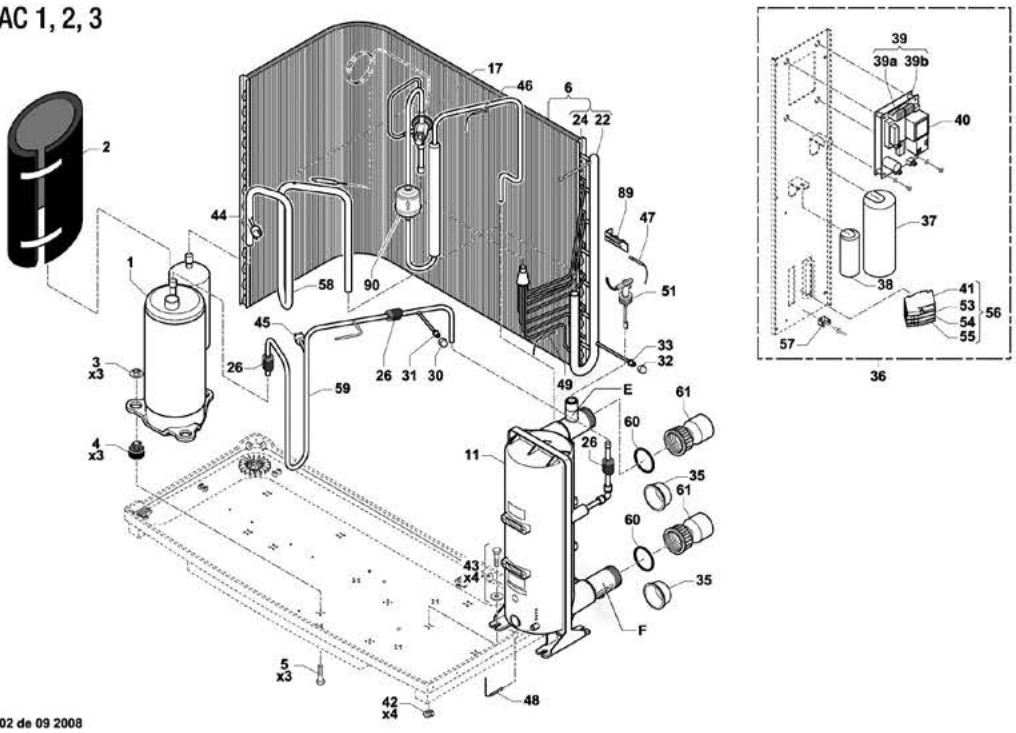
Position	Description	Reference	Price ex VAT
	Electrical spare parts		
36a	Complete electric plate	WCE03706	**449,82 €**
36b	Powerfirst 11 mono complete electric plate	WCE03830	**551,68 €**
36c	Powerfirst 13 and 15 mono complete electric plate	WCE03828	**757,20 €**
40	Regulation plate for POWERPAC/ONEPAC	WCE03712	**136,61 €**
48	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)	WCE03850	**13,66 €**
49	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
47	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
46	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
51	Noryl flow switch	WSK02022	**122,94 €**
66	Ventilator motor	WTC03783	**283,71 €**
37a	Compressor capacitor 50µf (CAE 506)	B0181100A	**45,19 €**
37b	Compressor alu capacitor 60 µF (Eden 3)	B0181800A	**45,39 €**
	Contactor Kit Powerfirst	R08090	**224,40 €**
	Refrigerating spare parts		
1a	Panasonic compressor for POWERPAC/ONEPAC 1 (5KS205DAJ21)	WTC03827	**811,22 €**
1b	Panasonic compressor for POWERPAC/ONEPAC 2m (5KS225DAJ21)	WTC03828	**901,59 €**
1c	Panasonic compressor for POWERPAC/ONEPAC 3m (5JS315DAA)	WTC03870	**969,89 €**
1d	Monophase Powerfirst 13 compressor	WTC03900	**1.538,37 €**
1e	Monophase Powerfirst 15 compressor	WTC03904	**1.796,87 €**
6a	Evaporator battery for Powerfirst 6 and 8 single	WTC03894	**1.337,67 €**
6b	Evaporator battery for Powerfirst 11 single	WTC03899	**1.976,56 €**
6c	Evaporator battery for Powerfirst 13 and 15 single	WTC03902	**1.965,00 €**
11a	Condenser for Powerpac 1 (standard exchange)	R06960	**439,23 €**
11b	Condenser for Powerpac 2 (standard exchange)	R06961	**457,10 €**
11c	Condenser for Powerpac 3 (standard exchange)	R06963	**474,96 €**
11d	Condensor MD4-5 TD5	R06954	**522,25 €**
11e	Condensor MD8 TD8	R06957	**709,30 €**
90a	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	**29,63 €**
90b	Dehumidifier 084S (OPTIPAC 4, 7D)	WCY00997	**34,16 €**
17a	Pressure valve BBIZE 2 GA (powerpac 3)	WTC03906	**180,73 €**
17b	BBIZE4 3/8 1/2 Expansion valve for Powerfirst 13 and 15 single	WTC03903	**180,73 €**
44	LP 0.5/2 Bar pressure switch to solder	WTC03815	**53,49 €**
45	HP 33/42 Bar pressure switch to solder	WTC03816	**58,47 €**
	Others		
21	Base	WPV01002	**51,99 €**
23 9	Front face	WPV01003	**75,72 €**
9	Lexan	WCE03829	**14,47 €**
25	Fan grate	WPV01006	**19,78 €**
27	Cover	WPV01001	**56,66 €**
28	Casing corner	WPV01005	**14,09 €**
29	Rear panel	WPV01004	**25,44 €**
34	Access Technical access panel	WPV01007	**27,04 €**
60	Joint for 50 x 1’ 1/2 union	WNS03428	**11,35 €**
61 60	Set of 2 half-union connectors + gaskets 40/49	W20RDU	**21,60 €**
67	Ventilator fan	WTC03784	**73,20 €**
E	Condenser outlet connector with tapping+gasket (before 2016)	R0611001	**14,08 €**
F	Condenser inlet connector with tapping+gasket (before 2016)	R0611301	**14,08 €**

*All electric parts on single phased Heat Pumps are sold without condensers.

POWER PAC 1, 2, 3



POWER PAC 1, 2, 3



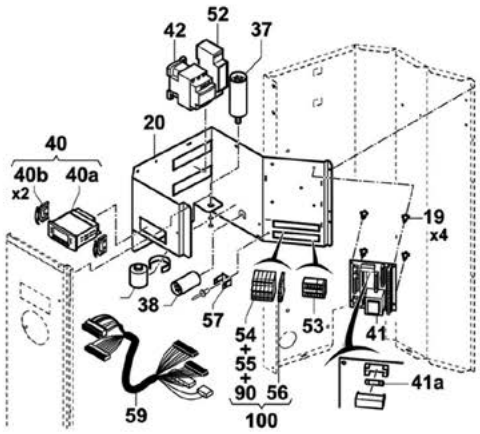
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

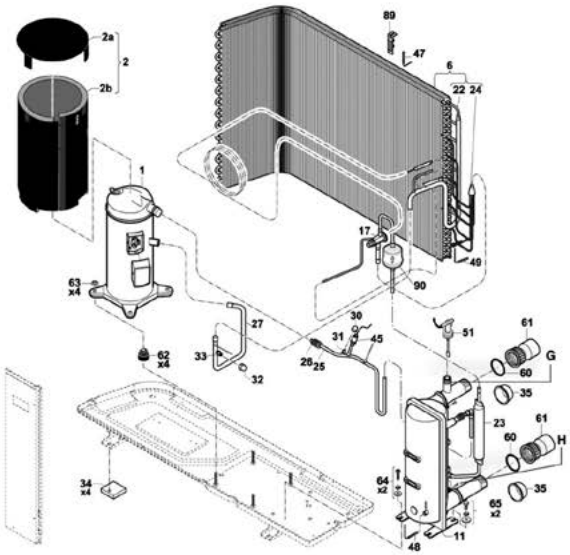
Position	Description	Reference	Price ex VAT
	Electrical spare parts		
40	Regulation plate for POWERPAC/ONEPAC	WCE03712	**136,61 €**
36	Complete electric plate	WCE03706	**449,82 €**
48	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)	WCE03850	**13,66 €**
49	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
47	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
46	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
51	Noryl flow switch	WSK02022	**122,94 €**
66	Ventilator motor	WTC03783	**283,71 €**
37	Compressor capacitor 50µf (CAE 506)	B0181100A	**45,19 €**
38	Fan capacitor 5 µF (OPTIPAC 4)	WCE03714	**11,14 €**
	Refrigerating spare parts		
90	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	**29,63 €**
44	LP 0.5/2 Bar pressure switch to solder	WTC03815	**53,49 €**
45	HP 33/42 Bar pressure switch to solder	WTC03816	**58,47 €**
1	Panasonic compressor for POWERPAC/ONEPAC 1 (5KS205DAJ21)	WTC03827	**811,22 €**
	Panasonic compressor for POWERPAC/ONEPAC 2m (5KS225DAJ21)	WTC03828	**901,59 €**
	Panasonic compressor for POWERPAC/ONEPAC 3m (5JS315DAA)	WTC03870	**969,89 €**
17	Pressure valve TX3Z35 (powerpac 1 and 2)	WTC03829	**201,76 €**
	Pressure valve BBIZE 2 GA (powerpac 3)	WTC03906	**180,73 €**
6	Evaporator battery (powerpac 1 and 2)	WTC03830	**791,25 €**
	Evaporator battery (powerpac 3)	WTC03873	**991,05 €**
11	Condenser for Powerpac 1 (standard exchange)	R06960	**439,23 €**
	Condenser for Powerpac 2 (standard exchange)	R06961	**457,10 €**
	Condenser for Powerpac 3 (standard exchange)	R06963	**474,96 €**
	Others		
21	Base	W20KITZPHBASE	**62,28 €**
23	Front face	W20KITZPHFACAV	**54,54 €**
9	Lexan	WCE03708	**11,80 €**
25	Blower grate	W20KITZPHGRILLE	**29,42 €**
28	Casing corner	W20KITZPHCOIN	**14,47 €**
29	Condenser outlet plate	W20KITZPHPLAQUE	**19,45 €**
34	Technical access door	W20KITZPHPORTE	**21,63 €**
91	Ventilator fan	WTC03784	**73,20 €**
E	Condenser outlet connector with tapping+gasket (before 2016)	R0611001	**14,08 €**
F	Condenser inlet connector with tapping+gasket (before 2016)	R0611301	**14,08 €**
60/ 61	Set of 2 half-union connectors + gaskets 40/49	W20RDU	**21,60 €**
60	Joint for 50 x 1’ 1/2 union	WNS03428	**11,35 €**
	Accessories		
	Winter cover	W20HOUSSEPOWER	**77,23 €**
	Cleaning Kit PAC NET	WMA03491	**104,04 €**

* All electric parts on single phased Heat Pumps are sold without condensers.
Until the stocks are exhausted

FK REGULATOR MODEL WITH PRESSURE GAUGE

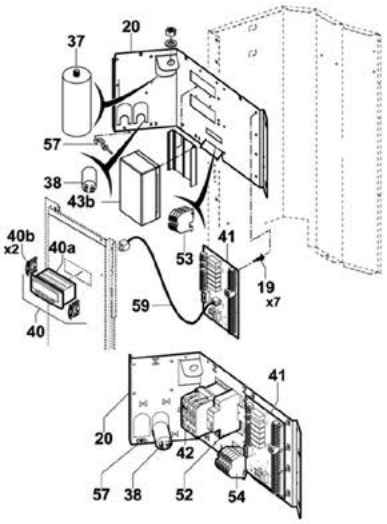
For all orders please indicate the Heat Pump serial number

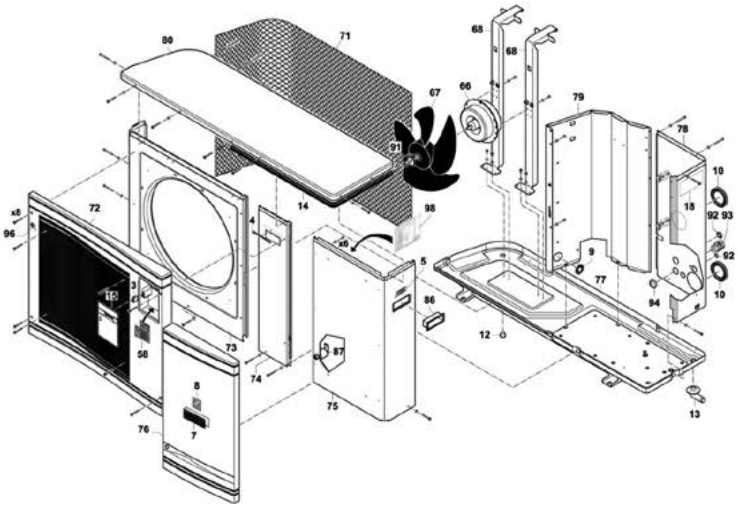




EVK REGULATOR MODEL WITHOUT PRESSURE GAUGE

For all orders please indicate the Heat Pump serial number





Position	Description	Reference	Price ex VAT
Electrical spare parts			
37	Compressor alu capacitor 45 µF (Eden 1)	B0181600A	**45,39 €**
	Compressor capacitor 50µf (CAE 506)	B0181100A	**45,19 €**
	Compressor alu capacitor 60 µF (Eden 3)	B0181800A	**45,39 €**
	Compressor alu capacitor 80 µF (Eden 4)	B0181900A	**49,81 €**
38	Fan capacitor 6.3 µF (Eden 1 to 5)	WCE03695	**11,35 €**
40	Euro Alpha FK regulator (since 2004) MAP 2 (Optipac)*	WCE03687	**179,15 €**
41	Euro alpha FK connection plate for OPTIPAC 30 and 15D (since 2007)	WCE03698	**74,23 €**
59	Euro alpha FK connection braid	WCE03554	**57,79 €**
43a	Starter (Eden 3 and 4 mono) for EuroAlfa FK	WCE03704	**51,17 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
E	Eden contactor Kit for EVK (substitutes Smart Starter)	R08071	468,69 €
40	EVK Regulator for Optipac 15D & 30D (since 2011)	WCE03823	70,68 €
45	EVK pressure captor	WKE02150	117,36 €
	EVK Connection braid for Optipac 15D & 30D (since 2011)	WCE03824	11,35 €
41	EVK connection plate for Optipac 15D & 30D (since 2011)	WCE03825	181,32 €
	EVK speed regulation card	WCE03826	73,66 €
42	DILM 9-10 contactor (give model)	WCF01066	55,74 €
	18A Contactor (Eden 1, 2, and 3 single phase) 3RT 1025 1A	WCE03690	92,47 €
	Contactor 25 A	WCF01113	76,18 €
47	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)	WCE03850	13,66 €
48	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		13,66 €
49	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		13,66 €
51	Noryl flow switch	WSK02022	122,94 €
52	Phase controller	WCZ01371	83,02 €
66	Ventilator motor	WTC03783	283,71 €
Refrigerating spare parts			
1	ZP26 Compressor single phase 410A Eden 1	WCO03824	932,07 €
	ZP32 Compressor single phase 410A Eden 2	WCO03818	1.037,15 €
	ZP41 Compressor single phase 410A Eden 3	WCO03819	1.144,33 €
	ZP41 Compressor three phase 410A Eden 3	WCO03820	1.258,86 €
	ZP50 Compressor single phase 410A Eden 4	WCO03821	1.449,06 €
	ZP54 Compressor three phase 410A Eden 5	WCO03822	1.450,11 €
6	Evaporator Eden 1/2	WTC03782	1.520,51 €
	Evaporator Eden 3	WTC03800	2.507,22 €
	Evaporator Eden 4/5	WTC03803	2.511,42 €
17	Expansion valve Eden 1 BBIZE 2 adjustable	WTC03843	204,91 €
	Expansion valve Eden 2 BBIZE 2	WTC03799	172,86 €
	Expansion valve Eden 3 BBIZE 3	WTC03848	192,30 €
	Expansion valve Eden 4/5 BBIZE 4	WTC03847	209,11 €
90	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	29,63 €
	Dehydrator 083S (CAE 506, 598)	WCY00996	45,49 €
21	Manometer 410 for soldering (Eden 1 to 8) until end 2008	WTC03814	104,03 €
	LP 0.5/2 Bar pressure switch to solder	WTC03815	53,49 €
	HP 33/42 Bar pressure switch to solder	WTC03816	58,47 €
11	Condensor Edenpac 1	R06962	441,33 €
	Condenser for Edenpac 2 and 3	R06953	493,87 €
	Condenser for Edenpac 4 and 5	R06955	541,16 €
Others			
10	Wire tunnel	WSS01986	17,31 €
13 /12	Plastic grooved condensation angle + cap	WKITCONDENSAT	11,35 €
15	Polypropylene gate (Eden 1 to 8)	WIB03653	11,35 €
3	Push bolt	WEM03645	15,58 €
34	Anti vibration pegs (to order by 4)	WAP03064	3,47 €
61/ 60	Set of 2 half-union connectors + gaskets 40/49	W20RDU	21,60 €
60	Joint for 50 x 1’ 1/2 union	WNS03428	11,35 €
G	Hydraulic connector kit - condenser outlet with tapping + gasket	R0611101	14,08 €
H	Hydraulic connector kit - condenser inlet + gasket	R0611201	14,08 €
67	Ventilator fan	WTC03784	73,20 €
71	Rear plastic grate	WTC03786	15,87 €
72	Polypropylene grate (Eden 1 to 5)	WIB03652	78,50 €
73	Ventilator shaft (Eden 1 to 5)	WTC03787	186,00 €
74	Manometer front face panel (Eden 1 to 5)	WTC03788	147,11 €
75	Right side door (Eden 1 to 5)	WTC03789	157,62 €
76	Polypropylene right side face (Eden 1 to 5)	WIB03651	30,81 €
78	Back panel (Eden 1 to 5)	WTC03791	152,37 €
Accessories			
	Remote control module EVK	WCE03827	145,01 €
	Winter cover (Edenpac 1 to 5)	W20HOUSSEDEN	87,53 €
	Cleaning Kit PAC NET	WMA03491	104,04 €

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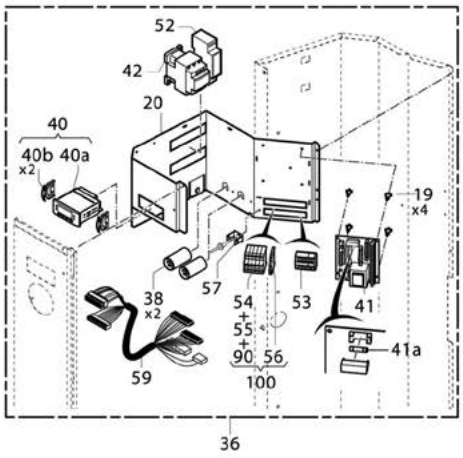
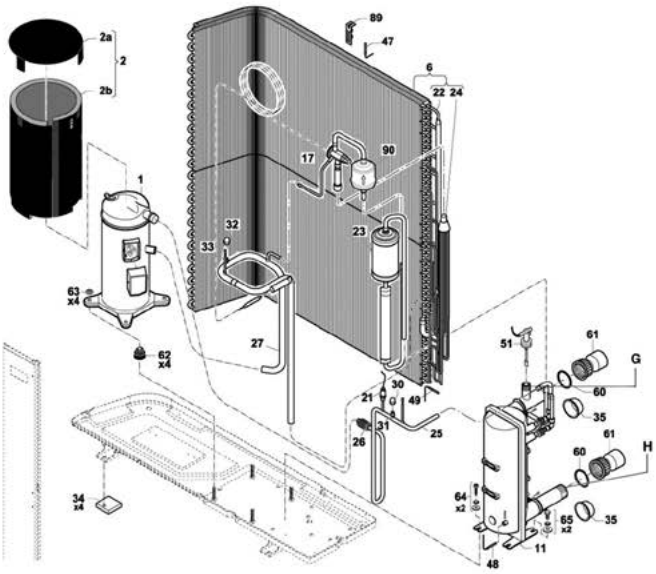
Until the stocks are exhausted

FK REGULATOR MODEL WITH PRESSURE GAUGE

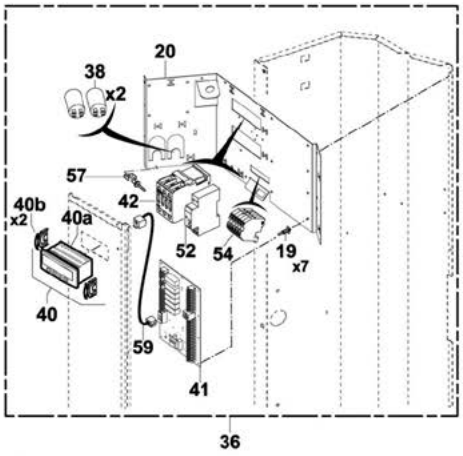
For all orders please indicate the Heat Pump serial number

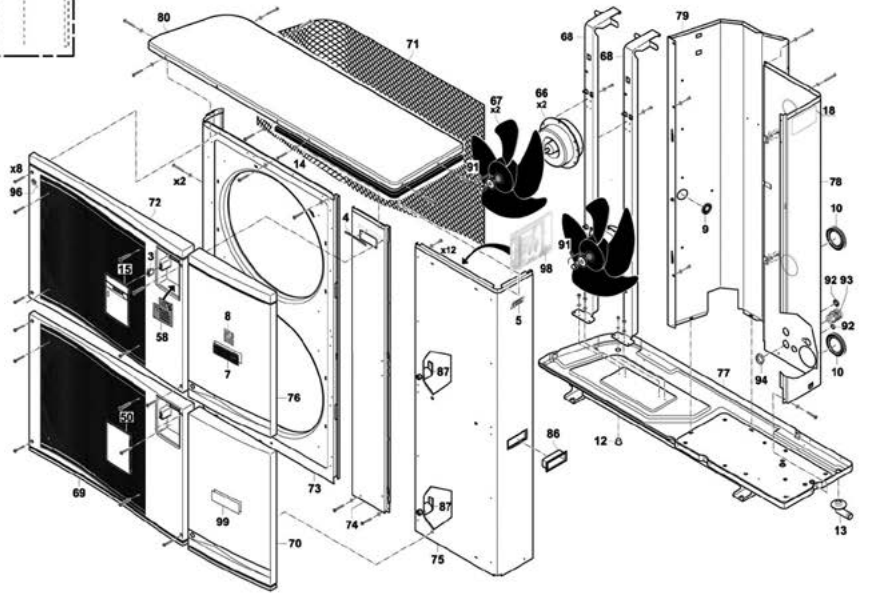




EVK REGULATOR MODEL WITHOUT PRESSURE GAUGE

For all orders please indicate the Heat Pump serial number





Position	Description	Reference	Price ex VAT
	Electrical spare parts		
38	Fan capacitor 6.3 µF (Eden 1 to 5)	WCE03695	**11,35 €**
H	Compressor alu capacitor 60 µF (Eden 3)	B0181800A	**45,39 €**
40	Euro Alpha FK regulator (since 2004) MAP 2 (Optipac)*	WCE03687	**179,15 €**
41	Euro alpha FK connection plate for OPTIPAC 30 and 15D (since 2007)	WCE03698	**74,23 €**
59	Euro alpha FK connection braid	WCE03554	**57,79 €**
F	Starter (Eden 3 and 4 mono) for EuroAlfa FK	WCE03704	**51,17 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
G	Gradual starter (compressor starter kit single phased)	WKITEDEN	no price
4A	EVK Regulator for Optipac 15D & 30D (since 2011)	WCE03823	70,68 €
4B	EVK pressure captor	WKE02150	117,36 €
4C	EVK Connection braid for Optipac 15D & 30D (since 2011)	WCE03824	11,35 €
4D	EVK connection plate for Optipac 15D & 30D (since 2011)	WCE03825	181,32 €
	EVK speed regulation card	WCE03826	73,66 €
	Smart (Eden 4) for EVK	WCE03832	236,44 €
42	18A Contactor (Eden 1, 2, and 3 single phase) 3RT 1025 1A	WCE03690	92,47 €
	12A Contactor (Eden 6 tri phase) 3RT 1024 1A	WCE03693	84,07 €
47	NTC sensor (anti-freeze ST2 / black)	WCE03850	13,66 €
48	NTC sensor (water ST1 / white)		13,66 €
49	NTC sensor (defrosting temperature ST3 / grey)		13,66 €
51	Noryl flow switch	WSK02022	122,94 €
52	Phase controller	WCZ01371	83,02 €
66	Ventilator motor	WTC03783	283,71 €
67	Ventilator fan	WTC03784	73,20 €
I	36s timer for compressor startup	WCE03715	78,47 €
Refrigerating spare parts			
1	ZP90 Compressor three phase 410A Eden 8	WCO03846	2.895,48 €
	ZP41 Compressor single phase 410A Eden 3	WCO03819	1.144,33 €
	ZP72 Compressor three phase 410A Eden 6	WCO03823	2.275,40 €
6	Evaporator Eden 6 three phase	WTC03805	3.884,82 €
	Evaporator Eden 8 three phase	WTC03845	4.801,43 €
	Evaporator Eden 7 mono	WTC03844	5.013,24 €
17	Expansion valve Eden 8 tri phase adjustable	WAC02960	234,32 €
	Expansion valve Eden 3 BBIZE 3	WTC03848	192,30 €
	Expansion valve Eden 6 (BBIZE6)	WTC03806	155,00 €
21	Manometer 410 for soldering (Eden 1 to 8) until end 2008	WTC03814	104,03 €
	LP 0.5/2 Bar pressure switch to solder	WTC03815	53,49 €
	HP 33/42 Bar pressure switch to solder	WTC03816	58,47 €
90	Dehumidifier 084S (OPTIPAC 4, 7D)	WCY00997	34,16 €
	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	29,63 €
11	Condenser for Edenpac 6 and 8 (standard exchange)*	R06958	709,30 €
	Condenser for Edenpac 7 (standard exchange)*	R06956	725,06 €
Others			
41609	Plastic grooved condensation angle + cap	WKITCONDENSAT	11,35 €
15	Polypropylene gate (Eden 1 to 8)	WIB03653	11,35 €
3	Push bolt	WEM03645	15,58 €
34	Anti vibration pegs (to order by 4)	WAP03064	3,47 €
61/60	Set of 2 half-union connectors + gaskets 40/49	W20RDU	21,60 €
60	Joint for 50 x 1’ 1/2 union	WNS03428	11,35 €
G	Hydraulic connector kit - condenser outlet with tapping + gasket	R0611101	14,08 €
H	Hydraulic connector kit - condenser inlet + gasket	R0611201	14,08 €
	Inlet / outlet connector seals	WJW03580	2,73 €
69	Polypropylene lower grate (Eden 6 to 8)	WIB03657	67,25 €
70	Polypropylene lower face (Eden 6 to 8)	WIB03658	54,54 €
72	Polypropylene upper grate (Eden 6 to 8)	WIB03659	84,07 €
73	Double Ventilator shaft (Eden 6 to 8)	WTC03809	196,50 €
74	Manometer front face panel (Eden 6 to 8)	WTC03810	171,28 €
75	Right side door (Eden 6 to 8)	WTC03811	197,55 €
76	Polypropylene upper face (Eden 6 to 8)	WIB03660	68,30 €
78	Back panel (Eden 6)	WTC03813	207,01 €
	Back panel (Eden 7/8)	WTC03775	207,01 €
Accessories			
	Remote control module EVK	WCE03827	145,01 €
	Winter cover (Edenpac 6 to 8)	W20HOUSSEDEN6	113,49 €
	Cleaning Kit PAC NET	WMA03491	104,04 €

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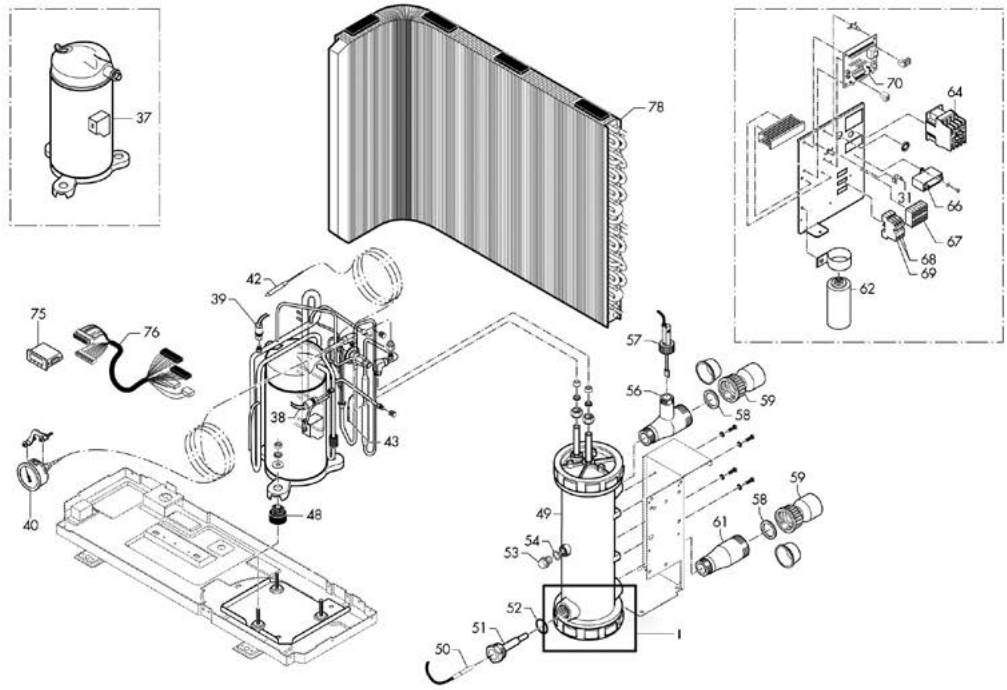
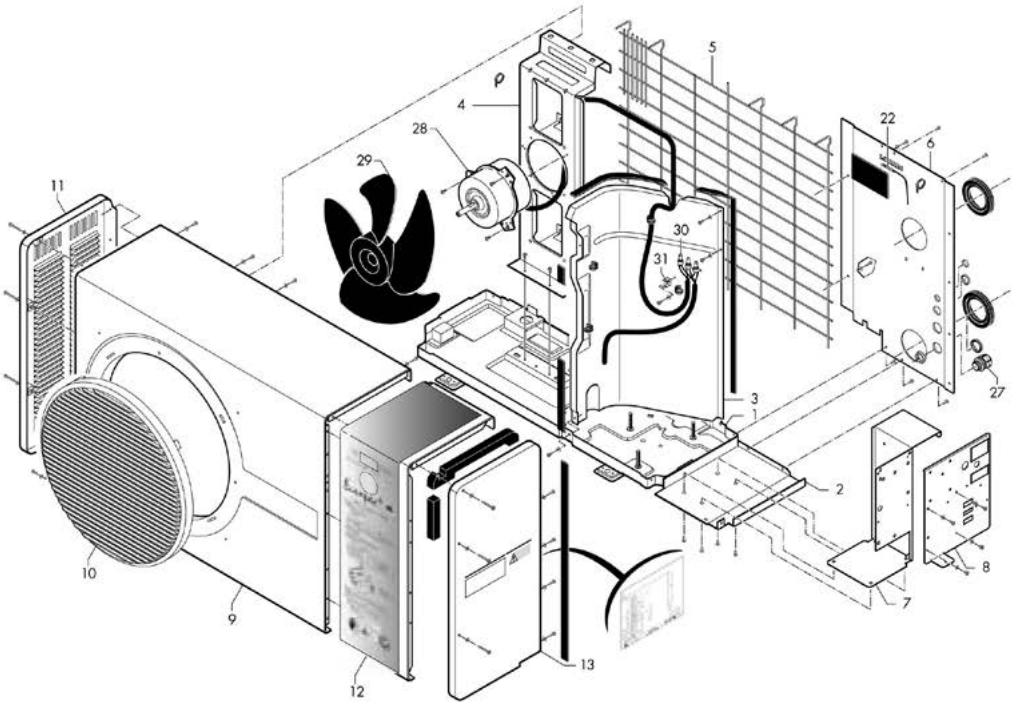
Until the stocks are exhausted





ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
	Electrical spare parts		
70	Euro alpha FK A1 plate (Optipac) (since 2004)	WCE03553	**67,43 €**
75	Euro alpha FK (MAP1) regulator (2004)	WCE03688	**179,15 €**
76	Euro alpha FK connection braid	WCE03554	**57,79 €**
	Display + card (replacing mini alpha Regul.)	WKITEUROALFA	**300,31 €**
28	Ventilator motor 19 TFB6055	WTC02140	**378,29 €**
	2µF condenser	WSG01933	**19,33 €**
42/22/50	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)	WCE03850	**13,66 €**
57	Noryl flow switch	WSK02022	**122,94 €**
62	Compressor capacitor 40 µF C2	B0181500A	**45,39 €**
64	Compressor contactor KM1	WCF01113	**76,18 €**
66	Fan capacitor 2µF C1	WSG01933	**19,33 €**
	Refrigerating spare parts		
37	Compressor ZR22 mono 407C 3 feet	WTC03056	**1.612,99 €**
	Compressor ZR22 mono 407C 4 feet	WCO02576	**1.123,23 €**
38	HP Pressure switch* 20-26 B (to be screwed)	WJC01669	**83,02 €**
39	LP Pressure switch* 0.5/2 B (to be screwed)	WJC01668	**85,12 €**
40	Flow manometer with capillary 407C	WTC03084	**141,86 €**
42	Expansion valve TX3 N36 (CAE 506)	WAC02499	**107,79 €**
	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	**29,63 €**
	Others		
29	Fan	WTC02149	**60,21 €**
51/ 52	Polyamide glove finger 1»	WIB01635	**11,35 €**
	Polyamide glove finger 1»	WNS01779	**0,95 €**
56	Condenser connection 7M without fixture (water outlet)	WIB01633	**11,35 €**
61	Condenser connection 7M without fixture (water inlet)	WIB01634	**11,35 €**
	Condenser connection joint, 24/31 joint thickness 4	WJW01665	**5,67 €**
58 /59	Set of 2 half-union connectors + gaskets 40/49	W20RDU	**21,60 €**
58	Joint for 50 x 1’ 1/2 union	WNS03428	**11,35 €**
	Anti vibration pegs (to order by 4)	WAP03064	**3,47 €**
I	Water condenser 7M kit (bolt + spire support + joint)	WKITGELCOND7M	**28,38 €**
	Plastic grooved condensation angle + cap	WKITCONDENSAT	**11,35 €**

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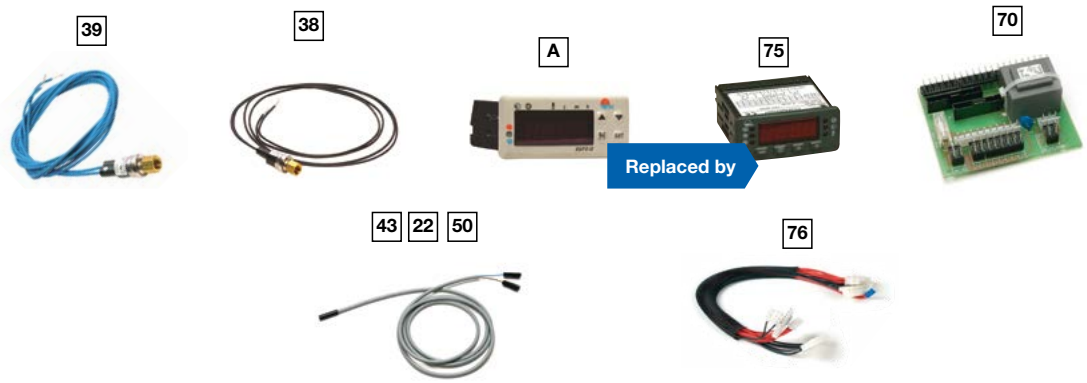

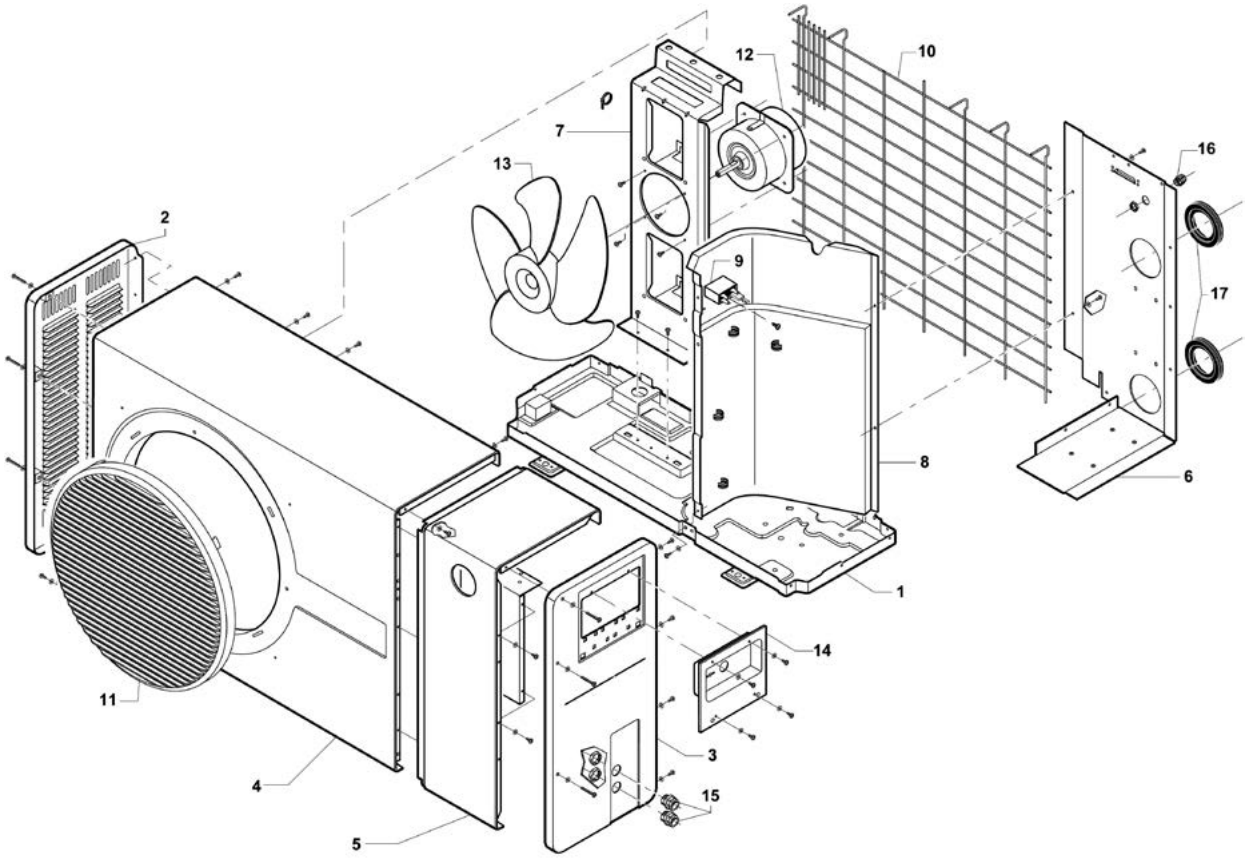

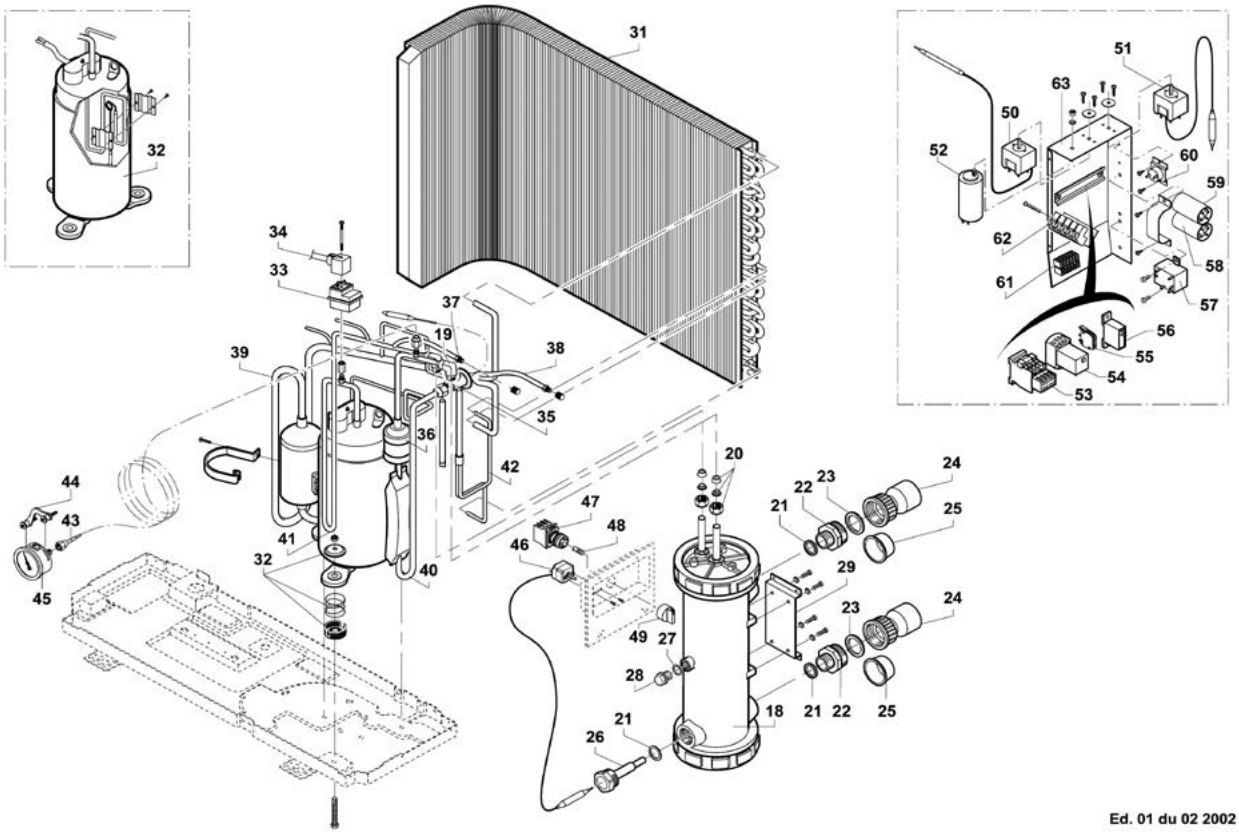

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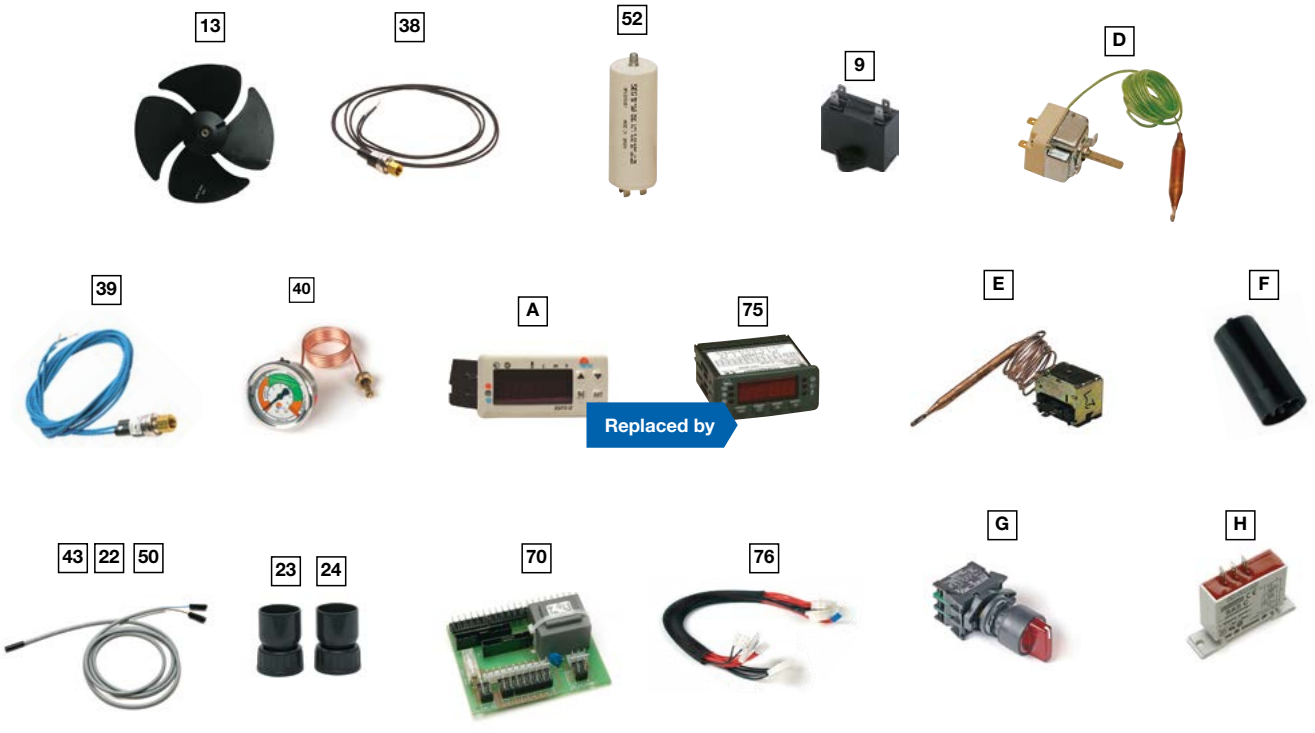
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

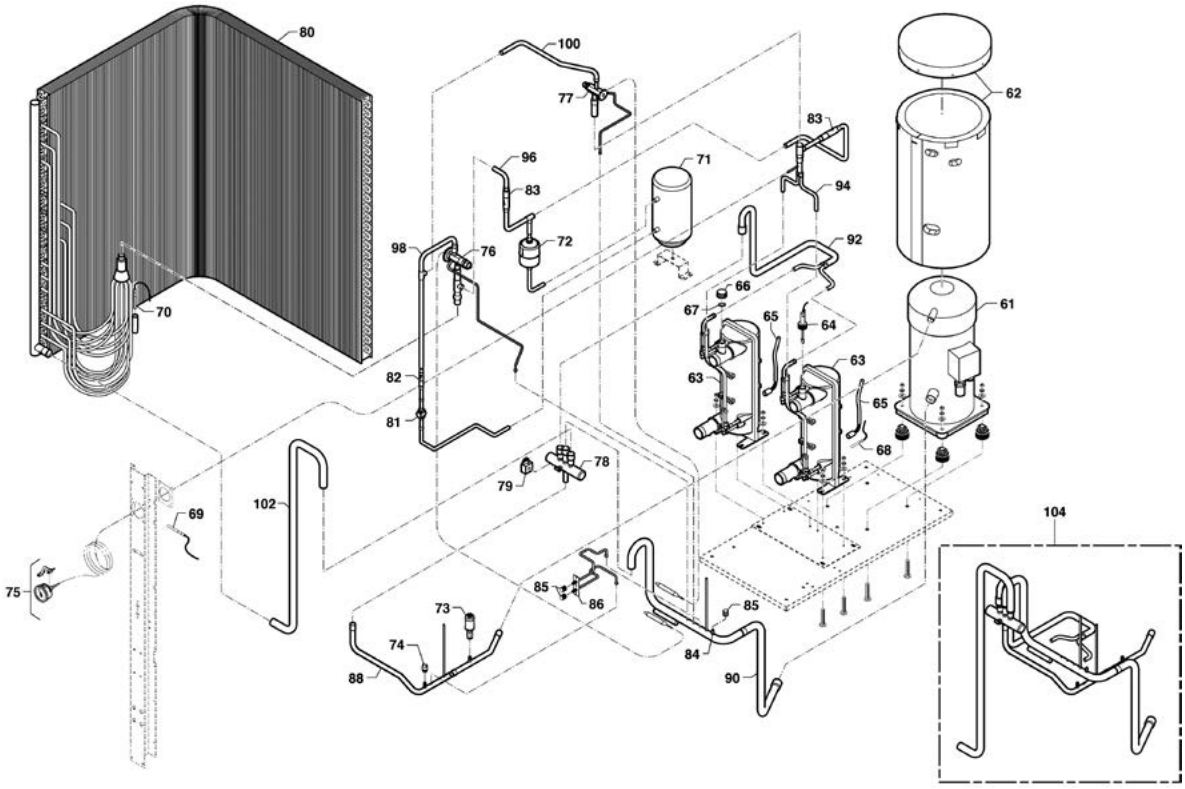
Position	Description	Reference	Price ex VAT
	Electrical spare parts		
12	Ventilator motor 19 TFB6055	WTC02140	**378,29 €**
52	Compressor capacitor 40 µF C2	B0181500A	**45,39 €**
9	Fan capacitor 2µFC1	WSG01933	**19,33 €**
D	Regulation thermostat 16/40 B.10	WEG01404	**31,74 €**
E	Anti-freeze thermostat (with ECP 231)	WIN01645	**56,74 €**
F	Starter compressor condensers 125µF C5	W20CA21	**62,78 €**
G	Rotating On/Off switch with indicator	W20INTERE	**87,51 €**
H	Static timer 180S	WCZ01370	**85,77 €**
53	Compressor contactor KM1	WCF01113	**76,18 €**
54	Default relay KA2	WTC02153	**102,46 €**
	Refrigerating spare parts		
40	Flow manometer with capillary 407C	WTC03084	**141,86 €**
	Expansion valve TX3 N36 (CAE 506)	WAC02499	**107,79 €**
36	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	**29,63 €**
33	Pressostat HP 16/21Bars	WAC02495	**69,27 €**
	Others		
13	Fan	WTC02149	**60,21 €**
23 /24	Set of 2 half-union connectors + gaskets 40/49	W20RDU	**21,60 €**
	Anti vibration pegs (to order by 4)	WAP03064	**3,47 €**

* All electric parts on single phased Heat Pumps are sold without condensers.



Optipac 2, 3, 4, 7, 10, 15, 15D, 30 & 30D

Spare Parts

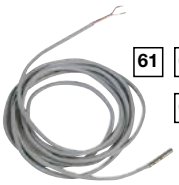


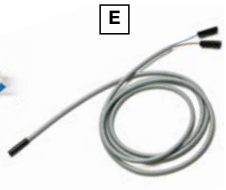
Position	Description	Reference	Price ex VAT
Electrical spare parts			
12	Ventilator motor 150W (OPTIPAC 2, 3, 4, 7*) with fan	WTC02143	**568,49 €**
	Ventilator motor 378 W (OPTIPAC 10)	WTC02142	**1.392,32 €**
	Ventilator motor 530W (OPTIPAC 15 and 30)	WTC02144	**1.870,44 €**
64	Noryl flow switch	WSK02022	**122,94 €**
47a	Timed regulator ECP 331 (2000 to 2003 model, grey connectors)	WCE01309	**326,80 €**
47b	Timed regulator ECP 231 (before 2000, green connectors)	WCE01306	**352,43 €**
A	Euro alpha FK (MAP1) regulator (2004)	WCE03688	**179,15 €**
B	Euro alpha FK A1 plate (Optipac) (since 2004)	WCE03553	**67,43 €**
C	Euro alpha FK connection plate for OPTIPAC 30 and 15D (since 2007)	WCE03698	**74,23 €**
	EVK Regulator for Optipac 15D & 30D (since 2011)	WCE03823	**70,68 €**
	EVK Connection braid for Optipac 15D & 30D (since 2011)	WCE03824	**11,35 €**
	EVK connection plate for Optipac 15D & 30D (since 2011)	WCE03825	**181,32 €**
D	Euro alpha FK connection braid	WCE03554	**57,79 €**
53	Compressor contactor* (OPTIPAC 2, 3 single 7 three phase) 18A	WTC03085	**92,06 €**
	Compressor contactor* (OPTIPAC 3, 4 three phase) 9A	WTC03086	**89,85 €**
	Compressor contactor (OPTIPAC 15/30) 32A	WTC03087	**282,98 €**
	Compressor contactor (OPTIPAC 10)	WTC03088	**551,91 €**
54	Fan contactor* (OPTIPAC 2, 3, 4, 7) 9 A	WTC03089	**52,54 €**
	Compressor contactor* (OPTIPAC 3, 4 three phase) 9A	WTC03086	**89,85 €**
59	Compressor capacitor 50µf (CAE 506)	B0181100A	**45,19 €**
	Compressor capacitor 55µf (CAE 508)	B0181700A	**45,39 €**
60	Fan capacitor 4 µF (OPTIPAC 2, 3 and 7)	WSG01938	**44,55 €**
	Fan capacitor 5 µF (OPTIPAC 4)	WCE03714	**11,14 €**
65	Defrosting sensor (grey)	WCE01312	**22,71 €**
68	Extraction sensor	WCE01311	**22,71 €**
E	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)	WCE03850	**13,66 €**
F	NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
G	Phase controller	WCZ01371	**83,02 €**
	Starter relay SPP5	WGF02960	**181,78 €**
	Anti-freeze thermostat (with ECP 231)	WIN01645	**56,74 €**
	4-way valve coil Optipac 15 and 30D	WTC03836	**69,35 €**
	Transfo 400/230 V Optipac 15/30	R06708	**369,88 €**
Refrigerating spare parts			

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
32	Compressor ZR 34 sing.ph. (CAE 506)	WCO02581	1.404,92 €
	Compressor ZR 40 sing.ph. (CAE 508)	WCO02590	1.374,79 €
	Compressor ZR 40 3 ph. (CAE 507, 508)	WCO02687	1.404,92 €
	ZR48 Compressor 407C (OPTIPAC 4)	WCO02589	1.613,57 €
	Compressor ZR81 3 ph. (OMEGA 16)	WCO02688	2.176,94 €
	SZ100 Compressor S4VA 407C (OPTIPAC 10)	WTC02864	4.507,14 €
	Compressor MS161 S4AM 407C (OPTIPAC 15/30, 15D and 30D)	WTC02138	6.226,79 €
33	HP Pressure switch* 20-26 B (to be screwed)	WJC01669	83,02 €
	LP Pressure switch* 0.5/2 B (to be scewed)	WJC01668	85,12 €
35	Expansion valve TX3 N36 (CAE 506)	WAC02499	107,79 €
	Expansion valve TX3 N38 (OMEGA 10)	WAC02501	113,64 €
	Expansion valve OPTIPAC 2 and 3 (BIVE-2-1/2-GA-B15) SPORLAND before 2003	WTC03886	271,11 €
	SPORLAND Expansion valve OPTIPAC 4 (EFVE-3-CP100)	WTC03887	207,01 €
	SPORLAND Expansion valve OPTIPAC 7 (SVE 4 CP100)	WTC03110	228,02 €
	SPORLAND Expansion valve OPTIPAC 10, 15 and 30	WTC03888	296,33 €
	Expansion valve TX7N15 (OMEGA 20 and 28)	WAC02961	284,65 €
	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	29,63 €
	Dehumidifier 084S (OPTIPAC 4, 7D)	WCY00997	34,16 €
	Dehydrator 164S (OMÉGA 10, 14, 16)	WCY00998	57,79 €
42	Liquid indicator 34S (OMEGA 10 to 16)	WCY01001	42,89 €
45	Flow manometer with capillary 407C	WTC03084	141,86 €
63	Condensor Optipac 15 and 30	R06957	709,30 €
	Flexible inlet manifold	W20COLPAC30EN06	225,12 €
	Flexible outlet manifold	W20COLPAC30SO06	258,67 €
	Flexible manifold bracket	WTC04006	376,65 €
Others			
72	Regulator access window	WTC02172	127,14 €
23 / 24	Set of 2 half-union connectors + gaskets 40/49	W20RDU	21,60 €
23	Joint for 50 x 1’ 1/2 union	WNS03428	11,35 €
26	Polyamide glove finger 1»	WIB01635	11,35 €
	Condenser connection 7M without fixture (water inlet)	WIB01634	11,35 €
	Condenser connection 7M without fixture (water outlet)	WIB01633	11,35 €
21	24/31 joint thickness 4	WJW01665	5,67 €
	Anti vibration pegs (to order by 4)	WAP03064	3,47 €
100	Quarter turn plastic button	WTC02171	35,03 €
	2 1/2 union connectors Ø 63 (OPTIPAC 10 15)	W20RDU1	61,36 €
	Plastic grooved condensation angle + cap	WKITCONDENSAT	11,35 €
	Water condenser 7M kit (bolt + spire support + joint)	WKITGELCOND7M	28,38 €
	Condenser outlet connector with tapping+gasket (before 2016)	R0611001	14,08 €
	Condenser inlet connector with tapping+gasket (before 2016)	R0611301	14,08 €
	3 pieces connection kit diam. 90 (Optipac 30)	WIP03450	35,86 €
Accessories			
	Remote control module EVK	WCE03827	145,01 €
	Cleaning Kit PAC NET	WMA03491	104,04 €

* All electric parts on single phased Heat Pumps are sold without condensers.





Optipac Defrost

Spare Parts

Description	Reference	Price ex VAT
Pièces détachées électriques		
Euro Alpha FK regulator (since 2004) MAP 2 (Optipac)*	WCE03687	**179,15 €**
Euro alpha FK speed regulation module (since 2004) ventilator 500W A2	WCE03576	**54,64 €**
Euro alpha FK A1 plate (Optipac) (since 2004)	WCE03553	**67,43 €**
NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)	WCE03850	**13,66 €**
Euro alpha FK connection braid	WCE03554	**57,79 €**
Regulator µ chiller (before 2004)	WTC02154	**462,05 €**
Ventilation plate µ chiller A1 (before 2004)	WTC03604	**121,60 €**
Connection plate µ chiller A2 (before 2004)	WTC03603	**215,41 €**
Regulator sensor µ chiller (before 2004)	WTC03090	**56,74 €**
Pièces détachées frigorifiques		
Expansion valve TX3 N36 (CAE 506)	WAC02499	**107,79 €**
Expansion valve TX3 N37 (CAE 508)	WAC02500	**111,48 €**
Expansion valve TX3 N36 (CAE 506)	WAC02499	**107,79 €**
Expansion valve TX3 N39 (OMEGA 14/16)	WAC02753	**117,97 €**
4 channel vane kit (Optipac 3D)	WTC03834	**352,74 €**

* All electric parts on single phased Heat Pumps are sold without condensers.

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Edenpac Defrost

Pièces détachées

Description	Reference	Price ex VAT
Pièces détachées électriques		
Euro Alpha FK regulator (since 2004) MAP 2 (Optipac)*	WCE03687	**179,15 €**
NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)	WCE03850	**13,66 €**
NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
NTC sensor (water ST1, anti-freeze ST2 or defrosting temperature ST3)		**13,66 €**
Euro alpha FK connection plate for OPTIPAC 30 and 15D (since 2007)	WCE03698	**74,23 €**
Euro alpha FK speed regulation module (since 2004) ventilator 500W A2	WCE03576	**54,64 €**
EVK Regulator for Optipac 15D & 30D (since 2011)	WCE03823	**70,68 €**
EVK pressure captor	WKE02150	**117,36 €**
EVK speed regulation card	WCE03826	**73,66 €**
EVK Connection braid for Optipac 15D & 30D (since 2011)	WCE03824	**11,35 €**
EVK connection plate for Optipac 15D & 30D (since 2011)	WCE03825	**181,32 €**
Remote control module EVK	WCE03827	**145,01 €**
Defrosting contact sensor (Edenpac)	WCE03716	**15,76 €**
Condenser anti-freeze resistance (Edenpac)	WTC03842	**90,90 €**
Edenpac carter resistance kit, optional (Edenpac Defrosting)	WKITRESCARTER	**168,19 €**
Pièces détachées frigorifiques		
4 channel vane (Eden 3/4/5)	WTC03832	**589,50 €**
4 channel vane (Eden 6D)	WTC03833	**697,73 €**
4-way valve coil Optipac 15 and 30D	WTC03836	**69,35 €**
Expansion valve Eden 3 BBIZE 3	WTC03848	**192,30 €**
Expansion valve Eden 4/5 BBIZE 4	WTC03847	**209,11 €**
Byflow expansion valve (Eden 6D) BBIZE6	WTC03831	**229,07 €**
Byflow dehydr. filter (Eden 3/4/5 D)	WDA01388	**63,05 €**
Byflow dehydr. filter (Eden 6)	WDA01389	**63,79 €**
Condenser for Edenpac 4 and 5	R06955	**541,16 €**

* All electric parts on single phased Heat Pumps are sold without condensers.

Red Line & RE/DC

Spare Parts

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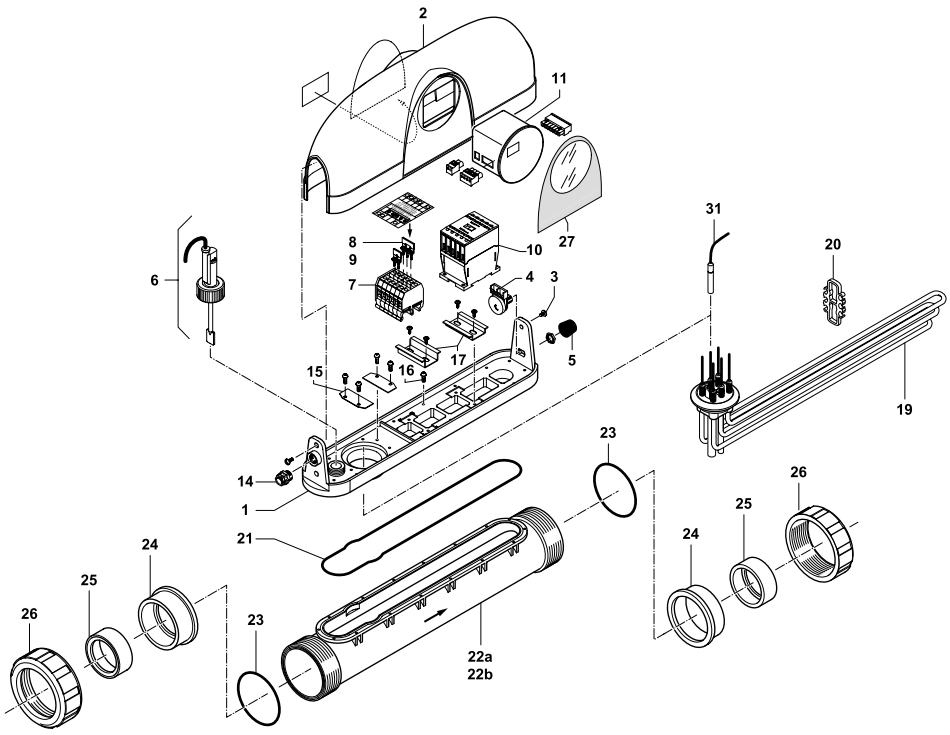
Position	Description	Reference	Price ex VAT
	Electrical spare parts		
4	Safety thermostat 63° (RE/U, RE/I, RE/DE, RE/LE)	WIN01641	**35,31 €**
6	Noryl flow switch	WSK02015	**123,99 €**
7	Elec. connection terminals (RE/LE and Red line)	WCC01289	**19,44 €**
9 /8	Shunt for switching from three to single phase except 12 kW	WCC01287	**11,35 €**
	Shunt for switching from three to single phase except 12 kW	WCC01288	**11,35 €**
10	DILM 9-10 contactor (give model)	WCF01066	**55,74 €**
11	ECP 200 Regulator** (or EVX 402)	WCE02684	**85,32 €**
27	Sticker for electrical box front panel	WSR02733	**11,59 €**
20 / 21 / 19	Elbowed resistance 3 kW titanium + joint	WKITRES3C	**186,41 €**
	Elbowed resistance 6 kW titanium + joint	WKITRES6C	**214,89 €**
	Elbowed resistance 9 kW titanium + joint	WKITRES9C	**214,89 €**
	Elbowed resistance 12 kW titanium + joint	WKITRES12C	**222,77 €**
31	Extraction sensor	WCE01311	**22,71 €**
A	Regulation thermostat 16/40 B.10	WEG01404	**31,74 €**
B	Digital regulator ECP 233	WCE01308	**253,45 €**
	Red Line orange on/off switch	WSX03025	**11,35 €**
	Others		
21/ 1	Red Line base + (+gasket)	WIB02691	**11,35 €**
2	Red Line cover + & adhesive	WKITCAPOTRDE	**23,28 €**
21 / 22	Red Line+ body 3 kW, 6 kW	WIB01596	**34,10 €**
	Moulded joint 752 X 4	WJW01662	**5,78 €**
	Joint 66.27 x 3.53	WJW01661	**5,25 €**
21 / 22	Red Line+ body 9 kW, 12 kW	WIB01597	**47,71 €**
21	Moulded joint 752 X 4	WJW01662	**5,78 €**
23	Joint 66.27 x 3.53	WJW01661	**5,25 €**
24/25/26	2 1/2 union connections Ø 63 + adjusters Ø 50 (Heat Line)	W40RDU	**12,02 €**

* For all orders for spare parts please give the serial number of the heater.



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
	Electrical spare parts		
1	Regulation thermostat 16/40 B.10	WEG01404	31,74 €
2	Red Line orange on/off switch	WSX03025	11,35 €
3	Noryl flow switch	WSK02022	122,94 €
4	Safety thermostat 63° (RE/U, RE/I, RE/DE, RE/LE)	WIN01641	35,31 €
7	Elec. connection terminals (RE/LE and Red line)	WCC01289	19,44 €
9 /8	Shunt for switching from three to single phase except 12 kW	WCC01287	11,35 €
	Shunt for switching from three to single phase except 12 kW	WCC01288	11,35 €
10	DILM 9-10 contactor (give model)	WCF01066	55,74 €
11/12	Straight resistance kit (RE/U) 3 kW titane + spacer	WKITRES3D	211,21 €
	Straight resistance kit (RE/U, RE/I) 6 kW titane + spacer	WKITRES6D	225,92 €
	Straight resistance kit (RE/U, RE/I) 9 kW titane + spacer	WKITRES9D	236,44 €
	Straight resistance kit (RE/U, RE/I) 12 kW titane + spacer	WKITRES12D	240,64 €
A	Three phase safety thermostat (RE/N, RE/L)	WEG01407	68,20 €
B	Regulation thermostat 16/40 bulb Ø 6 mm	WEG01405	40,98 €
C	Pressure switch 153 ml/b	WCE03365	72,72 €
	Others		
13	Body RE/L3 and 6 kW	WIB01606	27,33 €
	Body RE/L9 and 12 kW	WIB01605	32,99 €
19/15	2 1/2 union connections Ø 63/50 (RE/L and RE/U)	W40RDL	11,35 €
24/16	Height adjuster + joint	R07233	10,33 €
17	Box	WIB01612	40,35 €
14	Split left/right nut	WIB01608	11,35 €

* For all orders for spare parts please give the serial number of the heater.

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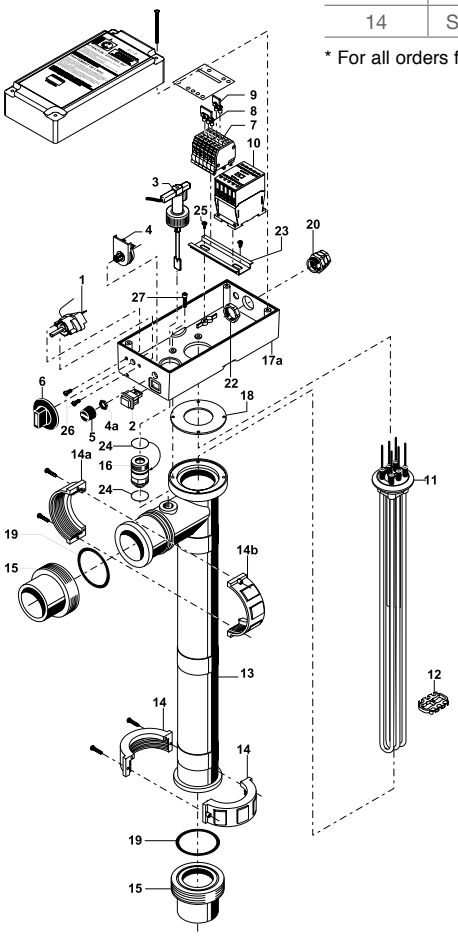

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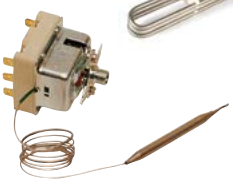

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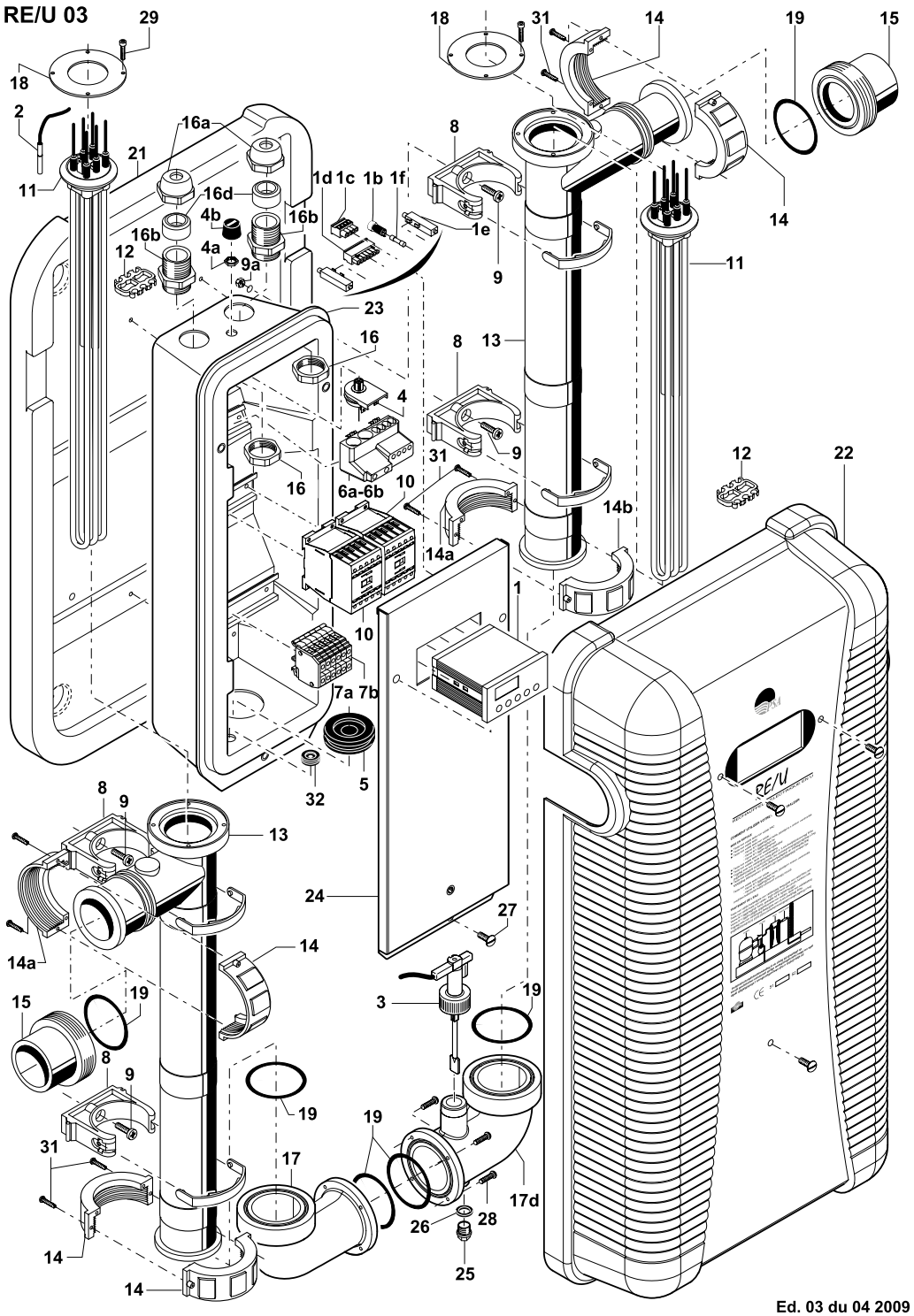

Ed. 03 du 04 2009

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
Electrical spare parts			
	Timed regulator ECP 230 (RE/U RE/I) 2 channels	WCE01307	**253,25 €**
1	Digital regulator ECP 233	WCE01308	**253,45 €**
2	Extraction sensor	WCE01311	**22,71 €**
3	Noryl flow switch	WSK02022	**122,94 €**
	Stainless steel flow switch (RE/I)	WSK02014	**154,57 €**
4	Safety thermostat 63° (RE/U, RE/I, RE/DE, RE/LE)	WIN01641	**35,31 €**
	Primary thermostat 30/90°	WUN02423	**111,37 €**
6	Star point (RE/U)	W40PERU	**52,29 €**
7	Elec. connection terminals (RE/U)	WCC01293	**18,18 €**
10	DILM 9-10 contactor (give model)	WCF01066	**55,74 €**
12/11	Straight resistance kit (RE/U) 3 kW titane + spacer	WKITRES3D	**211,21 €**
	Straight resistance kit (RE/U, RE/I) 6 kW titane + spacer	WKITRES6D	**225,92 €**
	Straight resistance kit (RE/U, RE/I) 9 kW titane + spacer	WKITRES9D	**236,44 €**
	Straight resistance kit (RE/U, RE/I) 12 kW titane + spacer	WKITRES12D	**240,64 €**
A	Basic digital regulator FK 151	WCE02925	**168,13 €**
B	Digital thermostat transformer	WCE01305	**29,43 €**
	Contactor RE/I g.p DILM 40 (RE/I 60/72)	WCF01064	**196,66 €**
	Contactor RE/I g.p DILM 50 (RE/I 84/96)	WCF01070	**265,85 €**
	Contactor RE/I g.p DILM 65 (RE/I 108/120)	WCF01071	**387,74 €**
	On/Off switch, green light (RE/U)	WSX02010	**11,35 €**
	Light (RE/U, RE/I)	WSX03023	**11,59 €**
Others			
	2 1/2 union connectors Ø 63 (OPTIPAC 10 15)	W20RDU1	**61,36 €**
	RE/I cover medium power	WRB01856	**247,40 €**
	RE/I cover high power	WRB01855	**270,38 €**
13 / 14 / 17 / 18 / 19	RE/U polyamide body	W40CORREU	**106,66 €**
19/15	2 1/2 union connections Ø 63/50 (RE/L and RE/U)	W40RDL	**11,35 €**

* For all orders for spare parts please give the serial number of the heater.

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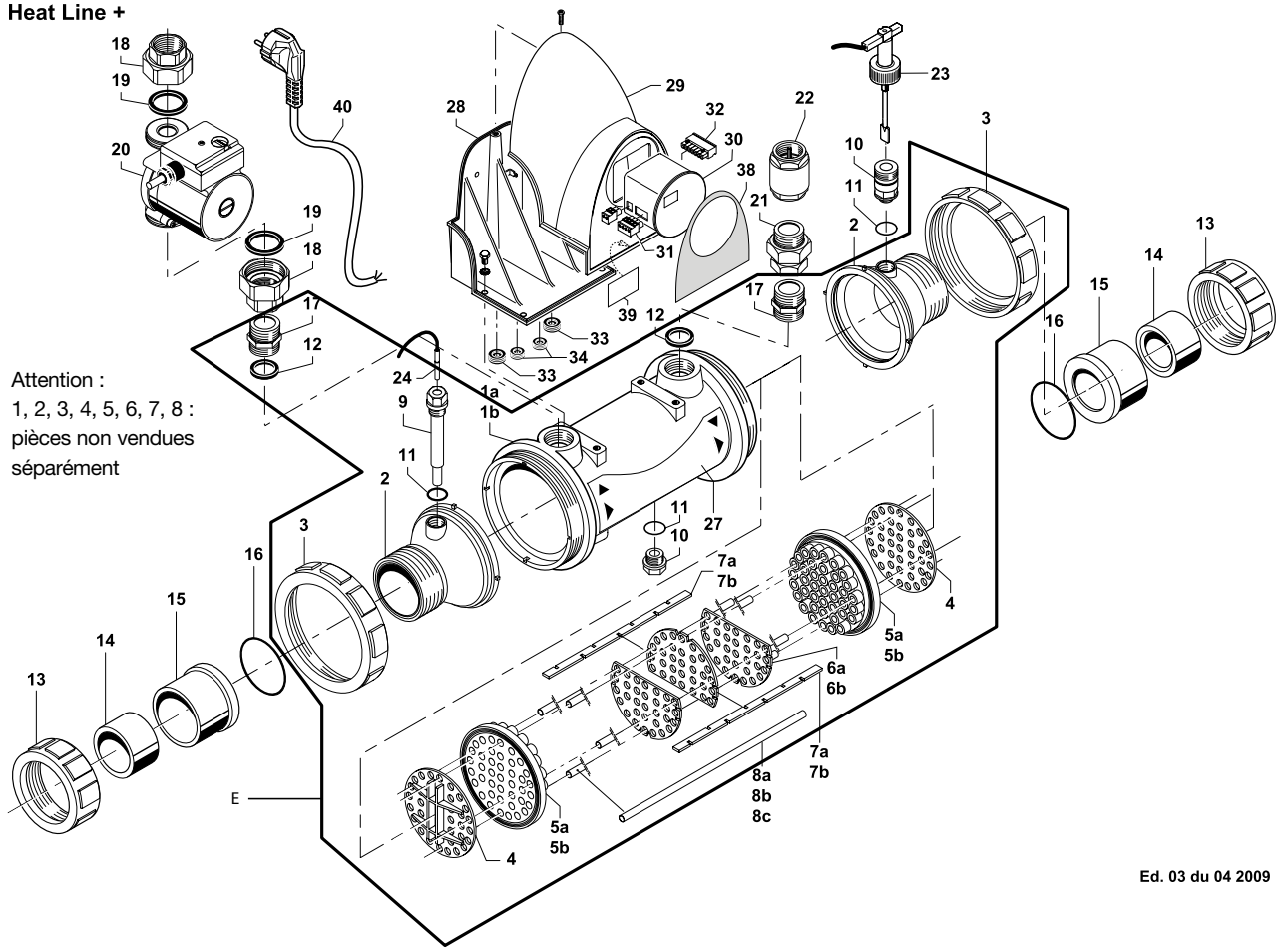
HEAT LINE +

Heat Line +



Attention :
1, 2, 3, 4, 5, 6, 7, 8 : pièces non vendues séparément

Ed. 03 du 04 2009

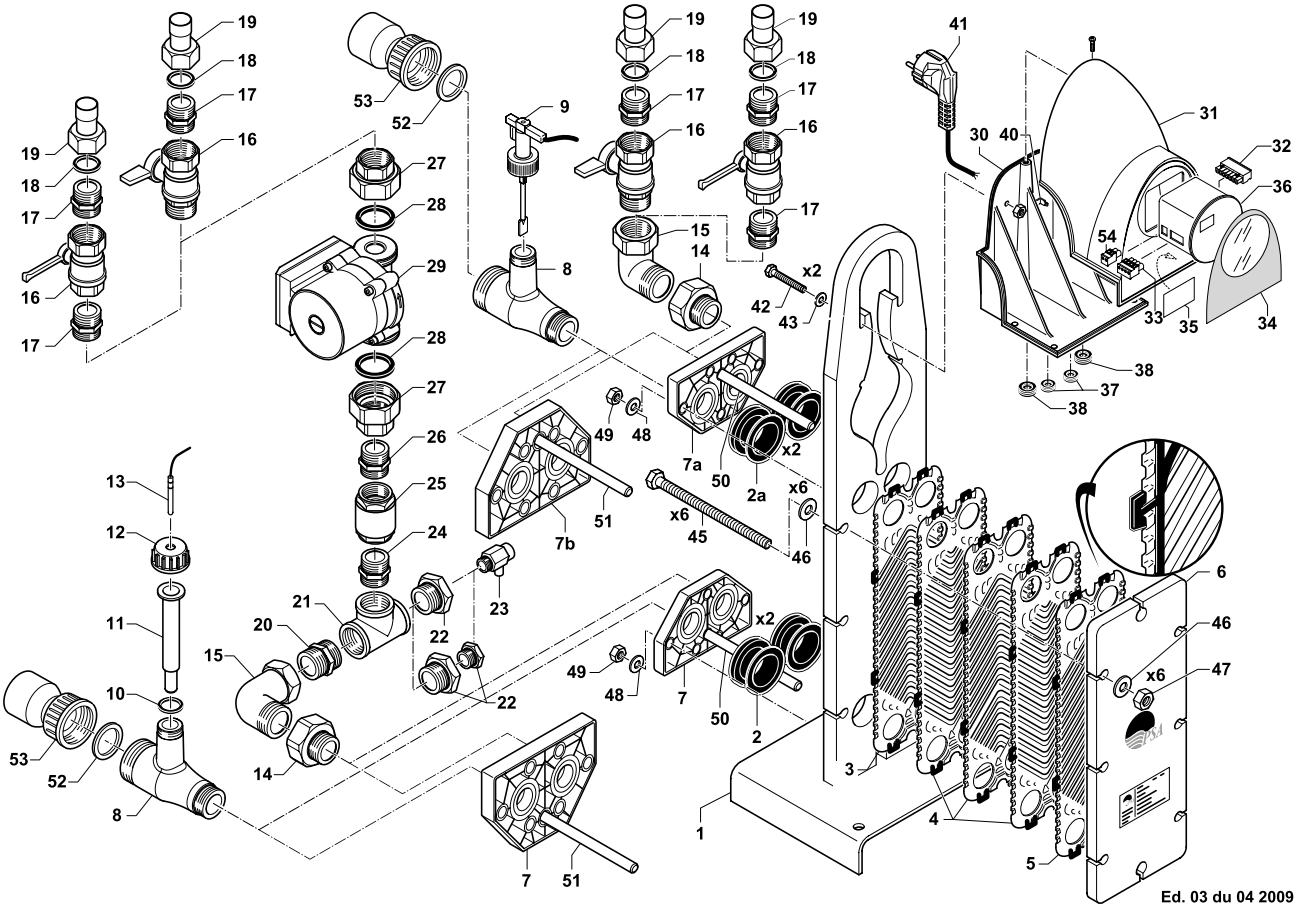
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
	Electrical spare parts		
20	Circulator 2 m3 25/40 (EC/C, EC/K, Heat Line+)+ set of 2 connection pieces 26/34 and joints	R07122	**260,60 €**
	Power cable for circulator UMP3	B0201200A	**8,74 €**
18 19	Set of 2 connection pieces 26/34 and joints	WGR01540	**16,81 €**
23	Noryl flow switch	WSK02022	**122,94 €**
24	Extraction sensor	WCE01311	**22,71 €**
30	ECP 200 Regulator** (or EVX 402)	WCE02684	**85,32 €**
38	Sticker for the electrical box front panel	WSR02735	**11,04 €**
23 10 42	Electric box (Heat Line+) and height adjuster with flow switch	W49COFKT	**568,49 €**
A	Digital regulator ECP 233	WCE01308	**253,45 €**
B	Aquastat 16/40° with glove finger 15/21M (basic HEAT LINE)	W20KD02	**127,09 €**
C	Regulation thermostat 16/40 B.10	WEG01404	**31,74 €**
D	Regulation thermostat 16/40 bulb Ø 6 mm	WEG01405	**40,98 €**
	Basic digital regulator EVK 411 (before 1997)	WCE02925	**168,13 €**
	Others		
21	3 Pieces connection 26/34	WMO01713	**22,37 €**
11 / 9	Threaded polyamide glove finger 15/21 male + gasket	R07236	**13,66 €**
11 /10	Height adjuster + joint	R07233	**10,33 €**
13 / 14 / 15 / 16	2 1/2 union connections Ø 63 + adjusters Ø 50 (Heat Line)	W40RDU	**12,02 €**
22	Check valve 26/34	WCL03431	**14,16 €**
11 25	Cap 15/21	WIB01609	**11,35 €**
	Heat Line cover with sticker	WIB02695	**11,35 €**
E	20 kW TITANIUM tank without valve 26/34	WKITCUVE20KT	**524,35 €**
	40 kW TITANIUM tank without valve 26/34	WKITCUVE40KT	**614,72 €**
	70 kW TITANIUM tank without valve 26/34	WKITCUVE70KT	**763,94 €**
	Flat glove finger (non threaded) + pierced and joint 20/27	WKITDGT	**11,35 €**
	Cap 20/27 Female without hole	WNS01751	**11,35 €**
	Joint 20/27	WNS01780	**5,78 €**

* For all orders for spare parts please give the serial number of the exchanger.

Uranus +

Spare Parts



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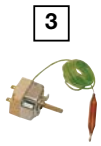
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

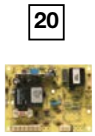
Position	Description	Reference	Price ex VAT
	Electrical spare parts		
9	Noryl flow switch	WSK02022	**122,94 €**
13	Extraction sensor	WCE01311	**22,71 €**
29	Circulator UP35/70 + Set of 2 connection pieces 26/34 and joints (before 2015)	R07120	**478,11 €**
	Circulator UAP35/70/120 + Set of 2 connection pieces 26/34 and joints (after 2015)	R07121	**478,11 €**
27 / 28	Set of 2 connection pieces 26/34 and joints	WGR01540	**16,81 €**
29	Circulator UP120/240 and UAP240 + Set of 2 connection pieces 33/42 and joints	R07123	**no price**
27 /28	Set of 2 connection pieces 33/42 and joints	WGR01541	**24,16 €**
36	ECP 200 Regulator** (or EVX 402)	WCE02684	**85,32 €**
34	Sticker for the electrical box front panel	WSR02735	**11,04 €**
A	Digital regulator ECP 233	WCE01308	**253,45 €**
B	Basic digital regulator FK 151	WCE02925	**168,13 €**
C	Digital thermostat transformer	WCE01305	**29,43 €**
D	Electric box with flow switch and sensor	W49COFUR	**568,49 €**
	Plates UP35/70 & UAP35/70/120		
3	Titanium input plate T2*	WCV01183	**100,03 €**
	Plates UP35/70 & UAP35/70/121		
4	Titanium intermediate plate T2*	WCV01185	**99,83 €**
	Plates UP35/70 & UAP35/70/122		
5	Titanium output plate T2*	WCV01187	**100,03 €**
	Plates UP120/240 & UAP240		
3	Titanium input plate M3*	WCV01184	**182,84 €**
	Plates UP120/240 & UAP241		
4	Titanium intermediate plate M3*	WCV01186	**181,78 €**
	Plates UP120/240 & UAP242		
5	Titanium output plate M3*	WCV01188	**201,24 €**
	Plates UP 105 & 140		
3	Titanium input plate V4	WCV01178	**146,66 €**
	Plates UP 105 & 141		
4	Intermediate plate V4	WCV01168	**146,66 €**
	Plates UP 105 & 142		
5	Titanium output plate V4	WCV01181	**94,37 €**
	Plates ECP ou EC/PP 200		
3	Titanium input plate V8	WCV01179	**201,21 €**
	Plates ECP ou EC/PP 201		
4	Intermediate plate V8	WCV01170	**201,21 €**
	Plates ECP ou EC/PP 202		
5	Titanium output plate V8	WCV01182	**201,21 €**
	Others		
2	Sleeve joint EPDM (UP 35/70)	WCV01171	**38,46 €**
	Sleeve joint EPDM (UP 120/240)	WCV01172	**91,95 €**
7	Plastic collar UP 35-70 + 2 x gaskets 24/31 + UAP 35-70-120	R07235	**89,11 €**
	Plastic collar UP 120-240 + 2 x gaskets 24/31 + UAP240	R07234	**117,48 €**
8	Condenser connection 7M without fixture (water outlet)	WIB01633	**11,35 €**
10 / 11 /12	Flat glove finger (non threaded) + pierced and joint 20/27	WKITDGT	**11,35 €**
12	Cap 20/27 Female without hole	WNS01751	**11,35 €**
10	Joint 20/27	WNS01780	**5,78 €**
25	Check valve 26/34	WCL03431	**14,16 €**
52 /53	Set of 2 half-union connectors + gaskets 40/49	W20RDU	**21,60 €**

* For all orders for spare parts please give the serial number of the exchanger.
** It is imperative to give the appliance model.

Wall Mounted boilers

Spare Parts





Position	Description	Reference	Price ex VAT
1	Circulator 20-70 6H (CM-CMV) before 2004	WUN02384	370,97 €
	Circulator (from 2004)	WUN03619	547,29 €
2	Regulation thermostat 16/40 bulb Ø 6 mm	WEG01405	40,98 €
3	Regulation thermostat 16/40 B.10	WEG01404	31,74 €
5	No water pressure switch (before 2004)	WUN02441	85,23 €
6	Smoke safety pressure switch (CMV 24)	WUN02432	157,54 €
7	Electronic plate (CMV24) before 2002	WUN02411	511,56 €
10	Piezo starter electrode	WUN02394	36,50 €
11	Starter/ionisation electrode	WUN02436	85,40 €
12	Noryl flow switch	WSK02022	122,94 €
13	Electric plate CMV from 2004	WUN03608	435,26 €
14	Electric plate (CMV) from 2002	WUN03041	492,57 €
15	Electronic plate (CM24) before 2002	WUN02410	1.807,62 €
16	Electric plate (CM) from 2002	WUN03061	368,52 €
17	Command plate (CMV) from 2004	WUN03606	270,75 €
	Electric plate (CM - CMV) from 2002	WUN03040	175,49 €
19	Lighter plate (CMV) from 2004	WUN03607	439,88 €
20	Electronic lighter plate	WUN02409	347,76 €
21	Primary circuit sensor (before 2004)	WUN02433	57,96 €
22	Safety valve head	WUN02420	54,55 €
23	Primary circuit thermometer for facade	WUN02440	61,37 €
24	Smoke safety thermostat (CM)	WUN02414	36,36 €
25	Electronic lighting gas vane (605 N VR4605N	WUN02425	596,74 €
26	Gas vane CMV from 2004 (845 SIGMA)	WUN03605	470,03 €
27	Pilot + support (CM)	WUN02417	39,77 €
	Pilot + support (CMV)	WUN02418	65,33 €
28	Primary circuit sensor (before 2004)	WUN03616	51,13 €
29	Lighter transformer (from 2004)	WUN03620	57,96 €
31	Primary circuit water manometer for facade	WUN02434	60,05 €
	90° concentric angle Ø 100	WUN02388	72,82 €
	1m concentric extension Ø 100	WUN02415	93,78 €
	Safety Klixon 105° C AE (before 2004)	WUN03060	45,45 €
	Safety Klixon 105° C for pilot	WUN02404	44,32 €
	Ventilator motor (CMV24)	WUN03062	363,66 €
	Protection basket	WUN02442	132,41 €
	Safety Klixon 105° C (before 2004)	WUN03618	40,82 €
	Automatic purger	WUN02438	42,12 €
	Remote relay 220 Volts	WCF02710	33,09 €
	Thermocouple	WUN02422	37,51 €
	No water pressure switch (from 2004)	WUN03617	50,96 €
	Boiler tank (give the model type)	WKITCUVE40KT	614,72 €
	Pool temperature sensor (from 2004)	WUN03610	91,56 €

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Eurogaz Boilers

Pièces détachées

Position	Description	Reference	Price ex VAT
1	Circulator 20-27 12 M (EUROGAZ)	WUN03063	499,76 €
	Double circuit circulator 2m3 25/40	W49CC4	181,78 €
2	Primary circuit sensor (before 2004)	WUN02433	57,96 €
3	Regulation thermostat 16/40 B.10	WEG01404	31,74 €
4	Primary circuit thermometer for facade	WUN02440	61,37 €
5	No water pressure switch (before 2004)	WUN02441	85,23 €
6	Smoke safety pressure switch (CMV 24)	WUN02432	157,54 €
7	Electronic plate (CMV24) before 2002	WUN02411	511,56 €
9	Lighter plate	WUN02431	362,70 €
10	Potentiometer heating regulation	WUN02412	42,05 €
11	Starter/ionisation electrode	WUN02436	85,40 €
12	Relay (220 V) 0006 double contacts	WCF02711	21,59 €
13	Remote relay 220 Volts	WCF02710	33,09 €
14	Noryl flow switch	WSK02022	122,94 €
15	Safety Klixon 105° C AE (before 2004)	WUN03060	45,45 €
16	Primary circuit water manometer for facade	WUN02434	60,05 €
17	Electric plate (CMV) from 2002	WUN03041	492,57 €
	Switch M/A 2 positions	WUN02385	34,17 €
	Switch M/A 3 positions	WUN02386	34,17 €
	1m concentric extension Ø 100	WUN02415	93,78 €
	Protection basket	WUN02442	132,41 €
	Ventilator motor	WUN03066	314,79 €
	90° concentric angle Ø 100	WUN02388	72,82 €
	Automatic purger	WUN02438	42,12 €
	Safety valve head	WUN02420	54,55 €
	Expansion tank double circuit (4L)	WIS01648	55,68 €
	Burner safety rearming button	WUN02445	34,10 €
	Boiler tank (give the model type)	WKITCUVE40KT	614,72 €

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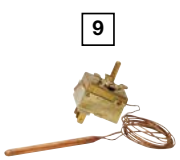
Floor boilers C21, C31, C43, C54, C76, C8

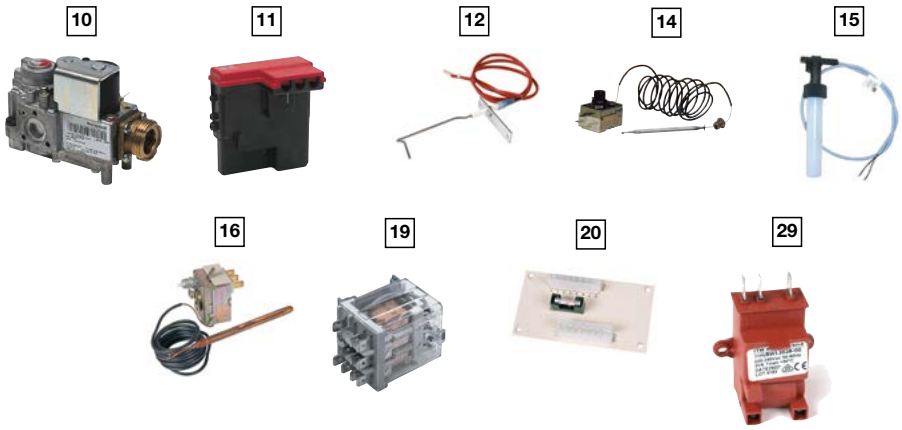
Position	Description	Reference	Price ex VAT
1	Double circuit circulator 2m3 25/40	W49CC4	**181,78 €**
	Circulator 25/60 (C72)	W49CC6	**311,64 €**
2	Manometer valve 15/21	WIS01651	**35,23 €**
4	Pilot gas vane (C72) V4400C	WUN02428	**689,41 €**
	Pilot gas vane (C22, C32, C42)	WUN02426	**496,98 €**
	Gas safety pressure switch (C72)	WUN02439	**270,24 €**
6	Thermocouple	WUN02422	**37,51 €**
8	Safety Klixon (105°)	WUN02406	**79,60 €**
9	Primary thermostat 30/90°	WUN02423	**111,37 €**
	Expansion tank double circuit (4L)	WIS01648	**55,68 €**
	Piezo starter electrode	WUN02394	**36,50 €**
	Regulation thermostat 16/40 bulb Ø 6 mm	WEG01405	**40,98 €**
	Lighter transformer (from 2004)	WUN03620	**57,96 €**



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Floor boilers C22, C32, C42, C62, C72

Position	Description	Reference	Price ex VAT
1	Double circuit circulator 2m3 25/40	W49CC4	181,78 €
	Circulator 25/60 (C72)	W49CC6	311,64 €
2	Manometer valve 15/21	WIS01651	35,23 €
	Pilot gas vane (C22, C32, C42)	WUN02426	496,98 €
6	Thermocouple	WUN02422	37,51 €
8	Safety Klixon (105°)	WUN02406	79,60 €
	Gas safety pressure switch (C72)	WUN02439	270,24 €
9	Primary thermostat 30/90°	WUN02423	111,37 €
10	Electronic lighter gas vane (C22, C32, C42) VK4105C	WUN02427	461,46 €
11	Electronic lighter plate (C22, C32, C42)	WUN02408	374,36 €
12	Electronic lighter electrode (C22, C32, C42, C62, C72)	WUN02392	136,37 €
	Ionisation electrode	WUN02435	30,68 €
	Piezo starter electrode	WUN02394	36,50 €
14	Smoke safety thermostat	WUN02437	118,63 €
15	Noryl flow switch	WSK02022	122,94 €
16	Klixon (105°) manual rearming	WUN02407	86,37 €
	Electronic lighter plate	WUN02409	347,76 €
19	Remote relay 220 Volts	WCF02710	33,09 €
20	Connection plate	WUN03621	54,35 €
29	Lighter transformer (from 2004)	WUN03620	57,96 €
	White plastic button	WUN02387	38,64 €
	Lighter plate C62	WUN03609	506,67 €
	Regulation thermostat 16/40 B.10	WEG01404	31,74 €
	Pilot gas vane (C72) V4400C	WUN02428	689,41 €
	Expansion tank double circuit (4L)	WIS01648	55,68 €
	Boiler tank (give the model type)	WKITCUVE40KT	614,72 €
	C42 - C62 - C72 Boiler tank	W49CUVE70CG	740,96 €



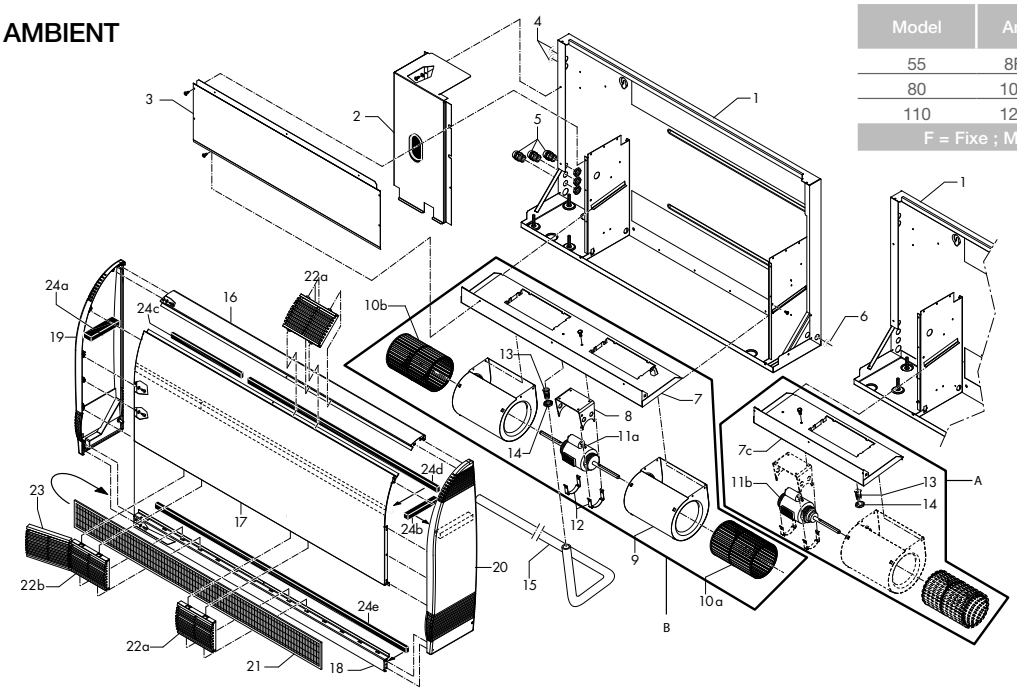
Sirocco et DT 850

Spare Parts

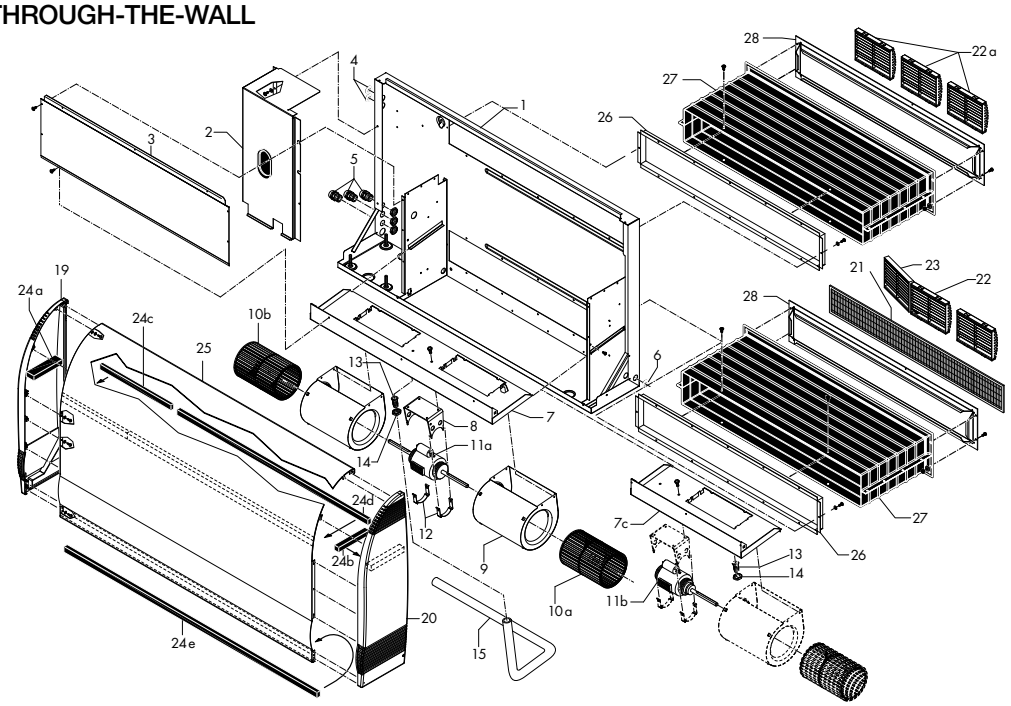
Sirocco 55, 80, 110

Model	Ambient	Throught-the-wall
55	8F + 1M	4F + 1M
80	10F + 1M	6F + 1M
110	12F + 1M	8F + 1M
F = Fixe ; M = Mobile + Fixe		

AMBIENT



THROUGH-THE-WALL



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Sirocco 55, 80, 110

Position	Description	Reference	Price ex VAT
	Electrical spare parts		
	Defrosting sensor (grey)	WCE01312	22,71 €
	Extraction sensor	WCE01311	22,71 €
	Resistance (electric heatiing option) - Sirocco 50 - 2KW	WEG01422	61,82 €
	Resistance (electric heatiing option) - Sirocco 80 - 3KW	WEG01423	74,60 €
	Resistance (electric heatiing option) - Sirocco 110 - 4,5kW	WEG01424	99,69 €
50	Regulator ECP 600	WCE06000	239,84 €
	Compressor capacitor 25µf	B0181300A	15,76 €
	Compressor alu capacitor 35µf (SIROCCO 80)	B0181400A	44,14 €
	Compressor capacitor 40 µF C2	B0181500A	45,39 €
	Fan capacitor 3µf (SIROCCO 55, 80, 110)	WSG01935	13,91 €
	Ventilation set (SIROCCO 55)	WTC03074	857,80 €
	Ventilation set (SIROCCO 80)	WTC03075	911,32 €
	Ventilation set (SIROCCO 110)	WTC03076	915,76 €
C	Hygro control + sensor**	WD000001	200,71 €
	Hygro control sensor	WCE03431	62,78 €
D	Standard wall hygrostat	WCE01314	146,06 €
	Phase controller	WCZ01371	83,02 €
	Refrigerating spare parts		
29	Compressor (SIROCCO 55) RK5512C single ph.	WTC03071	1.015,44 €
	Compressor (SIROCCO 80) Mitsubishi RE247VHSMT single ph.	WTC03080	1.000,07 €
	Compressor ZR22 mono 407C 4 feet	WCO02576	1.123,23 €
	Compressor (SIROCCO 110) 3 ph.	WCO03848	1.431,65 €
38	Expansion valve TX3 N13 407C (SIROCCO 55)	WTC03070	168,14 €
	Expansion valve TX3 N34 407C (SIROCCO 80)	WAC02497	141,13 €
	Expansion valve TX3 N35 407C (DF303)	WAC02498	118,98 €
39	HP Pressure switch* 20-26 B	WJC01669	83,02 €
40	LP Pressure switch* 0.5/2 B	WJC01668	85,12 €
	Dehumidifier 053S (OPTIPAC 2, 3, 3D)	WCY00995	29,63 €
	Others		
21	Filter (SIROCCO 55 Ambient) Size 135 x 940 mm	WSD01913	31,39 €
	Filter (SIROCCO 80 Ambient) Size 135 x 1130 mm	WSD01914	34,64 €
	Filter (SIROCCO 110 Ambient) Size 135 x 1320 mm	WSD01915	36,80 €
	Filter (SIROCCO 55 Through-the-wall) Size 135 x 560 mm	WSD01911	25,98 €
	Filter (SIROCCO 55 Through-the-wall) Size 135 x 750 mm	WSD01912	28,14 €
	Filter (SIROCCO 55 Ambient) Size 135 x 940 mm	WSD01913	31,39 €
22a	Fixed grate	WIB01637	11,59 €
22b / 23	Removable + fixed grate	WGRILSIROCO	15,12 €
	Manual overheating thermostat	WJP01682	15,12 €
	Automatic overheating thermostat	WJP01681	11,59 €
12	Motor fan mounting clip	WTC03893	33,72 €
12	Through the wall kit Sirocco 55 (top and bottom)	WKITMANCH55	359,38 €
	Through the wall kit Sirocco 80 (top and bottom)	WKITMANCH80	408,33 €
	Through the wall kit Sirocco 110 (top and bottom)	WKITMANC110	439,06 €
	Anti vibration pegs (to order by 4)	WAP03064	3,40 €

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DT 800, 850 & 850E

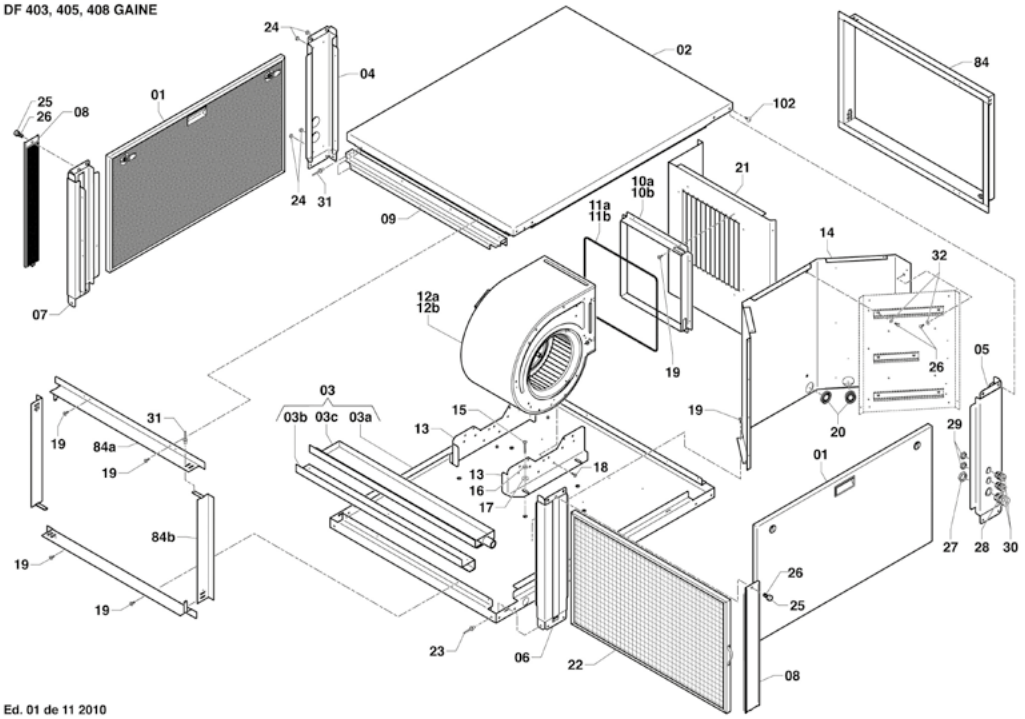
Position	Description	Reference	Price ex VAT
	Electrical spare parts		
1	Fan motor DT 850 E	WAM01000	339,84 €
	Electronic card DT 850 E + Display DT 850 E	WAM01004	204,56 €
3	Defrosting clock 15.1	WAM00981	167,22 €
	Defrosting clock 14.1	WAM00990	197,38 €
	Compressor capacitor 25µf	B0181300A	15,76 €
	Compressor capacitor 40 µF C2	B0181500A	45,39 €
	Refrigerating spare parts		
4	Compressor RG171JT (DT850)	WAM03080	883,29 €
	Compressor DT 850 E to R407C	WAM01001	883,29 €
	Compressor DT 850 E to R410A	WAM01002	883,29 €
	Others		
	Fan capacitor 2µf	WWA01051	16,75 €
	Turbine DT 850 E	WAM01003	207,54 €
	Turbine give the type - DT800 or DT850	WAM03069	207,54 €
	Lexan DT 850 E	WAM01006	11,58 €
	Filter give the type - DT800 or DT850 or DT850E	W28FIDT5	63,86 €

* For all orders for spare parts please give the serial number of the dehumidifier.
** The hygro-control can replace a hygrothermostat from the previous generation if the dehumidifier is fitted with an ECP600 regulator.

DF 5, 6, 8, 10, 12, 303, 310, 312, 403, 405, 408, 410, 412

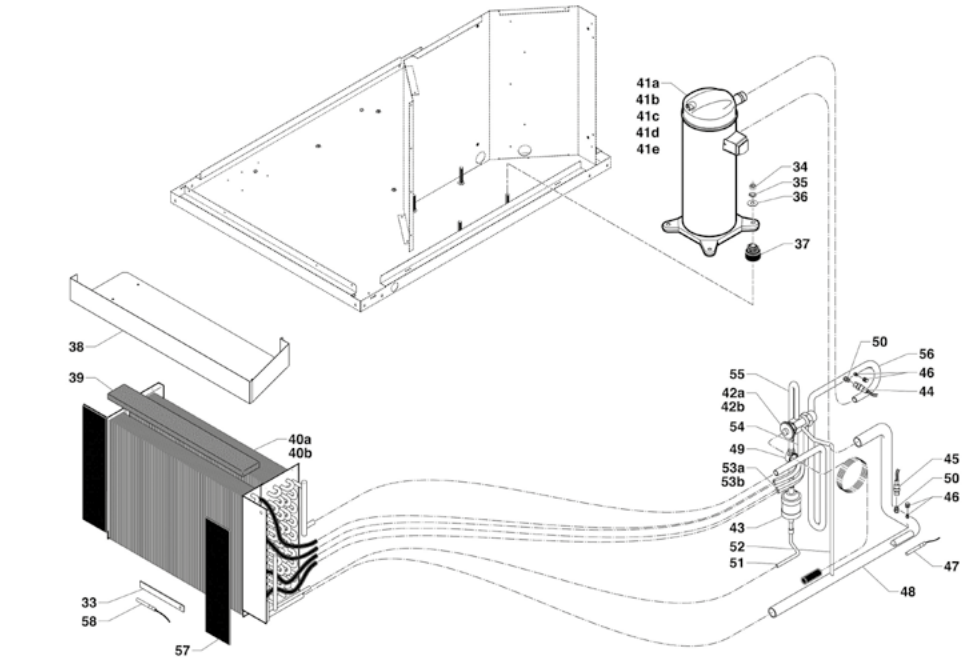
Spare Parts

DF 403, 405, 408 GAINE



Ed. 01 de 11 2010

DF 403, 405, 408



Ed. 01 de 11 2010

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
	Electrical spare parts		
12	Motor fan (DF 303, 305, 403 ,405) - capacitor included***	WCF01220	898,33 €
	Motor fan (DF8, DF 308, 408) - capacitor included***	WCF01221	1.206,79 €
	Motor fan (DF 310, 312, 410, 412) - capacitor included***	WCF01222	1.233,85 €
	Compressor alu capacitor 45 µF (Eden 1)	B0181600A	45,39 €
	Compressor capacitor 50µf (CAE 506)	B0181100A	45,19 €
	Compressor capacitor 55µf (CAE 508)	B0181700A	45,39 €
	Compressor capacitor 40 µF C2	B0181500A	45,39 €
	Ventilator Capacitor 12µF (DF5, 6, 8 DF308, 310, 312, DF408, 410, 412)	WSG01931	32,47 €
	Ventilator Capacitor 10µF (DF303, 305, DF403, 405 and 408 IE3)	WSG01930	13,91 €
	Ventilator Capacitor 7µF IE2 standards from 2014 (DF403 and 405)	B0053100A	12,44 €
	Ventilator Capacitor 16µF IE2 standards from 2014 (DF410 and DF412)	B0053200A	14,61 €
	Fan capacitor 4 µF (OPTIPAC 2, 3 and 7)	WSG01938	44,55 €
49	Regulator ECP 600	WCE06000	239,84 €
51	Remote relay 12 Volts	WFD01460	27,82 €
	Remote relay 220 Volts	WCF02710	33,09 €
	Compressor contactor KM1	WCF01113	76,18 €
	DILM 9-10 contactor (give model)	WCF01066	55,74 €
	Phase controller	WCZ01371	83,02 €
58	Extraction sensor	WCE01311	22,71 €
47	Defrosting sensor (grey)	WCE01312	22,71 €
A	Standard wall hygrostat	WCE01314	146,06 €
B	Hygro control + sensor**	WD000001	200,71 €
	Hygro control sensor	WCE03431	62,78 €
C	Heater 1.5 kW (extra heating option)	WRI01892	92,75 €
D	Auto rearming safety thermostat	WIN01642	59,17 €
E	Manual rearming safety thermostat	WIN01646	45,27 €
F	Transformer 220/12V	WSE01929	74,19 €
	Defrosting clock 15.1	WAM00981	167,22 €
	Standard wall thermostat	WCL01318	83,02 €
	Refrigerating spare parts		
40	Evaporator/condenser (DF 308)	WHC01547	1.439,60 €
	Evaporator/condenser (DF 310, 312)	WHC01550	1.901,04 €
	Evaporator/condenser (DF 303, 305)	WHC01549	1.296,70 €
41	Compressor ZR22 mono 407C 4 feet	WCO02576	1.123,23 €
	Compressor ZR 28 mono (DF 5, DF 305 Sing. ph)	WCO02579	1.263,50 €
	Compressor ZR 28 tri (DF 305 3 phase)	WCO02783	1.292,54 €
	Compressor ZR 34 sing.ph. (DF 6 mono)	WCO02581	1.404,92 €
	Compressor ZR 40 sing.ph. (DF 8, DF 308 mono, 408 mono)	WCO02590	1.374,79 €
	Compressor ZR 40 3 ph. (DF 8, DF 308 tri, 408 tri)	WCO02687	1.404,92 €
	Compressor ZR48 3 ph. (DF 10, DF 410 tri)	WCO02589	1.613,57 €
	Compressor ZR61 3 ph. (DF 12, DF 312 tri, DF412)	WCO02453	1.826,86 €
42	Expansion valve TX3 N35 407C (DF 303, 403)	WAC02498	118,98 €
	Expansion valve TX3 N36 407C (DF 305, 308, 405, 408)	WAC02499	107,79 €
	Expansion valve TX3 N37 407C (DF 10, 310, 410)	WAC02500	111,48 €
	Expansion valve TX3 N38 407C (DF 12, 312, 412)	WAC02501	113,64 €
33	Liquid indicator 33S (DF 5, 6, 8, 303, 305, 308, 403, 405, 408)	WCY01000	42,95 €
	Liquid indicator 34S (DF 310/312, 10/12, 410, 412)	WCY01001	42,89 €
43	Dehumidifier 053S (DF 6/8, 303, 305, 308, 403, 405, 408)	WCY00995	29,63 €
	Dehumidifier 084S (DF 6/8, 303, 305, 308, 403, 405, 408)	WCY00997	34,16 €
45	LP Pressure switch* 0.5/2 B (to be screwed)	WJC01668	85,12 €
44	HP Pressure switch* 20-26 B (to be screwed)	WJC01669	83,02 €
	Others		
3C	Condensation collector DF6/8, 305/308	WTP02123	46,38 €
	Condensation collector DF10/12, 310, 312	WTP02127	81,94 €
22	Filter frame (DF ducts 303 to 308) size: 410 x 610 x 23 mm	WSD01918	60,17 €
	Filter frame (DF ducts 310 to 312) size: 450 x 645 x 23 mm until Nov. 2006	WSD01922	44,05 €
	Filter frame (DF ducts 310 to 312) size: 577 x 690 x 22 mm from Nov 2006	WSD03351	44,05 €
	Metalwork insulation thickness 20 mm - Price per m2	WCA02601	111,31 €
	Filter DF 403 to 408 size: 755 x 455 x 20 mm	WTL00760	53,37 €
	Filter DF 410 to 412 size: 850 x 580 x 20 mm	WTL00761	68,07 €
	Demi filter DF 403-408 size: 380 x 460 x 22 mm	WTL00763	34,26 €
	Demi filter DF 410-412 size: 428 x 585 x 22 mm	WTL00762	41,94 €

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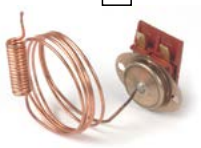

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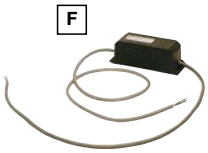
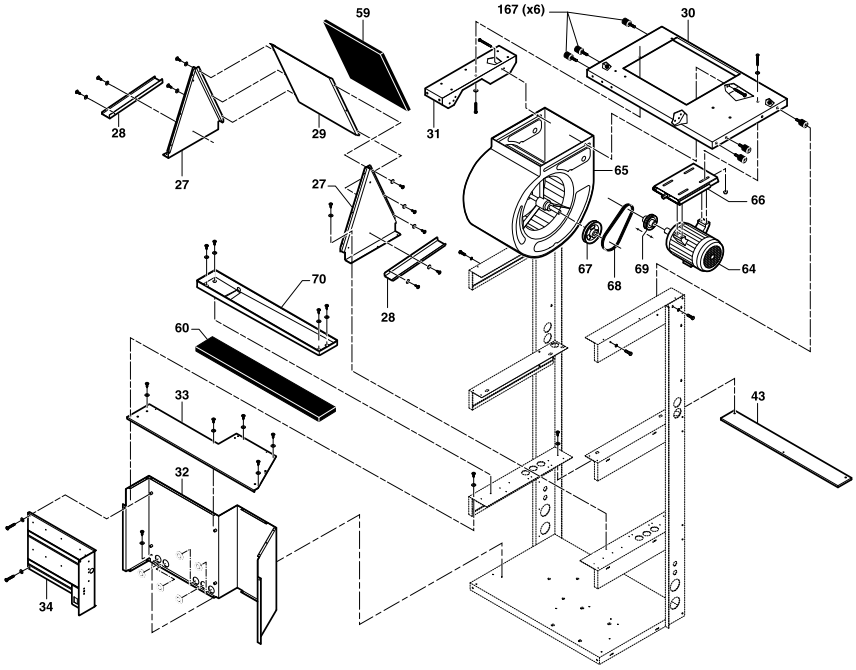
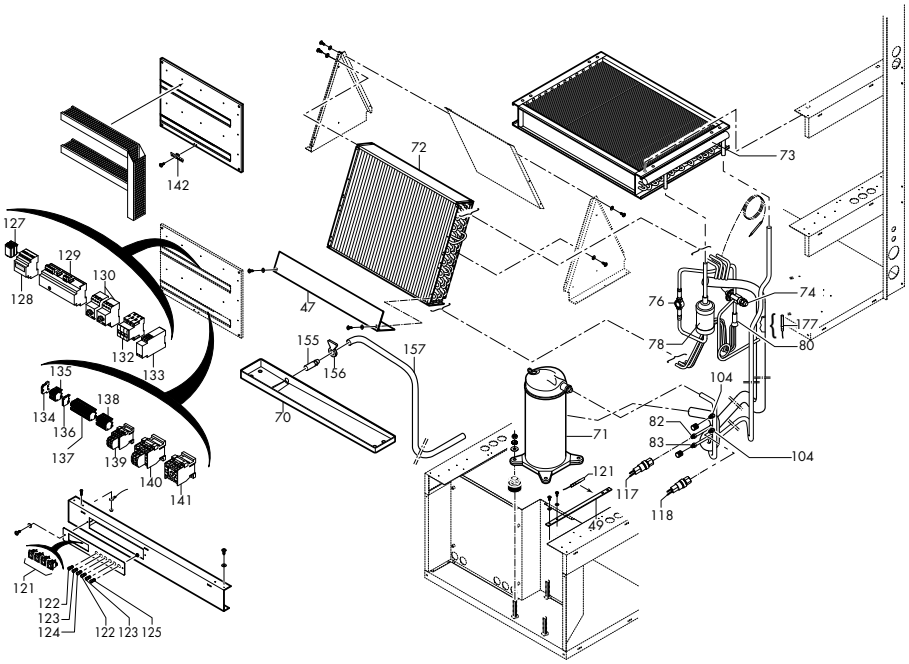


* For all orders for spare parts please give the serial number of the dehumidifier.
** The hygro-control can replace a hygrothermostat from the previous generation if the dehumidifier is fitted with an ECP600 regulator.
*** For all orders for DF motor fan please give the DF model and the serial number.

BODY SET



REFRIGERATING AND ELECTRIC SET



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ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
	Electrical spare parts		
64	Ventilation motor (CAE 506 and 508 sing.ph.)	WLS01688	610,89 €
	Ventilation motor (CAE 517, 510 3 ph.)	WLS01690A	639,86 €
	Ventilator motor 1.1 kW (OMEGA 10)	WLS01691A	708,26 €
123	Green light	WSX03024	11,59 €
121	Green Switch M/A	WSX02010	11,35 €
	Extraction sensor	WCE01311	22,71 €
127	Remote relay 220 Volts	WCF02710	33,09 €
	Remote relay 12 Volts	WFD01460	27,82 €
128	Digital regulator EC 6 133 with sensor (condenser option)	WCE02685	239,20 €
129	Regulator ECP 600	WCE06000	239,84 €
130	Thermal circuit breaker PKZMO 16 A	WCF01078	161,21 €
	Thermal circuit breaker PKZMO 2.5A	WCF01074	134,49 €
	Thermal circuit breaker PKZMO 4 A	WCF01075	134,49 €
	Thermal circuit breaker PKZMO 6.3 A	WCF01073	102,01 €
133	Phase controller	WCZ01371	83,02 €
177	Defrosting sensor (grey)	WCE01312	22,71 €
	Compressor capacitor 50µf (CAE 506)	B0181100A	45,19 €
	Compressor capacitor 55µf (CAE 508)	B0181700A	45,39 €
B	Standard wall hygrostat	WCE01314	146,06 €
C	Hygro control + sensor**	WD000001	200,71 €
	Hygro control sensor	WCE03431	62,78 €
D	Static timer 180S	WCZ01370	85,77 €
F	Transformer 220/12V	WSE01929	74,19 €
G	Extractor thermostat (condenser option)	WIN01644	45,27 €
H	Auto rearming safety thermostat	WIN01642	59,17 €
I	Manual rearming safety thermostat	WIN01646	45,27 €
	DILM 9-10 contactor (give model)	WCF01066	55,74 €
	Heater 1.5 kW (extra heating option)	WRI01892	92,75 €
	Standard wall thermostat	WCL01318	83,02 €
	Hygro+Temp Regulator for remote cabinet	B0202000A	399,51 €
	Hygro+Temp sensor for remote cabinet	B0201900A	399,51 €
	Refrigerating spare parts		
71	Compressor ZR 34 sing.ph. (CAE 506)	WCO02581	1.404,92 €
	Compressor ZR 40 sing.ph. (CAE 508)	WCO02590	1.374,79 €
	Compressor ZR 40 3 ph. (CAE 507, 508)	WCO02687	1.404,92 €
	Compressor ZR61 3 ph. (CAE 510)	WCO02453	1.826,86 €
	Compressor ZR81 3 ph. (CAE 513)	WCO02688	2.176,94 €
74	Expansion valve TX3 N36 (CAE 506)	WAC02499	107,79 €
	Expansion valve TX3 N37 (CAE 508)	WAC02500	111,48 €
	Expansion valve TX3 N38 (CAE 510)	WAC02501	113,64 €
	Expansion valve TX3 N39 (CAE 513)	WAC02753	117,97 €
76	Liquid indicator 33S (CAE 506, 508)	WCY01000	42,95 €
	Liquid indicator 34S (CAE 510, 513)	WCY01001	42,89 €
78	Dehydrator 083S (CAE 506, 508)	WCY00996	45,49 €
	Dehydrator 164S (CAE 510, 513)	WCY00998	57,79 €
117	LP Pressure switch* 0.5/2 B (to be screwed)	WJC01668	85,12 €
118	HP Pressure switch* 20-26 B (to be screwed)	WJC01669	83,02 €
	Others		
65	Turbine (CAE 506, 508)	WNI01742	375,56 €
	Turbine (CAE 510, 513)	WNI01743	387,16 €
	Turbine bearing (CAE 506, 508)	R06217	38,96 €
	Turbine bearing (CAE 510, 513)	R06218	42,21 €
68	Ventilation belt (CAE 517, 722*)	WRS01894	20,89 €
	Ventilation Belt (CAE 310, 506, 507, 508, 510, 513*)	WGA02968	13,06 €
70	Condensation collector*	WTP02122	53,57 €
	Ambient filter frame (CAE 506, 507, 508, 510, 513*)	WSD01908	33,66 €
	Rear filter frame (CAE 506, 507, 508, 510, 513*)	WSD01910	46,38 €
	Side filter frame (CAE 506, 507, 508, 510, 513*)	WSD01909	39,50 €
	Bumpy foam insulation (plate dimensions 1,50 m x 1,00 m)	WCA02600	73,05 €
	Filtering medium without frame (CAE 310, 517, 722*)	WTC03077	25,54 €
167	Silent block M/F motor fan bracket	WGA02946	11,59 €

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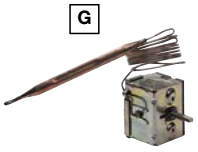

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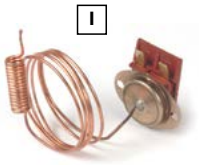

** The hygro-control can replace a previous generation hygrothermostat if the dehumidifier is fitted with an ECP600 regulator.

Position	Description	Reference	Price ex VAT
Electrical spare parts			
	Relative humidity/temperature sensor (remote regulator box)	B0201900A	**399,51 €**
	Relative humidity/temperature regulator (remote regulator box)	B0202000A	**399,51 €**
6	Regulator ECP 600	WCE06000	**239,84 €**
7	Thermal circuit breaker PKZMO 16 A	WCF01078	**161,21 €**
	Thermal circuit breaker PKZMO 20 A	WCF01079	**161,21 €**
	Thermal circuit breaker PKZMO 4 A	WCF01075	**134,49 €**
	Thermal circuit breaker PKZMO 6.3 A	WCF01073	**102,01 €**
8	Remote relay 12 Volts	WFD01460	**27,82 €**
9	Remote relay 220 Volts	WCF02710	**33,09 €**
	Phase controller	WCZ01371	**83,02 €**
10	Ventilator motor 1.1 kW (OMEGA 10)	WLS01691B	**708,26 €**
11	Ventilator motor 1.5 kW (OMEGA 14)	WLS01695A	**746,69 €**
	Ventilator motor 1.8 kW (OMEGA 16)	WLS01697B	**810,32 €**
	Ventilator motor 2.2 kW (OMEGA 20)	WLS01698A	**871,70 €**
12	Auto rearming safety thermostat	WIN01642	**59,17 €**
	Manual rearming safety thermostat	WIN01646	**45,27 €**
13	Standard wall hygrostat	WCE01314	**146,06 €**
14	Hygro control + sensor**	WD000001	**200,71 €**
15	Hygro control sensor	WCE03431	**62,78 €**
	Extractor thermostat (condenser option)	WIN01644	**45,27 €**
16	Transformer 220/12V	WSE01929	**74,19 €**
17	DILM 9-10 contactor (give model)	WCF01066	**55,74 €**
	Digital regulator EC 6 133 with sensor (condenser option)	WCE02685	**239,20 €**
	Heater 1.5 kW (extra heating option)	WRI01892	**92,75 €**
	Static timer 180S	WCZ01370	**85,77 €**
	Standard wall thermostat	WCL01318	**83,02 €**
	Defrosting sensor (grey)	WCE01312	**22,71 €**
	Extraction sensor	WCE01311	**22,71 €**

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ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
	Refrigerating spare parts		
1	Compressor ZR61 3 ph. (OMEGA 10)	WCO02453	1.826,86 €
	Compressor ZR72 3 ph. (OMEGA 14)	WCO02858	2.036,73 €
	Compressor ZR81 3 ph. (OMEGA 16)	WCO02688	2.176,94 €
	Compressor ZR 94 (OMEga 20, after 2008)	WCO03830	2.679,73 €
	Compressor ZR12m3 (OMEGA 28)	WCO03078	4.315,97 €
	Compressor ZR 125 (OMEga 28)	WCO03831	2.784,28 €
2	Expansion valve TX3 N38 (OMEGA 10)	WAC02501	113,64 €
	Expansion valve TX3 N39 (OMEGA 14/16)	WAC02753	117,97 €
	Expansion valve TX7 N15 (OMEGA 20 and 28)	WAC02961	284,65 €
3	Liquid indicator 34S (OMEGA 10 to 16)	WCY01001	42,89 €
	Liquid indicator 35S (OMEGA 20)	WCY01002	59,17 €
4	HP Pressure switch* 20-26 B (to be screwed)	WJC01669	83,02 €
5	LP Pressure switch* 0.5/2 B (to be screwed)	WJC01668	85,12 €
	Dehydrator 164S (OMEGA 10, 14, 16)	WCY00998	57,79 €
	Dehydrator 305S (OMEGA 20 and 28)	WCY00999	93,95 €
	Others		
18	Belt (OMEGA 10 to 16)	WGA02968	13,06 €
	Belt (OMEGA 20)	WGA02969	15,69 €
	Belt* (OMEGA 28) x2 (from 2006) XPZ 710	WTR02356	19,71 €
	Belt* (OMEGA 28) x2 (from 2007) XPZ 800	WTR02357	20,93 €
	Filter frame (OMEGA 10, 14, 16, 20) size: 525 x 615 x 23 mm to order per 2	WSD01916	44,37 €
	Omega filter 8/12 size: 625 x 400 x 23 mm by unit	WSD01923	35,99 €
	OMEGA 28* filter (until 2005) size: 500 x 400 x 23 mm to order per 6	WSD02760	30,30 €
	Filter OMEGA 28* (from 2006) size: 547 x 400 x 22 mm to order per 6	WSD03350	30,30 €
	Bumpy foam insulation (plate dimensions 1,50 m x 1,00 m)	WCA02600	73,05 €
	Turbine (omega 10 to 20)	WNI01743	387,16 €
	Double Turbine Omega 28	WNI01755	599,35 €
	Turbine bearing OMEGA	R06218	42,21 €
	Sound insulation plate with adhesive tape (1,5 x1m)	WCA02601	111,31 €

* For all orders for spare parts please give the serial number of the dehumidifier.
** The hygro-control can replace a hygrothermostat from the previous generation if the dehumidifier is fitted with an ECP600 regulator.

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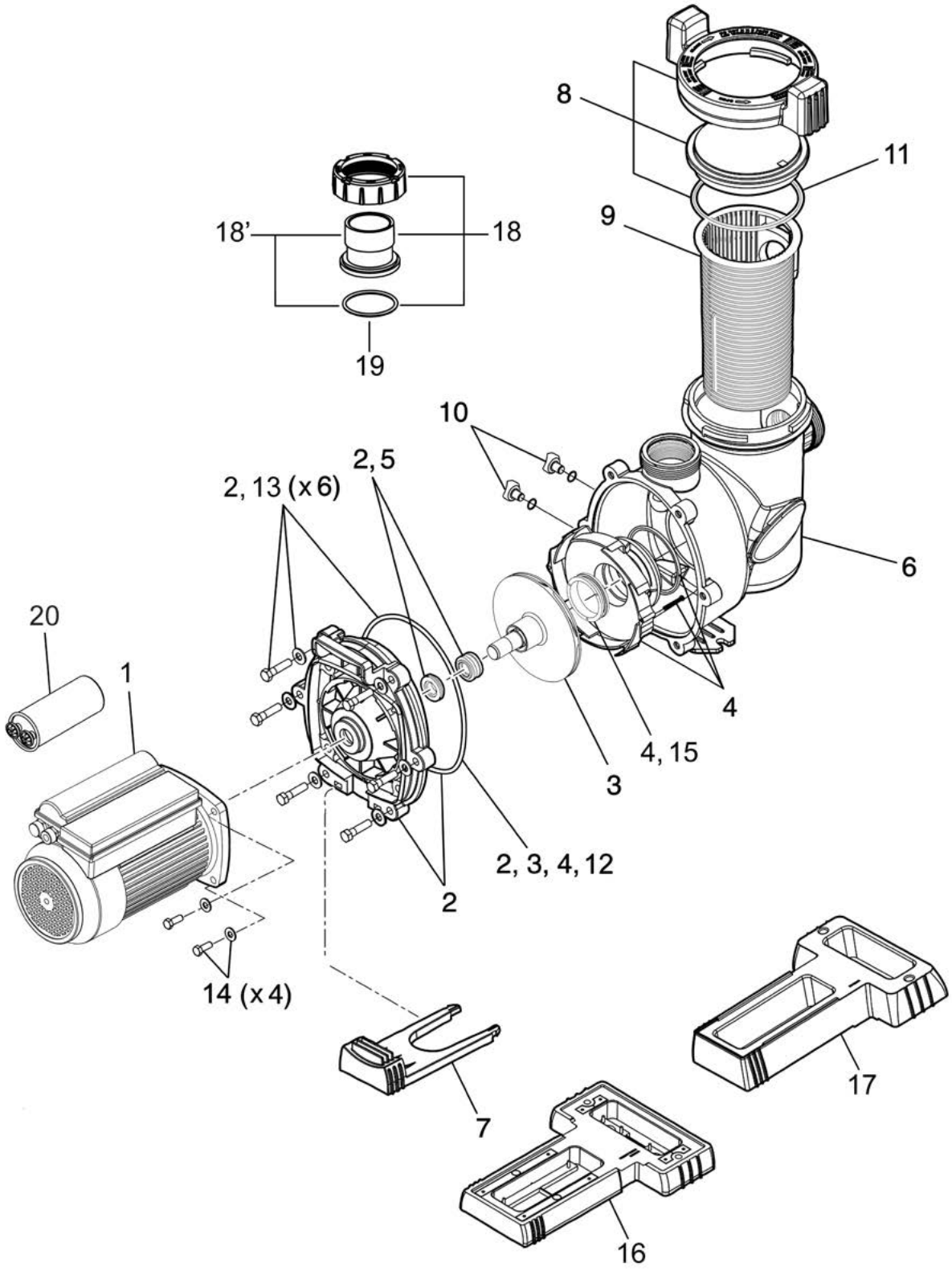
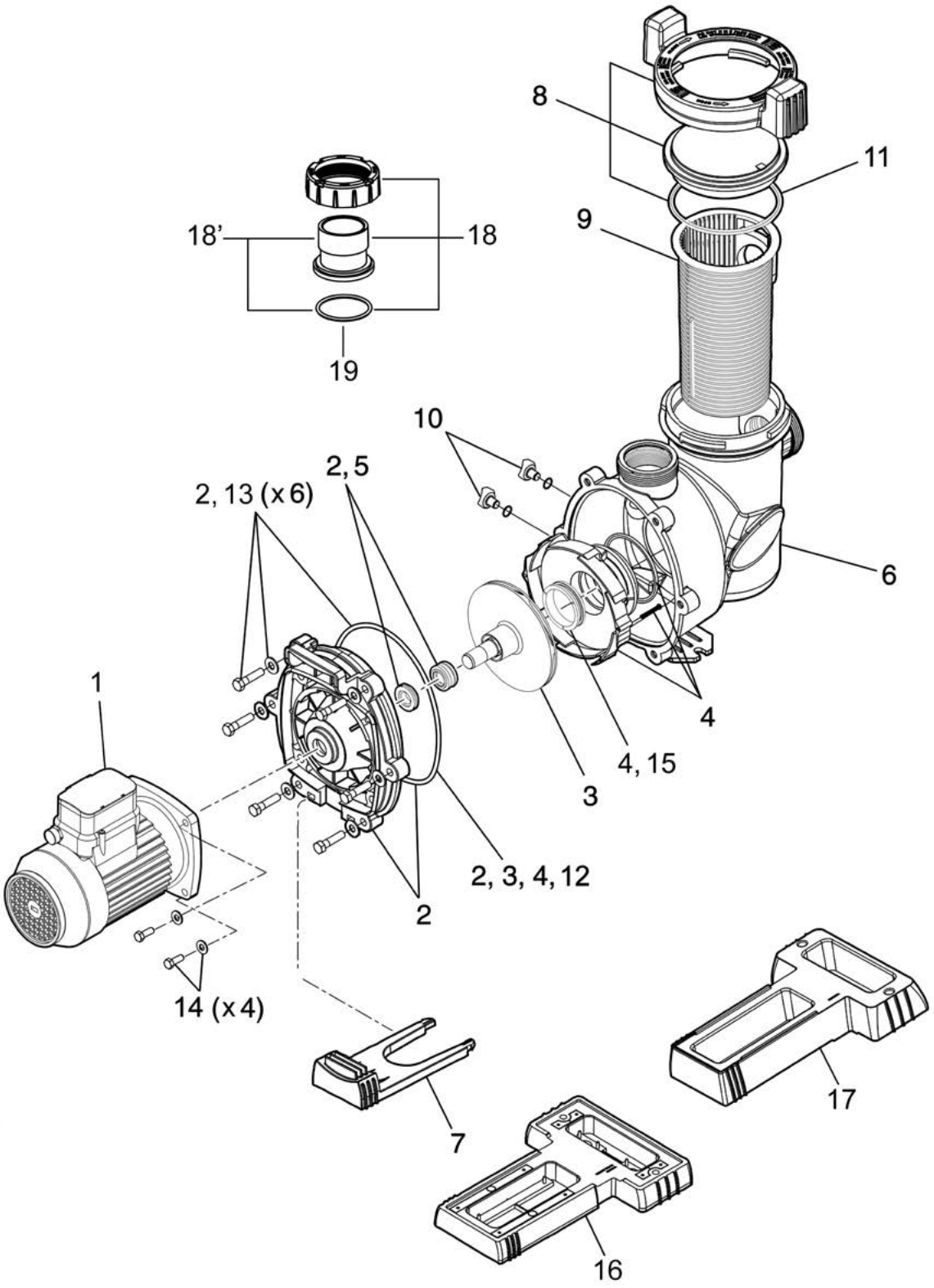


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Pump motor FHP 50M & 75M	R0770601	288,87 €
	Pump motor FHP 75T	R0770602	262,44 €
	Pump motor FHP 100M	R0770603	305,58 €
	Pump motor FHP 100T	R0770604	295,85 €
	Pump motor FHP 150M	R0770605	350,14 €
	Pump motor FHP 150M	R0770606	309,05 €
	Pump motor FHP 200M	R0770607	411,40 €
	Pump motor FHP 200T	R0770608	368,56 €
2	Backplate kit FHP (with hardware, Oring & mechanical seal)	R0479501	91,94 €
3	Impeller FHP 50 (w/ backplate Oring)	R0757700	58,67 €
	Impeller FHP 75 (w/ backplate Oring)	R0757800	47,25 €
	Impeller FHP 100 (w/ backplate Oring)	R0757900	47,25 €
	Impeller FHP 150 (w/ backplate Oring)	R0758000	47,25 €
	Impeller FHP 200 (w/ backplate Oring)	R0758100	47,25 €
4	Diffuser FHP (with Oring, Hardware & Backplate Oring)	W0479700	43,39 €
5	Mechanical seal FHP (set)	R0728500	25,42 €
6	Pump body FHP	R0479801	153,24 €
7	Motor mounting foot FHP 100M, 150M, 200M, 150T, 200T	R0479901	20,30 €
	Motor mounting foot FHP 75T & 100T	R0479904	18,69 €
	Motor mounting foot FHP 50M & 75M	R0479905	18,69 €
8	Lid FHP (with locking ring & Oring)	R0480001	50,79 €
9	Filter basket FHP	R0480101	24,12 €
10	Drain plug with Oring (set of 2)	R0446001	8,71 €
11	Lid Oring	R0480201	10,42 €
12	Backplate Oring FHP	R0480301	8,32 €
13	Backplate Hardware (bolts, washers & backplate Oring)	R0480501	19,23 €
14	Motor bolts & washers	R0446702	17,94 €
15	FHP slip ring	R0746800	15,50 €
16	Small pump base	R0486701	26,28 €
17	Large pump base	R0546401	21,01 €
18	63/50mm union tailpiece kit (x2)	R0728700	40,70 €
18’	2» UK union tailpiece kit (x2, without locking rings)	R0792700	16,98 €
19	Tailpiece Oring kit (x2)	R0728800	15,30 €
20	Capacitor 12µF FHP 50M & 75M	R0792300	25,49 €
	Capacitor 25µF FHP 100M	R0792400	34,02 €
	Capacitor 35µF FHP 150M	R0792500	45,65 €
	Capacitor 45µF FHP 200M	R0792600	49,27 €

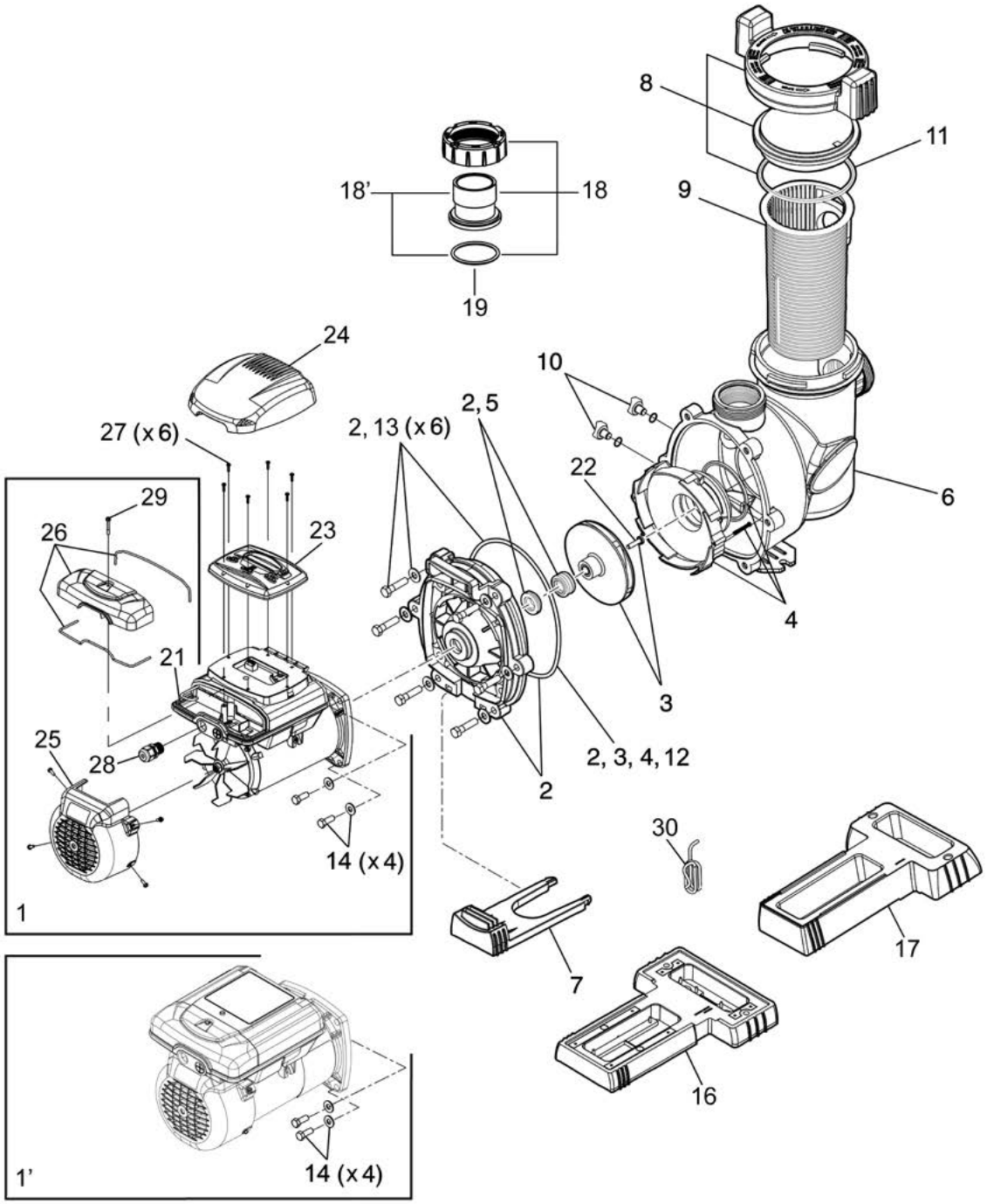


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Pump motor assembly, FloPro e3 100	R0728200	**794,58 €**
2	Backplate kit FHP (with hardware, Oring & mechanical seal)	R0479501	**91,94 €**
3	Impeller FHP 100 (w/ backplate Oring)	R0757900	**47,25 €**
4	Diffuser FHP (with Oring, Hardware & Backplate Oring)	W0479700	**43,39 €**
5	Mechanical seal FHP (set)	R0728500	**25,42 €**
6	Pump body FHP	R0479801	**153,24 €**
7	Motor mounting foot FHP 100M, 150M, 200M, 150T, 200T	R0479901	**20,30 €**
8	Lid FHP (with locking ring & Oring)	R0480001	**50,79 €**
9	Filter basket FHP	R0480101	**24,12 €**
10	Drain plug with Oring (set of 2)	R0446001	**8,71 €**
11	Lid Oring	R0480201	**10,42 €**
12	Backplate Oring FHP	R0480301	**8,32 €**
13	Backplate Hardware (bolts, washers & backplate Oring)	R0480501	**19,23 €**
14	Motor bolts & washers	R0446702	**17,94 €**
15	FHP slip ring	R0746800	**15,50 €**
16	Small pump base	R0486701	**26,28 €**
17	Large pump base	R0546401	**21,01 €**
18	63/50mm union tailpiece kit (x2)	R0728700	**40,70 €**
18’	2” UK union tailpiece kit (x2, without locking rings)	R0792700	**16,98 €**
19	Tailpiece Oring kit (x2)	R0728800	**15,30 €**

FloPro™ VS / FloPro™ VS AUT

Spare Parts

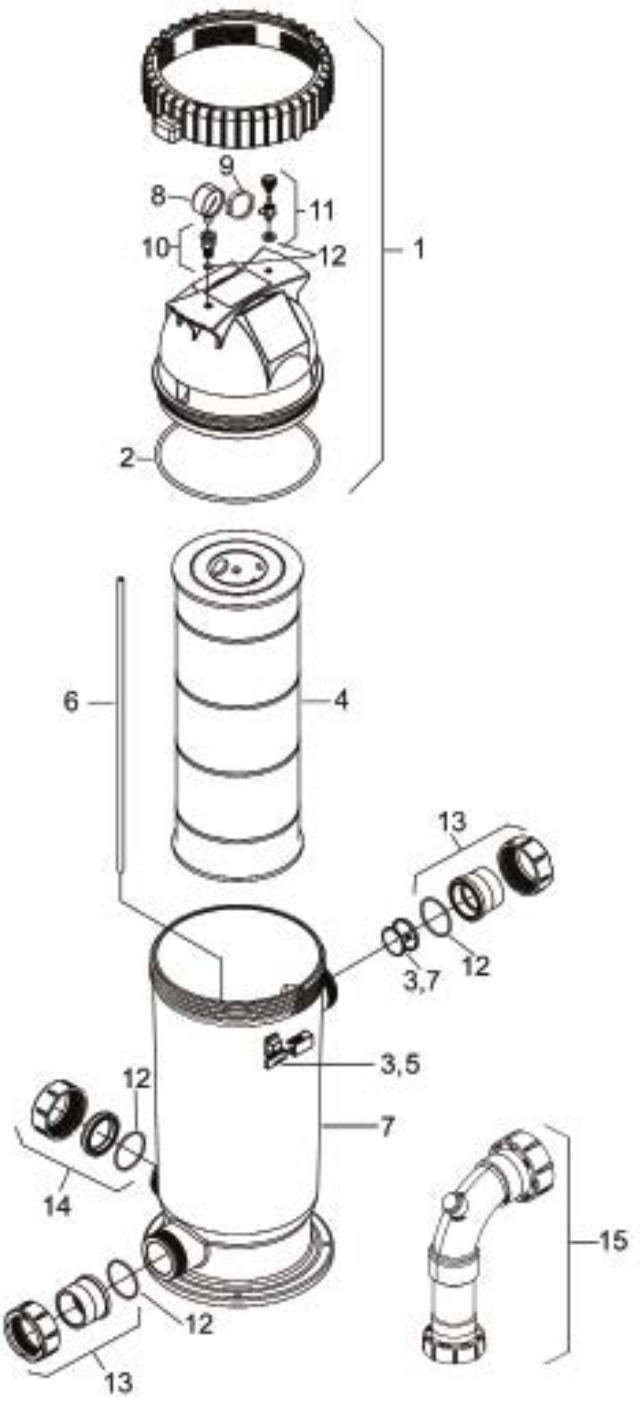


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Pump motor, 50Hz FloPro VS 160	R0626500	**875,32 €**
1’	Pump motor, 50Hz FloPro VS AUT 160	R0773200	**875,32 €**
2	Backplate kit FHPVS (with hardware, Oring & mechanical seal)	R0479502	**91,94 €**
3	Impeller FloPro VS (with screw & Oring)	R0479603	**52,54 €**
4	Diffuser FloPro VS (with Oring, Hardware & Backplate Oring)	R0479701	**47,29 €**
5	Mechanical seal FloPro VS (set)	R0479400	**22,77 €**
6	Pump body FHP	R0479801	**153,24 €**
7	Motor mounting foot	R0479902	**20,50 €**
8	Lid FHP (with locking ring & Oring)	R0480001	**50,79 €**
9	Filter basket FHP	R0480101	**24,12 €**
10	Drain plug with Oring (set of 2)	R0446001	**8,71 €**
11	Lid Oring	R0480201	**10,42 €**
12	Backplate Oring FHP	R0480301	**8,32 €**
13	Backplate Hardware (bolts, washers & backplate Oring)	R0480501	**19,23 €**
14	Motor bolts & washers	R0446702	**17,94 €**
16	Small pump base	R0486701	**26,28 €**
17	Large pump base	R0546401	**21,01 €**
18	63/50mm union tailpiece kit (x2)	R0728700	**40,70 €**
18’	2” UK union tailpiece kit (x2, without locking rings)	R0792700	**16,98 €**
19	Tailpiece Oring kit (x2)	R0728800	**15,30 €**
21	4-Pin RS485 connector	R0660900	**7,84 €**
22	Impeller screw (with Oring)	R0515400	**3,86 €**
23	JEP-R user interface	WJEP-R	**188,26 €**
24	User interface cover FloPro VS	R0571501	**16,60 €**
25	Fan cover FloPro VS	R0571300	**22,59 €**
26	Electrical connection box cover FloPro VS	R0571400	**57,35 €**
27	User interface screws	R0571600	**3,86 €**
28	Cable gland 6-12 mm x 1/2”	R0501101	**5,87 €**
29	Electrical connection box screw	R0587600	**7,44 €**
30	RS485 cable (per meter)	W4278+	**8,14 €**

CS - Cartridge filter

Spare Parts

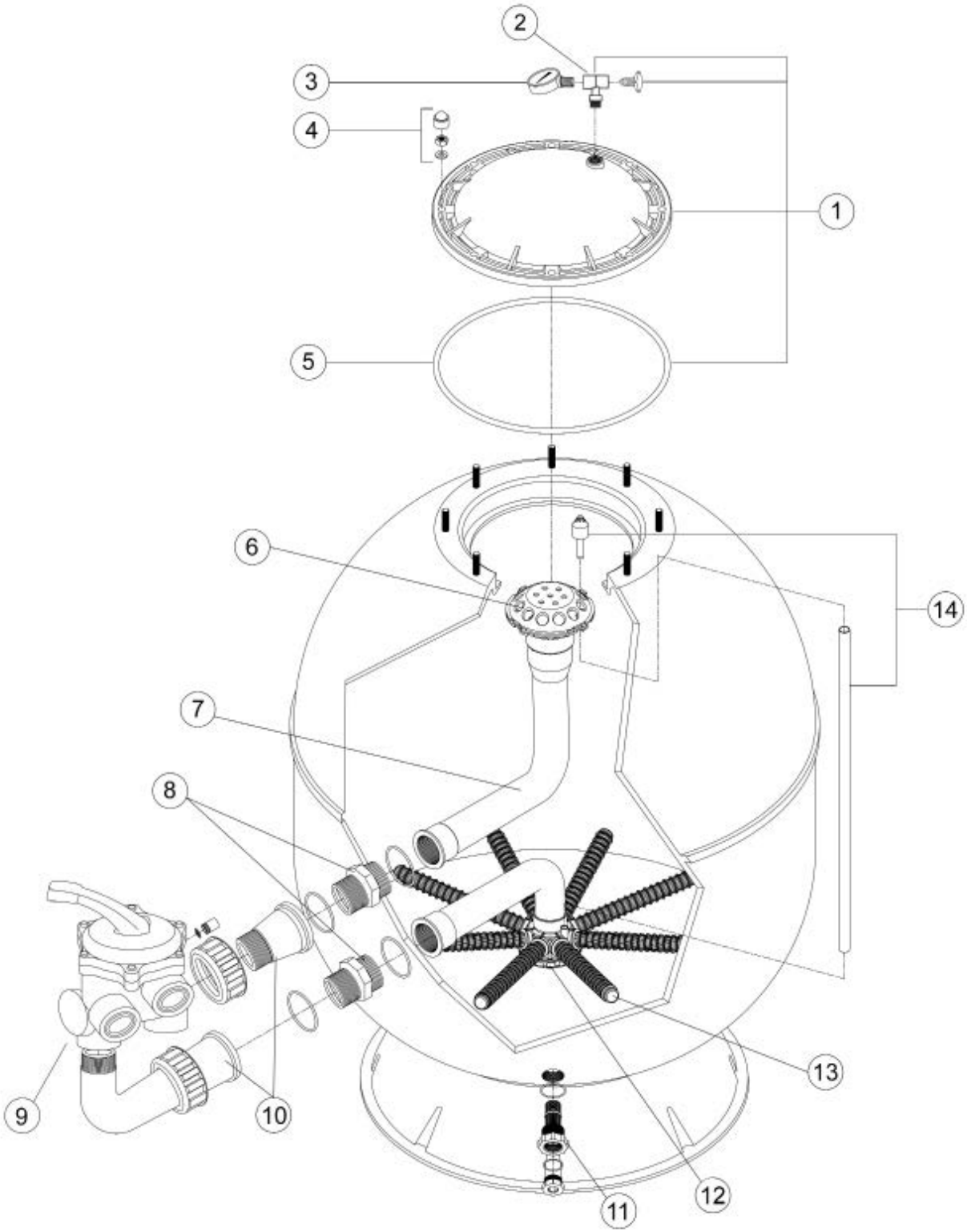


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Top housing assembly, CS100 & CS150	R0461901	**156,47 €**
2	Tank Oring	R0462701	**19,28 €**
3	Inlet diffuser & locking tab kit	R0462101	**8,18 €**
4	Replacement cartridge, CS100	R0462201	**106,09 €**
	Replacement cartridge, CS150	R0462301	**152,27 €**
5	Locking tab	R0484101	**5,39 €**
6	Breather tube, CS100 & CS150	R0462803	**8,18 €**
7	Bottom housing assembly, CS	R0462901	**184,15 €**
8	Pressure gauge, bar-psi	R0756000	**32,84 €**
9	Indicator snap ring	R0468201	**6,85 €**
10	Pressure gaude adapter assembly	R0557101	**11,76 €**
11	Air relief valve assembly	R0557201	**14,24 €**
12	Oring set (x3)	R0466301	**16,71 €**
13	63/50mm union tailpiece kit (x2)	R0771400	**22,92 €**
	2” union tailpiece kit (2 pieces, add 2x R0770300 for 1 ½”)	R0771401	**25,21 €**
14	Drain cap kit	R0523000	**18,15 €**
15	Versa Plumb® kit for installation with a FloPro™ pump	WF000026	**50,99 €**
	Pressure gauge 1/8”	R0831200	**6,04 €**

Boreal - Sand Filter

Spare Parts

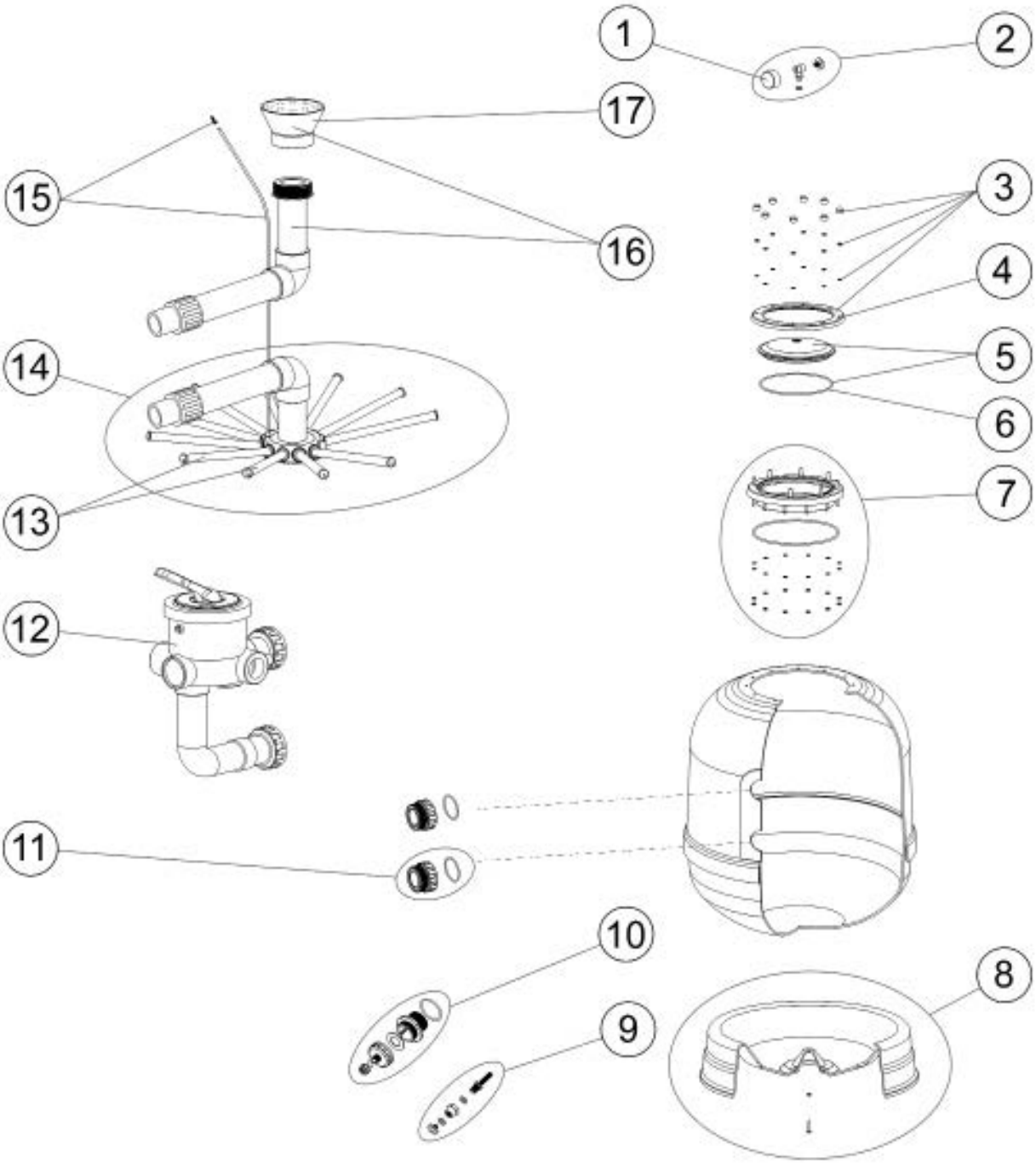


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Lid set	R0804600	**87,22 €**
2	T-shape adaptor + seal + air relief kit	R0804900	**12,14 €**
3	Pressure gauge 3 bar	R0596500	**14,37 €**
4	Screws & caps set	R0674100	**19,86 €**
5	Lid Oring kit (x5)	R0805000	**40,70 €**
6	Diffuser	R0674400	**36,31 €**
7	D400 Diffuser elbow	R0674500	**22,20 €**
	D520 Diffuser elbow	R0597400	**22,20 €**
	D640 Diffuser elbow	R0597500	**22,20 €**
	D760 Diffuser elbow	R0597600	**42,37 €**
	D900 Diffuser elbow	R0597700	**42,37 €**
8	1 ½" threaded union set	R0598200	**23,11 €**
	2" threaded union set	R0598300	**28,90 €**
9	7-way multiport valve 1 ½"	R0596300	**94,47 €**
	7-way multiport valve 2"	R0596400	**157,52 €**
10	1 ½" union piping set	R0596900	**40,98 €**
	2" union piping set	R0597000	**51,49 €**
11	Drain plug set	R0596800	**36,68 €**
12	D400 Collector elbow	R0674600	**40,98 €**
	D520 Collector elbow	R0597800	**43,08 €**
	D640 Collector elbow	R0597900	**45,19 €**
	D760 Collector elbow	R0598000	**54,64 €**
	D900 Collector elbow	R0598100	**55,69 €**
13	Laterals 400	R0674700	**20,18 €**
	Laterals 520	R0597100	**21,19 €**
	Laterals 640	R0597200	**22,20 €**
	Laterals 760	R0804700	**25,25 €**
	Laterals 900	R0597300	**28,24 €**
14	Air relief tube & nozzle	R0804800	**33,00 €**

MS - Filtre à sable

Spare Parts



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Pressure gauge 1/8”	R0831200	**6,04 €**
2	Complete pressure gauge kit (with T-shape adaptor, seal & air relief)	R0831100	**19,90 €**
3	Lid collar and nuts kit	R0831300	**18,72 €**
4	Lid collar	R0831600	**22,69 €**
5	Transparent lid + Oring kit	R0831500	**30,76 €**
	Black lid + Oring	R0842400	**30,50 €**
6	Lid Oring	R0831400	**5,18 €**
7	20-bolts neck ring kit	R0831700	**79,18 €**
8	Filter base D470/530	R0831800	**40,20 €**
	Filter base D650	R0832000	**51,50 €**
	Filter base D800	R0832100	**70,25 €**
	Filter base D950	R0832200	**143,75 €**
9	Water drain 3/8”	R0832300	**8,02 €**
10	Sand & water double drain	R0832400	**50,75 €**
11	2” fitting + Oring	R0832600	**11,15 €**
	1 ½” fitting + Oring	R0832500	**10,25 €**
12	1 ½” Classic multiport valve kit (with plumbing)	09758	**93,75 €**
	2” Classic multiport valve kit (with plumbing)	14904	**147,80 €**
13	Manifold arms assembly D470/530	R0835200	**11,77 €**
	Manifold arms assembly D650	R0835300	**12,29 €**
	Manifold arms assembly D800	R0835400	**19,61 €**
	Manifold arms assembly D950	R0835500	**36,65 €**
14	Manifold assembly kit D470	R0832900	**43,50 €**
	Manifold assembly kit D530	R0833000	**44,75 €**
	Manifold assembly kit D650	R0833100	**45,75 €**
	Manifold assembly kit D800	R0833200	**71,00 €**
	Manifold assembly kit D950	R0833300	**90,00 €**
15	Air purge + 670mm pipe kit D470>800	R0835600	**3,50 €**
	Air purge + 845mm pipe kit D950	R0835700	**4,47 €**
16	Diffuser assembly kit D470	R0833900	**29,90 €**
	Diffuser assembly kit D530	R0834000	**32,75 €**
	Diffuser assembly kit D650	R0834100	**33,75 €**
	Diffuser assembly kit D800	R0834200	**61,25 €**
	Diffuser assembly kit D950	R0834300	**64,30 €**
17	Cone diffuser D50mm D470>650	R0833700	**10,87 €**
	Cone diffuser D63mm D800>950	R0833800	**17,80 €**

pH Expert / pH Perfect

Spare Parts

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	One way valve	W013001	**31,80 €**
2	pH Buffer solution kit (6x pH 4 and 6x pH 7)	R0824400	**44,00 €**
3	pH sensor S-B with 5 m BNC cable - before 2019	W013048	**81,59 €**
	pH sensor P19 with 3 m BNC cable - starting 2019	R0819800	**130,00 €**
4	Peristaltic tube complete (with connections)	W013004	**21,85 €**
5	500 mA T fuse	W013005	**6,70 €**
6	Peristaltic pump tablet holder	W013007	**18,83 €**
7	Complete anti-emission suction pipe (with cable & tube)	W013008	**87,87 €**
8	Polyethylene correcting fluid injector tube 4x6 mm (5 meters)	R0748200	**12,06 €**
9	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)	R0839500	**7,20 €**
	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product	R0839600	**10,80 €**
10	PVC adapter for injection valve	W013015	**23,37 €**
11	Reinforced sensor holder - before 2014	W013016	**73,95 €**
	Sensor holder P19 - starting 2019	R0824600	**4,32 €**
\	Headless stainless steel screw for power pack hinge	W013020	**1,45 €**
12	pH Perfect electronic card with blue LCD display (> 2008)*	W013022	**301,21 €**
	pH Perfect with Led electronic card (< 2008)	W013012	**309,20 €**
	Filtration interface electronic card (pH Perfect with Led, < 2008)	W013013	**121,44 €**
\	Control panel sticker pH Expert	R0594700	**52,44 €**
	Control panel sticker pH Perfect / thin ribbon cable (≥ 05/2011)	W013038	**52,44 €**
	Empty pH Expert box (front face + rear face only)	R0594900	**124,84 €**
	Empty pH Perfect box (front face + rear face only, ≥ 2008)	W013024	**108,56 €**
13	Complete peristaltic pump motor 1,5 L/h (with casing, ≥ 2008)	W013026	**135,16 €**
	Complete peristaltic pump motor 1,5 L/h (with casing, < 2008)	W013014	**136,89 €**
14	Peristaltic pump protective casing pH Expert	R0595000	**38,35 €**
	Peristaltic pump protective casing pH Perfect (≥ 2008)	W013029	**36,90 €**
15	Stirrup wall-mount kit (stirrup + 2 screws + 2 plugs)	W521131	**13,14 €**
	Stirrup wall-mount kit for casing (stirrup + 2 screws)	W013036	**13,14 €**
\	POD Kit	R0534900	**123,08 €**

* : Control panel sticker replacement with a «thin ribbon cable» model (W013038) is needed if manufacturing date of the unit is below May 2011 (serial nr. < 1120Gxxxxxx).

Chlor Expert / Chlor Perfect

Spare Parts

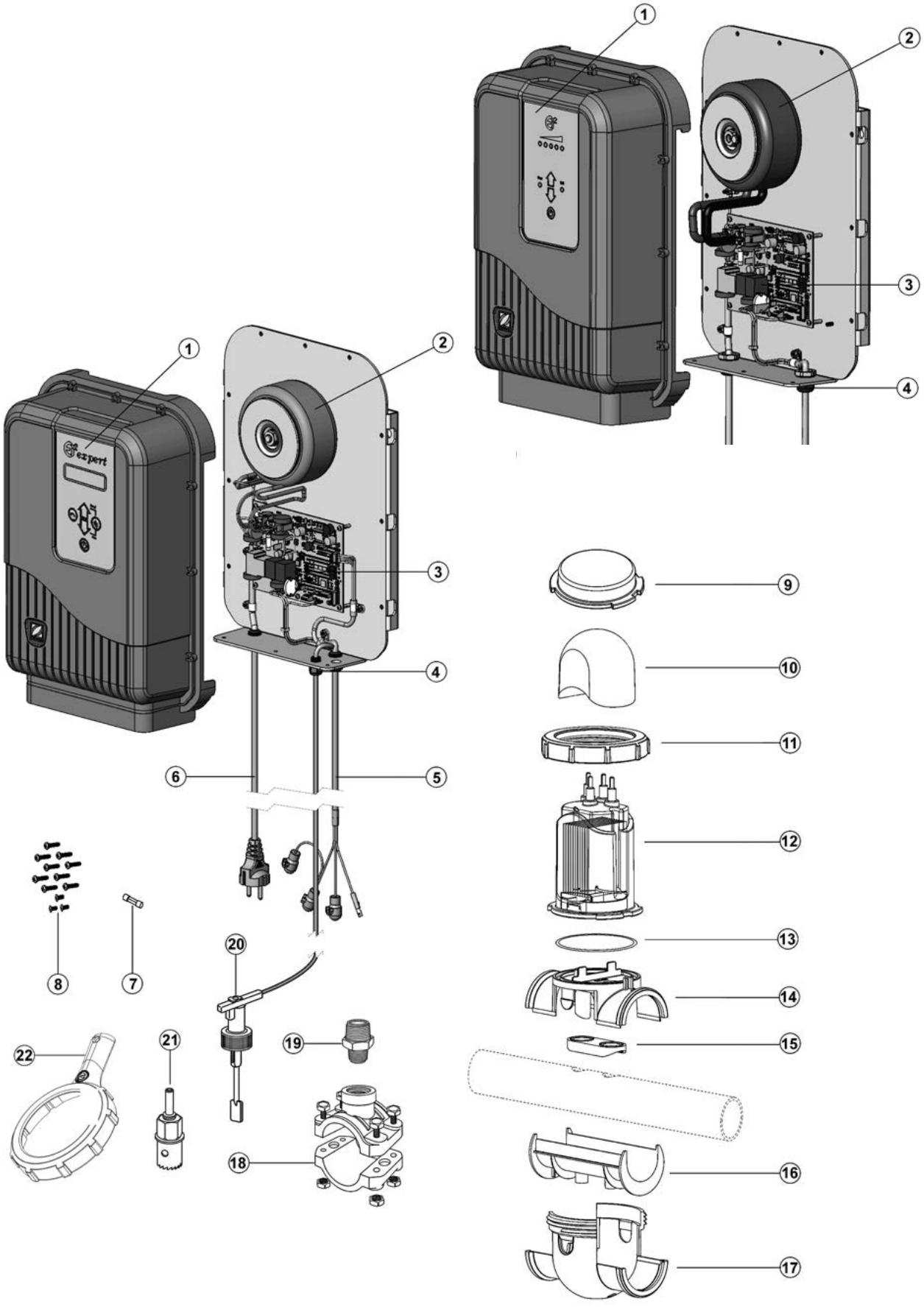
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	One way valve	W013001	**31,80 €**
2	ORP buffer solution kit (6x 470 mV)	R0824500	**22,00 €**
3	ORP sensor S-B with 5 m BNC cable - before 2019	W013047	**111,01 €**
	ORP sensor P19 with 3 m BNC cable - starting 2019	R0819900	**170,00 €**
4	Peristaltic tube complete (with connections)	W013004	**21,85 €**
5	500 mA T fuse	W013005	**6,70 €**
6	Peristaltic pump tablet holder	W013007	**18,83 €**
7	Complete anti-emission suction pipe (with cable & tube)	W013008	**87,87 €**
8	Polyethylene correcting fluid injector tube 4x6 mm (5 meters)	R0748200	**12,06 €**
9	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)	R0839500	**7,20 €**
	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product	R0839600	**10,80 €**
10	PVC adapter for injection valve	W013015	**23,37 €**
11	Reinforced sensor holder - before 2014	W013016	**73,95 €**
	Sensor holder P19 - starting 2019	R0824600	**4,32 €**
\	Headless stainless steel screw for control unit hinge	W013020	**1,45 €**
12	Chlor Perfect electronic card with orange LCD screen	W013032	**301,21 €**
\	Chlor Expert control panel sticker	R0594800	**52,44 €**
	Chlor Perfect control panel sticker (from 2012)	W013033	**52,44 €**
	Empty Chlor Perfect box	R0594900	**124,84 €**
	Empty Chlor Perfect box (front face + rear face only)	W013024	**108,56 €**
13	Complete peristaltic pump motor 1,5 L/h (with casing)	W013026	**135,16 €**
	Complete peristaltic pump motor 5 L/h (with casing)*	W013034	**144,97 €**
14	Peristaltic pump protective casing Chlor Expert	R0595000	**38,35 €**
	Peristaltic pump protective casing Chlor Perfect	W013029	**36,90 €**
15	Stirrup wall-mount kit (stirrup + 2 screws + 2 plugs)	W521131	**13,14 €**
	Stirrup wall-mount kit for casing (stirrup + 2 screws)	W013036	**13,14 €**
\	POD Kit	R0534900	**123,08 €**

* : 5 L/h motor is only dedicated to use in big pools (> 100 m3).

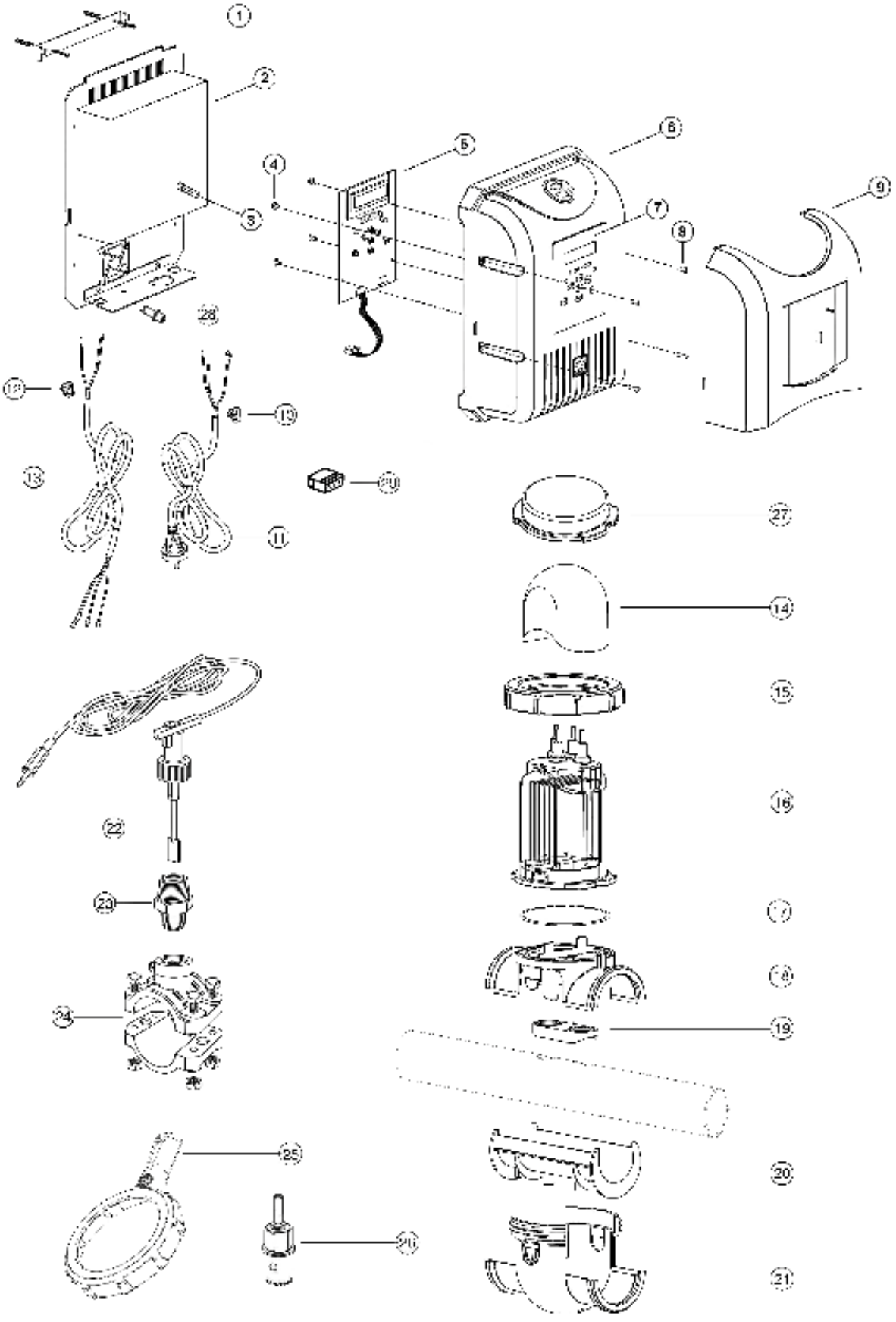
Ei2 & Ei2 Expert

Spare Parts



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

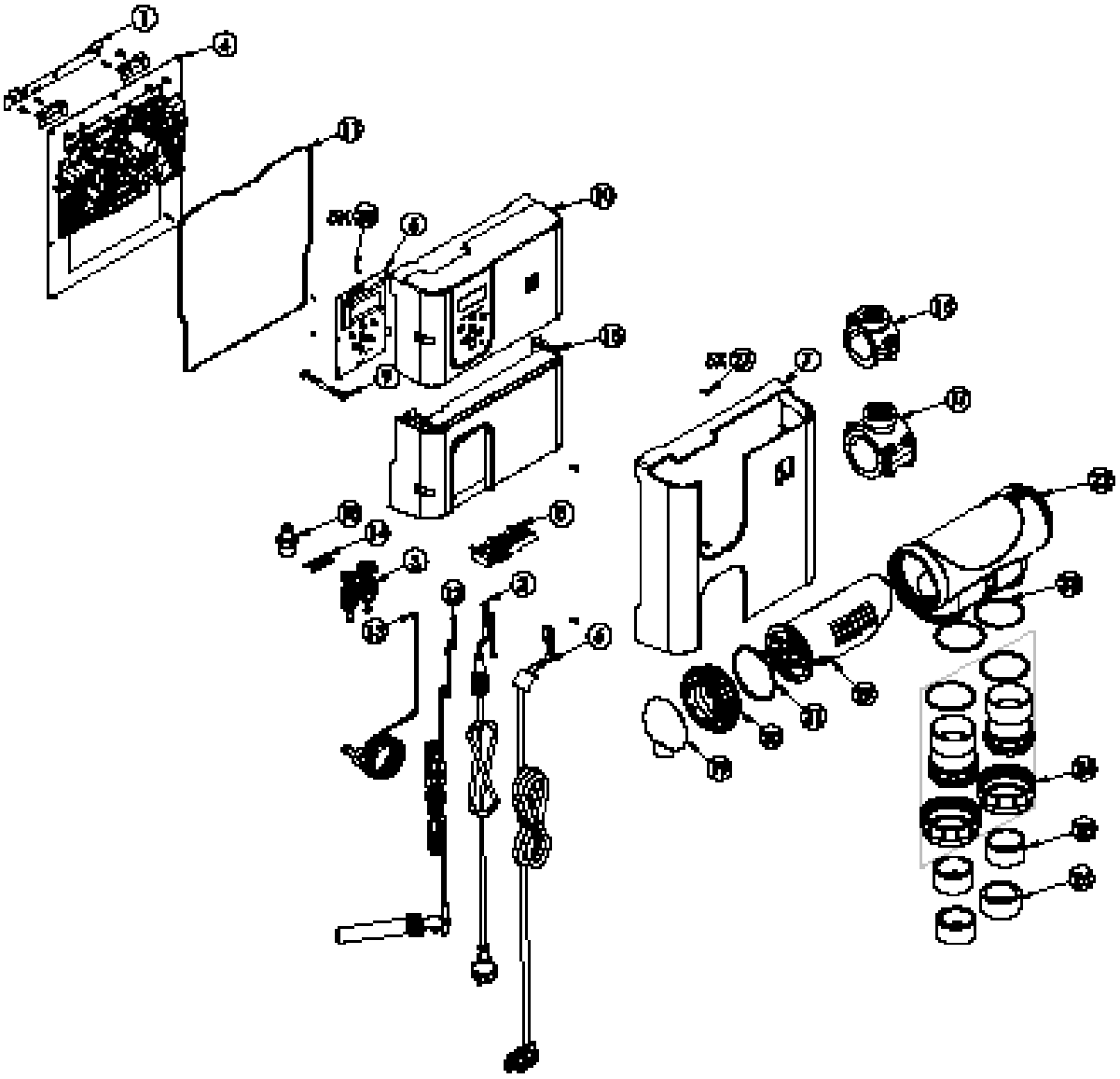
Position	Description	Ei²	Ei² Expert	Price ex VAT
1	Ei² cover assembly with lexan	R0625400	R0625400	**168,72 €**
2	Transformer kit	R0609700	R0609700	**119,38 €**
3	Ei² power PCB (with thermal paste & screws)	R0625600	R0625600	**238,88 €**
4	Ei² cable glands kit (x2)	R0625700	R0625700	**11,04 €**
5	Ei² cell cable	R0609800	R0609800	**56,24 €**
6	Mains supply cable	R0625100	R0625100	**26,48 €**
7	M205 2.5 A T Fuse	W110201	W110201	**2,31 €**
8	Cover screw set (9 x M4/17 & 3 x M4/8)	R0609400	R0609400	**9,55 €**
9	Winterizing cap for cell	R0770100	R0770100	**12,11 €**
10	Cell cap	R0768000	R0768000	**32,60 €**
11	Electrode tightening ring	R0768200	R0768200	**21,07 €**
12	Complete Ei² 12 electrode	R0673600		**245,78 €**
	Complete Ei² 20 electrode	R0673700		**362,80 €**
	Complete Ei² 25 electrode	R0759000		**414,83 €**
	Complete GenSalt OE 10 electrode		R0758800	**232,76 €**
	Complete GenSalt OE 17 electrode		R0758900	**349,80 €**
	Complete Ei² 25 electrode		R0759000	**414,83 €**
13	Electrode O-ring	R0738500	R0738500	**4,90 €**
14	Saddle clamp top	R0767900	R0767900	**8,81 €**
15	Flat hose joint DN50 mm & DN63 mm (EU)	R0769700	R0769700	**10,23 €**
	Flat hose joint 1 ½" (UK)	R0767800	R0767800	**13,07 €**
16	EU pipe adapter (DN50 mm)	R0770000	R0770000	**3,63 €**
	UK pipe adapter (1 ½")	R0770200	R0770200	**3,63 €**
17	Saddle clamp top	R0768400	R0768400	**8,81 €**
18	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)		R0839500	**7,20 €**
	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product		R0839600	**10,80 €**
19	3/4"x1/2" adapter for flow switch		R0797200	**6,66 €**
20	Ei² Expert flow switch		R0773400	**73,22 €**
21	Hole saw 22 mm for pipe drilling	R0797300	R0797300	**12,31 €**
22	Locking ring wrench (not included in the pack)	R0769900	R0769900	**19,20 €**



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

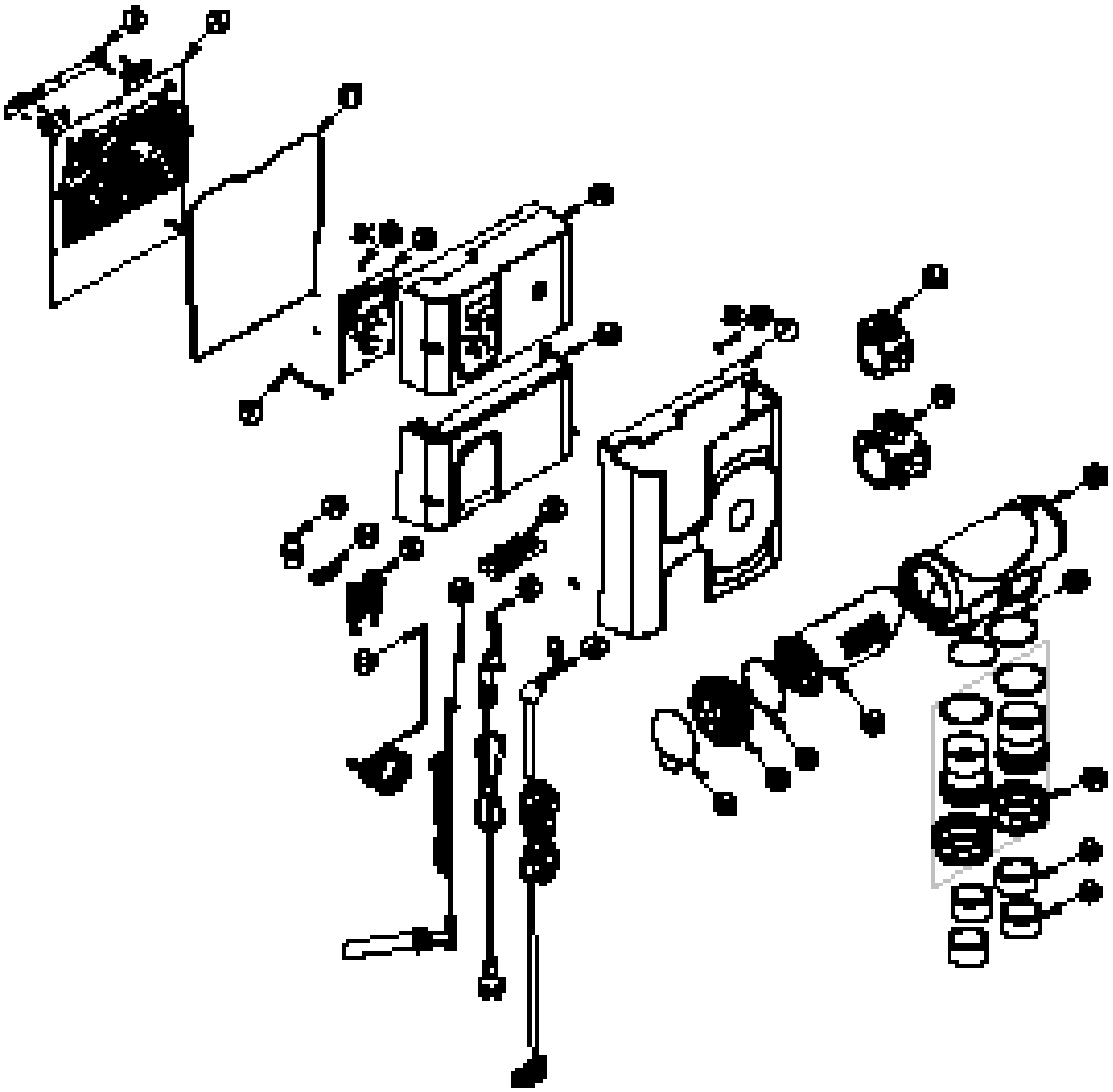
Position	Description	Reference	Price ex VAT
1	Wall mount kit w/ screws	W012781	12,19 €
2	Power supply set (aluminium chasis + card + ventilator)	W083073	250,46 €
3	M205 3.15 A T Fuse	W110091	2,14 €
4	4x¼" fixing screws for electronic board	R0743400	1,01 €
5	Control PCB	W083061	168,97 €
6	Ei control unit plastic cover - 1 piece complete	W043590*	28,69 €
	Ei control unit plastic cover / top part	W043591	29,14 €
	Ei control unit plastic bottom rail	W043592	3,64 €
7	Ei control panel sticker	W177000	12,66 €
8	M3x12 mm fixing screws for Ei plastic cover	W001481	0,22 €
9	Ei upper cover silver	W043780**	27,09 €
10	Cable grip for mains power supply	W001371	0,90 €
11	Mains supply cable with EU plug	W052650	39,19 €
12	Cable grip for cell power supply	R0768100	1,31 €
13	Complete Ei cell power supply cable	R0740300	61,73 €
14	Cell cap	R0768000	32,60 €
15	Electrode tightening ring	R0768200	21,07 €
16	Complete Ei 10 electrode	R0758800	232,76 €
	Complete Ei 17 electrode	R0758900	349,80 €
	Complete Ei 25 electrode	R0759000	414,83 €
17	Electrode O-ring	R0738500	4,90 €
18	Saddle clamp top	R0767900	8,81 €
19	Flat hose joint 1 ½" (UK)	R0767800	13,07 €
	Flat hose joint DN50 mm & DN63 mm (EU)	R0769700	10,23 €
20	UK pipe adapter (1 ½")	R0770200	3,63 €
	EU pipe adapter (DN50 mm)	R0770000	3,63 €
21	Saddle clamp bottom	R0768400	8,81 €
22	Complete flow switch (+ cable and jack 3.5 mm)	R0737500	89,94 €
23	3/4"x1/2" adapter for flow switch	R0797200	6,66 €
24	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)	R0839500	7,20 €
	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product	R0839600	10,80 €
25	Locking ring wrench (not included in the pack)	R0769900	19,20 €
26	Hole saw 22 mm for pipe drilling	R0797300	12,31 €
27	Winterizing cap for cell	R0770100	12,11 €
28	3.5 mm female plug jack	R0749600	9,36 €
29	4-way cable connector	R0737900	7,26 €

* : Available while stock lasts. Replaced by 2 parts W043591 & W043592.
** : Available while stock lasts. Will be replaced by W043600 (same part with different finish).



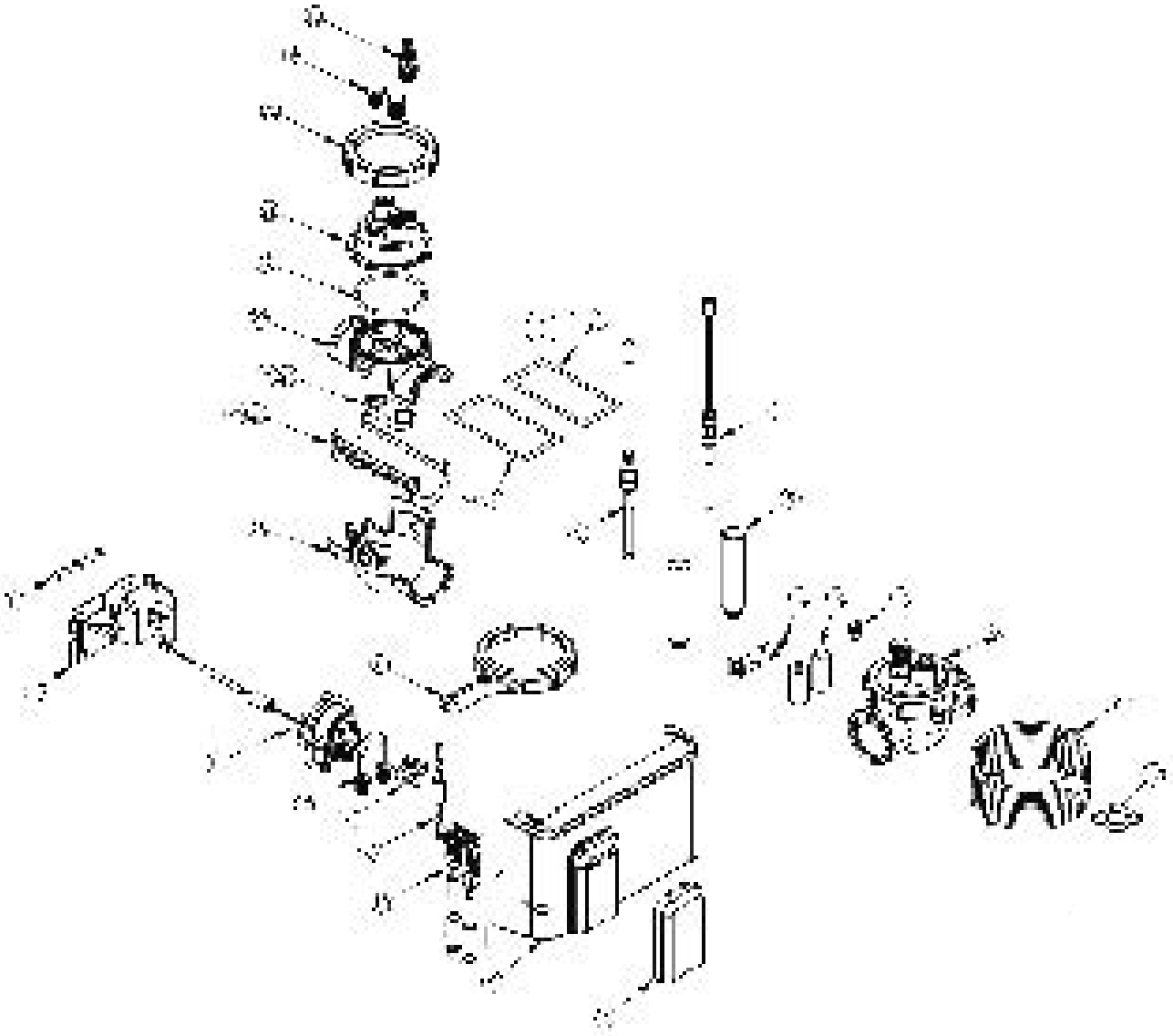
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Wall mount kit w/ screws	R0821100	**16,86 €**
2	Device power cord	R0821200	**41,24 €**
3	Cable gland kit	R0821600	**12,64 €**
4	Power supply electronic card eXO® iQ / eXO® iQ LS	R0821700	**339,00 €**
5	HMI Wi-Fi control card	R0822300	**229,00 €**
6	Cell cable	R0822500	**65,39 €**
7	eXO® iQ black cover	R0822700	**27,26 €**
	eXO® iQ LS blue cover	R0822800	**27,26 €**
8	Soft grommet	R0823000	**4,37 €**
9	HMI control card cable	R0823100	**12,18 €**
10	eXO® iQ / eXO® iQ LS grey upper housing	R0823200	**64,19 €**
11	Chassis O-ring	R0823600	**5,43 €**
12	Flow switch with connector	R0823800	**65,27 €**
13	Temperature sensor kit (with 4,5 m cable + O-ring + stainless steel collar)	R0823900	**92,59 €**
14	Ground connection kit (x5)	R0824000	**6,40 €**
15	eXO® iQ / eXO® iQ LS grey lower housing	R0824200	**56,51 €**
16	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)	R0839500	**7,20 €**
17	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product	R0839600	**10,80 €**
18	3/4"x1/2" adapter for flow switch	R0797200	**6,66 €**
19	eXO® iQ cell protective cap grey	R0740800	**4,95 €**
	eXO® iQ LS cell protective cap blue	R0742300	**8,38 €**
20	Electrode tightening ring	R0740600	**12,88 €**
21	Electrode O-ring (x2)	R0739000	**1,80 €**
22	Empty cell body	R0740200	**66,14 €**
23	Barrel union Oring (x2)	R0737700	**6,65 €**
24	Barrel union set for TRi DN63 mm / 2"'	R0748700	**39,26 €**
25	PVC DN50 mm adapter to glue	R0768600	**2,90 €**
26	PVC 1 ½ " adapter to glue (UK)	R0770300	**2,90 €**
27	Screws 4*12 mm (x5)	R0516700	**1,37 €**
28	Screws 2,2*6,5 mm (x5)	R0564500	**1,36 €**
29	Complete eXO® iQ 10 electrode	R0635200	**336,80 €**
	Complete eXO® iQ LS 10 electrode	R0635200	**336,80 €**
	Complete eXO® iQ 18 electrode	R0635201	**388,81 €**
	Complete eXO® iQ LS 18 electrode	R0635201	**388,81 €**
	Complete eXO® iQ 22 electrode	R0635202	**492,84 €**
	Complete eXO® iQ 35 electrode	R0635203	**609,88 €**



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Wall mount kit w/ screws	R0821100	**16,86 €**
2	Device power cord	R0821200	**41,24 €**
3	Cable gland kit	R0821600	**12,64 €**
4	Power supply electronic card Hydroxinator® iQ	R0821800	**339,00 €**
5	HMI Wi-Fi control card	R0822300	**229,00 €**
6	Cell cable	R0822500	**65,39 €**
7	Hydroxinator® iQ cover	R0822900	**26,76 €**
8	Soft grommet	R0823000	**4,37 €**
9	HMI control card cable	R0823100	**12,18 €**
10	Hydroxinator® iQ grey upper housing	R0823300	**69,29 €**
11	Chassis O-ring	R0823600	**5,43 €**
12	Flow switch with connector	R0823800	**65,27 €**
13	Temperature sensor kit (with 4,5 m cable + O-ring + stainless steel collar)	R0823900	**92,59 €**
14	Ground connection kit (x5)	R0824000	**6,40 €**
15	Hydroxinator® iQ grey lower housing	R0824300	**57,68 €**
16	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)	R0839500	**7,20 €**
17	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product	R0839600	**10,80 €**
18	3/4"x1/2" adapter for flow switch	R0797200	**6,66 €**
19	Hydroxinator®® cell protective cap blue	R0742300	**8,38 €**
20	Electrode tightening ring	R0740600	**12,88 €**
21	Electrode O-ring (x2)	R0739000	**1,80 €**
22	Empty cell body	R0740200	**66,14 €**
23	Barrel union Oring (x2)	R0737700	**6,65 €**
24	Barrel union set for TRi DN63 mm / 2"'	R0748700	**39,26 €**
25	PVC DN50 mm adapter to glue	R0768600	**2,90 €**
26	PVC 1 ½ " adapter to glue (UK)	R0770300	**2,90 €**
27	Screws 4*12 mm (x5)	R0516700	**1,37 €**
28	Screws 2,2*6,5 mm (x5)	R0564500	**1,36 €**
29	Complete Hydroxinator® 10 electrode	R0635200	**336,80 €**
	Complete Hydroxinator® 18 electrode	R0635201	**388,81 €**
	Complete Hydroxinator® 22 electrode	R0635202	**492,84 €**
	Complete Hydroxinator® 35 electrode	R0635203	**609,88 €**

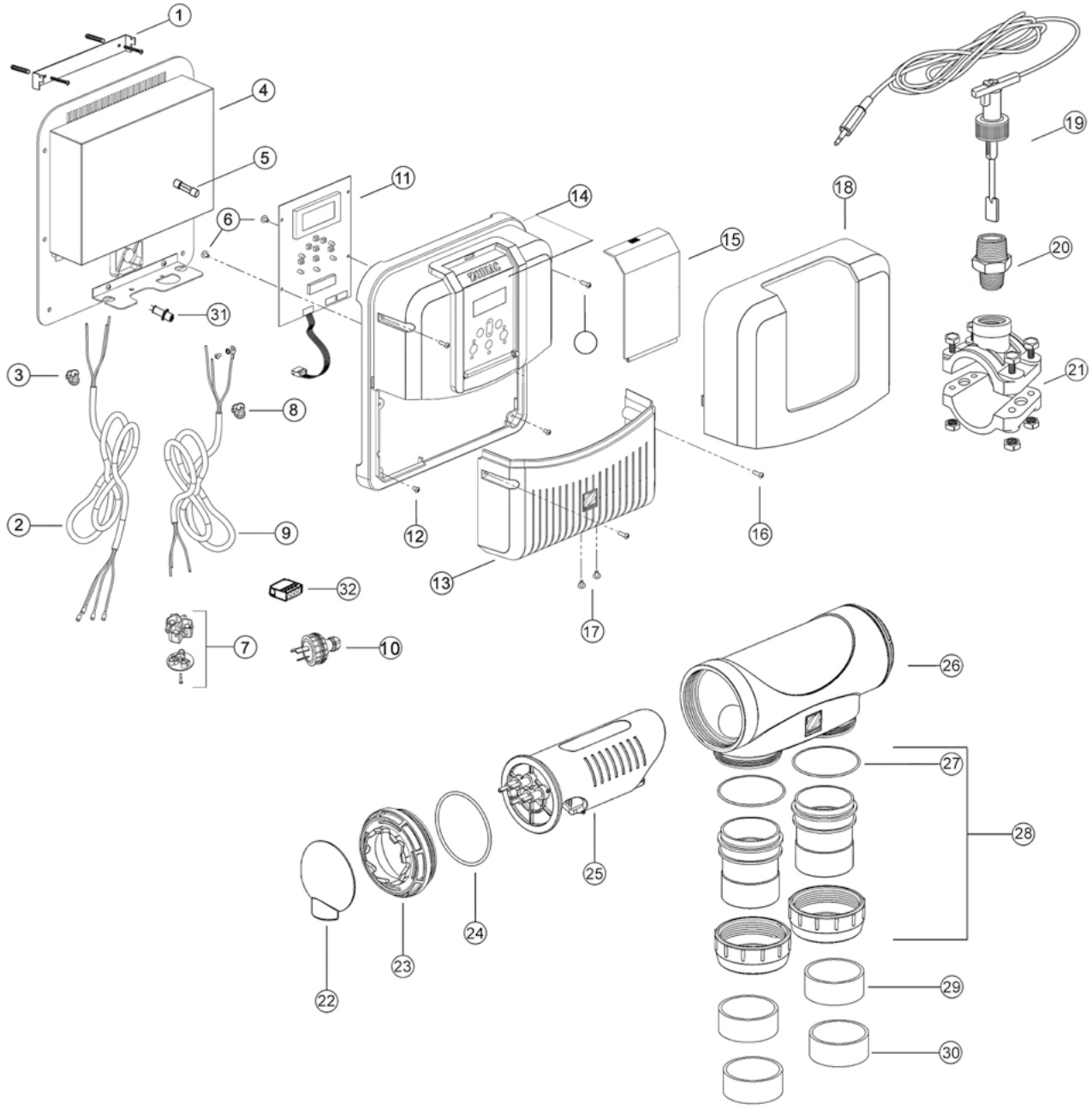


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	pH Buffer solution kit (6x pH 4 and 6x pH 7)	R0824400	**44,00 €**
2	ORP buffer solution kit (6x 470 mV)	R0824500	**22,00 €**
3	pH sensor P19 with 3 m BNC cable	R0819800	**130,00 €**
4	ORP sensor P19 with 3 m BNC cable	R0819900	**170,00 €**
5	Sensor holder P19 - after 2019	R0824600	**4,32 €**
6	Module electronic card cable	R0824700	**14,14 €**
7	Peristaltic pH pump roller	R0824800	**nous contacter**
8	Complete peristaltic pH pump	R0824900	**149,00 €**
9	pH Link module lower housing	R0825000	**53,32 €**
	Dual Link module lower housing	R0825100	**53,32 €**
10	pH Link module electronic card	R0825200	**89,00 €**
	Dual Link module electronic card	R0825300	**159,00 €**
11	Module back cover	R0825400	**13,40 €**
12	Peristaltic pump head with hose (with connectors) modules 2019	R0825600	**nous contacter**
13	pH pump translucent window	R0825700	**8,35 €**
14	Screws 4*12 mm (x5)	R0516700	**1,37 €**
15	Hole saw 22 mm for pipe drilling	R0797300	**12,31 €**
16	Ceramic counter-weight	R0741200	**21,47 €**
17	Ceramic counter-weight retaining nozzle for suction hose	R0797100	**4,49 €**
18	Injection check valve - ½ ”	R0738100	**39,91 €**
19	Threaded plug ½” (+ oring)	R0740500	**4,66 €**
20	POD tightening ring	R0768200	**21,07 €**
21	POD (+ threaded adapter for flow detector)	R0749000	**51,24 €**
22	Ei electrode O-ring	R0738500	**4,90 €**
23	Saddle clamp top	R0767900	**8,81 €**
24	Flat hose joint DN50 mm & DN63 mm (EU)	R0769700	**10,23 €**
25	Flat hose joint 1 ½” (UK)	R0767800	**13,07 €**
26	EU pipe adapter (DN50 mm)	R0770000	**3,63 €**
27	UK pipe adapter (1 ½”)	R0770200	**3,63 €**
28	Saddle clamp bottom	R0768400	**8,81 €**
29	POD Kit	R0534900	**123,08 €**
30	Polyethylene correcting fluid injector tube 4x6 mm (5 meters)	R0748200	**12,06 €**
31	Locking ring wrench (not included in the pack)	R0769900	**19,20 €**
32	O-ring kit (pH/POD cork o-ring x 2 & P19 sensor holder o-ting x2)	R0830700	**6,33 €**
33	Complete anti-emission suction pipe	R0808000	**60,18 €**

TRi Expert / TRi Expert LS / TRi

Spare Parts

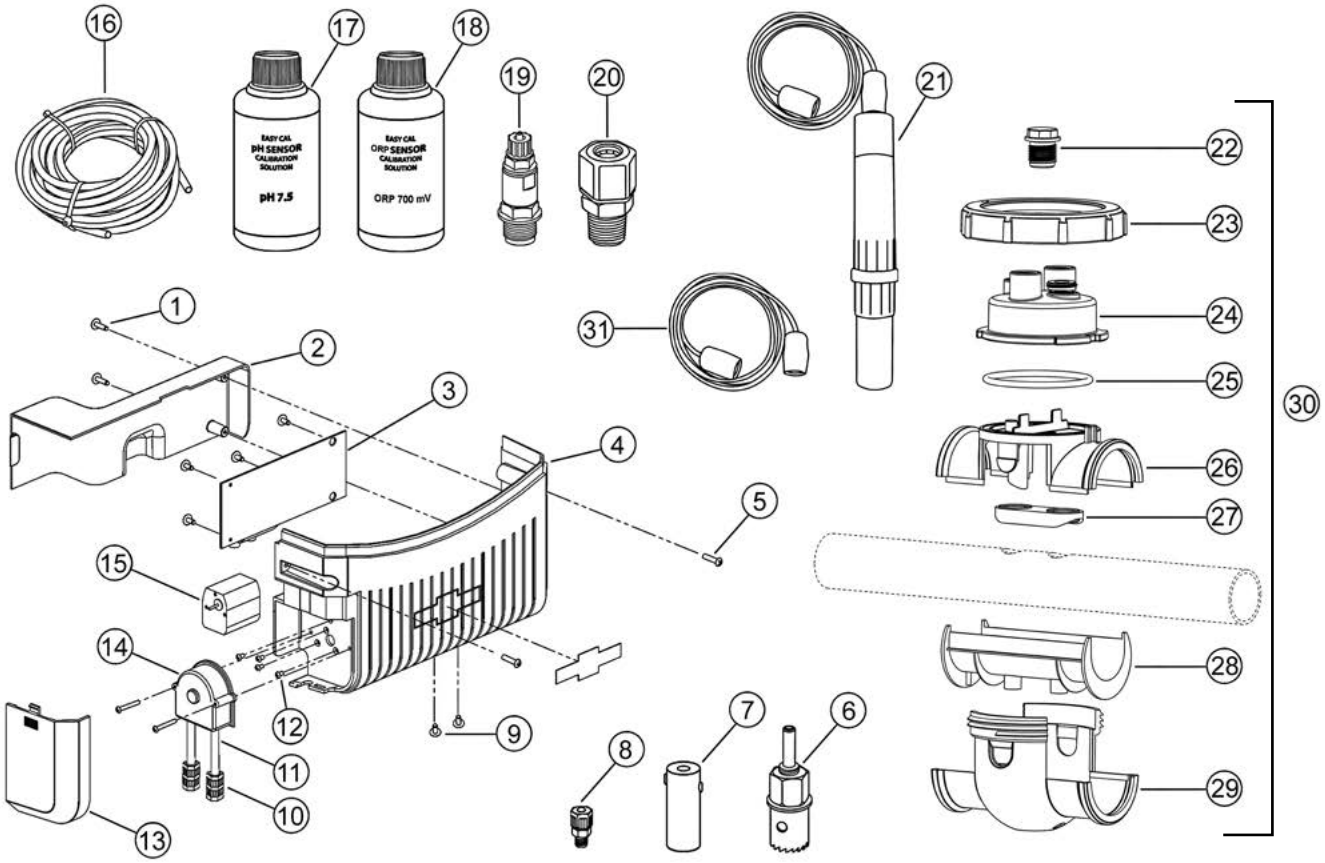


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Wall mount kit w/ screws	R0740700	13,15 €
2	Complete cell mains supply cable	R0740300	61,73 €
3	Cable grip for cell power supply	R0768100	1,31 €
4	Power supply set (aluminium chasis + card + ventilator)	W082981	275,36 €
5	M205 2.5 A T Fuse	W110201	2,31 €
6	4x¼" fixing screws for electronic board (x4)	R0743400	1,01 €
7	"AUS" female type plug	R0741300	5,06 €
8	Cable grip for mains power supply	R0742900	2,72 €
9	Mains supply cable	R0741501	26,20 €
10	Male 3 pin plug "AUS" type	R0768700	13,52 €
11	Control PCB	W082993	193,36 €
12	M4x6 mm lower fixing screw for main cover (x4)	R0741400	0,66 €
13	Lower cover for standard TRi	R0742500	25,09 €
14	Main cover for control unit with TRi with control panel label (blue & yellow)	R0743204	60,73 €
	Main cover for control unit with TRi with black control panel label	R0743203	54,37 €
	Main cover for control unit with TRi LS with black control panel label	R0743205	54,37 €
15	Transparent plexi protection cover for control panel	R0741800	7,19 €
16	M4x20 mm fixing screws for covers (box and lower cover) (x4)	R0743000	1,01 €
17	M3x5 mm fixing screws for lower plate (x2)	R0742400	0,81 €
18	Silver TRi housing cover	R0744100	33,13 €
	Black TRi Expert housing cover	R0741000	37,04 €
19	Complete flow switch (+ cable and jack 3.5 mm) - before 2017	R0737500	89,94 €
	Complete flow switch (+ cable) - after 2017	R0792800	89,94 €
20	3/4"x1/2" adapter for flow switch	R0797200	6,66 €
21	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)	R0839500	7,20 €
	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product	R0839600	10,80 €
22	TRi cell protective cap	R0740800	4,95 €
23	Electrode tightening ring	R0740600	12,88 €
24	Electrode O-ring (x2)	R0739000	1,80 €
25	Complete TRi 10 electrode	R0758400	310,79 €
	Complete TRi LS 10 electrode	R0806300	466,84 €
	Complete TRi 18 electrode	R0758500	362,80 €
	Complete TRi LS 18 electrode	R0806400	596,88 €
	Complete TRi 22 electrode	R0758600	466,84 €
	Complete TRi 35 electrode	R0758700	596,88 €
26	Empty TRi cell body	R0740200	66,14 €
27	Barrel union Oring (x2)	R0737700	6,65 €
28	Barrel union set for TRi DN63 mm / 2"'	R0748700	39,26 €
29	PVC DN50 mm adapter to glue	R0768600	2,90 €
30	PVC 1 ½ " adapter to glue (UK)	R0770300	2,90 €
31	3.5 mm female plug jack	R0749600	9,36 €
32	4-way cable connector (x2)	R0737900	7,26 €

TRi pH, TRi PRO, pH Link et Dual Link

Spare Parts

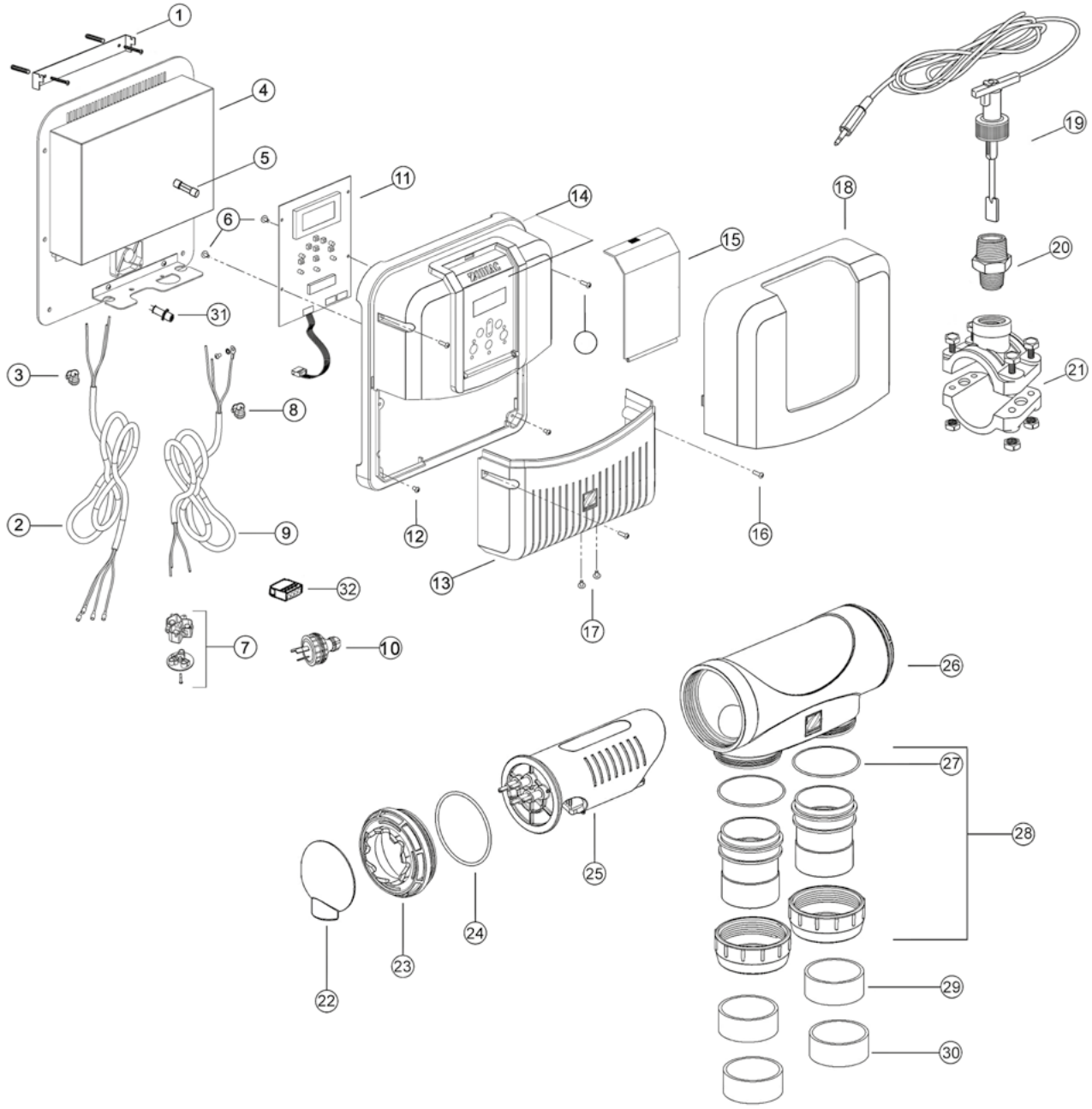


ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	4x¼" fixing screws for electronic board (x4)	R0743400	**1,01 €**
2	Module electronic board protection	R0743300	**5,78 €**
3	pH electronic board (TRi pH & pH Link)	W083001	**77,66 €**
	pH & ACL electronic board (TRi PRO & Dual Link)	W083011	**148,24 €**
4	TRi module plastic cover (without sticker)	R0743500	**21,66 €**
5	M4x20 mm fixing screws for Module cover (x4)	R0743000	**1,01 €**
6	Hole saw 22 mm for pipe drilling	R0797300	**12,31 €**
7	Ceramic counter-weight	R0741200	**21,47 €**
8	Ceramic counter-weight retaining nozzle for suction hose	R0797100	**4,49 €**
9	M3x5 mm fixing screws for lower plate (x2)	R0742400	**0,81 €**
10	Peristaltic hose connector (per item: 2 per hose)	R0740400	**19,55 €**
11	Peristaltic hose (no connectors)	R0737300	**21,88 €**
12	M3x6 mm fixing screws for peristaltic pump motor (x4)	R0744200	**1,01 €**
13	Peristaltic pump protection cover	R0742800	**5,90 €**
14	Peristaltic pump head with hose (no connectors)	R0740100	**111,27 €**
15	Peristaltic pump motor	R0750700	**169,76 €**
16	Polyethylene correcting fluid injector tube 4x6 mm (5 meters)	R0748200	**12,06 €**
17	Buffer solution "pH 7.5" (70 mL)	R0800900	**11,22 €**
18	Buffer solution "ORP 700 mV" (70 mL)	R0801000	**14,28 €**
19	Injection check valve - ½ "	R0738100	**39,91 €**
20	Reinforced sensor holder - before 2014	W013016	**73,95 €**
21	Z54H1P-5 pH sensor with 1,5 m armoured BNC cable	R0737600	**81,95 €**
	Z54R1P-5 ACL sensor with 1,5 m armoured BNC cable	R0738600	**131,24 €**
22	Threaded plug ½" (+ oring)	R0740500	**4,66 €**
23	POD tightening ring	R0768200	**21,07 €**
24	POD (+ threaded adapter for flow detector)	R0749000	**51,24 €**
25	Ei electrode O-ring	R0738500	**4,90 €**
26	Saddle clamp top	R0767900	**8,81 €**
27	Flat hose joint DN50 mm & DN63 mm (EU)	R0769700	**10,23 €**
	Flat hose joint 1 ½" (UK)	R0767800	**13,07 €**
28	EU pipe adapter (DN50 mm)	R0770000	**3,63 €**
	UK pipe adapter (1 ½")	R0770200	**3,63 €**
29	Saddle clamp bottom	R0768400	**8,81 €**
30	POD Kit	R0534900	**123,08 €**
31	3 m BNC cable extension for pH & ACL "Z54" sensors	R0635800	**30,77 €**
32	Complete anti-emission suction pipe	R0808000	**60,18 €**

Hydroxinator® before 2019

Spare Parts

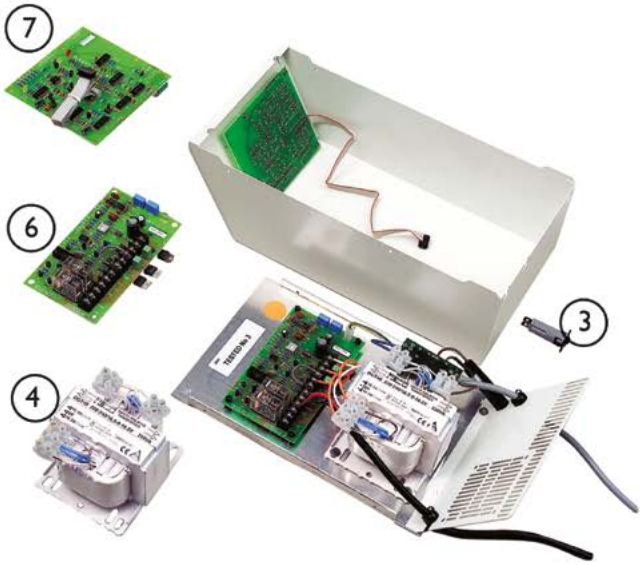


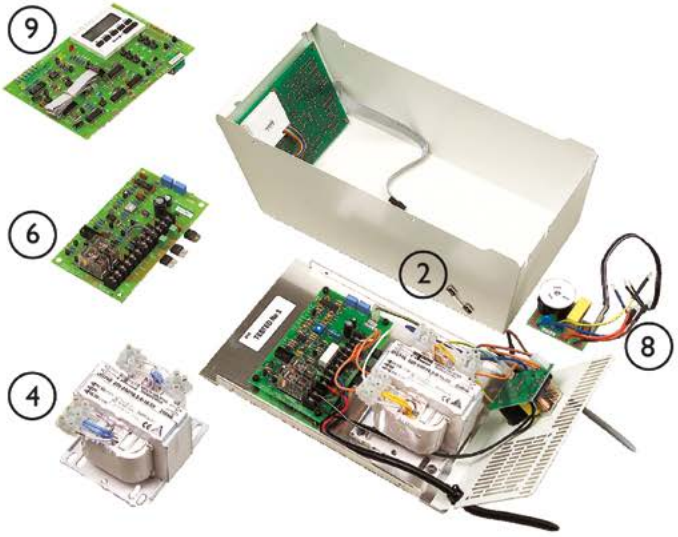
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Wall mount kit w/ screws	R0740700	**13,15 €**
2	Complete cell mains supply cable	R0740300	**61,73 €**
3	Cable grip for cell power supply	R0768100	**1,31 €**
4	Power supply set (aluminium chasis + card + ventilator)	W082981	**275,36 €**
5	M205 2.5 A T Fuse	W110201	**2,31 €**
6	4x¼" fixing screws for electronic board (x4)	R0743400	**1,01 €**
7	"AUS" female type plug	R0741300	**5,06 €**
8	Cable grip for mains power supply	R0742900	**2,72 €**
9	Mains supply cable	R0741501	**26,20 €**
10	Male 3 pin plug "AUS" type	R0768700	**13,52 €**
11	Hydroxinator® control PCB	R0615400	**223,91 €**
12	M4x6 mm lower fixing screw for main cover (x4)	R0741400	**0,66 €**
13	Lower cover for standard TRi	R0742500	**25,09 €**
14	Main cover for control unit with Hydroxynator control panel label	R0743201	**60,73 €**
15	Transparent plexi protection cover for control panel	R0741800	**7,19 €**
16	M4x20 mm fixing screws for covers (box and lower cover) (x4)	R0743000	**1,01 €**
17	M3x5 mm fixing screws for lower plate (x2)	R0742400	**0,81 €**
18	Hydroxinator® blue housing cover	R0742600	**38,10 €**
19	Complete flow switch (+ cable and jack 3.5 mm) - before 2017	R0737500	**89,94 €**
	Complete flow switch (+ cable) - after 2017	R0792800	**89,94 €**
20	3/4"x1/2" adapter for flow switch	R0797200	**6,66 €**
21	Complete DN50 mm saddle clamp (adaptable to 1 ½ '' UK)	R0839500	**7,20 €**
	Complete DN63 mm saddle clamp (adaptable to 2 '' UK) - not included in the product	R0839600	**10,80 €**
22	Hydroxinator® cell protective cap blue	R0742300	**8,38 €**
23	Electrode tightening ring	R0740600	**12,88 €**
24	Electrode O-ring (x2)	R0739000	**1,80 €**
25	Complete Hydroxinator® 10 electrode	R0635200	**336,80 €**
	Complete Hydroxinator® 18 electrode	R0635201	**388,81 €**
	Complete Hydroxinator® 22 electrode	R0635202	**492,84 €**
	Complete Hydroxinator® 35 electrode	R0635203	**609,88 €**
26	Empty TRi cell body	R0740200	**66,14 €**
27	Barrel union Oring (x2)	R0737700	**6,65 €**
28	Barrel union set for TRi DN63 mm / 2"'	R0748700	**39,26 €**
29	PVC DN50 mm adapter to glue	R0768600	**2,90 €**
30	PVC 1 ½ " adapter to glue (UK)	R0770300	**2,90 €**
31	3.5 mm female plug jack	R0749600	**9,36 €**
32	4-way cable connector (x2)	R0737900	**7,26 €**

LM2

Spare Parts





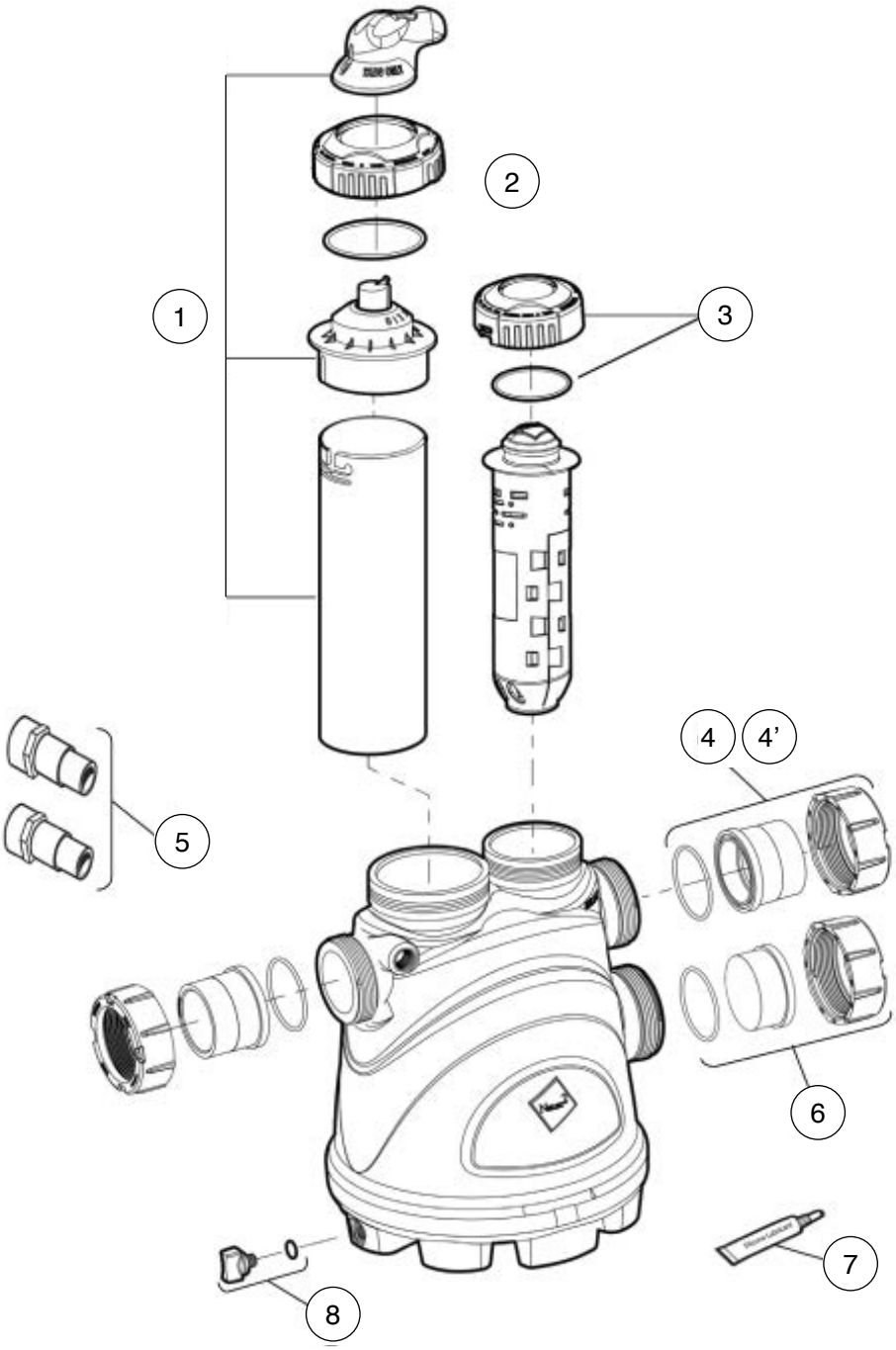
ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
\	LM/D PCB fixing screw (M3X8 mm)	W000351	**0,24 €**
	Insulation kit LM/D Series power PCB	W000651	**1,29 €**
	LM/D Series PCB stand off	W001091	**3,07 €**
	LM Fuse holder 5x20mm	R0769600	**9,92 €**
1	LM/D Series barrel union 1½" (with Oring, UK)	R0748900	**15,49 €**
	LM/D Series barrel union DN50 mm (with Oring)	R0737200	**15,48 €**
2	LM TS 2 A replacement fuse (fits LM1 & D Series)	R0749200	**11,88 €**
3	LM2 S resetable fuse	W111071	**12,17 €**
4	LM2-10, 15 & 24 transformer (220-240 V / 17.5 V)	W130591	**298,14 €**
	LM2-40 transformer (220-240 V / 24 V)	W130421	**312,31 €**
\	Complete LM2 cell mains supply cable (with connectors)	W193201	**46,89 €**
	Empty LM2 cell housing (for after sales operations)	W200701	**66,47 €**
5	Complete LM2-10 Cell	R0759100	**536,59 €**
	Complete LM2-15 Cell	R0759200	**671,33 €**
	Complete LM2-24 Cell	R0759300	**828,96 €**
	Complete LM2-30 Cell	R0759400	**910,25 €**
	Complete LM2-40 Cell	R0759500	**975,25 €**
6	LM2 power PCB	W222091	**176,62 €**
7	LM2 S control PCB	W222111	**166,59 €**
8	LM2 TS pump supply PCB	W222131	**107,17 €**
\	LM2 S mains filter PCB	W222241	**52,95 €**
9	LM2 TS control PCB (manufacturing date > 09/2007)*	W082741	**192,53 €**

* Power PCB must be replaced with a W222091 at the same time if control PCB is replaced on an unit manufactured before September 2007.

Nature² Fusion

Spare Parts



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1	Complete chlorinator	R0502600	**69,02 €**
2	Cartridge locking collar + seal kit	R0502300	**21,61 €**
\	Nature² Fusion seals kit	R0502500	**42,84 €**
3	Cartridge locking collar + seal kit	R0502400	**17,21 €**
4	DN50/63 mm union connection	W380069*	**16,36 €**
4’	2” union connection (UK)	W380070**	**19,45 €**
	PVC 1 ½ ” adapter to glue (UK)	R0770300	**2,90 €**
5	38 mm soft pipe connection kit (with stainless collars)	W380074	**27,98 €**
6	Fusion body and cap set	W380071	**12,85 €**
7	Tube of silicone grease	W13332	**5,13 €**
8	Drain plug (with Oring)	W380073	**4,80 €**

*Available while stock lasts. Will be replaced by R0771400
**Available while stock lasts. Will be replaced by R0771401

Nature² Express

Spare Parts

Position	Description	Reference	Price ex VAT
1	Purifier vessel	W15529	**14,07 €**
2	M8 stainless steel bolt	W69211	**3,85 €**
3	Saddle clamp top 1 ½ ” (DN50 mm) + flat joint	W15527	**16,62 €**
	Saddle clamp top 2 ” (DN63 mm) + flat joint	W15528	**18,54 €**
4	Saddle clamp bottom 1 ½ ” (DN50 mm)	W15524	**14,07 €**
	Saddle clamp bottom 2 ” (DN63 mm)	W15525	**15,72 €**
5	Blind stainless steel nut	W69210	**1,41 €**
	Standard stainless steel nut (UK version)	W69217	**1,32 €**
6	Hole saw Nature² Express	W13331	**12,78 €**

ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

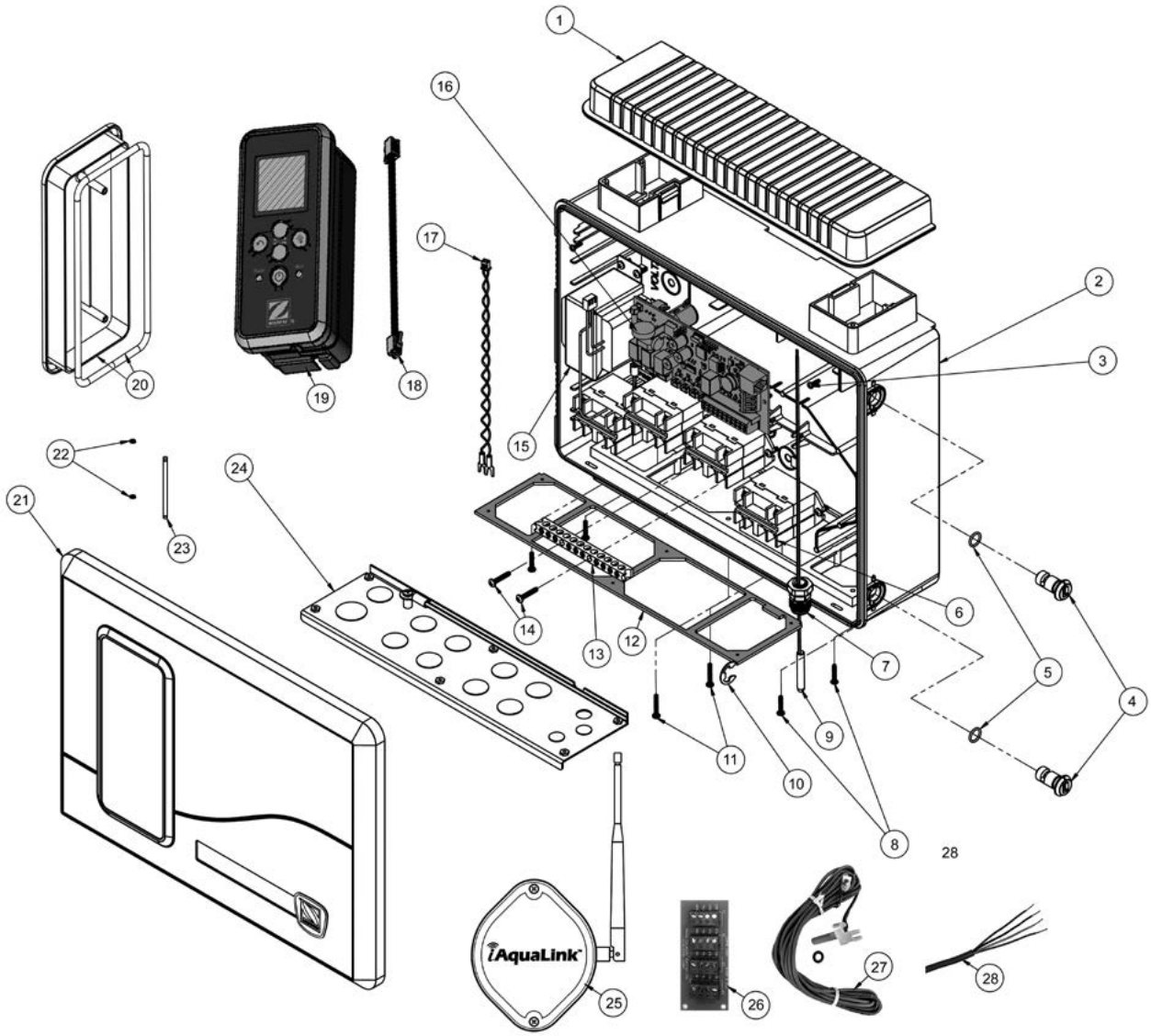
Nature² Pro Plus

Pièces détachées

Position	Description	Reference	Price ex VAT
1	Cartridge purifier collar	W15258	**30,43 €**
2	Monthly indicator ring	W15257	**11,36 €**
3	Cartridge cap Pro A Plus	W15952	**27,25 €**
	Cartridge cap Pro G Plus	W15951	**28,08 €**
4	Cartridge cap Oring	W13064	**8,93 €**
5	Pro A Plus body for after sales (with threaded hose adaptors)	W20007	**290,98 €**
6	DN32/38 hose adaptors	W13002	**8,19 €**
	PVC DN50 mm adapter to glue	R0768600	**2,90 €**
7	Chlorine feeder collar	W15259	**26,90 €**
8	Chlorine feeder cap Pro A Plus	W15953	**18,95 €**
	Chlorine feeder cap Pro G Plus	W15954	**18,40 €**
9	Chlorine feeder cap Oring	W13068	**8,93 €**
10	Regulation dial	W15280	**9,21 €**
\	Pro A Plus drain plug (also replaces Pro G Plus relief valve)	W13042	**1,07 €**

AquaLink® TRi

Spare Parts



ZPCE: recommended sales price valid from 01/01/2019 through 31/12/2019

Position	Description	Reference	Price ex VAT
1 / 2	R-Kit AquaLink TRi enclosure complete (enclosure + cover + 2 screws)	R0569700	**59.50 €**
1 / 3	R-Kit top vent cover (cover + 2 screws)	R0568900	**23.48 €**
4 / 5 / 10	R-Kit door tumblers (2 tumblers + 2 Orings + 2 e-clips)	R0568400	**17.64 €**
6 / 17	R-Ki relay (relay + 24 V wiring)	R0658100	**36.13 €**
7	R-Kit cable glands (2 x M12, 9 x M20 & 1 x M25)	R0569500	**53.00 €**
9	R-Kit air temp sensor (with 5 m cable)	R0568500	**23.48 €**
8 / 11 / 12 / 24	R-Kit metal base plate (plate + seal + 6 screws)	R0569100	**55.17 €**
13 / 14	R-Kit grounding bar (bar + 2 screws)	R0568700	**15.36 €**
15	R-Kit 220-240 VAC / 50 Hz transformer (with fixing screws)	R0569300	**94.97 €**
16	R-Kit main power PCB (with 2 screws)	R0568200	**117.59 €**
18 / 19	R-Kit user interface assembly (enclosure + Oring + control PCB + 2 screws + RJ11 comms cable / Pool only)	R0568300	**208.02 €**
20	R-Kit blanking plate assembly (plate + Oring + metal plate + 2 screws + 5 m comms cable)	R0568600	**46.08 €**
21 / 22 / 23	R-Kit AquaLink TRi door assembly (door + hinge pins + name & brand labels / WITHOUT user interface)	R0569401	**117.59 €**
25	R-Kit iAquaLink iQ20 antenna (with USB cable & screws)	IQ20-E	**215.26 €**
26	R-Kit multiplex board (to be used when more than 2 RS485 cables are connected)	R0570200	**54.09 €**
27	R-Kit water/solar temp sensor (with 15 m cable + Oring + stainless steel collar)	R0570100	**107.63 €**
28	Câble RS485 pour raccordement appareils compatibles iAquaLink™ (au mètre)	W4278+	**8.14 €**
\	R-Kit ø4 x 3/8” screws x6 (for PCB or top vent cover)	R0741700	**3.69 €**
	R-Kit ø6 x 3/8” scrws x12 (for relays or transfomer)	R0741600	**7.04 €**

GENERAL TERMS OF SALE
ZODIAC POOL CARE EUROPE

1 - SCOPE AND DATE OF EFFECT OF THE GENERAL TERMS OF SALE

These general terms of sale (hereinafter the «GTS») apply as of 1 January 2018 and cancel and replace any earlier general terms of sale of Zodiac Pool Care Europe (hereinafter «ZPCE») that may appear in ZPCE documents or have been agreed by any other means.

The GTS apply to all Zodiac Products taken as a whole or in different categories (hereinafter the «Products»), sold by ZPCE to its Customers (hereinafter «Customers») both in mainland France and abroad. ZPCE and its Customer are hereinafter referred to as «the Parties».

The GTS have been drawn up in compliance with the principle of transparency that governs relations between ZPCE and its Customers and form an integral part of the ZPCE price terms. Under article L 441-6 of the French Code of Commerce, these GTS form the basis of commercial negotiation between ZPCE and its Customers and the framework for their business relations. Except in the case of prior, written and express exemption by ZPCE, any order of Products by a Customer from ZPCE, whatever the origin, entails acceptance of the GTS, which cancel any contradictory clause that may be included in the purchasing terms, contracts, documents or correspondence of the Customer.

It is expressly understood that ZPCE is not bound to accept any purchasing terms or demands from the Customer that are abusive, exorbitant or which deviate from the GTS. Under article L 442-6 of the French Code of Commerce, the Customer is prohibited from demanding that ZPCE grant it terms that cause a significant imbalance in the rights and obligations agreed between the Parties under their business agreement.

Under article L 442-6 of the French Code of Commerce, the Customer is also prohibited from demanding that ZPCE align its terms with business terms that the Customer deems more favourable and that it may have granted to other Customers on an individual basis.

2 – OPENING AN ACCOUNT AND TERMS OF CREDIT

Any potential Customer must request the opening of an account with ZPCE prior to placing its first order, in compliance with the procedure in place at ZPCE. When the request is received, an external service company, appointed by ZPCE, will perform a financial analysis of the creditworthiness of the potential Customer. ZPCE reserves the right to refuse to open an account or, subsequently, grant a line of credit to a Customer if the financial information does not satisfy ZPCE criteria for creditworthiness. The Customer may, however, supply ZPCE with supplementary information to the financial analysis performed by the service company and/or provide ZPCE with guarantees in order to open the account.

3 - ORDERS

The information, standards and characteristics specified in ZPCE paper or electronic documentation (catalogue, notices, sheets, leaflets, brochures, mailshots, etc.) are provided for information purposes only. ZPCE reserves the right to make any appropriate changes to the Products, even during the order processing stage, provided that the essential characteristics and performances of the Products remain unaffected.

All orders must be placed in writing (fax and e-mail also acceptable) and must be duly signed by the Customer, specifying the reference(s) of the ordered Product(s).

Orders are only considered final once they have been accepted by ZPCE. If no written reply has been received from ZPCE within twenty-four (24) hours of receiving the order, the order shall be deemed to have been tacitly accepted by ZPCE, subject to strict compliance by the Customer with the GTS provisions. When orders are received after 12 PM, the time period for tacit acceptance begins at 9 AM the following morning. ZPCE reserves the right to refuse any order that contains anomalies or that does not contain sufficient information to fulfil the said order.

The Customer acknowledges that it has sufficient experience and competence to assess its requirements for Products and that it has received the information needed to order Products in full knowledge of the facts. Subsequently, it is the responsibility of the Customer to ensure that the characteristics of the ordered Products correspond both to the performance and implementation for the use for which they are intended.

All orders are irreversible once acknowledged by ZPCE and no cancellations or modifications can be made after receipt of the order acknowledgement issued by ZPCE. Subsequently, any cancellation or modification of the order by the Customer incurs customer liability and obliges the Customer to compensate ZPCE for its disbursements and lost profit on the Products manufactured or those Products being manufactured.

The Customer can place Orders with ZPCE in a number of ways: By sending a letter, e-mail or fax to ZPCE; For pre-season orders:

- By direct order via a remote order system. An acknowledgement of receipt is created and sent to the Customer by e-mail;
- By letter, e-mail or fax.

4 - PRICES

The Products are invoiced at the price in force on the date on which ZPCE issues the order confirmation. Prices are in Euros and do not include VAT.

France: Shipping costs will be invoiced in accordance with the scale in force on the date on which ZPCE issues the order confirmation.

Export: All issues regarding shipping costs, insurance, customs duties and risk transfer shall be regulated by the Incoterm (ICC 2010 version) applicable to the sale agreed between the Customer and ZPCE. The sending of prices does not constitute a firm offer on the part of ZPCE.

ZPCE reserves the right to modify its prices at any time, without warning, in the event of it becoming more costly for ZPCE to fulfil its obligations, such as in the event of changes to economic conditions. In particular, this includes increases in the cost of raw materials taken into account when calculating the cost price of a product, employee costs, transport costs or taxes generated. ZPCE can also modify its price list at any time, provided six (6) weeks' notice is given. These price modifications are applicable in accordance with article L 442-6, I, 12 of the French Code of Commerce. In addition to this price, in France there is a «visible contribution» to the eco-contribution set by the current official scale of tariffs (see Article 16).

5 - DELIVERY TERMS AND SCHEDULE

If the delivery is DAP (ICC Incoterm 2010, formerly DDU), ZPCE shall manage and organise transport. The delivery deadline shall be understood to refer to reception of the Products at the Customer's premises and the Customer shall be responsible for ensuring that the delivered Products are compliant and present in their entirety.

ZPCE and the Customer may, however, decide that the Products shall be delivered under the regime of another Incoterm (CCI version 2010). In this case, the Incoterm shall set out the method and cost of transport, payment of customs duties and the time of transfer of risk for the Products. If the chosen Incoterm implies that ZPCE is responsible and bears the risk of the Products, ZPCE shall freely organise carriage of the Products. ZPCE shall not be liable in the case of partial or total failure, whether temporary or permanent, to complete an order where the cause for said failure is beyond its control due to the seasonal nature of the Products, in particular the inability to operate the company under normal conditions, the lack of materials required for manufacture and the inability to deliver or arrange delivery. This shall not result in the cancellation or refusal of orders in progress, or reconsideration of the price, or deductions, compensation or penalties of any kind. ZPCE may make full or partial deliveries. In the event of a partial delivery, each delivery shall be considered a full sale for which payment is due.

Delivery schedule:

Failure to comply with the delivery schedule shall not in any event result in cancellation of the order. In the event of an unusually high number of Products being ordered by the Customer, namely an increase of over 15% in the number of Products ordered during the same month of the previous year, ZPCE reserves the right to modify the delivery schedule and shall notify the Customer of this change. In addition, ZPCE shall not be liable for any delays in delivery due to an unusually high order. In this context, the Customer may not demand any late delivery penalties.

6 - TRANSFER OF RISK

Transfer of risk shall take place according to the Incoterm (ICC version 2010) chosen by the Customer and ZPCE.

Therefore, from the time at which the risk is transferred to the Customer, according to the chosen Incoterm, the Customer shall bear the cost of any damage that the products may suffer or cause, for whatever reason, even in cases of force majeure, unforeseeable circumstances or due to third-party action. Consequently the liability of ZPCE may not be invoked beyond the time at which the risk is transferred to the Customer, as defined in the chosen Incoterm (ICC version 2010).

The Customer must therefore take out an insurance policy covering the risks borne by the Products from the time of the transfer of risk and notify ZPCE as soon as possible of any event that may affect the insurance policy.

7 - COMPLIANCE – ACCEPTANCE

The condition, compliance, absence of visible defects and the number of Products must be verified by the Customer during the risk transfer at the time when the chosen Incoterm (ICC version 2010) indicates that the risk transfers to the Customer.

The costs and risks involved in verifying the Products are the responsibility of the Customer. Any claim, reservation or dispute regarding any missing and/or damaged items and/or defects and/or anomalies must be recorded on the documents supplied during the transfer of risk (for example, on the delivery note or CMR in the presence of the driver and notified by registered mail with acknowledgement of receipt to both the haulage company and ZPCE within 3 (three) working days of the delivery of the Products).

The Customer must prove the existence of any missing or damaged items, defects or anomalies concerning the Products. ZPCE reserves the right to make any on-site verifications either directly or via a representative or subcontractor. Any wording such as «subject to verification» or «pallets or boxes intact, but Products damaged» shall not be taken into account. The liability of ZPCE, within the context of the aforementioned reservations, is strictly limited to reimbursement of the disputed Products, at their invoiced price, or their exchange, and excludes any further compensation. In the absence of any reservation or claim formulated by the Customer in accordance with the stipulations of this Article, the Products sent during the transfer of risk shall be deemed compliant.

8 - GUARANTEES

Principles

Unless stipulated otherwise, ZPCE provides a contractual guarantee for the proper functioning of new Products. ZPCE guarantees that the Products meet their technical specifications and are exempt from any material or manufacturing faults, as well as guaranteeing that they correspond to developments in techniques and best industry practice in effect at the time at which said Products are marketed. Any later alterations made to the Products by the Customer (improvements or alterations to technologically advance the Product) are not covered by the guarantee.

In all events, this guarantee is limited, at the convenience of ZPCE, to either the repair of the Product, or exchange for a new or reconditioned product, or reimbursement of any Products that are acknowledged as faulty by ZPCE. Shipping and dispatch costs of repaired Products or Products replaced and delivered to ZPCE Customers shall be paid by ZPCE. Labour, travel and/or accommodation costs incurred by ZPCE for repairs performed in France and outside mainland France are excluded. The terms of guarantee formally exclude any additional compensation. Any Product returns must first be decided upon and accepted by ZPCE. No returns made on the initiative of the Customer shall be accepted by ZPCE.

In particular, the spare parts guarantee only applies once ZCPE has analysed and assessed the returned parts and then decided to replace the said parts.

The retailer's statutory guarantee still applies. In order for the guarantee covering any Product

to apply, the Customer and end user must have respected the following parameters concerning swimming pool water balance:
• pH: 6.8 < pH < 7.6
• free chlorine (*): < 3.0 mg/L
• total chlorine (*): < 4.0 mg/L or total bromine (*): < 5.0 mg/L
• stabiliser (**): < 75 mg/L
• total dissolved metals (including iron, manganese, copper and zinc): < 0.1 mg/L
(*): Cleaning devices MUST be removed from the pool during shock treatment.
(**): < 30 mg/L if ACL or Redox regulation is used.
Note: Use of borehole, well or rain water is proscribed. In order for the guarantee covering any Product to apply, the Customer and end user must have complied with the installation and maintenance instructions. As regards the ranges of heat pumps, dehumidifiers, water treatment systems, automation systems and filtration equipment, the guarantee shall only apply if the Products have been installed by a professional installer.

General restrictions

This guarantee does not apply to any manifest defects of the Products, namely visible defects that have not been declared by the Customer or end user on delivery of the Products. The following are also excluded: defects or deterioration caused by unsuitability of the Product for end user requirements, normal wear and tear, negligence, incorrect installation or use that does not comply with the recommendations specified on the device operating instructions or on quotations and instructions issued by ZPCE, maintenance that does not comply with the device operating instructions supplied at the time of sale and/or an accident when handling the apparatus, incorrect storage.
Any changes made to the Products by the Customer, end user or any third party shall automatically end the guarantee in its entirety. This also applies to cases where original parts have been replaced by parts not sold by ZPCE. In addition, the Customer must ensure the Products are compatible with existing swimming pool equipment by contacting the various manufacturers concerned, as well as the installation and start-up rules to be respected for the proper functioning of the system as a whole. The guarantee shall be cancelled if the Product(s) is/are transferred to a third party. The guarantee only applies if the Product still carries its original identification label and serial number.
In the event of a Product being returned to ZPCE workshops, the outbound shipping costs shall be paid by the end user and/or Customer. No compensation shall be awarded for the immobilisation and loss of enjoyment of a Product in the event of any repair.

Period of guarantee

The contractual guarantee commences on the date specified on the new Product sales invoice issued by the Customer to the end user, which cannot pre-date the date on which the Product is delivered to the end user.
For all Products (excluding categories of products specifically mentioned below), the guarantee period is 2 years as of the date of the new Product sales invoice issued by the ZPCE Customer to the end user, which cannot pre-date the date on which the Product is delivered to the end user.
Any application of the guarantee is subject to presentation of the invoice. Failing this, the Customer alone shall bear all the harmful consequences for ZPCE, as regards any claim from end users under the contractual guarantee after the date of expiry.
Any periods during which the Product is immobilised for at least 7 days shall be added to the remaining guarantee period on the date on which the intervention is requested or, if earlier, the date on which the Product is made available for repair.

Heating and Dehumidifier Systems

Unless otherwise stipulated, ZPCE provides a contractual guarantee for the proper functioning of its new Products installed and commissioned by a professional installer. This guarantee covers a 2-year period from the date of the new Product sales invoice issued by the Customer to the end user, which cannot pre-date the date on which the Products are supplied.
It is also stipulated that end users must ensure Products undergo regular maintenance by a professional installer. ZPCE only guarantees Product material and manufacturing defects acknowledged by ZPCE after inspection by the ZPCE technical department. In all cases, this guarantee does not apply to malfunction and/or deterioration of Products related to factors outside ZPCE's control (such as incorrect power supply, bypass adjustment, incorrect air distribution, poor building insulation, thermal breaks and incorrect winter storage).
Heat pump condensers carry a 5-year anti-corrosion guarantee. Any operating anomalies affecting dehumidifiers must be formally reported to ZPCE as soon as the problem is observed. In the event of an intervention by Zodiac-approved technicians, the equipment must be accessible.

Z200, Z300, ZS500, PI20 and PM30 heat pumps

The guarantee is valid for 3 years as of the date of the new Product sales invoice issued by the Customer to the end user, which cannot pre-date the date on which the Products are supplied.

Chlorination and regulation products

The guarantee applies without any conditions to the Hydroxinator® and salt chlorination ranges. A 3-year guarantee applies to the following products: TRi, TRi Expert, TRi Expert LS and Hydroxinator®.
MagnaPool® minerals are not guaranteed for anything other than manufacturing defects detected during and after start-up. The following items are deemed to be consumables and are therefore covered by a 1-year guarantee (excluding incorrect installation, incorrect use and wear and tear):
• pH and Redox sensors
• pH and Redox buffer solutions
• peristaltic pipes
• injection non-return valves.

Nature² products

The guarantee is valid for 3 years as of the date of supply for the Nature² Fusion product. Nature² consumables, such as cartridges, are not guaranteed except for any manufacturing defects detected during start-up.

Electric Robot products

The guarantee does not cover:
• Wear and tear of parts such as tyres, tracks, brushes, belts, gears and filters;
• Electrical damage caused by lightning or an incorrect electrical connection;
• Breakage due to impact, incorrect use or incorrect maintenance (including the robot, accessories and wires).
Vortex Pro and JD Clean 4X4 robotic cleaners
The guarantee is valid for 3 years as of the date of the new Product invoice issued by the Customer to the end user, which cannot pre-date the delivery date.

Automation systems

The guarantee does not apply to malfunction and/or deterioration relating to factors outside of ZPCE's control (incorrect electrical supply, incorrect connections, poor quality Internet network and/or Wi-Fi, or an unsuitable Internet router model).

Filter equipment (pumps, pump and filter control modules)

The guarantee is valid for 3 years as of the date of the new Product sales invoice issued by the Customer to the end user. Furthermore, the filter tank guarantee is valid for 5 years as of the date of the new Product sales invoice issued by the Customer to the end user.
Filter consumables, such as Crystal Clear filter glass, are not guaranteed for anything other than manufacturing defects detected during start-up.

9 - PRODUCT RETURNS

Principles:
• Without the prior agreement of ZPCE, the Customer may not:
• Refuse any Products that have already been dispatched;
• Refuse and/or return any delivered Products;
• Refuse to pay for the Products.
In the event of return/refusal of the Products and non-compliance with the aforementioned principles, a fee for inspection/repackaging (variable according to the condition of the goods) and shipping costs shall be invoiced to the Customer.

Procedure

• ZPCE accepts or does not accept return of the Products (except spare parts). In the case of a mistaken order, if ZPCE accepts the return, a return acceptance form shall be sent to the Customer, specifying the costs of restocking the goods (based on Products in perfect condition and depending on the actual condition when received at ZPCE premises). The customer then affixes the form to the Products. Failure to do this will result in the Products not being taken back by ZPCE.
• The Customer must return the Products at its own expense, in perfect condition, without having modified them;
• ZPCE then inspects the number and condition of the Products;
• ZPCE agrees or does not agree to take back the Products in whole or in part;
• ZPCE exchanges the Products or issues a full or partial credit note.

10 - PAYMENT – TERMS

In France

Invoices are payable to the address of the ZPCE invoicing centre specified by ZPCE, by cheque, bank transfer or bill of exchange.
The payment schedule is the supplementary legal period of thirty (30) days, in accordance with the French Law on the Modernisation of the Economy (LME). However, the first order placed by the Customer is payable upfront on the day the order is placed, by cheque, bank transfer or bill of exchange. ZPCE reserves the right to modify customary practice with a Customer at any time, and to require full payment of any order prior to delivery and without discount, in the event of disclosure of a risk likely to affect the creditworthiness of the Customer. A 30% deposit shall be required for the order for any customised Products or Products requiring special manufacture. ZPCE does not offer any discount for early payment. Any discount applied by the Customer shall automatically lead to the temporary or permanent suspension of its account.

International sales

Payment shall be made immediately upon delivery without discount by Swift transfer or, at the convenience of ZPCE, by irrevocable documentary credit confirmed by a first-tier French bank to the benefit of ZPCE in compliance with the Uniform Customs and Practice for Documentary Credits published by the International Chamber of Commerce and acknowledged at the time of signing the sales contract. The credit shall then be paid at sight and no discount shall be offered for early payment. The documents required for payment of this credit shall be those stipulated by the Incoterm (ICC version 2010) specified in Article 5. In all cases, payment shall be deemed to have been made when the funds appear in the ZPCE bank account. Invoices issued by ZPCE are always payable in Euros to the ZPCE head office. Any compensation resulting from alleged or acknowledged Customer debts is excluded. ZPCE does not offer any discount for early payment. Any abusive discount applied by the Customer shall automatically lead to the temporary or permanent suspension of its account.

11 - PAYMENT: LATE OR NON-PAYMENT

Any late payment of part or all of an invoice shall automatically incur late payment charges of an amount equivalent to three times the French legal interest rate, together with a flat rate payment of €40 for recovery costs, notwithstanding the option for ZPCE to request supplementary compensation, on production of proof, if recovery costs are higher than €40.
Failure to pay any instalment shall result in all existing debts being immediately payable in full. ZPCE reserves the right to claim immediate payment of all remaining debts, as well as reserving the right to suspend any deliveries until all existing invoices have been paid in full or else to cancel outstanding orders, without prejudice to exercising any legal recourse. Deduction of discounts and/or payment of rebates are subject to full payment of amounts due by the Customer to ZPCE. They shall not be due in cases of failure to comply with payment terms or any non-payments for whatever reason. Except if agreed otherwise, any amounts that may be due to the Customer for the purchase of Products cannot be offset against any amounts it may owe ZPCE. Any deductions

made by the Customer from the amount of the invoice, to which ZPCE has not agreed, shall constitute a payment incident justifying the suspension of deliveries. In all cases, under article L 442-6 of the French Code of Commerce, the Customer is prohibited from automatically deducting from any of the invoices issued by ZPCE, any penalties or rebates corresponding to failure to meet delivery dates or Product non-compliance, when the debt is not irrefutable, liquid or collectable, where ZPCE is unable to verify the accuracy of the corresponding complaint.

12 - LIABILITY

Notwithstanding the provisions of Articles 6 (Transfer of risks), 8 (Guarantees) and 14 (Force majeure), ZPCE may not in any way be held liable for any losses, financial damage, damage to business, Customer losses or losses of orders subsequent or not to the acquisition, use or resale of the Products by the Customer.
The liability of ZPCE may only be invoked on the basis of information and requirements sent in writing by the Customer, who shall be solely responsible for the accuracy and precision of the information provided.
ZPCE must be notified of any claims made against it by the Customer regarding sales completed during a given calendar year, whatever the cause or nature of the claim, by means of registered letter with acknowledgement of receipt, no later than twelve (12) months following the said year. Once this time period has expired and notwithstanding the provisions of article L 110-4 of the French Code of Commerce, no claim for the previous calendar year may be enforced by the Customer against ZPCE, which the customer expressly acknowledges and accepts. In the event of a claim recognised as justified by ZPCE, its liability shall be limited to the replacement, repair, exchange for a new or reconditioned product, or reimbursement of the Products, and no claims for compensation and/or penalties shall be admitted for any reason.

13 - RETENTION OF TITLE

ZPCE shall retain title of the delivered Products until they have been completely paid for by the Customer. In this respect, payment is deemed to be the actual payment into the ZPCE bank account of monies for the Products, related sales costs and any interest. The provision of a bill of exchange or other documents creating an obligation to pay does not constitute payment in the sense of this clause. Throughout the retention of title period, when the risks have been transferred to the Customer under the terms of Article 6 above, the Customer, as the depositary of the Products, must insure the Products against all risks of damage or liability and, in particular, take out a liability insurance policy to cover the Products on behalf of ZPCE, at its own cost. The Customer must allow all delivered and unpaid Products to be reclaimed any time. It is expressly agreed that Products in stock at the Customer's premises are deemed to correspond to unpaid invoices.
Any Customer authorised to re-sell the delivered Products in the normal course of its business must immediately notify ZPCE of any seizure of the Products delivered under retention of title for the benefit of a third party. In addition, the Customer is prohibited from pledging title of the Products or providing it as collateral. In the event of re-sale, the Customer undertakes to assign the debts from its sub-purchasers to ZPCE up to the amount due.
In the event of non-payment of some or all of the instalments agreed for the price, and fifteen (15) days after formal notification by registered letter remains unheeded, in whole or in part, ZPCE reserves the right to complete the sale or reclaim the Products. In the latter case, the Products must be made immediately available to ZPCE, unless this requires the Products to be returned at the risk and expense of the Customer. This reclamation may be made by any means, including by registered mail, fax, summons by a bailiff or joint inventory, at the cost and risk of the Customer. Return of the Products does not imply resolution of the sales contract. Any amounts already paid by the Customer (in particular deposits) shall be retained as initial compensation and subject to any other further compensation.
In the event of the Products being converted or integrated into a structure, the transfer of title of ZPCE goods shall be transferred to the goods resulting from the conversion or to all or part of the cost of the converted goods. The aforementioned provisions do not affect transfer to the Customer of the risks of loss and deterioration of the sold Products.

14 - FORCE MAJEURE

ZPCE shall be released from its obligations, in particular as regards deliveries, on account of any event independent of its will that may prevent or delay delivery of the Products, assimilated contractually to force majeure. This shall in particular apply in the case of events occurring at ZPCE, such as lockouts, strikes, epidemics, embargoes, accidents, interruption or delay in transport, the impossibility of receiving deliveries from its suppliers, defects in raw materials, a notable change in the political situation in the country of the Customer or in France or any other event independent of the will of ZPCE leading to total or partial work stoppage at ZPCE.

15 - INTELLECTUAL AND INDUSTRIAL PROPERTY

No Customer may mention or use the brands, logos, documents or any other intellectual property belonging to ZPCE or of which it has use without the express, prior and written authorisation of ZPCE, and solely for the purposes of promoting the retail sale of Products under its normal conditions of business.
Any use of a brand, logo or other distinctive signs by the Customer must be made under its full liability in compliance with the graphic chart and legal information concerning the Products, in particular in the event of these being present on our website or on any written media.
All documents of any kind, provided for or sent to the Customer, remain the exclusive property of ZPCE and, except with express prior agreement, may not be communicated to third parties for any reason whatsoever.

16 – FRANCE ONLY / ECO CONTRIBUTION or WEEE (Waste Electrical and Electronic Equipment directive)

In compliance with directive 2002/96/EC dated 27 January 2003 relating to waste electrical and electronic equipment, a contribution must be applied to every new item of household electrical and electronic equipment sold. This visible contribution is not a tax; VAT is therefore applied to the value of this contribution. The scale for this contribution is set by legislation; ZPCE applies the current official scale and will make updates during the year, in accordance with the law.

17 - SPECIFIC PROVISIONS FOR CHEMICAL PRODUCTS SOLD BY ZPCE

Product information

Chemical products offered for sale by ZPCE (hereinafter «the Chemical Products») are delivered with their safety data and composition sheets, as drafted by the supplier of ZPCE.
ZPCE also provides information regarding the technical nature and composition of the Chemical Products, as drafted by the supplier, on its website in the Customer's personal area, together with information regarding the storage and layout of the Products, which is added for information purposes only.
Any order of a quantity that does not conform to the rules governing packing or pallet size cannot be accepted by ZPCE.

Free shipping – mainland France

The Customer shall be exempt from shipping costs for all deliveries of Chemical Products over €1,000, excluding tax. For all deliveries of Chemical Products under €1,000, excluding tax, a fixed fee of €190 shall be invoiced to the Customer for shipping costs.

Transport - Storage

Since Chemical Products are subject to regulations regarding the storage and transport of dangerous goods, the storage and transport of said goods are arranged by a supplier of ZPCE familiar with these regulations, rather than by ZPCE itself. The risks related to Chemical Products are transferred as of the time at which the Products are made available or handed over to the first transporter in the warehouses of ZPCE's supplier. Subsequently, Chemical Products travel at the risk of the Customer, whose responsibility it is, in the event of damage, loss or missing items, to make any reservations and exercise any redress against the transporters responsible.

Product Dispatch

Chemical Products travel at the risk of the Client, whatever the method of transport, and whether shipping has been prepaid or not. In the event of damage, the Customer must make all the necessary reservations, specifying the nature and extent of the damage observed, on the documents on which it is invited to grant discharge, and confirm its reservations in a registered letter sent to the haulage company within the number of days specified in article L 133-3 of the French Code of Commerce. No claim shall be considered once 48 hours have elapsed since delivery.

Warranty

The Customer is covered by the warranty of the ZPCE supplier of Chemical Products. ZPCE disclaims any other express or implicit warranties regarding the Chemical Products, relating, but not limited, to visible defects, marketability, suitability for a specific use or the results achieved using the Chemical Products. The following are also excluded: defects or deterioration caused by the unsuitability of the Chemical Products for the requirements of the Customer and end user, normal wear and tear, negligence, inappropriate installation or use that does not comply with recommendations, insufficient maintenance and/or handling accidents or by inappropriate storage. The Customer shall bear all risks of whatever nature regarding use of the Products purchased from ZPCE, whether alone or combined with other products or items or in any other processes.

18 - PERSONAL DATA

In order to market the Products in the best possible way, the Customer is hereby informed that certain personal information, such as its name and address, may be processed by ZPCE in its capacity as a personal data processing manager. This data processing will be reported regularly to the appropriate authorities. These data may be used by ZPCE in accordance with the provisions of the French Data Protection Act of 6 January 1978, amended by the law of 6 August 2004 on the protection of natural persons with respect to the processing of personal data. In accordance with the aforementioned Data Protection Act, the Customer has the right to access, correct and delete its personal data by contacting ZPCE directly.

19 - MISCELLANEOUS

All documents of any kind, provided for or sent to the Customer, remain the exclusive property of ZPCE and, except with express prior agreement, may not be communicated to third parties for any reason whatsoever. The fact that ZPCE does not invoke any one of the provisions of the GTS at any given time may not be interpreted as ZPCE waiving the right to invoke this condition at a later date.

20 - APPLICABLE LAW - JURISDICTION

Jurisdiction

It is expressly agreed that exclusive competence for any disputes that may arise between the parties during their business relationship shall be attributed to the courts having jurisdiction over the ZPCE head office, whatever the place of delivery and accepted method of payment, and even in the event of third party appeals or multiple respondents.

Applicable law

Relations with the Customer are governed by French law. If these General Terms of Sale have been translated into a foreign language, only the text drafted in French shall be valid.

ACCOUNT REQUEST

Fax to +33 (0)2 76 34 18 77

In order to open an account with us and to facilitate delivery of your products, please complete the following fields.

Company Name: _____

Brand name: _____

Registration **APE Code** _____

E-mail address to receive invoice: _____

BILLING ADDRESS	DELIVERY ADDRESS
Address: _____	Address: _____
_____	_____
Post Code: _____ City: _____	Post Code: _____ City: _____
Tel.: _____	Tel.: _____
Fax: _____	Fax: _____
E Mail: _____	E Mail: _____

EU Intracommunity VAT N°: ..... |_|_|_|_|_|_|_|_|_|_|_|_|

Bank or Post office reference (attach bank account details)

Bank Code |_|_|_|_|_| **PAYING BANK**

Branch Code |_|_|_|_|_| _____

Account Number |_|_|_|_|_|_|_|_|_|_|_| _____

Key |_|_| _____

The undersigned authorises ZODIAC® POOL CARE EUROPE to procure information relative to the credit request from whatever source. We also acknowledge that ZODIAC® POOL CARE EUROPE's right to obtain information related to the credit request may be suspended at any time by giving written notice. The above mentioned company agrees to settle bills to ZODIAC® POOL CARE EUROPE within **30 days at month's end, by SWIFT.**

DIRECT LCR ☐ Bank transfer ☐

LOC with acknowledgment ☐

The present document entails that the costumer/client has read and accepted the current terms of sale of ZODIAC® POOL CARE EUROPE and agrees that all its orders will be governed by said general terms of sale without limitation.

Name and position: _____

Signature: **Date:**

FREE STUDY / FOR INDOOR POOL

For the selection of your water heating equipment, your dehumidifiers and air heating

Return by mail to be@zodiac.com

End customer reference : .....

Your details :

Company : .....

Address : .....

.....

ZIP : .....City : .....

Tel ..... Fax .....E-mail .....

City where the project is located : ……..

Pool characteristics :

Length : ..... m Width :.....m Average depth : ……m

Area : ..... m^2 Volume : ..... m^3

Use :
- ❑ Private
- ❑ Public, give detail :
  - ❑ Municipale
  - ❑ Camp site
  - ❑ Hotel
  - ❑ Fitness center
  - ❑ Kinesitheraspist
  - ❑ Other : ……..

Desired water temperature:…… C°

Pool with cover: ❍ yes ❍ no

Pool with overflow: ❍ yes ❍ no

Spa/Jacuzzi (in the room, near the pool): ❍ yes (spa area : ……. m^2) ❍ no

Room characteristics : (if possible, send the plans of the room)

Volume of the room : ……m^3 ❑ New pool room ❑ Existing pool room

- ❑ Traditional hall, few windows, well insulated
- ❑ Traditional hall, important glazing, well insulated
- ❑ Veranda entierely glazed
- ❑ Veranda contiguous to the house
- ❑ Shelter entierely glazed
- ❑ Shelter contiguous to the house
- ❑ Other, specify : ……..……..…

Desired establishment of the dehumidifier :

❑ In ambiant ❑ In crossing of the wall in a joint technical room ❑ In a technical room with ducting system

Power supply : ❑ monophaseor ❑ trhree-phase

Available energy :

For Pool heating :

- ❑ Zodiac Heat Pump
- ❑ Electric heater
- ❑ Heat exchanger, specify :

  Primary temperature : ……°C

  Primary :

  ❑ Natural gas ❑ Propane gas

  ❑ Fuel ❑ Aerothermy / Geothermics

  ❑ Other : ……

For Room heating :

- ❑ Zodiac Heat pump
- ❑ Electric option
- ❑ Water battery option, specify :

  Primary temperature : ……°C

  Primary :

  ❑ Natural gas ❑ Propane gas

  ❑ Fuel ❑ Aerothermy / Geothermics

  ❑ Other :……

FREE STUDY / FOR OUTDOOR POOL

For the selection of your water heating equipment.

Return by mail to be@zodiac.com

End customer reference : .....

Your details :

Company : .....

Address : .....

.....

ZIP : .....City : .....

Tel ..... Fax .....E-mail .....

City where the project is located : .....

Pool characteristics :

Length : ..... m Width :.....m Average depth : .....m

Area : ..... m^2 Volume : ..... m^3

Situation : ❑ Open air ❑ Non heated shelter

Type of pool : ❑ In ground ❑ Above ground

Use : ❑ Private

❑ Public, give detail : ❑ Municipale
❑ Camp site
❑ Hotel
❑ Other : .....

Period of use : from ..... to .....

Pool with cover : ❍ yes ❍ no

Pool with overflow : ❍ yes (❑ gutter or ❑ waterfall) ❍ no

Pool with backward flow : ❍ yes ❍ no

Other : ❑ waterfall, ❑ toboggan, ...

Heating mode you want :

❑ Heat pump : ❑ monophase or ❑ three-phase

❑ Electric heater : ❑ monophase ou ❑ three-phase

❑ Heat exchanger, specify :

Primary temperature : .....°C

Primary : ❑ Natural gas ❑ Propane gas ❑ Fuel

❑ Aerothermy / Geothermics ❑ Other : .....

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