Filtration

> 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

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** for cartridge filters and **10-year warranty** on polyester filter tanks.
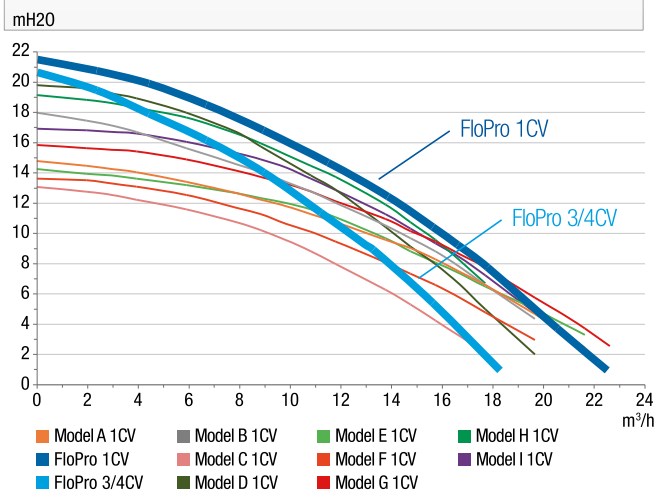
3YEAR
WARRANTY
ALL PARTS

10UP TO YEAR
WARRANTY
ON TANKS
(MS FILTER)

> 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.

mH2O

FloPro 1CV

FloPro 3/4CV

■ Model A 1CV	■ Model B 1CV	■ Model E 1CV	■ Model H 1CV
■ FloPro 1CV	■ Model C 1CV	■ Model F 1CV	■ Model I 1CV
■ FloPro 3/4CV	■ Model D 1CV	■ Model G 1CV	

* 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.

3YEAR
WARRANTY
ALL PARTS

10 UP TO YEAR
WARRANTY
ON TANKS
(MS FILTER)

> 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, which is equivalent to the noise level in a library.

Did you know?

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

2) ENERGY SAVINGS

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

Did you know?

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

Zodiac® online energy saving calculator
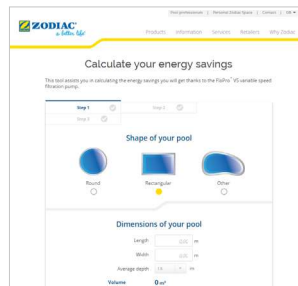
3) OPTIMISED WATER TREATMENT

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

Did you know?

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

4) CONNECTIVITY

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

Did you know ?

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

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

3 YEAR WARRANTY

LOW NOISE LEVEL

ENERGY SAVING

ECO FRIENDLY

LARGE CAPACITY

EASY MAINTENANCE

EASY RETROFIT

MIN MAX 0-3450 **RPM**

iAquaLink CONTROL

* Compared to a standard filtration pump emitting at least 66 dB(A). Values expressed in A-weighted acoustic power level according to ISO standard 3741.
** TEFC = Totally-Enclosed Fan-Cooled
*** ECM = Electronically Commutated Motor (= electronically controlled "brushless" motor)

> 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.

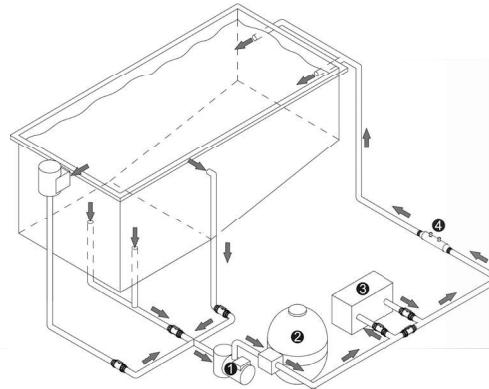**3**YEAR WARRANTY

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 m³		80 m³	Up to 150 m³
Optimum efficiency	30-80 m³		15-60 m³	N/A
Removable user interface	•			
Dry contacts control	•			
Compatible with Zodiac® AquaLink® TRi automation	Possible	•		
Compatible with iQPUMP (smartphone control)	Possible	•		

FILTRATION

FloPro™ - Single speed

+ Built to last
+ High efficiency
+ Silent

ALL TYPES OF SWIMMING POOLS · **EASY RETROFIT** · **ENERGY SAVING**

3 YEAR WARRANTY

PROFESSIONAL ADVICE RECOMMENDED

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

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 (m³/h)	10,3 m³/h	13,2 m³/h		15,8 m³/h		20,8 m³/h		27 m³/h	
Maximum flow rate (m³/h)	16,8 m³/h	18,6 m³/h		22,9 m³/h		27,4 m³/h		35,5m³/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 270357 — FloPro™ 50M
9 317545 270364 — FloPro™ 75M
9 317545 270371 — FloPro™ 75T
9 317545 270388 — FloPro™ 100M
9 317545 270395 — FloPro™ 100T
9 317545 270401 — FloPro™ 150M
9 317545 270418 — FloPro™ 150T
9 317545 270425 — FloPro™ 200M
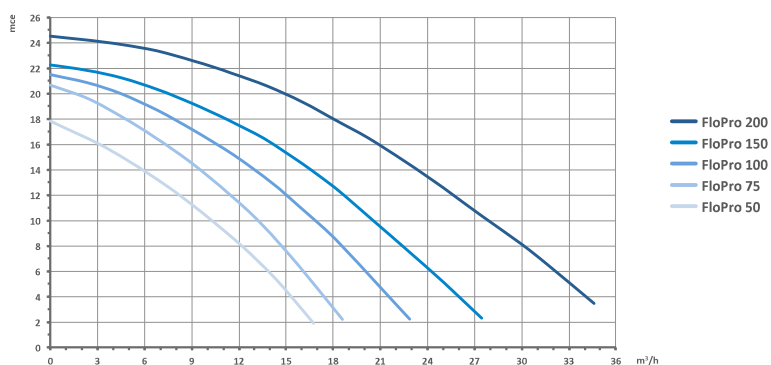9 317545 270432 — FloPro™ 200T

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.

Legend:
- FloPro 200
- FloPro 150
- FloPro 100
- FloPro 75
- FloPro 50

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	
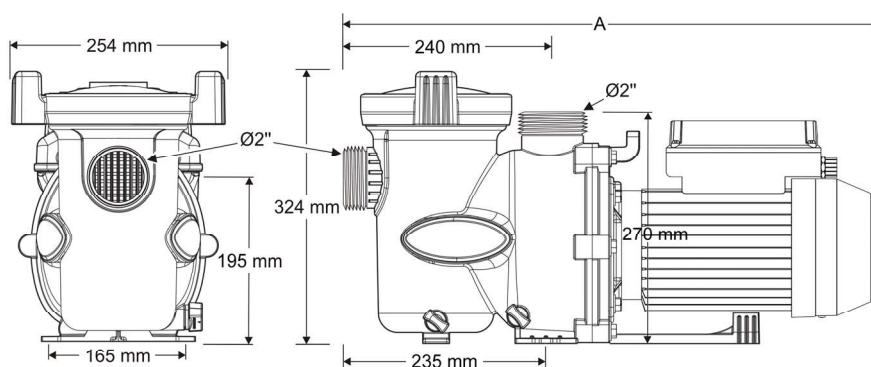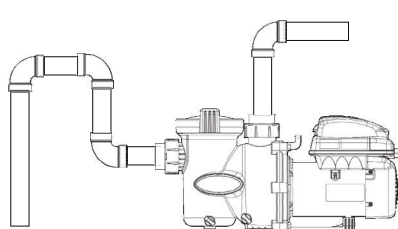
254 mm — 240 mm — A — Ø2" — Ø2" — 324 mm — 195 mm — 165 mm — 235 mm — 270 mm
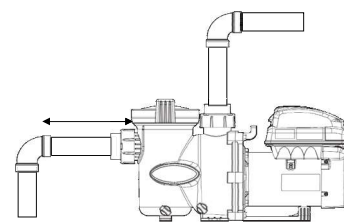
INSTALLATION

Incorrect : Air retention and risk of incorrect pre-filter filling.
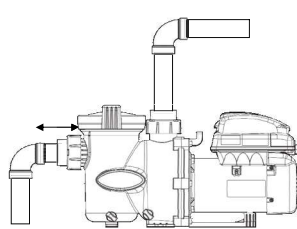
Incorrect : Suction pipe too short, risk of cavitation.

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

Spare parts p.320

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

FILTRATION

FloPro™ e3 - Variable speed

Filtration > Pumps > FloPro™ e3

+ 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

PROFESSIONAL ADVICE RECOMMENDED

3 YEAR WARRANTY

FloPro™ e3 100

PRODUCT REFERENCE

Standard model	WP000156

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 (m³/h)	16,3 m³/h (at 2850 RPM)
Maximum flow rate (m³/h)	22,4 m³/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
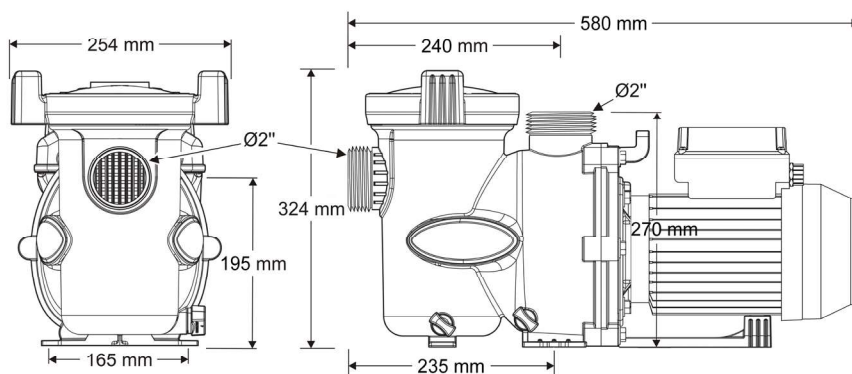
9 317545 270449

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.
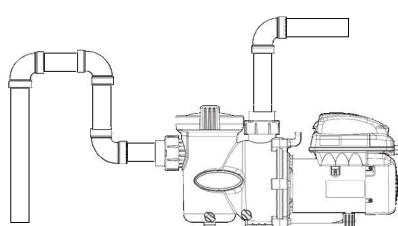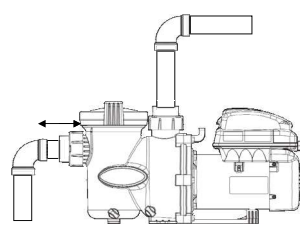

Legend: 2850 RPM, 2150 RPM, 1400 RPM
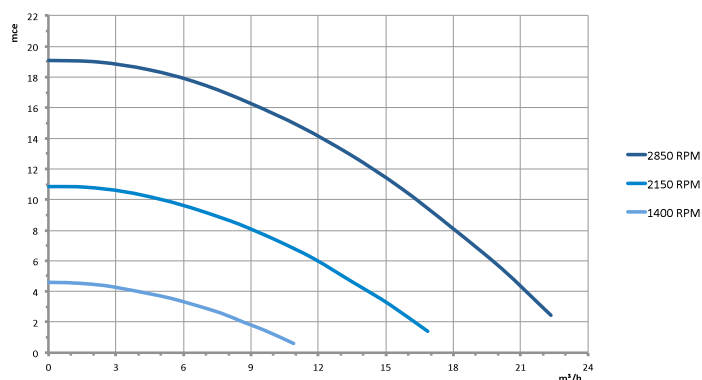
DIMENSIONS AND WEIGHT

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

254 mm — Ø2" — 195 mm — 165 mm — 324 mm — 240 mm — 580 mm — Ø2" — 270 mm — 235 mm

INSTALLATION

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

Incorrect: Suction pipe too short, risk of cavitation.
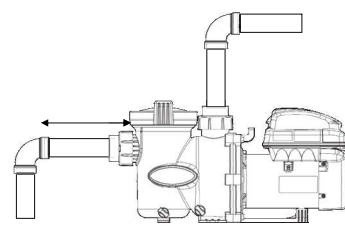
Correct: Length of suction pipe = 4 x pipe diameter (20 cm for 50 mm and 25 cm for 63 mm).

Spare parts p.322

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

FloPro™ VS - Variable speed

+ 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 | PROFESSIONAL ADVICE RECOMMENDED

	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)
Languages	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	
Output power Kw (P2)	1.23	
Power supply	220-240 VAC - 50/60 Hz	
Flow rate at 10m head (m³/h)	24,1 m³/h (at 3450 RPM)	
Maximum flow rate (m³/h)	30,7 m³/h	
Maximum manometric Head (m)	21,5 m	
Maximum water temperature	35 °C	
Speeds	600 - 3450 RPM (adjustable by 10 RPM increments)	
Protection rating	IPX4	
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

1 RANGE, 3 SOLUTIONS

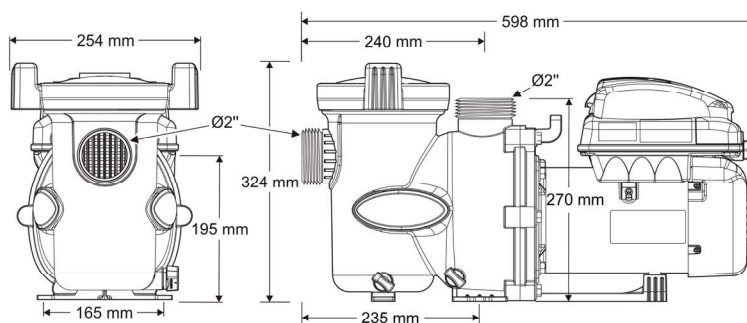| I WANT A CONNECTED POOL		I WANT A CONNECTED PUMP		I WANT A PUMP ONLY
Pump model	Remote control	Pump model	Remote control	
FloPro™ VS AUT	**eXO® iQ Range Hydroxinator® iQ**	**FloPro™ VS AUT**	**iQPUMP**	**FloPro™ VS**
WP000079		WP000079	WA000017	WP000003

PERFORMANCE

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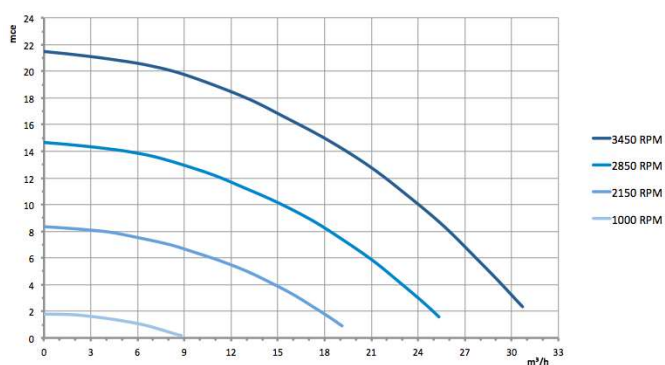
DIMENSIONS AND WEIGHT

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

Spare parts p.324

ASSOCIATED PRODUCTS

AquaLink® TRi	iQPUMP	CS Filter	MS Filter	eXO® iQ	Hydroxinator® iQ
WA000016	WA000017	WF000024/25	WF000094/95/96/97 & 98	WW000162/163/164 165 / 170 & 171	WW000172/173/174 & 175

FILTRATION

iQPUMP

Filtration > Pumps > iQPUMP

3 YEAR WARRANTY

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

EASY INSTALLATION

iAquaLink CONTROL

ECO-FRIENDLY

PROFESSIONAL ADVICE RECOMMENDED

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™ 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.
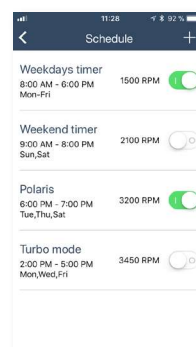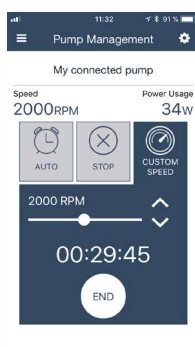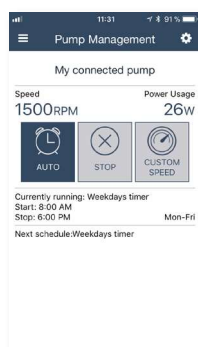
9 317545 020648

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

COMPARATIVE TABLE OF THE RANGE

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

FILTRATION

CS - Cartridge filter

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

3 YEAR WARRANTY

5 YEAR WARRANTY ON TANK

ALL TYPES OF SWIMMING POOLS

FINE FILTRATION

ECO-FRIENDLY

PROFESSIONAL ADVICE RECOMMENDED

	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	Air relief

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 (m³/h)	22.7	34.1
Filtration area (m²)	9.3	14
Cartridge layers number	143	215
Filtration speed (m³/h/m²)	2.4	2.1
Filtration speed at 1 m/s	0,64 m³/h/m²	
Working pressure (bar or kg/cm²)	0,2 - 0,8 (variable speed pump); 0,4 - 1,2 (single speed pump)	
Maximum pressure (bar ou kg/cm²)	3.5	

9 317545 020525
CS 100

9 317545 020532
CS 150

HEAD LOSS CURVES

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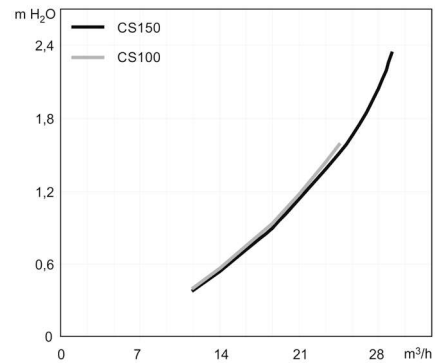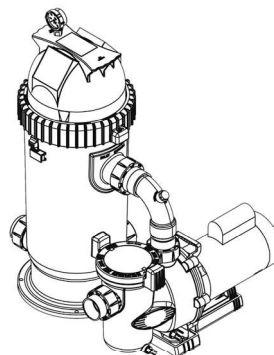

DIMENSIONS AND WEIGHT

	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
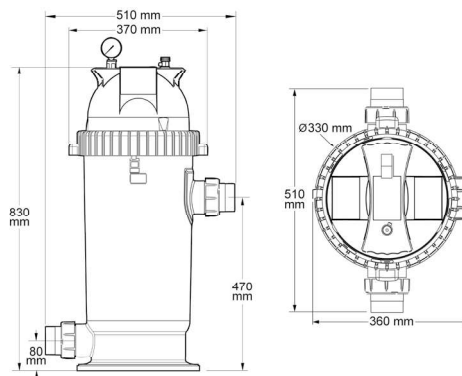
INSTALLATION WITH VERSA PLUMB® KIT

- 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 **Spare parts p.326**

OPTIONAL ACCESSORIES	ASSOCIATED PRODUCTS	
VersaPlumb® Kit	Cartridge CS 100	Cartridge CS 150
reference	WF000026	R0462201	R0462301

FILTRATION

MS - Media filter

Filtration > Filters > MS

+ Easy to install
+ Efficient filtration
+ Easy maintenance

3 YEAR WARRANTY

10 YEAR WARRANTY ON TANK

ALL TYPES OF SWIMMING POOLS

EASY INSTALLATION

MagnaPool ECOSYSTEM

PROFESSIONAL ADVICE RECOMMENDED

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

TECHNICAL SPECIFICATIONS

	MS 470	MS 530	MS 650	MS 800	MS 950
Tank diameter (mm)	475	532	645	798	950
Max flow rate (m³/h)*	8.0	10.2	15.8	23.3	30.0
Filtering area (m²)	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	450
Nbr of bags - Crystal Clear 1.0/3.0 mm	1		1	2	5
Nbr of bags - Crystal Clear 0.7/1.3 mm	4	5	8	16	25
Total weight of sand	85	100	160	305	460
Working pressure (bar or kg/cm²)	0,2 - 0,8 (variable speed pump); 0,4 - 1,4 (single speed pump)				
Maximum pressure (bar or kg/cm²)	2.5				

* : For a 50 m³/h/m² filtration speed

9 317545 028354
MS 470

9 317545 028361
MS 530

9 317545 028378
MS 650

9 317545 028385
MS 800

9 317545 028392
MS 950

DIMENSIONS AND WEIGHT

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

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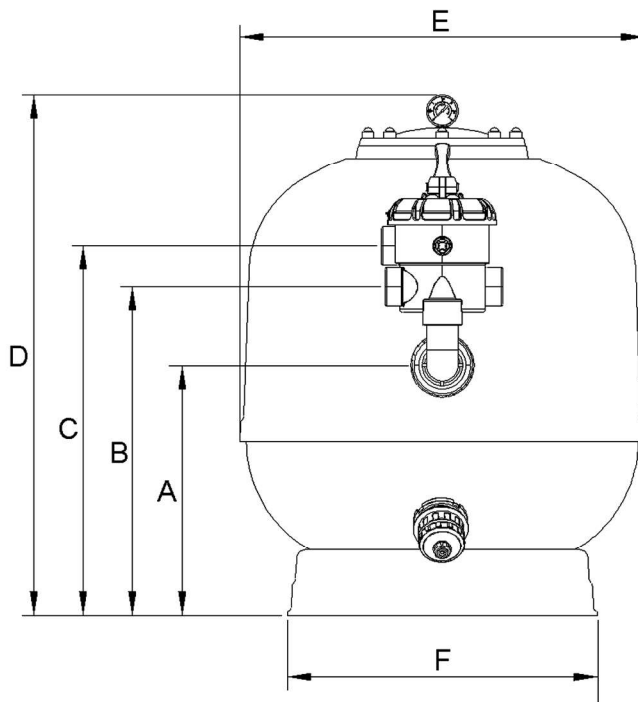
ASSOCIATED PRODUCTS

Crystal Clear 0,7/1,3 mm - Glass media	Crystal Clear 1,0/3,0 mm - Glass media
WF000063	WF000064

FILTRATION

Crystal Clear

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

ALL TYPES OF SWIMMING POOLS

FINE FILTRATION

ECO-FRIENDLY

MagnaPool™

	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 with Crystal Clear fine, under EN 16713-1 standard (test §7.2.4). Regulatory requirement is 50% min.

9 317545 025414

Crystal Clear 0,7/1,3 mm

9 317545 025421

Crystal Clear 1,0/3,0 mm

NL NICHELESS LED LIGHTS

Easy-to-install, eco-friendly lighting

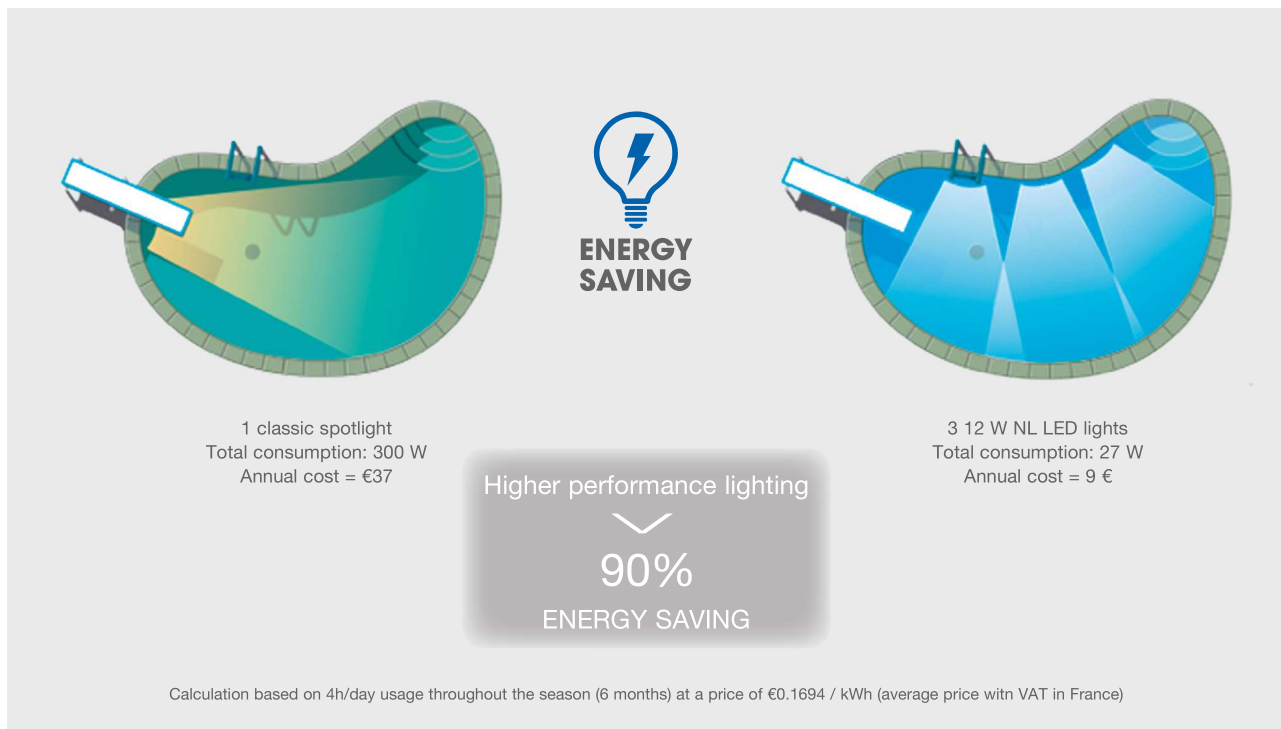Pool lighting is an essential asset for enhancing your pool.
Zodiac® NL LED lights enable you to achieve this and they are both **energy saving and easy to install.**
They are installed during the construction stage and enhance all pool types, **using innovative, obstruction-free technology.**

> LED LIGHTING: AN ENERGY-SAVING INNOVATION!

Energy efficient: powerful lighting with an **energy saving of up to 90%** (compared to incandescent or halogen spotlights).
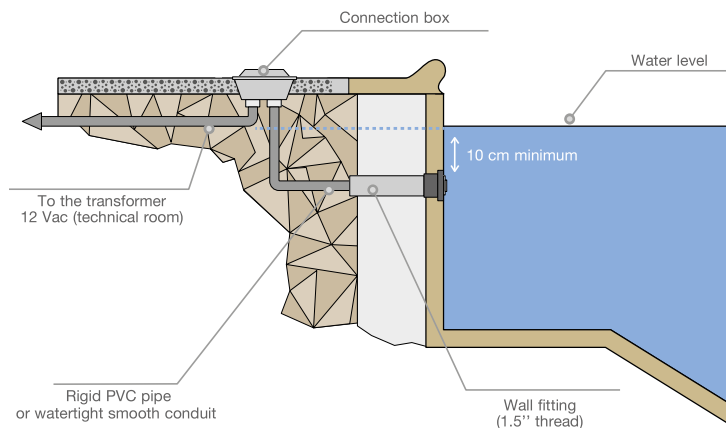
Long lasting: they last up to 10 times longer than traditional incandescent light bulbs.

ENERGY
SAVING

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

3 12 W NL LED lights
Total consumption: 27 W
Annual cost = 9 €

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).

Connection box

Water level

10 cm minimum

To the transformer
12 Vac (technical room)

Rigid PVC pipe
or watertight smooth conduit

Wall fitting
(1.5'' thread)

> COMPACT AND POWERFULL LIGHTS: CUSTOMISABLE AMBIANCE LIGHTING!

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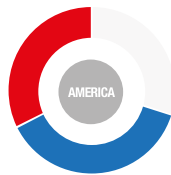
SET COLORS

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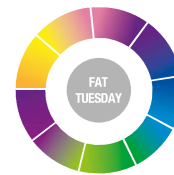- EMERALD GREEN
- EMERALD ROSE
- MAGENTA
- VIOLET

SLOW COLOR SPLASH

A sophisticated and relaxing atmosphere

FAST COLOR SPLASH

An electric atmosphere with over 1,500 constantly changing colors

AMERICA

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

FAT TUESDAY

A carnival atmosphere with a 32-color display

DISCO TECH

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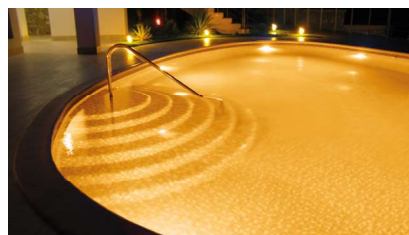
+ Perfect integration for an enhanced pool
+ Powerfull Led lighting
+ Guaranteed energy savings

EASY INSTALLATION

TECHNOLOGY RGBW

ENERGY SAVING

iAquaLink COMPATIBLE

PROFESSIONAL ADVICE RECOMMENDED

3 YEAR WARRANTY

	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 (m²)*	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					

* : Needs eXO® iQ salt water chlorinator or AquaLink® TRi pool automation system.
** For a light colored pool finish. Reduce illuminated surface by roughly 20% for dark pool finishes.
*** : Theoretical lifespan in hours, for information only.

DESIGN

A
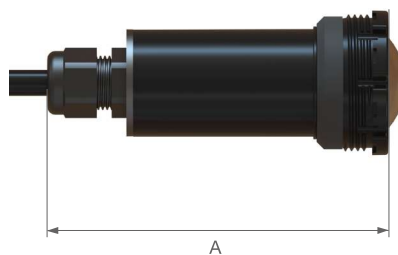
DIMENSIONS AND WEIGHT

	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	Hydroxinator® iQ	eXO® iQ
WA000016	WW000172/173/174/175	WW000162/163/164/165/170/171

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

NL 6RGBW

NL 12RGBW

NL 24RGBW

NL 6BW

NL 12BW

NL 24BW

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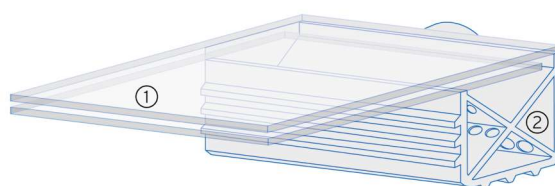
+ Durable: 100% ABS plastic
+ X-Baffle system: consistent water flow
+ Aesthetic and qualitative improvement for pools

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 m³/h
Projection at 30 cm from the wall	7,0 m³/h
Projection at 45 cm from the wall	11,5 m³/h
Projection at 60 cm from the wall	15,0 m³/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
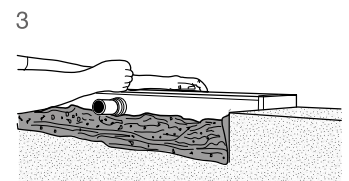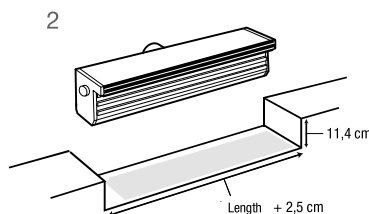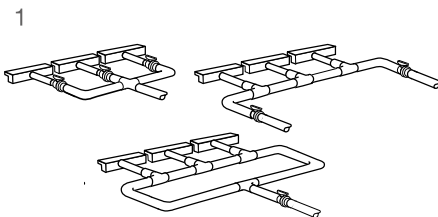
< 16 m³ / hour	50 mm
≥ 16 m³ / hour	63 mm

POWER / FLOW EQUIVALENCES REMINDER :

3/4 CV	13 m³/h
1 CV	16 m³/h
1,5 CV	22 m³/h
2 CV	30 m³/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

2

11,4 cm

Length + 2,5 cm

3

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"
W8620110	W8620111