PoolCop
Always. Better. Blue.

CATALOGUE 2025

PCFR PoolCop

Our Vision

To bring smart, sustainable and evoluative solutions to the world of aquatics.

At PCFR PoolCop, we've been developing intelligent technologies for more than 15 years, enabling us to offer solutions for managing the entire pool environment proactively and autonomously.

We innovate, design, develop and manufacture pool equipment and appliances, challenging traditional thinking to offer a totally new experience to pool owners and professionals, while keeping a watchful eye on ecological and economic issues.

Our team of experts, all specialists in their fields, works tirelessly and in close collaboration with pool professionals on an international scale, to respond to todays requirements, and anticipate tomorrow's needs. Reactivity, professionalism, expertise and an open mind: it's by combining these qualities that we are able to develop the most advanced functionalities.

Business Hours

Monday – Friday 09h00 - 12h00 and 14h00 - 17h00 CET
Closed on French public holidays

Catalogue Notes

Images in this catalogue show typical products, actual components may vary; images are non-contractual. We have a permanent research and development program, and consequently we reserve the right to make changes and improvements to any of the products described in this catalogue, without prior notification. Any mention in this catalogue of the "swimming pool owner" refers to the owner of the product(s). The owner may designate a representative to act on his behalf but remains responsible for the decisions and actions of this representative

All prices are recommended public price EXW excluding VAT in EUR (PPHT€)

Contents

PoolCop

ONE CONCEPT, TWO SOLUTIONS

Cutting-edge technologies and the Big Data Cloud platform bring an innovative solution to swimming pool maintenance and management.

Using advanced sensors and smart algorithms, PoolCop monitors what's happening in real-time, and analyzes the information it collects and logs. Equipped with a unique machine-learning capability, PoolCop progessively understands and predicts each individual pool's behaviour, and calculates the best care routine accordingly.

Instantaneous adjustments and intelligent features keep water consumption, energy and chemical products to a strict minimum, prolonging the lifespan of equipment, and transforming pool maintenance from reactive to proactive.

Whether it's a private or public pool, a new build, renovation or upgrade, PoolCop simplifies the daily tasks for pool professionals and brings pleasure back to pool owners, all from one control unit. But beyond that, the system is constantly addressing the ever growing environmental issues in order to be one step ahead of demands and provide smart solutions well before they become mandatory.

INCORPORATED FEATURES

Standard Features

PoolCop — Fully open system

Unlimited water volume (Genesis)

Monitoring and control via PoolCop Apps & Cloud Interfaces

Flow rate up to 30 m³/h (Evolution)

Pool portfolio remote management

Integrated RJ45 and Modbus communications

Key Functionalities

Filtration programming

Water level control - refill and reduction

Pool cover monitoring and control

Pump control and variable speed adjustment

Water temperature control

Control of additional equipment: cleaner, lighting, jet stream, fountain, heating...

Automatic filter cleaning

Water pressure monitoring

Antifreeze protection

Water Treatment

Water balance control and TA

Combined sensor for pH and ORP with floating earth technology

pH control

Overdosing security

Disinfection control

Drum level control

Smart Features

Early leak detection

Water analysis via Bluetooth

Pool light control based on ephemeris

Smart floating setpoint

Weather dependent automatic refilling
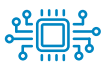
Remote sensor calibration

Integrated Technology

Smart algorithms and machine learning technology

Cloud AI technology

Automatic firmware updates

THE DATA DON'T LIE

CLOUD TECHNOLOGY

Increase pool performance each and every day.

Real time service insights into essential and critical functions, combined with data trending, brings instantaneous visualization and service-focused analysis of the status of all pools, spas and aquatic facilities/venues.

The PoolCop Cloud, powered by BigPool and FlowEngine, is able to provide the answer before the question has even arisen, using proactive and predictive big data modeling and smart learning AI.

PRODUCT ADVANTAGES

- Real time control and data for all residential and commercial pools and spas.

- Equipment agnostic for universal installation, in any pool, with any equipment, anytime, anywhere.

- Cellular connection option for constant reliable connection, because when it's mission critical, you need the data.

- Long-life sensors to reduce the need to calibrate, and using "floating reference" technology.

- Always up to date via automatic OTA firmware updating.

- Designed to be repaired not replaced, with spares and upgrades that significantly prolong the lifespan of the equipment.

- Add additional features such as water level control, lighting control, temperature control, flooding detection, chlorine ppm sensors, energy meter, digital flow, and much more.

POOLCOP BENEFITS FOR POOL PROFESSIONALS

REMOTELY MONITOR YOUR POOL PORTFOLIO STATUS

RECEIVE IMMEDIATE ALERTS FOR A TIMELY RESPONSE

PLAN YOUR SERVICE CALLS PROACTIVELY

CONFIGURE EVERY POOL TO WORK AT ITS BEST

SAVE TIME AND EXPENSES ON UNNECESSARY TRAVEL

PROVIDE INNOVATIVE RESPONSES TO CUSTOMERS DEMANDS

POOLCOP APPS & CLOUD INTERFACES

Simple and intuitive, our Apps and Interfaces provide crucial information when and where you need it the most, with realtime and historical data at your fingertips. Receive proactive notifications and guidance, as well as control of all pool functions on any computer, tablet, and smartphone.
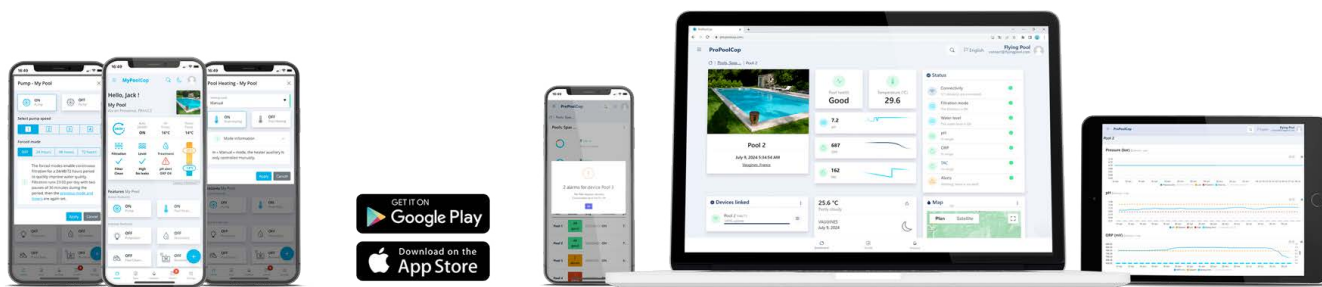
MyPoolCop

Designed for pool owners with a simplified interface, including the pool status (filtration pressure, water level, treatment and temperature), notifications for filter cleaning, leak detection and low chemical levels, access and quick commands to all pool features (lights, heating, fountains, etc.) as well as garden features, and water analysis results uploads. The App also allows for instant feedback to and from your clients.

ProPoolCop

Optimized for your company, your managers, and your pool technicians, with full data and remote control of all automation, configurations and settings, along with data history for real-time diagnostics, and analytics. It is a single hub for instant access to client information, team members and service planning, and provides you with informative notifications and alerts for quick intervention and reassurance for you clients.

WE ARE HERE TO HELP YOU

Commercial Support

Our commercial team is ready to help you, the pool professional, to formulate your customer offer.

PoolCop's qualified experts are on hand with comprehensive advice on a range of solutions, from the simplest installation to complex commercial multi-filter, multi-pump pool configurations. PoolCop has the products, options, and features to handle the most demanding situations.

Technical support

Quality technical support is central to what we do. Based in the PoolCop production facility, the team works with pool professionals, analyzing individual pool data to quickly diagnose any issue.

The technical support staff liaise with our commercial and R&D teams, ready to guide pool professionals in understanding how efficiently every pool in their portfolio is running.

Installation and Set Up

The customer support service is available to assist pool professionals through the initial PoolCop installation, configuring the equipment according to each individual pool's requirements.

We can work with you to set parameters to suit your needs and follow your initial testing to be sure everything is working perfectly.

NEW IN 2025

B BESGO
✚ SWISS QUALITY

AUTOMATIC PNEUMATIC VALVES

COMPLETELY AUTOMATED WATER CIRCULATION AND FILTER CLEANING WITH BESGO AND POOLCOP

Whatever the pool size, whatever the flow rate

BACKWASHES FROM THE BALANCE TANK

Polluted water

Balance tank

BACKWASHES DIRECTLY FROM THE POOL

Clean water

Reduced Balance tank
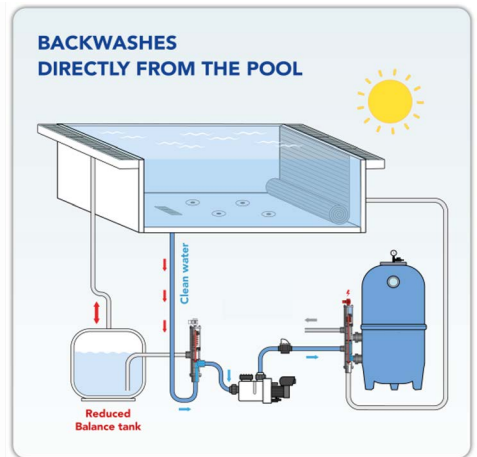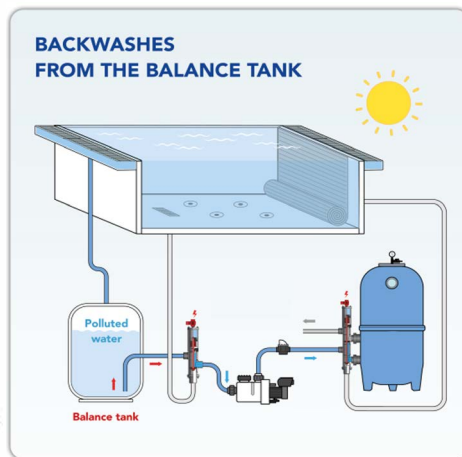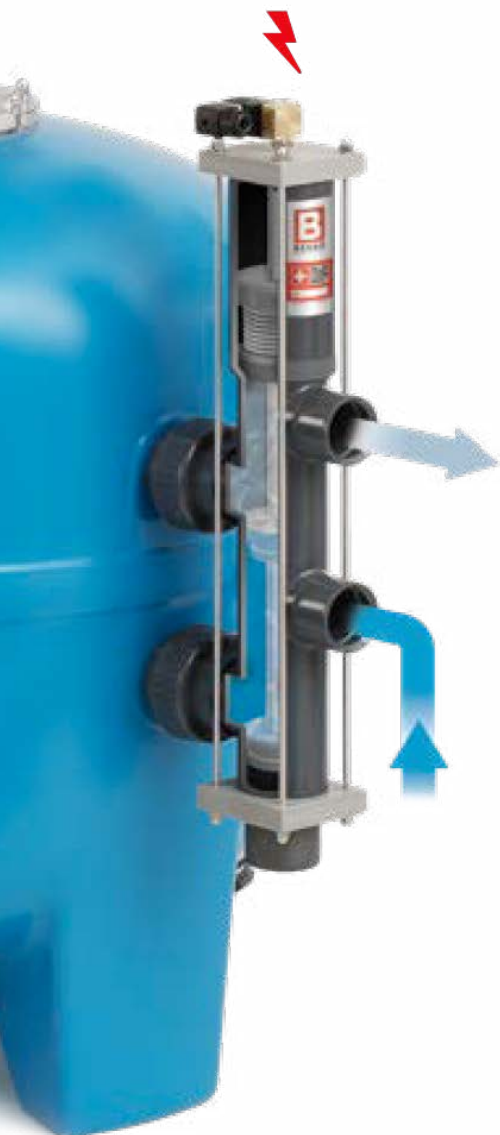
BACKWASH VIA MAIN DRAIN OR SKIMMER / BUFFER TANK

ECO MODE

ECO

Suction from main drain at night and on cooler days
No evaporation - No energy losses!

NORMAL MODE

Suction from the overflow channels on sunny days
For optimal hydraulics
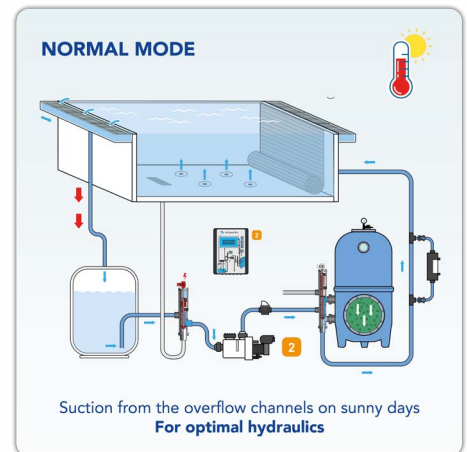
FILTRATION VIA MAIN DRAIN OR SKIMMER / BUFFER TANK

BESGO 5-WAY VALVE

FOR FILTRATION AND BACKWASHING

Adaptable to all sand filters and boasting excellent installation versatility, the Besgo 5-way valve provides fully automated filtration and backwashing in a simple, efficient and safe way.

Filtration, both time and speed, as well as automatic backwashes directly from the pool or balance tank, ensure optimal water quality while using minimal energy consumption, be it a skimmer or buffer tank installation.

The Besgo 5-way valve is fully compatible with a PoolCop Genesis and is configured and controlled remotely via the PoolCop interface.

FILTRATION MODE

Solenoid Valve Closed

BACKWASH MODE

Solenoid Valve Open

Waste

Filter   Pump   Filter   Pump

Pool
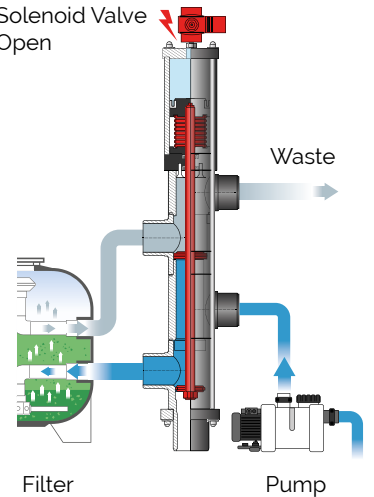
BESGO 3-WAY VALVE

FOR SUCTION AND RINSING

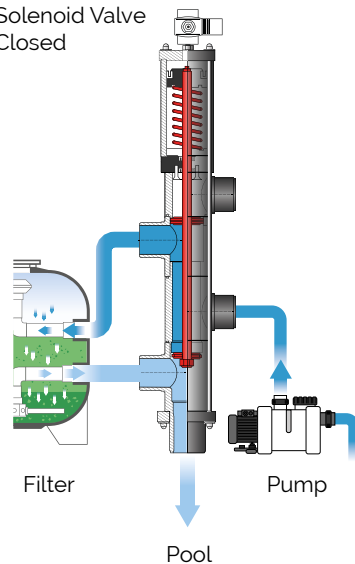The Besgo 3-way valve is used for bottom drain and buffer tank or skimmer suction, as well as automatic filter rinsing,

With a Besgo 3-way valve water filtration can be switched automatically according to the air temperature, and the switchover between two water features is possible with only one pump.

The economy mode via the PoolCop configuration has the additional value of reduced energy loss due to evaporation with overflow pools. In skimmer pools, and especially in pools with slim skimmers, using a Besgo 3-way valve will ensure sufficient pool water is available for backwashing.

See page 26

PoolCop
Genesis

IMPRESSIVE COMPATIBILITY AND ESSENTIAL FEATURES FOR A FULLY AUTOMATED POOL

PoolCop Genesis is an integral control system, managing all the daily operations of a swimming pool. What makes it unique is its flexibility.

As well as the essential functions, such as filtration, water temperature, water level, water balance, and disinfection, PoolCop Genesis controls all types of filters, including cartridge, along with with third party automatic valves for intelligent filter cleaning.

This totally open and highly compatible system is the perfect solution for all pool dimensions, from spas to olympic sized pools, with no limitations on flow rates.

The disininfection is accurately managed via the unique 2-in-1 pH+ORP sensor with floating reference, which can be fitted in the flow cell for vertical or horizontal installations.

All the smart features, data analysis and machine learning are included, making PoolCop Genesis a powerhouse genius for complete pool automation, in both residential and commercial swimming pools and spas.

See page 5 for the list of incorporated features

✓ PRODUCT ADVANTAGES

- Open system, compatible with all third party equipment

- All spas and pools, both residential and commercial, and all flow rates

- Compatible with all filter types

- Controls VS pumps and frequency inverters

- Controls third party automatic valves

- Display and control on the unit and via the dedicated interface

- pH+ORP sensor with floating reference

- 8 programmable relays:
  2 preprogrammed
  6 multifunction auxiliaries

- 2 programmable inputs

- Accessorisable with our complementary range

TYPICAL CHLORINE INSTALLATION

TYPICAL ELECTROLYSIS INSTALLATION

TECHNICAL SPECIFICATIONS

REFERENCE	GNA30AA-D
MAIN POWER SUPPLY, CONSUMPTION	110-230Va.c. / 50Hz 0.4 A
PACK CONTENTS	• Data control and communication unit (DCCU) with 8 relays, 2 inputs • Flow cell with water pressure and water temperature sensors, and housing for a 2-in-1pH+ORP sensor (sensor sold separately) • Air temperature sensor • Accessory pack with installation and user guide
DIMENSIONS	DCCU : 375 x 120 x 285 mm - 4.3 Kg
GUARANTEE	24 months
DISPLAY AND CONTROLS	On the DCCU, via web interfaces
CCU PROTECTION	IP54
OPERATING TEMPERATURE	-5°C to +45°C
PH AND ORP SENSORS "FLOATING REFERENCE"	SO4912 for CL injection or Brome; SO4913 for Electrolysis
MEASUREMENT RANGES	Air temperature: -30°C to +65°C Water temperature: 0°C to +60°C Water pressure: -0.9 to 2.5 bar Water level: very high - high - normal - low pH S.U.: 4-14 ORP/Redox: 0 to 999mV Consumables level: normal - low
PROGRAMMABLE RELAYS	Pump: 1 relay, 0-230Va.c. 6A Regulation pH: 1 relay, 0-230V.a.c. 6A Auxiliaries: 6 multifunctional relays, 0-230Va.c. 6A
PROGRAMMABLE INPUTS	Inputs: 2, potential free, open/closed action
COMPLIANCE, ACCREDITATION, CERTIFICATION	CE, UKCA, WEEE (UL & NSF 50 Certified versions available)
INSTALLATION COMPATIBILITY	New construction, renovation, or upgrade Residential and commercial pools and spas
COMPATIBLE OPTIONS	• Water level kit • Treatment packs • XM8 extension module • Flow meter • Waste backup valve • Flooding detection • Cellular router • IoT Energy meter • Free available chlorine sensor • Third party automatic valves (Besgo) • Variable speed pumps • Panel assembly

POOLCOP GENESIS PANEL with Dosing Pumps

PNG2001-D   Panel Pack PoolCop Genesis Chlorine

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Pt Sensor (chlorine)
- 2 Peristaltic Pump Kits 3 l/hr, and 2 Weighted Level Sensors
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS PANEL with Dosing Pumps and XM8

PNG2002-D   Panel Pack PoolCop Genesis Chlorine + XM8

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Pt Sensor (chlorine)
- 2 Peristaltic Pump Kits 3 l/hr, and 2 Weighted Level Sensors
- PoolCop XM8 Module
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS PANEL with Dosing Pumps, XM8 and FlowVis® Flow Meter

PNG2003-D   Panel Pack PoolCop Genesis Chlorine + XM8 + FlowVis

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Pt Sensor (chlorine)
- 2 Peristaltic Pump Kits 3 l/hr, and 2 Weighted Level Sensors
- PoolCop XM8 Module
- FlowVis® Flow Meter 2.0" and FlowVis® digital sensor with 8m cable, 2 extended length screws and PVC pipe reduction
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS PANEL
with Electrolysis

PNG3001-D   **Panel Pack PoolCop Genesis Lagoon**

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Au Sensor (salt)
- 1 Peristaltic Pump Kit 3 l/hr, and 1 Weighted Level Sensors
- PoolCop Lagoon Power Pack (230 Va.c.)
- PoolCop Lagoon Cell
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS PANEL
with Electrolysis and XM8

PNG3002-D   **Panel Pack PoolCop Genesis Lagoon + XM8**

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Au Sensor (salt)
- 1 Peristaltic Pump Kit 3 l/hr, and 1 Weighted Level Sensors
- PoolCop Lagoon Power Pack (230 Va.c.) with Cell
- PoolCop XM8 Module
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS PANEL
with Electrolysis, XM8 and FlowVis® Flow Meter

PNG3003-D   **Panel Pack PoolCop Genesis Lagoon + XM8 + FlowVis**

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Au Sensor (salt)
- 1 Peristaltic Pump Kit 3 l/hr, and 1 Weighted Level Sensors
- PoolCop Lagoon Power Pack (230 Va.c.) with Cell
- PoolCop XM8 Module
- FlowVis® Flow Meter 2.0" and FlowVis® digital sensor with 8m cable, 2 extended length screws and PVC pipe reduction
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS Packs

POOLCOP GENESIS with Chemical Injection

GNA30CL-D   **Pack PoolCop Genesis Chlorine**   110-230Va.c.

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Pt Sensor (chlorine)
- 2 Kits Peristaltic Pump 3 l/hr, and 2 Kits Suction Wand 50cm
- Accessories Pack with Installation and User Guide
- Guaratee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS with Electrolysis

GNA30LN12-D   **Pack PoolCop Genesis Lagoon 120**   110-230Va.c

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Au Sensor (salt)
- Kit Peristaltic Pump 3 l/hr, and Kit Suction Wand 50cm
- PoolCop Lagoon
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS with Electrolysis + Hydrolysis

GNA30OC06-D   **Pack PoolCop Genesis Ocean 60**   110-230Va.c

GNA30OC12-D   **Pack PoolCop Genesis Ocean 120**   110-230Va.c

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- pH+ORP Au Sensor (salt)
- Kit Peristaltic Pump 3 l/hr, and Kit Suction Wand 50cm
- PoolCop Ocean
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP GENESIS Modular

| GNA30AA-D | **PoolCop Genesis** | 110-230Va.c |

Includes:

- Data Control Communication Unit DCCU (230Va.c.), 8 Relays, 2 Inputs
- Flow Cell with Water Pressure and Temperature Sensors, plus placement of pH+ORP Sensor
- Air Temperature Sensor
- Accessories Pack with Installation and User Guide
- Guarantee 24 Months
- Eco participation 0.12€

Water Level

NI5100

NI4100

| NI5100 | Water Level Kit for Waterline or Skimmer |
| NI4100 | Water Level Kit for Buffer Tank |

Sensor Kits

| SO4912 | pH+ORP Pt Sensor Kit PoolCop Genesis | Chlorine |
| SO4913 | pH+ORP Au Sensor Kit PoolCop Genesis | Salt |

Water Treatment

OC0060   LN4000

PD2030   PD2009

OC0060	PoolCop Ocean 60
OC0120	PoolCop Ocean 120
OC0200	PoolCop Ocean 200
OC1002	PoolCop Ocean Conductivity Sensor Kit
LN4000	PoolCop Lagoon 120
GN4204	Flow Switch Kit
PD2030	Peristaltic Pump Kit 3.0 l/h
PD2010	Suction Wand 50cm with level detection
PD2011	Suction Wand 80cm with level detection
PD2009	Level Sensor - Weighted

Additional Options

AC6800-D   AC5405

VN3004   PI5100-D

AC6800-D	PoolCop XM8 Extension Module
AC5405	FlowVis® Flow Meter Kit 2.0''
VN3004	Waste Backup Valve Kit
AC1015	Flooding Sensor Kit
PI5100-D	Cellular Routeur Module EU
AC5610	Energy Meter IoT Monophase
AC5620	Energy Meter IoT Multiphase
AC5302	Free Available Chlorine Sensor Installation Pack EU
AC5305	Free Available Chlorine Proximity Sensor

PoolCop
Evolution

THE A-TO-Z SOLUTION FOR POOL MANAGEMENT

Whether it's filtration, water temperature, lighting, water level, water balance or disinfection, all functions are controlled, managed and optimised.

PoolCop Evolution then brings a new dimension to pool maintenance by monitoring the condition of the filter and intervening when needed.

Filter cleaning is the critical task for clean and healthy water, yet often neglected as it requires manual intevention in the equipment room. Evolution not only manages the backwash as and when needed, but also intelligently by using excess water in the pool when possible.

It's automatic 6-way valve system is compatible with all side mounted filters dedicated to granular media, such as sand or glass, and is designed to handle flow rates up to 30 cubic metres per hour.

The disinfection is accurately managed via a unique 2-in-1 pH+ORP sensor with a floating reference, installed in the valve.

All this, combined with the smart features, data analysis and machine learning, make PoolCop Evolution the comprehensive solution for complete pool automation.

See page 5 for the list of incorporated features

✔ PRODUCT ADVANTAGES

- Open system, compatible with all third party equipment

- Compatible with SIDE filters (swimming pool and SPA), residential or commercial, up to 30 m³/h

- Automatic filter cleaning

- Controls VS pumps and frequency inverters

- Data display and equipment control on the valve unit and via the dedicated interface

- pH+ORP sensor with floating reference

- 8 programmable relays: 2 preprogrammed 6 multifunction auxiliaries

- 2 programmable inputs

- Accessorisable with our complementary range

TYPICAL CHLORINE INSTALLATION
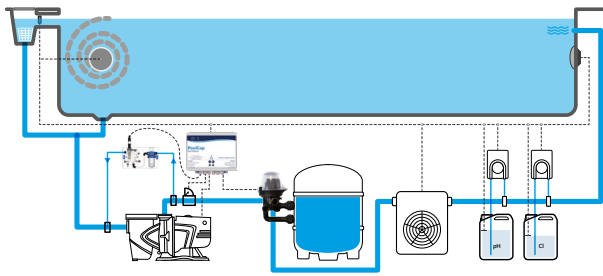
TYPICAL ELECTROLYSIS INSTALLATION
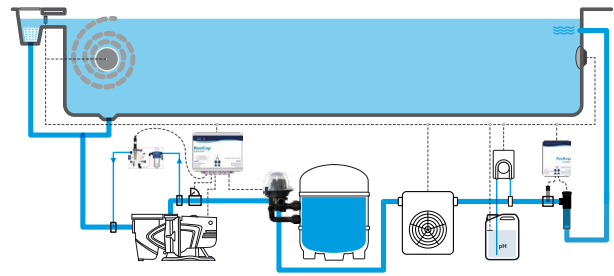
TECHNICAL SPECIFICATIONS

	PoolCop Evolution 1.5"	PoolCop Evolution 2.0"
REFERENCE	ESB15AA-D	ESB20AA-D
MAXIMUM FLOW	16m³/hr	30m³/hr
MAIN POWER SUPPLY, CONSUMPTION	110-230Va.c. / 50Hz 0.4 A	
BACKUP BATTERY POWER SUPPLY	12VDC 1.2Ah SLA	
PACK CONTENTS	• Valve data unit (VDU) with water pressure and water temperature sensors and housing for a 2-in-1pH+ORP sensor (sensor sold separately) • Control communication unit (CCU) with 8 relays, 2 inputs • Air temperature sensor • Valve housing with threaded inserts • Accessory pack with installation and user guide	
DIMENSIONS	CCU : 375 x 120 x 285 mm - 4.3 Kg VDU : 240 x 260 x 270 mm - 3.2 Kg	
GUARANTEE	24 months	
DISPLAY AND CONTROLS	On the VDU, via web interfaces	
CCU PROTECTION	IP54	
OPERATING TEMPERATURE	-5°C to +45°C	
PH AND ORP SENSORS "FLOATING REFERENCE"	SO4902 for CL injection or brome; SO4903 for Electrolysis	
MEASUREMENT RANGES	Air temperature: -30°C to +65°C Water temperature: 0°C to +60°C Water pressure: -0.9 to 2.5 bar Water level: very high - high - normal - low pH S.U.: 4-12 ORP/Redox: 0 to 999mV Consumables level: normal - low	
PROGRAMMABLE RELAYS	Pump: 1 relay, 0-230Va.c. 6A Regulation pH: 1 relay, 0-230Va.c. 6A Auxiliaries: 6 multifunctional relays, 0-230Va.c. 6A	
PROGRAMMABLE INPUTS	Inputs: 2, potential free, open/closed action	
COMPLIANCE, ACCREDITATION, CERTIFICATION	CE, UKCA, WEEE	
INSTALLATION COMPATIBILITY	New construction, renovation, or upgrade Residential and commercial pools and spas	
COMPATIBLE OPTIONS	• Water level kit • Treatment packs • XM8 extension module • Flow meter • Waste backup valve • Flooding detection • Cellular router • IoT Energy meter • Free available chlorine sensor • Third party automatic valves (Besgo) • Variable speed pumps	

POOLCOP EVOLUTION Packs

POOLCOP EVOLUTION with Chemical Injection

ESB15CL-D	Pack PoolCop Evolution 1.5'' Chlorine	110-230Va.c 16m³/h
ESB20CL-D	Pack PoolCop Evolution 2.0'' Chlorine	110-230Va.c 30m³/h

Includes:

- Valve Data Unit VDU with Water Pressure and Temperature Sensors
- Control Communication Unit CCU (230Va.c.) with 8 Relays, 2 Inputs
- Air Temperature Sensor
- Valve Housing, with threaded inserts
- pH+ORP Pt Sensor (chlorine)
- 2 Peristaltic Pump Kits 3 l/hr, and 2 Suction Wand Kits 50cm
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP EVOLUTION with Electrolysis

ESB15LN12-D	Pack PoolCop Evolution 1.5'' Lagoon 120	110-230Va.c 16m³/h
ESB20LN12-D	Pack PoolCop Evolution 2.0'' Lagoon 120	110-230Va.c 30m³/h

Includes:

- Valve Data Unit VDU with Water Pressure and Temperature Sensors
- Control Communication Unit CCU (230Va.c.) with 8 Relays, 2 Inputs
- Air Temperature Sensor
- Valve Housing, with threaded inserts
- pH+ORP Au Sensor (salt)
- Peristaltic Pump Kit 3 l/hr, and Suction Wand Kit 50cm
- PoolCop Lagoon
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

POOLCOP EVOLUTION with Electrolysis + Hydrolysis

ESB15OC06-D	Pack PoolCop Evolution 1.5'' Ocean 60	110-230Va.c 16m³/h
ESB20OC12-D	Pack PoolCop Evolution 2.0'' Ocean 120	110-230Va.c 30m³/h

Includes:

- Valve Data Unit VDU with Water Pressure and Temperature Sensors
- Control Communication Unit CCU (230Va.c.) with 8 Relays, 2 Inputs
- Air Temperature Sensor
- Valve Housing, with threaded inserts
- pH+ORP Au Sensor (salt)
- Peristaltic Pump Kit 3 l/hr, and Suction Wand Kit 50cm
- PoolCop Ocean
- Accessories Pack with Installation and User Guide
- Guarantee: see products in the pack for details
- Eco participation 0.12€

Spare Parts for Annual Maintenance

PC1207	Kit Diffuser Replacement 1.5''
PC1208	Kit Diffuser Replacement 2.0''
CO2202	Battery 12V VRLA FR

PC1207 / PC1208   CO2202

POOLCOP EVOLUTION Modular

ESB15AA-D	**PoolCop Evolution 1.5"**	110-230Va.c. 16m³/h
ESB20AA-D	**PoolCop Evolution 2.0"**	110-230Va.c 30m³/h

Includes:

- Valve Data Unit VDU with Water Pressure and Temperature Sensors
- Control Communication Unit CCU (230Va.c.) with 8 Relays, 2 Inputs
- Air Temperature Sensor
- Valve Housing, with threaded inserts
- Accessories Pack with Installation and User Guide
- Guarantee 24 Months
- Eco Participation 0.12€

Water Level

NI5100	Water Line or Skimmer Kit	
NI4100	Water Level Kit for Buffer Tank	

NI5100   NI4100

Sensor Kits

SO4902	pH+ORP Pt Sensor Kit PoolCop Evolution	Chlorine
SO4903	pH+ORP Au Sensor Kit PoolCop Evolution	Salt

Water Treatment

OC0060	PoolCop Ocean 60
OC0120	PoolCop Ocean 120
OC0200	PoolCop Ocean 200
OC1002	PoolCop Ocean Conductivity Sensor Kit
LN4000	PoolCop Lagoon 120
GN4204	Flow Switch Kit
PD2030	Peristaltic Pump Kit 3.0l/h
PD2010	Suction Wand 50cm with level detection
PD2011	Suction Wand 80cm with level detection
PD2009	Level Sensor - Weighted

OC0060   LN4000

PD2030   PD2009

Additional Options

AC6800-D	PoolCop XM8 Extension Module
AC5405	FlowVis® Flow Meter Kit 2.0''
VN3004	Waste Backup Valve Kit
AC1015	Flooding Sensor Kit
PI5100-D	Cellular Routeur Module EU
AC5610	Energy Meter IoT Monophase
AC5620	Energy Meter IoT Multiphase
AC5302	Free Available Chlorine Sensor Installation Pack EU
AC5305	Free Available Chlorine Proximity Sensor

AC6800-D   AC5405

VN3004   PI5100-D

FILTER CONNECTION KITS for PoolCop Evolution

Simplify fitting PoolCop Evolution to any side mounted filter with these Connection Kits

For PoolCop Evolution 1.5" (50mm)

CK1501	Filter Connection Kit Hayward 1.5"
CK1503	Filter Connection Kit Astral, Espa, MMC, Certikin, PPG Poltank, Zodiac, SNTE & Jupiter >2007 1.5"
CK1504	Filter Connection Kit Kripsol, SuperPool LKR, Hayward ProSeries HLTL <12/2018 1.5"
CK1505	Filter Connection Kit Europa Evo, Platinum 1.5"
CK1506	Filter Connection Kit Aqualux L1.5"
CK1507	Filter Connection Kit Aqualux C1.5"
CK1508	Filter Connection Kit Waterco Lacron 16" <2004 1.5"
CK1509	Filter Connection Kit Waterco Lacron <2004 1.5"
CK1510	Filter Connection Kit Pentair SR 1.5"
CK1512	Filter Connection Kit SuperPool, Emaux, VIPool, ACIS 1.5"
CK1514	Filter Connection Kit SNTE Jupiter <2007, Titan <2007 1.5"
CK1516	Filter Connection Kit Python, RTM 1.5"
CK1517	Filter Connection Kit Calplas 1.5"
CK1518	Filter Connection Kit Waterco 1.5" Lacron >2004, Micron, CBI 1.5"
CK1519	Filter Connection Kit Hayward FG, Pomaz Aqua Easy 1.5"
CK1521	Filter Connection Kit SF 1.5"
CK1522	Filter Connection Kit Hayward HL, HLBTL, HLTL >12/2018 1.5"
CK1524	Filter Connection Kit AQUA Aquarius, Pentair Poseidon & Triton Lite 1.5"
CK1525	Filter Connection Kit Vitalia 1.5"
CK1526	Filter Connection Kit BEHNCKE 1.5"

For PoolCop Evolution 2.0" (63mm)

CK2001	Filter Connection Kit Hayward 2.0"
CK2003	Filter Connection Kit Astral, Espa, MMC, Certikin, SNTE & Jupiter >2007 2.0"
CK2004	Filter Connection Kit Kripsol, SuperPool LKR, Hayward ProSeries HL, HLTL, HLBTL 2.0"
CK2005	Filter Connection Kit Europa Evo, Platinum 2.0"
CK2006	Filter Connection Kit Aqualux L2.0"
CK2007	Filter Connection Kit Aqualux C2.0"
CK2009	Filter Connection Kit Waterco Micron 2.0"
CK2010	Filter Connection Kit Pentair SR 2.0"
CK2012	Filter Connection Kit SuperPool, Emaux, VIPool, ACIS, Vitalia 2.0"
CK2014	Filter Connection Kit SNTE Jupiter <2007, Titan <2007 2.0"
CK2016	Filter Connection Kit Python, RTM 2.0"
CK2017	Filter Connection Kit Calplas 2.0"
CK2018	Filter Connection Kit Waterco Lacron CBI, PPG Deluxe 2.0"
CK2019	Filter Connection Kit Hayward FG, Pomaz Aqua Easy 2.0"
CK2023	Filter Connection Kit Waterline Capri 2.0"
CK2024	Filter Connection AQUA Aquarius, Pentair Poseidon & Triton Lite 2.0"
CK2026	Filter Connection Kit BEHNCKE 2.0"

POOLCOP OPTIONS

Full product details and kit contents for
our range of options

WATER LEVEL KITS

Our water level kits, for either classic or overflow pools, are equipped with 4 sensors (very high, high, normal, low) to send accurate water level measurements directly to the PoolCop unit. The readings and analysis from the sensors allow PoolCop to respond in multiple ways; leak detection, weather dependent refilling, intellient use of surplus water for backwashing (PoolCop Evolution or PoolCop Genesis equipped with an automatic valve) etc.

Water Line or Skimmer (classic pools)

	NI5100	**Water Level Kit for** **Water Line or Skimmer**

Includes:

- Level Sensor (4 fixed levels with 20m cable)
- Solenoid Valve (24Va.c.)
- Non-return Valve, Stop Valve 1/4 Turn, Connector Kit
- 2 Saddle Clamps (D50mm and D63mm)
- Guarantee 24 months
- Eco participation 0.42€

Compatibility   PoolCop Evolution - PoolCop Genesis

Buffer Tank (overflow pools)

NI4100   **Water Level Kit for Buffer Tank**

Includes:

- 4 Buffer Tank Level Sensors (Stainless Steel with 6m cable)
- Solenoid Valve (24Va.c.)
- Non-return Valve, Stop Valve 1/4 Turn, Connector Kit
- 2 Saddle Clamps (D50mm and D63mm)
- Guarantee 24 months
- Eco participation 0.42€

Compatibility   PoolCop Evolution - PoolCop Genesis

SENSOR KITS FOR pH + ORP

These unique 2-in-1 sensors integrate both pH and ORP measurements, and include a floating reference to ensure the readings are accurate and reliable, without inpact from electrical charges in the sampled water, and a longer life span of the sensor. Each sensor is simply installed directly in the Evolution valve or the Genesis flow cell.

pH+ORP Sensors for PoolCop Evolution

SO4902	**pH+ORP Pt Sensor Kit PoolCop Evolution** *	Chlorine
SO4903	**pH+ORP Au Sensor Kit PoolCop Evolution**	Salt

* *Use this sensor for chlorine, bromine etc.*

Includes:

- Floating Reference Technology Sensor with 30cm cable
- Sensor Nut, Grip Washer, Compression Rings, Sensor O-Ring
- Guarantee 24 months
- Eco participation 0.12€

Compatibility   PoolCop Evolution ONLY

pH+ORP Sensors PoolCop Genesis

SO4912	**pH+ORP Pt Sensor Kit PoolCop Genesis ***	Chlorine
SO4913	**pH+ORP Au Sensor Kit PoolCop Genesis**	Salt

* Use this sensor for chlorine, bromine, etc.

Includes:

- Floating Reference Technology Sensor with 4m cable
- Sensor Nut, Grip Washer, Compression Rings, Sensor O-Ring
- Guarantee 24 months
- Eco participation 0.12€

Compatibility   PoolCop Genesis ONLY

TREATMENT EQUIPMENT

PoolCop Ocean

PoolCop Ocean, our high end salt chlorinator with Sugar Valley technology, is the solution for advanced oxidation to ensure perfect water quality with salt concentrations as low as 0.5 grams per liter and as high as sea water.

Connecting this to a PoolCop unit with integrated Modbus Technology, assures accurate and dependable disinfection, taking into account temperature, cover position, pump speed, pH, etc. and is controlled remotely via the dedicated interface.

OC0060	**PoolCop Ocean 60**	15 g/h - 60 m^3
OC0120	**PoolCop Ocean 120**	30g/h - 120 m^3
OC0200	**PoolCop Ocean 200**	45g/h - 200m^3

Includes:

- PoolCop Ocean Power Pack (230Va.c.)
- PoolCop Ocean Cell and Cell Holder
- ModBus Control Cable, and Safety Cable
- Guarantee Power Pack - 24 months
- Guarantee Cell - 8000 hours
- Eco participation 0.42€

Compatibility   PoolCop Evolution - PoolCop Genesis

Conductivity Sensor Kit

The Conductivity Sensor allows instant visibility of the salt concentration via the PoolCop interface.

OC1002	**PoolCop Ocean Conductivity Sensor Kit**	0-10 g/l

Includes:

- Conductivity Sensor
- PCB Electronic Board
- Conductivity Sensor Housing
- Sensor Adapter
- 3 Sampling Bottles
- Guarantee Sensor - 6 months
- Eco participation 0.12€

TREATMENT EQUIPMENT

PoolCop Lagoon

PoolCop Lagoon combines simplicity, durability and practicality, using Smart Power technology.

Compact in size, it can be installed in any pump house, and needs no adjustments or complicated programming. PoolCop Lagoon manages salt levels from 2.5 to 10 grams per liter, for pools up to 120 m³, and the intelligent control system, combined with the cell's 10,000 hour lifespan and polarity-reversal cleaning system, guarantees unrivalled resilience at a highly competitive price.

LN4000   **PoolCop Lagoon 120**

Includes:

- PoolCop Lagoon Power Pack with Mounting Bracket
- PoolCop Lagoon Cell with Cable, Collars and 2 Reductions 63/50 mm
- Online User Manual
- Guarantee Power Pack & Cell - 24 months
- Eco participation 0.42€

Compatibility   PoolCop Evolution - PoolCop Genesis

Flow Detection

This simple flow detector informs the PoolCop unit of flow or no-flow in the pipeline to protect the pump from dry running.

GN4204   **Flow Switch Kit**

Includes:

- Flow Switch with 4m Cable
- 3/4" Male-Male Adapter
- Guarantee - 24 months
- Eco participation 0.42€

Compatibility   PoolCop Evolution - PoolCop Genesis

Dosing Pumps

This high quality injection pump ensures precise chemical handling with zero contamination, thanks to three rollers to prevent siphoning, overdosing and loss of priming, and a Santoprene tubing ideal for dispensing pH or chlorine products.

PD2030   **Peristaltic Pump Kit 3.0l/h**

Includes:

- Peristaltic Pump 230Va.c. with ON/OFF Switch and 2.5 m Cable
- Wall Mount with Stirrup, 2 Screws and Wall Plugs
- Foot Filter
- Suction/Injection Tube (4m)
- Injection Valve
- 2 Saddle Clamps (D50mm and D63mm)
- Guarantee Avady - 24 months
- Eco participation 0.42€

Compatibility   PoolCop Evolution - PoolCop Genesis

Drum Level Sensors

The drum level sensors are used for precise monitoring and to alert when the level is low to empty, ensuring correct disinfection at all times and consistent water quality.

The suction wand is used for 20 litre drums and the weighted sensor caters for all drum and tank volumes.

Drum Level Sensor with Suction Wand

| PD2010 | **Suction Wand 50cm with level detection** | 50cm |
| PD2011 | **Suction Wand 80cm with level detection** | 80cm |

Includes:

- Suction Wand with Non-Return Valve and Float Level Sensor
- Suction Tube (4m)
- Guarantee Avady - 24 months
- Eco participation 0.12€

Compatibility   PoolCop Evolution - PoolCop Genesis

Drum Level Sensor - Weighted

PD2009   **Level Sensor, Weighted**

Includes:

- Float Level Sensor for Chemical Low Level Detection
- 4m Cable
- Guarantee Avady - 24 months
- Eco participation 0.12€

Compatibility   PoolCop Evolution - PoolCop Genesis

ADDITIONAL OPTIONS

Extension Module

More automated pool control means less pool hassle. The PoolCop XM8 increases the number of relays and inputs, allowing additional equipment to be managed directly by the PoolCop.

It is automatically detected, needing no complicated configuration, and relays the information of all additional features to the PoolCop interface.

AC6800-D   **PoolCop XM8 Extension Module**

Includes:

- XM8 Module with Cable
- 8 Additional Relays/Inputs
- Guarantee - 24 months
- Eco participation 0.12€

Compatibility   PoolCop Evolution - PoolCop Genesis

ADDITIONAL OPTIONS

Automatic Pneumatic Valves

Besgo valves are built using the highest quality components available, and are easy to control allowing safe automated filtration, backwashes, water attractions and more.

With a lower pressure drop than traditional 6-way valves the Besgo 5-way valve can be fitted directly on the filter or wall mounted with 90° rotating connections. The valve returns automatically to 'Filtration Mode' in the case of electrical failures, and the filtration pump does not need to be stopped during the switchover. The valve works automatically and is operated by either water or air pressure via connection to the water network or a small air compressor.

The addition of a Besgo 3-way valve to a Besgo 5-way valve ensures backwashing is completed with totally automated filter rinsing. The valve also provides higher pressure for optimal backwash velocity directly from the main drain, using the cleanest water from your pool.

The 3-way valve can also be installed with a PoolCop Evolution for additional suction to the backwash via Evolution's automatic valve.

Besgo Backwash Valve

BESGO 5-WAY VALVES

AC2100	**Besgo Backwash Valve DN50/D63mm - 140mm**	230 V
AC2101	**Besgo Backwash Valve DN50/D63mm - 152mm**	230 V
AC2102	**Besgo Backwash Valve DN50/D63mm - 190mm**	230 V
AC2103	**Besgo Backwash Valve DN50/D63mm - 215mm**	230 V
AC2104	**Besgo Backwash Valve DN50/D63mm - 220mm**	230 V
AC2105	**Besgo Backwash Valve DN50/D63mm - 230mm**	230 V

Besgo Aspiration Valve

BESGO 3-WAY VALVE

AC2106	**3-Way Besgo Aspiration Valve DN50/D63mm**	230 V

AC2107

ACCESSORIES

AC2107	**Compresseur Einhell, 0,5 kW, 230 V**	230 V
AC2108	**Connection Kit for Compressor ¼"IG : 1 Besgo Valve**	
AC2109	**Connection Kit for Compressor ¼"IG : 2 Besgo Valves**	
AC2110	**Connection Kit for Compressor ¼"IG : 3 Besgo Valves**	
Compatibility	PoolCop Evolution - PoolCop Genesis	

AC2109

For additional models please contact us.

Digital Flow Meter

The Digital FlowVis® Kit is designed to provide real-time water flow rate readings remotely on any connected device, and incorporates a range of features and functions.

Minimum and maximum flow alarms can be set from the configuration tab in the PoolCop interface, to ensure that each system operates as required, with exceptional accuracy of over 98%.

The digital flow meter is compatible with the entire FlowVis® range (from 1.5" to 8")*, is easy to install and requires no calibration.

*Contact us to check the compatibility of your FlowVis®

AC5400   **Digital FlowVis® Kit**

Includes:

- Digital Sensor compatible with FlowVis 2.0''
- 8m Cable
- 2 Extended Length Screws
- Guarantee - 24 months
- Eco participation 0.12€

Compatibility   PoolCop Evolution - PoolCop Genesis

AC5405   **FlowVis® Flow Meter Kit 2.0"**

Includes:

- FlowVis® Flow Meter 2.0"
- FlowVis® Digital Sensor
- 8m Cable
- 2 Extended Length Screws
- Pipe Reduction PVC MF63x50
- Guarantee - 24 months
- Eco participation 0.12€

For additional pipe sizes please contact us.

Waste Backup Valve

This waste backup valve secures installations from unnecessary water loss, notably buffer tank pools or low level pump houses, with pumps installed below water level.

VN3004   **Waste Backup Valve Kit**   NF 24Va.c.

Includes:

- Valve NC (Normally CLOSED), Solenoid (24Va.c.)
- Discharge Vinyl Tubing (3 meters)
- 2 PVC Union Set with D63mm to D50mm Adapter
- 2 Saddle Clamps (D50mm and D63mm)
- Guarantee - 24 months
- Eco participation 0.42€

Compatibility   PoolCop Evolution - PoolCop Genesis

Flooding Detection

Simple, effective and robust, the flooding detector is used for all underground equipment rooms or areas with high flooding risk. It simply plugs into any PoolCop Evolution, PoolCop Genesis or PoolCop XM8, requiring no additional installation or configuration.

PoolCop immediately alerts as soon as there is more than one centimetre of water in the area to be protected, allowing for quick intervention to avoid electrical risks or equipment damage.

AC1015	**Flooding Sensor Kit**

Includes:

- Flooding Sensor with 4m Cable
- PVC Cross Base
- Guarantee - 24 months
- Eco participation 0.12€

Compatibility	PoolCop Evolution - PoolCop Genesis

Cellular Router

This industrial router ensures remote monitoring and real-time visibility to a pool 24/7/365 by providing direct high speed connection to the PoolCop Cloud and a faster response for data and control.

PI5100-D	**Cellular Router Module EU**	5-36 VDC

Includes:

- Cellular router, with 230 Va.c. Power Supply
- External High Gain Antenna
- RJ45 Cable (1m)
- Guarantee - 24 months
- Eco participation 0.08€

Compatibility	PoolCop Evolution - PoolCop Genesis
PI4180	**M2M Data plan 7 GB (net price)**

(approx. 12 months of standard use)

Energy Meter IoT

The energy meter precisely measures power consumption of all connected equipment, and relays the data to the PoolCop Cloud and BigPool database for storage, analysis and display.

The data provides immediate visability to poor functioning or damaged equipment, allowing for prompt intervention, and is a means to monitor actual electrical consumption to intelligently optimize your energy use.

AC5610	**Energy Meter IoT Monophase**	100A
AC5620	**Energy Meter IoT Multiphase**	65A

Includes:

- Energy Meter DIN Mount, Modbus
- 4m Cable
- Guarantee - 24 months
- Eco participation 0.12€

Compatibility	PoolCop Evolution - PoolCop Genesis

Free Available Chlorine Sensor in PPM

For perfect disinfection and a regulation compliant pool, this professional grade sensor measures free available chlorine in the water (including chlorine bound in stabilizers), in parts per million, equivalent to DPD1 as measured by health authorities.

Suited to public pools and commercial aquatic venues, as well as residential pools.

AC5302   **Free Available Chlorine Sensor Installation Pack EU**   DPD1

Includes:

- Free Available Chlorine Sensor (Maintenance Kit Included)
- Chlorine Sensor Cable, and PoolCop Modbus Adapter
- Chlorine Sensor Panel
- 2 x Isolation Valves, and 6m of 3/8" tubing
- Guarantee Sensor & Cable - 12 months
- Guarantee Flow Cell Panel - 24 months
- Eco participation 0.12€

Compatibility   PoolCop Evolution - PoolCop Genesis

Proximity Sensor

This sensor is installed in the Free Available Chlorine flow cell to ensure there is sufficient flow for an accurate chlorine measurement.

AC5305   **Free Available Chlorine Proximity Sensor**

Includes:

- Proximity Sensor with 2m Cable
- Guarantee - 24 months
- Eco participation 0.12€

Compatibility   PoolCop Evolution - PoolCop Genesis


ECO-PARTICIPATION, WEEE

Certain products are subject to "Eco-participation" in France, which contributes to the financing of the collection and the recycling of former equivalent products (directive 2006/96/CE). Our partner for the collection and recycling of eligible products is Eco-systèmes.

Following decree No. 2009-1139 dated 22 September 2009, with regards to placing dry cell batteries and storage batteries on the market, as well as the elimination of used dry cell batteries and storage batteries, PCFR has partnered with an organization dedicated to the recycling of dry cell batteries and portable storage batteries. Our partner is SCRELEC Environnement.

NOTES

PoolCop

DIGITAL RESSOURCES
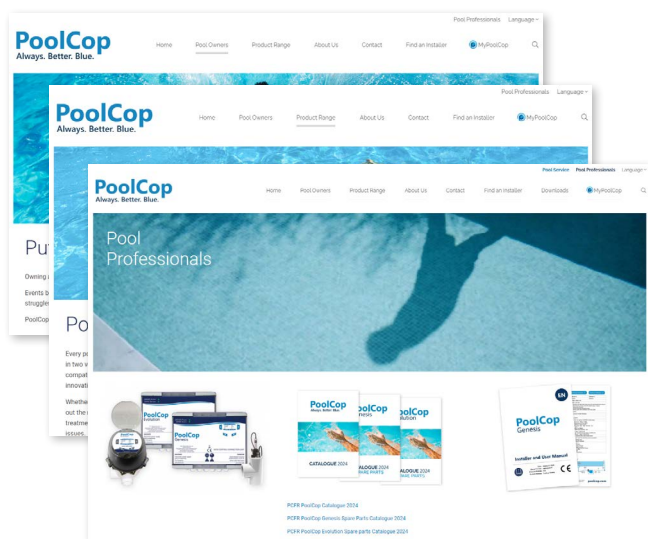
WWW.POOLCOP.COM

Our website is a direct source of information for pool owners and professionals alike.

Professionals have a dedicated space to access all technical documents, find quick answers to simple questions, sign up for training sessions, and request to become installers.

DOWNLOADS

Quick and simple access to all instruction manuals, exploded parts and technical sheets are available via this QR code, or in the Pool Professionals page on the website.

GENERAL INFORMATION

DELIVERY CONDITIONS AND CHARGES

These are standard conditions for retail purchases. For distributors, refer to your conditions.

Prices do not include delivery charges, which are invoiced separately as follows:

- For all orders within the European Union exceeding a value of 750 € (excluding value added tax), delivery is included free of charge.
- For all orders within European Union with a net value below 750 € (excluding value added tax), the actual delivery cost applies.
- For delivery outside of European Union and/or express deliveries, the fees will be indicated on the quote.

GENERAL TERMS AND CONDITIONS OF SALE

poolcop.com/general-conditions-of-sale/

Always.
Better.
Blue.

www.poolcop.com

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PCFR PoolCop