THE FUTURE IS HERE

INTERNET OF POOLS
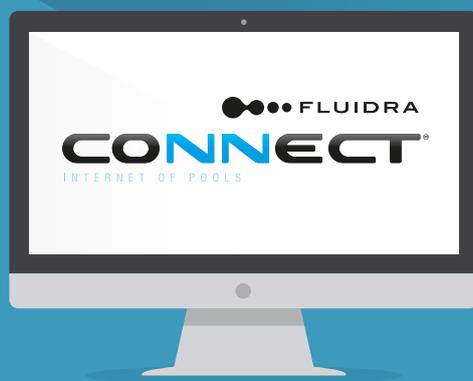
FLUIDRA
CONNECT®
INTERNET OF POOLS

FLUIDRA CONNECT COMPATIBLE THINGS

2017

ASTRALPOOL
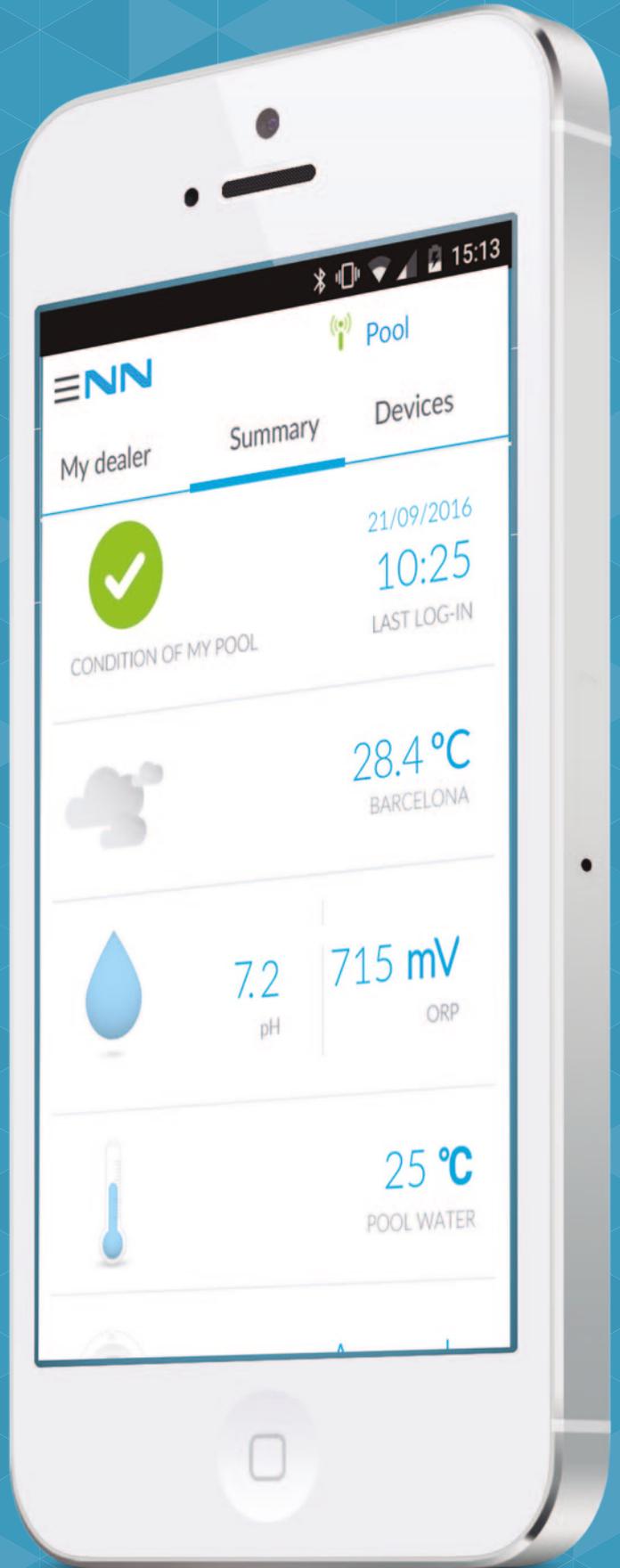
FLUIDRA CONNECT

PEACE OF MIND, COMFORT AND LEISURE
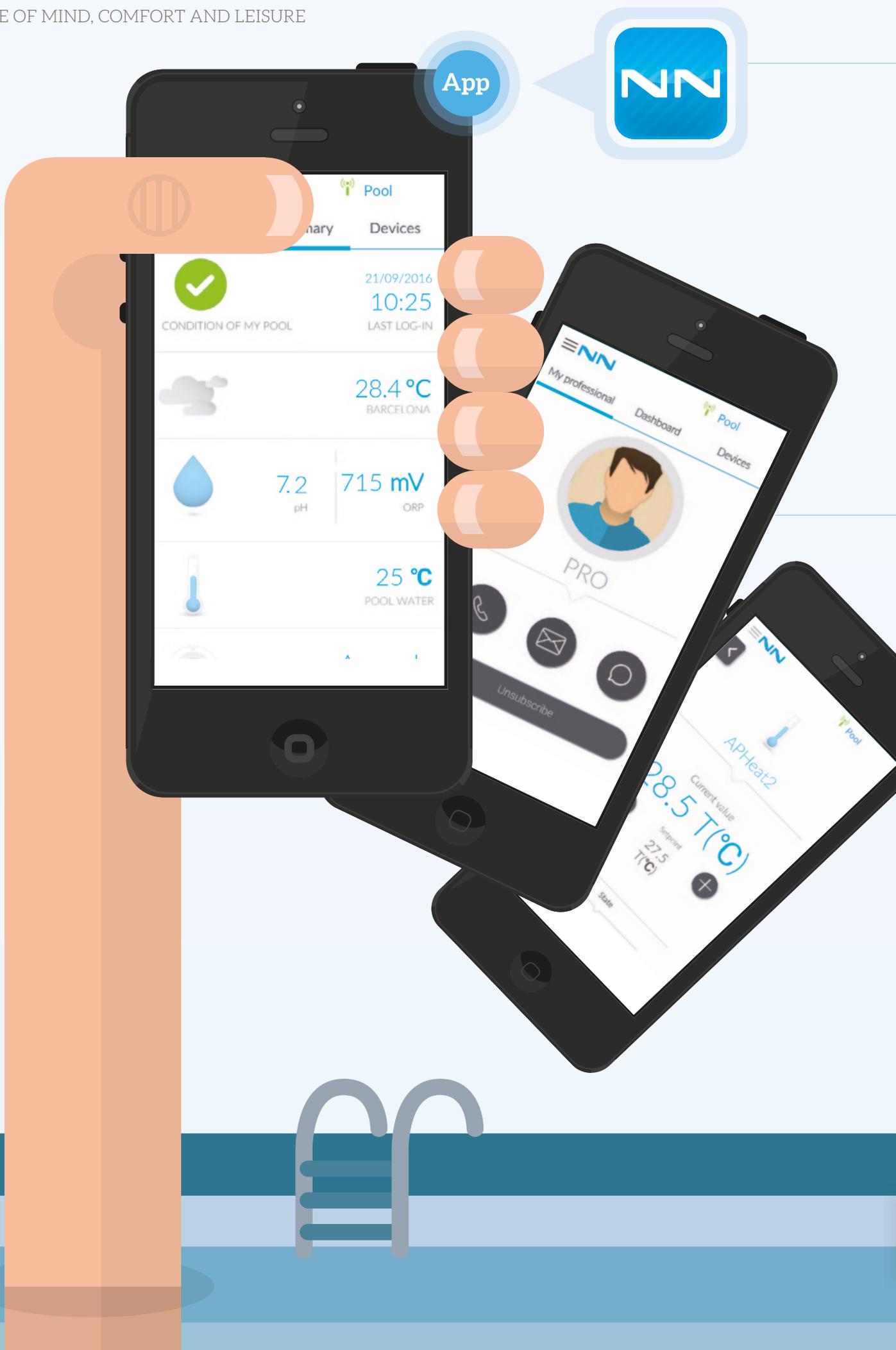
CONTROL YOUR POOL

from any place, whenever you want.

| Water temperature | Lighting | Water cascade | Filter settings |

Can be upgraded for garden devices

watering   lighting

LOCATE DEALERS

More convenient for you

The Fluidra Connect app will make life more convenient and easier for you, as you will also be able to locate dealers in your area for requesting your pool maintenance service. Your dealer will be able to control your pool remotely from the Fluidra Connect service platform.

You will also be able to find a full list of dealers on our website at www.fluidraconnect.com

BIG ADVANTAGES AND BENEFITS
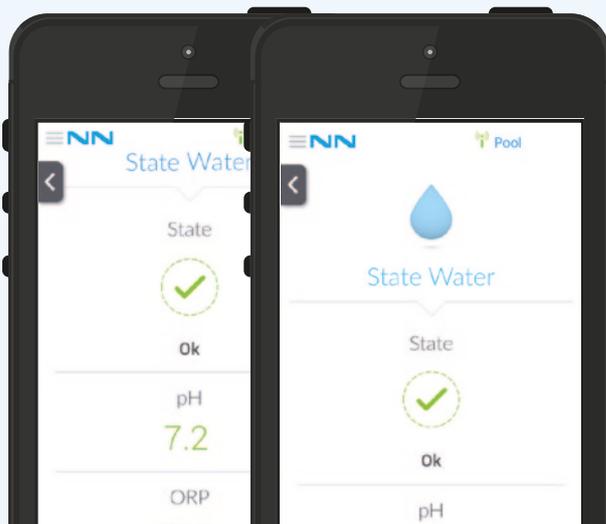
Convenience
Manage and control all of your pool settings in real time from any place 24/7 all year around.

Peace of mind
Your pool will always be in a perfect state of repair. A healthy and safe pool for you and your family.

Sustainability
Efficient management of water and energy.

More than 100 compatible Fluidra Connect products available.

For the app to work properly you must install the Connect Box and compatible Fluidra Connect products.

FLUIDRA
CONNECT
INTERNET OF POOLS

THE SMART SOLUTION FOR

THE REMOTE CONTROL OF YOUR SWIMMING POOL

Available on a range of platforms:

www.fluidraconnect.com

You can remotely

control, diagnose and manage your swimming pool thanks to

The Cloud

CONNECT BOX

BENEFITS

FOR THE SWIMMING POOL PROFESSIONAL

New business opportunities through remote management.

Expand your business professionally, easily and with minimum investment. A new approach to the swimming pool business.

Greater profits - More benefits
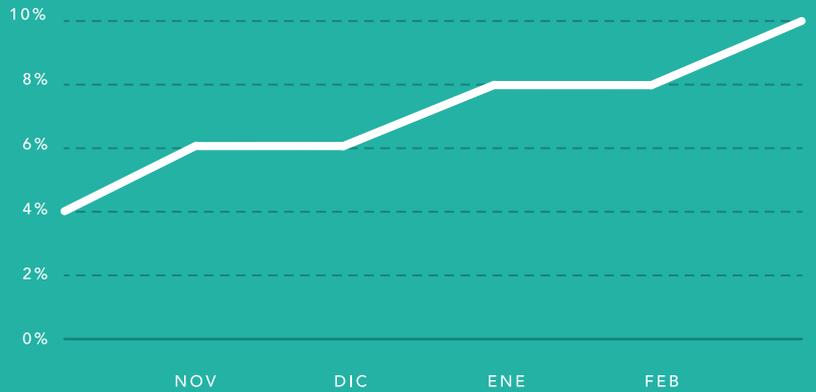
Fluidra Connect eliminates the need to make unnecessary journeys for diagnosing problems. You can manage swimming pools remotely and increase the number of pools you can monitor.

more satisfied
customers

Improve customer service by directly reducing maintenance costs and increasing efficiency for diagnosing problems with equipment and water quality.

more satisfied | expansion | new customers

Exclusive

You

100%
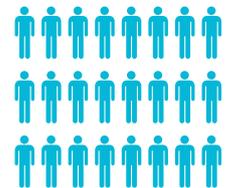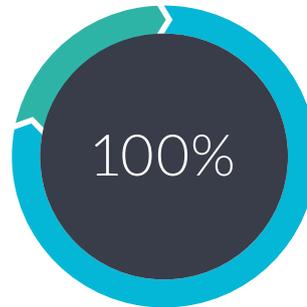
The rest

This exclusive service is what differentiates us from the rest. An innovative, efficient and inexpensive service.

+ Welcome to the future

For further information, talk to our experts or visit
www.fluidraconnect.com

FLUIDRA
CONNECT
INTERNET OF POOLS

COMPATIBLE NN thing®

FLUIDRA CONNECT
COMPATIBLE THINGS

More than 100 compatible products

THINGS

Water treatment	Lighting	Temperature	Filtration	Cleaning	AstralPool MAC®	IP chamber

Connect Box

Water treatment	Lighting	Temperature	Filtration	Cleaning	AstralPool MAC®	IP chamber
Elite	LumiPlus LED:	AstralPool HEAT II	System Vrac	–	AstralPool MAC®	WebCam
Smart +	- PAR56 1.11 RGB		Basic			
Smart + Ph	- PAR56 2.0 RGB	Compact Electric Heater	Viron			
Easy Salt	- S-lim 2.11 RGB					
Pro-Chlore Salt	- S-lim 1.11 RGB	Evoline & Pro-Elyo Inverter & ProHeat II				
Nature Salt	- Rapid 1.11 RGB					
AP Neo	- RGB design	COMING SOON				
AP PR	- Mini 2.11 RGB					
SelPure	- Mini 3.13 RGB					
PhPure	- Micro RGB					
DualPure						
Optima Plus						
Control Basic Plus						
Redox Basic Plus EV						
Dual Basic Control Plus						
Controller						

Benefits

Advanced functionality	Use	CONTROL	Coordination	Alert management

GPIO

Water treatment	Lighting	Temperature	Filtration	Cleaning	Irrigation
Electrolysis	Halogen spotlight or white LED	HEAT PUMP	Single-speed motor	Net&Clean	Irrigation
Peristaltic pump		Gas heater		Electronic pool cleaners	
		Solar heater		H-Duo	Water meters
		Electric exchanger		Pulit Advance+	Watering programmer
				R-Series	
				Sonic	
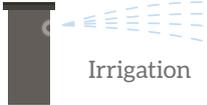
Benefits

Limited functionality	State	ON/OFF	Timer

FLUIDRA CONNECT SOLUTION

Fluidra Connect is a smart solution that enables end users and pool dealers to control a pool remotely. This makes it possible for pool dealers to check out, manage and control all the pools they have installed from a PC.

Fluidra Connect has two control modes:

- Basic, intuitive control for end users front the app.
- Advanced control for pool dealers from the platform at www.fluidraconnect.com (optional).

Connect Box

Connect Box is the brains behind a Fluidra Connect pool installation. Fluidra Connect does not work without Connect Box, which must have a cable or Wi-Fi Internet connection (from a home router, 3G network, etc.).

	Code	Std. Pack
Connect Box	**66671**	1

In cases that the products to be controlled are not compatible with Fluidra Connect, they can be run using a device called a GPIO.

GPIO

It has 4 digital input and output pins.

Using the GPIO, incompatible products, such as a white spotlight or filtration pump, can be switched on or off and their timers set.

It also displays the status of some devices, such as a pool cover.

Up to 247 GPIOs can be connected to a single Connect Box.

	Code	Std. Pack
GPIO, Module with 4 digital input and output pins	**62368**	1

Diagram of a Fluidra Connect set-up.

CONNECT BOX
66671

COMPATIBLE
NN thing

GPIO
62368

More than 100 compatible Fluidra Connect products

WATER TREATMENT
SALT ELECTROLYSIS AND PH/CL CONTROL

AstralPool has added a new line of salt chlorinators to its current range intended for residential pools with the same unbeatable technological features as its current range.

GENERAL FEATURES

	SMART +			SMART +PH			ELITE		
Model	60	100	160	60	100	160	60	100	160
Code	42350	42351	42352	52569	52570	52571	42353	42354	42355
Consumption	0,4 A	0,8 A	1,0 A	0,4 A	0,8 A	1,0 A	0,4 A	0,8 A	1 A
Production g/h	10-12	20-24	25-32	10-12	20-24	25-32	10-12	20-24	25-32
m^3 warm water	60	120	150	60	120	150	60	120	150
m^3 hot water	40	100	120	40	100	120	40	100	120
T-type fuse (5 x 20 mm).	2A	3,15A	4A	2A	3,15A	4A	2A	3,15A	4A
Minimum flow rate	2 m³/h	4 m³/h	6 m³/h	2 m³/h	4 m³/h	6 m³/h	2 m³/h	4 m³/h	6 m³/h
Electrodes	5	7	7	5	7	7	5	7	7

- TWIN CELL system prevents the formation of incrustations on the chlorinator CELL and improves energy efficiency.
- High quality electrodes.
- Salinity alarm with LED indicators.

Elite

Top-of-the-range unit.

A bubble detector, flow switch and compact probe holder as standard.

Comes with high quality electrodes, has a service life of 15,000 hours under laboratory conditions, and 10,000–12,000 hours under normal conditions.

The Salt levels are controlled through a powerful system of salinity alarms that have different indicators for high and low salt levels.

Polarity inversion regulation current. It has a an automatic system that prevents the build-up of limescale on the cell – programmable by users form the control panel.

Production control 0 - 100% (11 current levels).

Total automatic control of water treatment as this chlorinator benefits from the advantages of pH and chlorine control (redox). pH dosing pump not included.

Warranty **5** Years

TIME FOR YOU

COMPATIBLE NN thing®

Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Elite 60	**42353**	1	5	0,046
Elite 100	**42354**	1	7	0,046
Elite 160	**42355**	1	9	0,046
Connection kit Fluidra Connect compatible	**60363**	1	-	-

WATER TREATMENT
SALT ELECTROLYSIS AND PH/CL CONTROL

Smart+

Professional unit. Three external controls (redox, cover and flowmeter) may be adapted (included).

Bubble and flow detector, compact electrode holder for pH sensor, injection point of pH minus and flowmeter.

Comes with high quality electrodes, has a service life of 15,000 hours under laboratory conditions, and 10,000–12,000 hours under normal conditions.

Salinity alarm: has different LED indicators for HIGH and LOW salinity. It shows the salt levels needed.

Polarity inversion regulation current.

It has an automatic system that prevents the formation of scale on the electrolysis cells – can be programmed by users from the control panel.

Production control. Eleven production control levels. From 0 to 100%.

Recommended: control pH levels using **36002-36004** machines.

COMPATIBLE
NN thing ®
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Smart+ 60	**42350**	1	5	0,046
Smart+ 100	**42351**	1	7	0,046
Smart+ 160	**42352**	1	9	0,046
Opcional: Kit comunicación Fluidra Connect compatible	**60363**	1	-	-

Smart+ pH

Professional unit. Three external controls (redox, cover and flowmeter) may be adapted (included).

Mass-produced equipment with a bubble detector, flow detector and a 50-1/2 connection collar.

Comes with high quality electrodes, has a service life of 15,000 hours under laboratory conditions, and 10,000–12,000 hours under normal conditions.

Salinity alarm: has different LED indicators for HIGH and LOW salinity. It shows the salt levels needed.

Polarity inversion regulation current.

It has an automatic system that prevents the formation of scale on the electrolysis cells – can be programmed by users from the control panel.

Production control. Eleven production control levels. From 0 to 100%.

Automatic control of pH included. pH dosing pump not included.

Dosing pumps not included.

COMPATIBLE
NN thing ®
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Smart+ pH 60	**52569**	1	-	-
Smart+ pH 100	**52570**	1	-	-
Smart+ pH 160	**52571**	1	-	-
Optional: Compatible Fluidra Connect kit	**60363**	1	-	-

WATER TREATMENT

SALT ELECTROLYSIS AND PH/CL CONTROL

Sel Pure

Self-cleaning salt electrolysis through polarity inversion. Salt concentration of 4 g/l. Easy to install and use, it is recommended for pools up to 160 m3. Flow detection connector, earthing and salt test strips included. Builtin self-diagnosis function and 0% - 100% production control. Connection for automatic cover. Recommended for indoor and outdoor pools.

COMPATIBLE
NN thing®
Fluidra Connect compatible

		Code	Std. Pack	Standard Weight kg	Standard Volume m^3
Chlorine production					
Up to 60 m^3	16 g/h	**66675**	1	6,10	0,025
Up to 100 m^3	25 g/h	**66676**	1	6,20	0,025
Up to 160 m^3	30 g/h	**66677**	1	6,30	0,025

pH Pure

Automatic pH regulation system for pools up to 200 m^3 with built-in 2.4 l/h pump. Automatic calibration without tampon solution. Visual operating display.

COMPATIBLE
NN thing®
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m^3
Up to 200 m^3	**66674**	1	4,4	0,025

Dual Pure

Self-cleaning salt electrolysis through polarity inversion and automatic pH regulation. Easy to install and use, recommended for pools up to 160 m3. 2-in-1 Sel Pure and pH Pure combination in a single device, each one operating separately. Flow detection connector, earthing and salt test strips included. Built-in self-diagnosis function and 0% - 100% production control. Connection for automatic cover. Recommended for indoor and outdoor pools.

COMPATIBLE
NN thing®
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m^3
Dual Pure 60	**66678**	1	-	-
Dual Pure 100	**66679**	1	-	-
Dual Pure 160	**66680**	1	-	-

WATER TREATMENT
SALT ELECTROLYSIS AND PH/CL CONTROL

Salt water chlorinators for commercial pools are becoming popular because they are efficient, practical, safe and well priced.

Our wide range of industrial electrolysis systems covers self-cleaning equipment of up to 600 grams/hour of Chlorine, which makes it possible to use saline electrolysis to treat the water at any public use facility.

Main advantages:

- Safety: There is no need to store, handle or dose any chemical products and therefore it is a much safer system. The raw material stored is common salt.
- Savings: The introduction of saline electrolysis systems can bring net savings in operating costs of around 50-60%, with respect to traditional systems.

Peristaltic pump not included.

	EASY SALT	PRO-CHLORE SALT	NATURE SALT
Self-cleaning electrodes	7.000 - 10.000 h	8.000 - 12.000 h	6.000 - 8.000 h
Salinity range	5 - 12 g/l (recommended 5 - 6 g/l)	5 - 12 g/l (recommended 5 - 6 g/l)	1,5 - 3 g/l (recommended 2 - 2,5 g/l)(*)
Production (g/h)	70 - 180	50 - 600	50 - 300

(*): Operating range 1.5–5 g/l depending on the temperature (28–35 °C) and nominal output (80–100%)

Easy Salt

Self-Cleaning electrolysis system, for residential and public pool applications use up to 180 g chlorine/hour. Easy Salt is a compact and cost competitive equipment. It has built-in (EXT-1, EXT-1E) or external control options (AP PR 60359-60361-60362, Smart Control 54523-4-5).

COMPATIBLE
NNthing
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Easy Salt 50	**66151**	1	-	-
Easy Salt 70	**53799**	1	-	-
Easy Salt 90	**53801**	1	-	-
Easy Salt 180	**53803**	1	-	-
External control option (AP PR 60359-60361-60362, Smart Control 54523-4-5)				
Easy Salt 50 + pH/ORP (EXT-1)	**66153**	1	-	-
Easy Salt 70 + pH/ORP (EXT-1)	**53800**	1	-	-
Easy Salt 90 + pH/ORP (EXT-1)	**53802**	1	-	-
Easy Salt 180 + pH/ORP (EXT-1)	**53804**	1	-	-
Optional probe holder for EXT-1 (EXT-1+66448 = EXT-1D)	**66448**	1	-	-
Optional: Connection kit compatible with Fluidra Connect	**60363**	1	-	-

EXT-1   57769
EXT-1E

ELECTRÓLISIS DE SAL Y CONTROL DE PH/CL

Pro-Chlore Salt

Our Pro-Chlore Salt range includes EX electrodes that provide the highest level of durability in self-cleaning systems. The Pro-Chlore Salt range with its integrated EX-TENSION options (EXT-1, EXT-1E, EXT-2) or external control options (AP PR200, Smart Control) includes a control and regulation system for ORP values (Redox) or ppm, as well as pH, allowing improved management of the equipment and an excellent water quality at all times. The Pro-Chlore range can be manufactured, on request, for seawater (Pro Chlore Salt AM Series). External control option (AP PR 60359-60361-60362, Smart Control 54523-4-5).

Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Pro-Chlore Salt A-50EX	**35252**	1	55	0,17
Pro-Chlore Salt A-80EX	**35253**	1	65	0,19
Pro-Chlore Salt A-120EX	**35254**	1	100	0,36
Pro-Chlore Salt A-180EX	**35255**	1	120	0,36
Pro-Chlore Salt A-300EX	**35256**	1	140	0,36
Pro-Chlore Salt A-600EX	**35257**	1	200	0,74

External control option
(AP PR 60359-60361-60362, Smart Control 54523-4-5)

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Pro-Chlore Salt A-50EX + pH/ORP (EXT-1)	**35258**	1	55	0,17
Pro-Chlore Salt A-80EX + pH/ORP (EXT-1)	**35259**	1	65	0,19
Pro-Chlore Salt A-120EX + pH/ORP (EXT-1)	**35260**	1	100	0,36
Pro-Chlore Salt A-180EX + pH/ORP (EXT-1)	**35261**	1	120	0,36
Pro-Chlore Salt A-300EX + pH/ORP (EXT-1)	**35262**	1	140	0,36
Pro-Chlore Salt A-600EX + pH/ORP (EXT-1)	**35263**	1	200	0,74

Optional probe holder for EXT-1
(EXT-1+57769=EXT-1E)

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
	57769	1	-	-

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Pro-Chlore Salt A-50EX + pH/PPM (EXT-2)	**45836**	1	60	0,17
Pro-Chlore Salt A-80EX + pH/PPM (EXT-2)	**45837**	1	70	0,19
Pro-Chlore Salt A-120EX + pH/PPM (EXT-2)	**45838**	1	105	0,36
Pro-Chlore Salt A-180EX + pH/PPM (EXT-2)	**45839**	1	125	0,36
Pro-Chlore Salt A-300EX + pH/PPM (EXT-2)	**45840**	1	145	0,36
Pro-Chlore Salt A-600EX + pH/PPM (EXT-2)	**45841**	1	205	0,74

Probe holder included with EXT-2

AM Options for seawater (on request). Example: 45836-AM.

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Optional: Connection kit compatible with Fluidra Connect	**60363**	1	-	-

SEE TECHNICAL SPECIFICATIONS ON PAGE 16

SALT ELECTROLYSIS AND PH/CL CONTROL
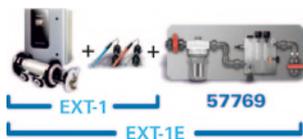
Nature Salt

Nature Salt products have a sustainable cycle through the removal of chloramines, running through 2 grams of salt per liter and no chemical treatment. Self-cleaning commercial salt electrolysis system for use in public pools use up to 300 gr. chlorine / hour. TWIN-CELL Cell high pressure SYSTEM equipped with electrodes Nature Salt quality. Expanded functions by means of optional integrated control extensions (EXT-1, EXT 1E, EXT-2) or external panel extensions (AP PR Series 60359-60361-60362 and Smart Control Series 54523-4-5).
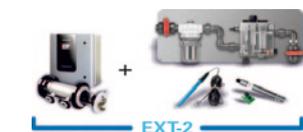
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Nature Salt 50EX/LS	**53810**	1	80	0,17
Nature Salt 80EX/LS	**53811**	1	90	0,19
Nature Salt 120EX/LS	**53812**	1	130	0,36
Nature Salt 180EX/LS	**53813**	1	145	0,36
Nature Salt 300EX/LS	**53814**	1	170	0,36

External control option
(AP PR 60359-60361-60362, Smart Control 54523-4-5)

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Nature Salt 50EX/LS + pH/ORP (EXT-1)	**53815**	1	80	0,17
Nature Salt 80EX/LS + pH/ORP (EXT-1)	**53816**	1	90	0,19
Nature Salt 120EX/LS + pH/ORP (EXT-1)	**53817**	1	130	0,36
Nature Salt 180EX/LS + pH/ORP (EXT-1)	**53818**	1	145	0,36
Nature Salt 300EX/LS + pH/ORP (EXT-1)	**53819**	1	170	0,36
Optional probe holder for EXT-1 (EXT-1+57769=EXT-1E)	**57769**	1	-	-
Nature Salt 50EX/LS + pH/PPM (EXT-2)	**53820**	1	85	0,36
Nature Salt 80EX/LS + pH/PPM (EXT-2)	**53821**	1	95	0,36
Nature Salt 120EX/LS + pH/PPM (EXT-2)	**53822**	1	135	0,36
Nature Salt 180EX/LS + pH/PPM (EXT-2)	**53823**	1	150	0,74
Nature Salt 300EX/LS + pH/PPM (EXT-2)	**53824**	1	175	0,74

Probe holder included with EXT-2

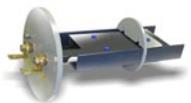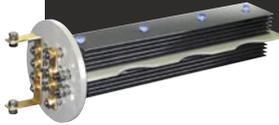|	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Optional: Connection kit compatible with Fluidra Connect	**60363**	1	-	-

SEE TECHNICAL SPECIFICATIONS ON PAGE 16

WATER TREATMENT

SALT ELECTROLYSIS AND PH/CL CONTROL

Self-cleaning electrodes

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Pro-Chlore Salt Series				
A-50EX/EXT-1/EXT-2	**60634**	1	-	-
A-80EX/EXT-1/EXT-2	**60636**	1	-	-
A-120EX/EXT-1/EXT-2	**60676**	1	-	-
A-180EX/EXT-1/EXT-2	**60677**	1	-	-
A-300EX/EXT-1/EXT-2	**60678**	1	-	-
A-600EX/EXT-1/EXT-2	**60679**	1	-	-
Nature Salt Series				
A-50EX/LS/EXT-1/EXT-2	**60680**	1	-	-
A-80EX/LS/EXT-1/EXT-2	**60681**	1	-	-
A-120EX/LS/EXT-1/EXT-2	**60682**	1	-	-
A-180EX/LS/EXT-1/EXT-2	**60683**	1	-	-
A-300EX/LS/EXT-1/EXT-2	**60684**	1	-	-
Easy Salt Series				
EASY SALT 70/EXT-1	**60685**	1	-	-
EASY SALT 90/EXT-1	**60686**	1	-	-
EASY SALT 180/EXT-1	**60687**	1	-	-

Suitable for Easy Salt, Pro-Chlore Salt and Nature Salt:

	pH	ORP	Free chlorine*
Components supplied	H-035 probe/ pH buffer solution (7.0–4.0)	RX-02 probe/ ORP buffer solution (470 mV)	Probe CL0102 ID-CAL calibration card
	Two ½" PE probe holder connectors (standard in all models), probe holder panel with inductive flow rate sensor, flow rate and pre-filter regulator (standard in all ppm models)		
Dimensions	600 x 240 x 120 mm (panel)		
pH control outlet	230 V/50–60 Hz/0.5 A (max.), ON/OFF		
Scale	0,0 - 9,9	0 - 999 mV	0,0 - 5,0 ppm
Control range	7,0 - 7,8	650 - 850 mV	0,0 - 5,0 ppm
Accuracy	0,1 pH	1 mV	0,1 ppm
Calibration	Automatic (two modes) Fast: one-point calibration Standard: two-point calibration	Automatic one-point calibration	Automatic (one-point using external DPD calibrator – not supplied)

* Not available for Easy Salt

Suitable for Pro-Chlore Salt

	A-50	A-80	A-120	A-180	A-300	A-600
Power supply (AC)	230 V / 50 - 60 Hz			380 V / 50 - 60 Hz		
Power rating (AC): 30C 5g/l	1,6 A	2,9 A	4,6 A	2,6 A	4,3 A	8,2 A
Cable:	H017 V/K					
Input (AC)	3 x 1,0 mm²	3 x 1,0 mm²	3 x 2,5 mm²	5 x 1,5 mm²	5 x 4 mm²	5 x 4,0 mm²
Output (DC)	2 x 10 mm²	2 x 25 mm²	2 x 35 mm²	2 x 70 mm²	2 x 120 mm²	3 x 240 mm²
Pipe connection	1 ½" female thread	Flanges D63 mm		Flanges D90 mm		
Fuse	5 AT (6 x 32 mm)	7 AT (6 x 32 mm)	10 AT (6 x 32 mm)	QM K10A	QM K20A	QM K25A
Output	9 V/25 A	10 V / 40 A	10 V / 60A	10 V / 90 A	10 V / 150 A	10 V / 300 A
Cooling	Natural	Fan				
Minimum flow rate	9 m³/h	14 m³/h	20 m³/h	30 m³/h	50 m³/h	90 m³/h
Electrodes	8	12	8	12	16	2 x 15

UV AUTOMATIC DISINFECTION FOR RESIDENTIAL POOLS

Neolysis, the most advanced water treatment by AstralPool: + Sustainability + Innovation + Disinfection + Healthy.

Advantages:

- Water suitable for watering.
- Dual disinfection based on UV and electrolysis.
- Unbeatable water quality.

Characteristics:

- The ultimate in chloramine reduction capacity (UV LP + Electroysis).
- UV LP HO lamps (13,000 h).
- Patented process.

Neolysis S (6 g/l) + UV for private pools

No need to add any extra salt. Natural conductivity in the operating range of 1.5–3 g/l depending on the temperature (28–35 °C) and nominal output (80–100%).

Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
AP NEO/S (6 Gr/l) 12 Gr/h + UV 48 W	**66126**	1	-	-
AP NEO/S (6 Gr/l) 24 Gr/h + UV 56 W	**66127**	1	-	-
AP NEO/S (6 Gr/l) 32 Gr/h + UV 56 W	**66128**	1	-	-
AP NEO/S (6 Gr/l) 12 Gr/h + UV 48 W + pH	**66129**	1	-	-
AP NEO/S (6 Gr/l) 24 Gr/h + UV 56 W + pH	**66130**	1	-	-
AP NEO/S (6 Gr/l) 32 Gr/h + UV 56 W + pH	**66131**	1	-	-
AP NEO/S (6 Gr/l) 12 Gr/h + UV 48 W + pH/ORP	**66139**	1	-	-
AP NEO/S (6 Gr/l) 24 Gr/h + UV 56 W + pH/ORP	**66140**	1	-	-
AP NEO/S (6 Gr/l) 32 Gr/h + UV 56 W + pH/ORP	**66141**	1	-	-
Optional: Compatible Fluidra Connect kit (without lamp control)	**60363**	1	-	-

WATER TREATMENT

UV AUTOMATIC DISINFECTION FOR RESIDENTIAL POOLS

Neolysis LS (1.5–3 g/l) + UV for private pools

No need to add any extra salt. Natural conductivity in the operating range of 1.5–3 g/l depending on the temperature (28–35 °C) and nominal output (80–100%).

COMPATIBLE
NN thing®

Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
AP NEO 12 Gr/h + UV 48 W	**57744**	1	-	-
AP NEO 24 Gr/h + UV 56 W	**57745**	1	-	-
AP NEO 32 Gr/h + UV 56 W	**57746**	1	-	-
AP NEO 12 Gr/h + UV 48 W + pH	**57747**	1	-	-
AP NEO 24 Gr/h + UV 56 W + pH	**57748**	1	-	-
AP NEO 32 Gr/h + UV 56 W + pH	**57749**	1	-	-
AP NEO 12 Gr/h + UV 48 W + pH/ORP	**57750**	1	-	-
AP NEO 24 Gr/h + UV 56 W + pH/ORP	**57751**	1	-	-
AP NEO 32 Gr/h + UV 56 W + pH/ORP	**57752**	1	-	-
Optional: Compatible Fluidra Connect kit (without lamp control)	**60363**	1	-	-

AUTOMATIC UV DISINFECTION FOR PRIVATE POOLS

Neolysis, the most advanced water treatment by AstralPool: + Sustainability + Innovation + Disinfection + Healthy.
Advantages:
- Unbeatable water quality.
- Dual disinfection based on UV and electrolysis.
Characteristics:
- Two options: low salinity of 2–3 g/l (Neo LS) and standard salinity of 6 g/l (Neo S).
- The ultimate in chloramine reduction capacity (UV LP + Electroysis).
- Self-cleaning electrodes that last 12,000–15,000 hours (NeoLS and Neo S).
- LP HO UV lamp (13,000 hours)
- Patented process.

Neolysis S (6 g/l) + UV for public pools

COMPATIBLE
NN thing®
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m^3
AP NEO/S 50 Gr/h + UV 75 W	**66142**	1	-	-
AP NEO/S 80 Gr/h + UV 90 W	**66143**	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W	**66144**	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W	**68120**	1	-	-
AP NEO/S 250 Gr/h + UV 4 x 90 W	**68123**	1	-	-

External control option
(AP PR 60359-60361-60362, Smart Control 54523-4-5)

	Code	Std. Pack	Standard Weight kg	Standard Volume m^3
AP NEO/S 50 Gr/h + UV 75 W + pH/ORP (EXT-1)	**66145**	1	-	-
AP NEO/S 80 Gr/h + UV 90 W + pH/ORP (EXT-1)	**66146**	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W + pH/ORP (EXT-1)	**66147**	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W + pH/ORP (EXT-1)	**68121**	1	-	-
AP NEO/S 250 Gr/h + UV 4 x 90 W + pH/ORP (EXT-1)	**68124**	1	-	-
Optional probe holder for EXT-1	**57769**	1	-	-
AP NEO/S 50 Gr/h + UV 75 W + pH/PPM (EXT-2)	**66148**	1	-	-
AP NEO/S 80 Gr/h + UV 90 W + pH/PPM (EXT-2)	**66149**	1	-	-
AP NEO/S 120 Gr/h + UV 2 x 90 W + pH/PPM (EXT-2)	**66150**	1	-	-
AP NEO/S 180 Gr/h + UV 3 x 90 W + pH/PPM (EXT-2)	**68122**	1	-	-
AP NEO/S 250 Gr/h + UV 4 x 90 W + pH/PPM (EXT-2)	**68125**	1	-	-

EXT-1 + 57769 = EXT-1E

EXT-1
57769
EXT-1E

Portasondas incluido en EXT-2

EXT-2

	Code	Std. Pack	Standard Weight kg	Standard Volume m^3
Optional: Connection kit compatible with Fluidra Connect (without lamp control)	**60363**	1	-	-

AP NEO Basic	AP NEO pH/ORP	AP NEO pH/PPM	Zero Salt Electrolysis + UV output
66142	66145	66148	50 gr Cl_2 /hr + 75 W UV
66143	66146	66149	80 gr Cl_2 /hr + 90 W UV
66144	66147	66150	120 gr Cl_2 /hr + 180 W UV
68120	68121	68122	180 gr Cl_2 /hr + 270 W UV
68123	68124	68125	250 gr Cl_2 /hr + 360 W UV

WATER TREATMENT

AUTOMATIC UV DISINFECTION FOR PRIVATE POOLS

Neolysis LS (2–3 g/l) + UV for public pools
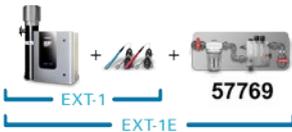
COMPATIBLE
NN thing
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
AP NEO 50 Gr/h + UV 75 W	**57753**	1	-	-
AP NEO 80 Gr/h + UV 90 W	**57761**	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W	**57762**	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W	**68117**	1	-	-

EXT-1 + 57769 = EXT-1E

External control option
(AP PR 60359-60361-60362, Smart Control 54523-4-5)

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
AP NEO 50 Gr/h + UV 75 W + pH/ORP (EXT-1)	**57763**	1	-	-
AP NEO 80 Gr/h + UV 90 W + pH/ORP (EXT-1)	**57764**	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W + pH/ORP (EXT-1)	**57765**	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W + pH/ORP (EXT-1)	**68118**	1	-	-
Optional probe holder for EXT-1	**57769**	1	-	-

Portasondas incluido en EXT-2

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
AP NEO 50 Gr/h + UV 75 W + pH/PPM (EXT-2)	**57766**	1	-	-
AP NEO 80 Gr/h + UV 90 W + pH/PPM (EXT-2)	**57767**	1	-	-
AP NEO 120 Gr/h + UV 2 x 90 W + pH/PPM (EXT-2)	**57768**	1	-	-
AP NEO 180 Gr/h + UV 3 x 90 W + pH/PPM (EXT-2)	**68119**	1	-	-

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Optional: Connection kit compatible with Fluidra Connect (without lamp control)	**60363**	1	-	-

AP NEO Basic	AP NEO pH/ORP	AP NEO pH/PPM	Zero Salt Electrolysis + UV output
57753	57763	57766	50 gr Cl_2 /hr + 75 W UV
57761	57764	57767	80 gr Cl_2 /hr + 90 W UV
57762	57765	57768	120 gr Cl_2 /hr + 180 W UV
68117	68118	68119	180 gr Cl_2 /hr + 270 W UV

CONTROL UNITS

Control Basic Plus

Small in size, it has been designed to prevent siphoning, require little maintenance, be easy to install and is protected from the spraying of chemical products. The device automatically measures and checks a pool's pH or redox.

Supplied without sensors or calibration solutions. Installation kit included.

- Plastic housing with IP-65 protection rating
- Backlit LCD display comprising 2 lines and 16 characters.
- Self-calibration of electrodes.
- Quality control of electrodes.
- Dosing pause during alarms and notification by a blinking LED.
- Proportional dosing.
- Adjustable set point.
- Flow rate: 1,5 l/h or 5 l/h.
- Back pressure: 1.5 bar.
- pH measurement range: 0.00 to 14.00.
- Redox measurement range: -999 to + 999 mV.
- Switch.
- Alarm relay.
- Minimum chemical product level input.
- PT100 temperature input (optional sensor).

Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Control Basic 1,5 l/h	**66159**	1	2,2	0,01
Control Basic 5,0 l/h	**66160**	1	2,2	0,01
pH electrode with calibration solutions	**36004**	1	0,4	0,001
Redox electrode with calibration solutions	**36005**	1	0,3	0,001
Optional: PT100 sensor	**66758**	1	-	-
Flange for PT100	**66759**	1	-	-

WATER TREATMENT
CONTROL UNITS

Redox Basic EV Plus

Small in size, it has been designed to prevent siphoning, require little maintenance, be easy to install and is protected from the spraying of chemical products. The device automatically measures and checks a pool's pH or redox. Recommended for use with Sel Pure, Sel Basic, Smart and Smart+ pH.

Supplied without sensors or calibration solutions. Installation kit included.
• Plastic housing with IP-65 protection rating
• Backlit LCD display comprising 2 lines and 16 characters.
• Self-calibration of electrodes.
• Quality control of electrodes.
• Dosing pause during alarms and notification by a blinking LED.
• Proportional dosing.
• Adjustable set point.
• Redox measurement range: -999 to + 999 mV.
• Switch.
• Alarm relay.
• Output relay for external component.
• Minimum chemical product level input.
• PT100 temperature input (optional sensor).

COMPATIBLE
NN thing ®
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Redox Basic EV Sensor not included	**66161**	1	2,1	0,01
Redox electrode with calibration solutions	**36005**	1	0,3	0,001
Optional:				
PT100 sensor	**66758**	1	-	-
Flange for PT100	**66759**	1	-	-

CONTROL UNITS

Control Basic Doble pH-EV Plus

The DUAL pH-EV BASIC CONTROL dosing device has been specifically designed for automatically controlling pH and redox (ORP) levels.

It is a must in home spas and pools. It can work with a salt chlorinator or chlorine tablets, as it has relay output for enabling the chlorinator, in addition to controlling a pool's pH levels though a peristaltic pump.

It is the most simple control and dosing device in the market. Small in size, it has all of the components required for immediate installation.

Depending on the device that has been connected, the control function can be set to the ON-OFF setting or proportional setting (ideal for solenoid valves).

Fluidra Connect compatible

General technical features:

- Automatic pH or redox control and dosing system.
- Measurement range of 0–14 (pH) and 0–100 mV (redox).
- It comes with a full installation kit, made up of a pH electrode, a probe holder, standard solutions, suction and blow pipes, and suction and blow pipe fittings.
- ABS casing with IP65 protection rating.
- Digital screen that gives pH, redox (ORP) and temperature (optional Pt100) readings
- Remote on-off input (230 VAC) that keeps display lit up for calibration and programming.
- Chemical product level inlet.
- Alarm relay.

	Code	Std. Pack	Standard Weight kg	Standard Volume m^3
Dual pH-EV Basic Control 1.5 l/h compatible with Fluidra Connect (includes probes)	**66180**	1	-	-

WATER TREATMENT
CONTROL UNITS

Optima

OPTIMA dosing pump with built-in pH/Redox control. pH/Redox instrument.

Automatic calibration: Calibration by simply pressing a button, with the possiblity of controlling the level of probe efficiency.

COMPATIBLE
NN thing ®

Fluidra Connect compatible

Features:

- Power supply from 90 to 265 VAC 50/60 Hz.
- Manual temperature adjustment for pH or optional automatic adjustment with PT100.
- 4–20 mA for recording images and transmitting the average value.
- Level alert that disconnects the pump or a standard product failure alert from the alarm relay.
- Programmable setpoint deviation alert for the whole range of measurement.
- Dosing delay time for preventing the dosing pump form injecting products in the event of probe malfunction.
- Limited dosing pump flow rate to prevent accidental overdosing.
- Data programmed protected by password.
- Alarms may be connected.

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Type C Optima Redox/pH control dosing pump (10 bar and 5 l/h and 5 bar and 10 l/h)	**66179**	1	4,5	0,01

Installation kit				
Control Basic	•	•	•	•
Redox Basic			•	•
Dual pH-EV Basic Control	•	•	•	•

Sensors				
pH sensor with calibration solutions (Code: 36004)	•		•	
Redox sensor with calibration solutions (Code: 36005)		•		•

CONTROL UNITS

Controller

The panels in the CONTROLLER range are fully equipped and assembled systems, which are ideal for a number of water treatment applications. Their simple, compact design makes them extremely easy to instal and start up.

They come with all of the components and accessories required for rapid assembly. All assemblies are made of PVC sheets, in various sizes depending on the model.

COMPATIBLE

NN thing ®

Fluidra Connect compatible

General technical features:

• Range of available sizes depending of the probe selected.
• Range available for free chlorine: 0-2, 0-5 0-10, 0-20 and 0-200 ppm.
• pH range: 0–14. ORP range: +/-1,500 mV. Temperature range: 0–50 °C).
• Measurement of stable chlorine with low pH dependence.
• Self-calibration of all sizes.
• Alarm signal if water flow is insufficient.
• Instrument with IP65 protection rating.
• 250 V-10 A relays for connecting dosing pumps or salt chlorinators.
• 4-20 mA analogue outlets with repeat signal or manifold for proportional pumps.
• Power supply: 230 V / 50 Hz.
• Setpoints and programmable alarms.
• Pump pause function during calibration and for stopping flow.
• Temperature readings and readjustment (automatic with option PT100 probe).
• Three types of setpoint settings. On/Off, Proportional in Time and Proportional by Pulses.
• RS485 communications port.

Components included in the assembly:

• Methacrylate probe holder, with flow rate regulator, sample-taking valve and flow rate sensor.
• Filter holder and an 80-micron nylon filter cartridge for water inlet.
• Standard DPD buffer solutions.
• Assembly accessories, and instruction and installation manual.
• Sensors depending on version.

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Controller pH / Redox	**66178**	1	-	-
Controller pH / Free Chlorine	**66177**	1	-	-
Controller pH / ORP / Free Chlorine	**66176**	1	-	-
Controller Free Chlorine	**66175**	1	-	-
pH/Amperometric free chlorine sensor	**66168**	1	-	-
pH/ORP/Amperometric free chlorine sensor	**66169**	1	-	-
Controller pH / ORP / Free Chlorine / Total amperometric chlorine	**66170**	1	-	-

CONTROL UNITS

AP PR-200 - Compatible Electrolysis

The expert's choice for dosing control. The built-in panels based on Series AP PR controllers provide the best solution for the plug & play devices pre-assembled on the panel. There are several versions for the control of the water's pH, ORP and FREE CHLORINE levels.

AP PR-200 equipment is compatible with the Easy Salt, ProChlore Salt and Neolysis ranges

COMPATIBLE
NN thing ®

Fluidra Connect compatible

This is also the recommended solution for experts whenever several chlorination systems must be controlled at the same time from a single control and regulation panel (multiple control through the TIP kit).

60359

60361

60362

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
AP PR-206 pH/ORP	**60359**	1	-	-
AP PR-207 pH/Cl2 PPM*	**60361**	1	-	-
AP PR-204 Cl2 PPM*	**60362**	1	-	-
AP PR-206 pH/ORP + KIT TRI integrado	**60359**	1	-	-
AP PR-207 pH/Cl2 PPM + KIT TRI integrado*	**60361**	1	-	-
AP PR-204 Cl2 PPM + KIT TRI integrado*	**60362**	1	-	-
ECC1S Electrolyte / free chlorine sensor gel (seawater)	**64658**	1	-	-

Optional: TRI kit multiple control

* Models with Cl2 ppm: seawater can be used by substituting the gel electrolyte supplied with the standard unit for the gel electrolyte specifically for seawater (code 64658), which must be ordered separately.

LED LIGHTING

LumiPlus LED

Small in size, it has been designed to prevent siphoning, require little maintenance and be easy to instal. The LumiPlus LED system provides ambient lighting whenever desired in any colour for pools and aquatic facilities.

It comprises the LED spotlight, a LimiPlus modulator, a compatible Fluidra Connect module and a transformer, which are supplied separately.

The LEDs have a service life of 100,000 hours as opposed to 1,000 hours for conventional lamps and each LED spotlight saves upwards of 90% in power consumption.

The spotlights are fitted with red, green and blue LEDs of unbeatable brightness. The combination of these basic colours is able to emit and infinity of different colour high in luminosity and brightness.

COMPATIBLE
NN thing ®
Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Compatible Fluidra Connect module	**57434**	1	-	-
LumiPlus RGB + modulator Compatible Fluidra Connect module	**57435**	1	-	-

LED lighting ranges compatible with the modulator:

Lumiplus PAR56 2.0 RGB

Lumiplus PAR56 1.11 RGB

LumiPlus S-lim 2.11 RGB

LumiPlus S-lim 1.11 RGB

LumiPlus Rapid 1.11 RGB

LumiPlus Design RGB

LumiPlus Mini 2.11 RGB

LumiPlus Mini 3.13 RGB

LumiPlus Micro RGB

HEAT PUMPS

AstralPool Heat II

Air/Water heat pump suitable for swimming pools and spas. It will allow you to extend the use of your outdoor pool in the summer season by taking advantage of the air in the atmosphere.

COMPATIBLE NN thing®
Fluidra Connect compatible

CHARACTERISTICS:

- Energy Saving. Operation mode COP: COP operation mode (Comprehensive Performance Operatinal) is based on knowing the energy efficiency of the machine during operation. To get to know the overall performance of the machine in real time the electronic card and reads the parameters appropriate sensors, performs the necessary calculations and adjusted to optimal performance at each facility.
- Wireless remote control that communicates by radio frequency through which we can have total control as the product on and off the machine, selecting heating or cooling mode (optional), selection of operating modes COP or ECO, selection of Pool or SPA heating (optional), change slogan, reading the temperature of the pool and outdoor temperature, alarm and signal flow.
- Alarm history and diagnosis of faults: It gives the team an alarm history and diagnosis of faults to be more effective in technical assistance and information available computer anywhere.
- Home automation devices compatible with Fluidra Connect. Remote control with functions such as start-stop, turning the heat up or down, choosing between the Filtration and Comfort modes, and selecting the power saving settings (ECO, EMO or none).
- Strong and light design in injected ABS+UV resistant to sun's radiation. Colour does not degrade.
- Long and hight efficency Evaporation Battery (gas-air exchanger) made of copper and aluminium fins, suitable for corrosive environments and costal locations.
- Axial fan with Engine of direct coupling.
- SCROLL compressors with internal protection.
- Titanium Condensers made with a PVC casing and TITANIUM G2 coil according to ASTM B 338.99 standard. Granted against corrosion.
- R-407_C full charge.
- and deoxidised copper.
- Refrigeration circuit of dehydrated, nitrogenated and deoxidised copper.
- Expansion via thermostatic valve, with external balancing unit.
- Dehydrating filter.
- Hydraulic circuit with water inlet flow switch made of PVC, good elasticity and high resistance against fissures, imperative for hot and pressured liquid transportation.
- Electrical cabinet with high sensibility digital regulation and filtering pump control. Keyboard blocking.
- Display protection cover.
- Intelligent Heat: This system mantains automatically the set temperature of the swimming pool or spa, controlling the filtering system.
- Phase Monitor: Protects the compressor against losses and phase inversion.
- Defrost: Activating the fan, the unit defrosts the evaporator.
- New ECO system: In stopping periods, it maintains the installation at a closer temperature to the set temperature to save energy.

OPTIONAL:

- Gas defrosting: the unit can work at temperatures lower than 5°C, defrosting the evaporator if needed. Only with the reversible option.
- Possibility of heating pool or spa: Optional power with the same heat a pool or spa equipment and its control of three-way valves (not included) and the system debugger.
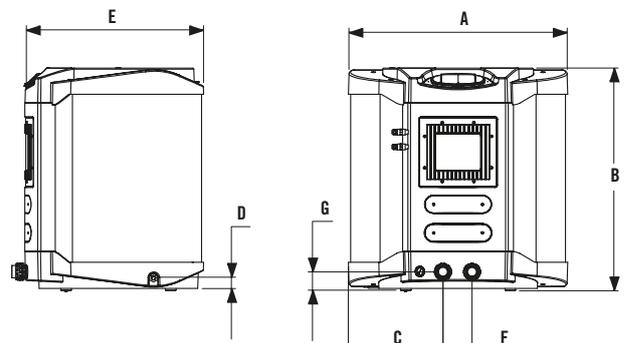- Wintering cover

AstralPool Toolbox app for IOS and Android

Web Heat pump configurator:

www.astralpool.com -> Calculation tools

HEAT PUMPS

AstralPool Heat II

Size	B150/R150	B200/R200	B250/R250	B300/R300
A	89	101	101	101
B	80	106	106	106
C	38	44	44	44
D	4	4	4	4
E	69	83	83	83
F	13	13	13	13
G	15	27	27	27

Note : dimensions in cm.

	Code	Std. Pack	Standard Weight kg	Standard Volume m^3
Non-reversible version				
AstralPool Heat B150-M	**54069-MB**	1	-	-
AstralPool Heat B150-T	**54070-MB**	1	-	-
AstralPool Heat B200-M	**54071-MB**	1	-	-
AstralPool Heat B200-T	**54072-MB**	1	-	-
AstralPool Heat B250-M	**54073-MB**	1	-	-
AstralPool Heat B250-T	**54074-MB**	1	-	-
AstralPool Heat B300-T	**54075-MB**	1	-	-
Reversible version				
AstralPool Heat R150-M	**54079-MB**	1	-	-
AstralPool Heat R150-T	**54080-MB**	1	-	-
AstralPool Heat R200-M	**54081-MB**	1	-	-
AstralPool Heat R200-T	**54082-MB**	1	-	-
AstralPool Heat R250-M	**54083-MB**	1	-	-
AstralPool Heat R250-T	**54084-MB**	1	-	-
AstralPool Heat R300-T	**54089-MB**	1	-	-
Winter cover				
APHeat 100/150	**02660188**	1	-	-
APHeat 200/250/300	**02660189**	1	-	-

Ask you dealer for information about products that are compatible with Fluidra Connect.

HEATING
HEAT PUMPS

AstralPool Heat II

TECHNICAL SPECIFICATIONS								
BASIC		B150-M	B150-T	B200-M	B200-T	B250-M	B250-T	B300-T
CODE		54069-MB	54070-MB	54071-MB	54072-MB	54073-MB	54074-MB	54075-MB
REVERSIBLE		R150-M	R150-T	R200-M	R200-T	R250-M	R250-T	R300-T
CODE		54079-MB	54080-MB	54081-MB	54082-MB	54083-MB	54084-MB	54089-MB
Voltage	V/Ph/Hz	230/2/50	400/3/50	230/2/50	400/3/50	230/2/50	400/3/50	400/3/50
HEAT EXCHANGER		TITANIUM						
COMPRESSOR		SCROLL						
CASING		ABS						
REFRIGERANT R-407-C		B150-M	B150-T	B200-M	B200-T	B250-M	B250-T	B300-T
		1,6 kg	1,6 kg	1,88 kg	2,0 kg	2,0 kg	2,0 kg	2,3 kg
		R150-M	R150-T	R200-M	R200-T	R250-M	R250-T	R300-T
		1,9 kg	1,9 kg	2,2 kg	2,2 kg	2,2 kg	2,2 kg	2,7 kg
HIGH WATER FLOW ALARM	(bar)	24 - 18 bar / 350 - 260 psi						
LOW WATER FLOW ALARM		0,7 - 2,2 bar / 10 - 32 psi						
OPTIMAL WATER FLOW	m³/h	12						
MINIMUM WATER FLOW		6						
AIR FLOW RATE	m³/h	3.500		7.000				
SOUND LEVEL 1 mts	dB(A)	67		70				
SOUND LEVEL 3 mts		59		62				
WATER CONNECTION SIZE	Ø mm	50						
27°C T°.AIR INPUT POWER	KW	2,7	2,7	3,9	3,9	5,2	5,2	6,2
27°C T°.AIR OUTPUT POWER	KW	15,1	15,1	20	20	26	26	30
27°C T°.AIR COP		5,69	5,69	5,1	5,1	5	5	4,8
15°C T°.AIR INPUT POWER	KW	2,6	2,6	3,7	3,7	4,9	4,9	5,8
15°C T°.AIR OUTPUT POWER	KW	11,6	11,6	15,7	15,7	22	22	26
15°C T°.AIR COP		4,46	4,46	4,2	4,2	4,4	4,4	4,5
5°C T°.AIR INPUT POWER	KW	2,5	2,5	3,5	3,5	4,8	4,8	5,2
5°C T°.AIR OUTPUT POWER	KW	7,6	7,6	10,3	10,3	15	15	19
5°C T°.AIR COP		3,04	3,04	2,5	2,5	3,1	3,1	3,6
RECOMMENDED WATER VOLUME	m³ Máx.	48		65		89		103
	m³ Mín.	30		40		53		65

HEAT EXCHANGERS

Compact ElectricHeat

EXTERNALLY:

- New linear configuration that offers ease of installation.
- New, more compact and simpler "all in" design. Simple and elegant lines.
- New, clearer and simpler user interface, now with touch sensors and next-generation OLED display.
- More information for the user in a more intuitive fashion.
- New electrical connection system, simpler and faster.

INTERNALLY:

- Simplicity of components: the internal components have been simplified and reduced.
- Replaceable parts: now the internal components are easy to access and replace.
- New electronic control, more accurate and secure.
- New software & hardware capable of detecting faults in plant and equipment.
- New electric actuation, without moving parts, more reliability and noiseless.
- Standard model with Incoloy resistance, Titanium model with resistances in titanium.
- Model specifically for Fluidra Connect.

Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Fluidra Connect versions				
Compact 3 Titanium	**65321**	1	-	-
Compact 6 Titanium	**65322**	1	-	-
Compact 9 Titanium	**65323**	1	-	-
Compact 12 Titanium	**65324**	1	-	-
Compact 18 Titanium	**65325**	1	-	-

TECHNICAL FEATURES						
MODELS		COMPACT 3	COMPACT 6	COMPACT 9	COMPACT-12	COMPACT-18
Code		65321	65322	65323	65324	65325
Power	W	3.000	6.000	9.000	12.000	18.000
ELECTRICAL SUPPLY	V/Ph/Hz	220/2/50 o 380/4/50	220/2/50 o 380/4/50	220/2/50 o 380/4/50	220/2/50 o 380/4/50	380/3/50
MIN. WATER FLOW RATE	m³/h	2,4				
MAX. WATER FLOW RATE	m³/h	15				
SERVICE PRESSURE	bar	2				
MAX. PRESSURE	bar	3				
Ø WATER CONNECTION	mm	50/63				
MAX. ABSORBED INTENSITY (AMP)	220/2/50	14	27	41	54	-
	380/4/50	5	9	14	18	27
GROSS WEIGHT	Kg	4,20				
NET WEIGHT	Kg	4,80				

FILTRATION PUMPS

Viron variable speed pumps

Variable speed pumps are born as a new concept of pool pump. Variable speed pumps Astralpool Viron are the most efficient solution for the pool and their performance can be adapted according to the installation and user needs. By increasing and decreasing their speed, not only modify the speed and flow-rate, but also energy consumption.

Halving the speed of the pump is able to reduce the energy consumed in more than 85%. In addition, variable speed pumps Viron are controlled through an LCD display with backlighting showing RPM and have 4 timer settings for each day, allowing different speed settings.

AstralPool range in VIRON variable speed pumps is:

Viron P320: Ideal for the average sized pool, the P320 eVo has a flow rate sufficient to back wash up 800 mm diameter sand filters. The LCD display shows the RPM of the motor and provides up to four time periods each day with different speed settings to provide the perfect flow rate for the pool. The factory preset speeds incorporating the P320 model offers the following approximate flow rates: High: 292lpm Mid: 206lpm Low: 128lpm.

Viron P600: The Viron P600 eVo is capable of the most demanding applications with high flow and high pressure all the while delivering the utmost in energy efficiency. In addition the P600 eVo incorporates electronic power factor correction which provides even further reductions in power consumption, even on maximum speed. The factory preset speeds incorporating the P320 model offers the following approximate flow rates: High: 600lpm Mid: 426lpm Low: 200lpm.

APP AstralPool Toolbox para iOS y Android

Web
Calculadora de ahorro energético VIRON:
www.astralpool.com -> Herramientas de cálculo

66397

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
Viron P320 pump	**56561**	1	-	-
Viron P600 pump	**56562**	1	-	-
Safety power pack for Fluidra Connect.	**66397**	1	-	-

Fluidra Connect compatible

AUTOMATIC MULTIPORT VALVES

System VRAC II Basic automatic multiport valve

Automatic multiport valve model provided with push button keyboard for operation. Controls filtration, backwashing, rinsing and emptying.

- Adaptability: Adapts to all installations with a sand filter and installed quickly and easily.
- Comfort: With a simple programming using the keypad, you will receive a fully automated filtration of your pool.
- Hygiene: To obtain an optimal water quality for swimming, filtration runs every day, optimizing the wash cycles.
- Security: The Basic Bulk System automatic valve continuously monitors the filtration system, thus avoiding potential mishaps with your filtration.
- New informative LEDs.

Note: It is recommended that the multiport safety valve (codes 41898, 41899) be fitted.

Fluidra Connect compatible

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
System Vrac Basic 1½"	**57186**	1	4,27	0,023
System Vrac Basic 2"	**57187**	1	5,75	0,033

ASTRALPOOL MAC®

AstralPool MAC®

AstralPool has launched a unique product in the market to create a new concept in pool management that will revolutionise the sector worldwide.

AstralPool MAC® is not just an innovative product, it has introduced a new concept in the way we understand and manage pools, and will truly revolutionise the sector worldwide. AstralPool MAC®, the ultimate smart device for the physical and chemical control and maintenance of pools. AstralPool MAC® makes possible the full and intuitive control of pools thanks to its Smart Manager software, which enables users to adjust all pool settings (efficiency levels, filtration, dosing, temperature, etc.) from a touch screen display.

COMPATIBLE
NN thing®
Fluidra Connect compatible

AstralPool MAC® has been developed for old and new pools alike of up to 80 m3. It ensures that equipment runs at maximum efficiency by making savings of up to 50% on energy, 90% on chemical products and 50% on the amount of water used for backwashing in comparison with conventional pools. AstralPool MAC® is made up of two small modules (74.5 x 99.5 x 66.5 cm) that are compact, light enough to carry from one place to another and easy to install.
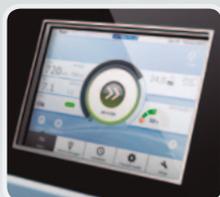
Furthermore, AstralPool MAC® can be remotely operated over a Wi-Fi network.

More information also available at www.astralpoolmac.com.

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
AstralPool MAC®				
Full AstralPool MAC®	**56748**	1	159,4	-
Main AstralPool MAC® module	**56748-5000**	1	90,0	-
APM Climate Control	**56750**	1	0,1	-

AstralPool MAC® manages maintenance for you

Welcome to the 3.0 pool

Control your pool with just one finger, from your home or office, using your smartphone or tablet. A true lesson in industrial engineering to make life easier for you. AstralPool MAC® is the celebration of technology working for mankind.

New AstralPool MAC® app: a remote control for your pool

www.astralpoolmac.com

FLUIDRA CONNECT ACCESSORIES

Fluidra Connect accessories

66395 - 66396

66390

66391

66392

66393

66394

66390

	Code	Std. Pack	Standard Weight kg	Standard Volume m³
230 VAC opto-isolator	**66395**	-	-	-
24 VAC opto-isolator	**66396**	-	-	-
Switch - 5 ports	**66390**	-	-	-
Power Line Communications - 2 ports	**66391**	-	-	-
Indoor Wi-Fi access point	**66392**	-	-	-
Outdoor router	**66393**	-	-	-
Portable router	**66394**	-	-	-
3G router (requires SIM card)	**67297**	-	-	-
3G router for DIN rail (requires SIM card)	**67298**	-	-	-
SEM1 single-phase network gauge	**67367**	-	-	-
SEM3 three-phase network gauge	**67368**	-	-	-

COMING SOON

HEAT PUMPS

Evoline

Pro-Elyo Inverter

ProHeat II

INTERNET OF POOLS

THE CLOUD

SERVER

CONNECT BOX

FLUIDRA
CONNECT

Further information:
www.fluidraconnect.com

FLUIDRA