

PoolCop Genesis



PRE-MOUNTED PANELS

SIMPLIFIED INSTALLATION FOR A COMPLETELY AUTOMATED POOL

Our panel mounted PoolCop Genesis packs come pre-installed and pre-cabled, for a quicker and easier installation in any pump house.

The panels are available with chlorine or electrolysis options, and both solutions come with weighted chemical drum sensors, a 2-in-1 pH+ORP sensor with floating reference, water pressure and water temperature sensors, air temperature sensor, and the flow cell.

The panel can be completed with additional options for total pool management (XM8, flow meter, free-available chlorine sensor, energy meter, router...), and can evolve with the pool by adding equipment as and when required.



Simple installation for both new and experienced pool professionals

Compact size - 65x75 cm

Power supply incorporated in the main unit



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
- Accessoriseable with our complementary range



TECHNICAL SPECIFICATIONS

Chlorine Panels

Electrolysis Panels

REFERENCE	PNG2001-D PNG2002-D PNG2003-D	PNG3001-D PNG3002-D PNG3003-D
MAIN POWER SUPPLY, CONSUMPTION	110-230Va.c. / 50Hz 0.4 A	
PACK CONTENTS	<ul style="list-style-type: none"> • 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 (PNG2002-D and PNG2003-D) • FlowVis® flow meter 2.0" and FlowVis® digital sensor (PNG2003-D) • Accessories pack with installation and user guide 	<ul style="list-style-type: none"> • 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 (PNG2002-D and PNG2003-D) • FlowVis® flow meter 2.0" and FlowVis® digital sensor (PNG2003-D) • Accessories pack with installation and user guide
DIMENSIONS	650 X 750 mm	
GUARANTEE	24 months	
DISPLAY AND CONTROLS	On the DCCU, web interfaces and PoolCop Cloud	
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, 0-230Va.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 (UL & NSF 50 Certified versions available)	
INSTALLATION COMPATIBILITY	New construction, renovation, or upgrade Residential and commercial pools and spas	
COMPATIBLE OPTIONS	<ul style="list-style-type: none"> • 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 	