

PoolCop Evolution



PRE-MOUNTED PANELS

SIMPLIFIED INSTALLATION FOR A COMPLETELY AUTOMATED POOL

Our panel mounted PoolCop Evolution packs come pre-installed 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 6-way automatic valve.

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
- 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
- Accessoriable with our complementary range



TECHNICAL SPECIFICATIONS

Chlorine Panels

Electrolysis Panels

1.5"

2.0"

1.5"

2.0"

REFERENCE	PNE152001-D	PNE202001-D	PNE153001-D	PNE203001-D
MAXIMUM FLOW	16m ³ /hr	30m ³ /hr	16m ³ /hr	30m ³ /hr
MAIN POWER SUPPLY, CONSUMPTION	110-230Va.c. / 50Hz 0.4 A			
BACKUP BATTERY POWER SUPPLY	12VDC 1.2Ah SLA			
PACK CONTENTS	<ul style="list-style-type: none"> • Valve data unit (VDU) with water pressure and water temperature sensors and housing for a 2-in-1pH+ORP sensor • Control communication unit (CCU) with 8 relays, 2 inputs • Air temperature sensor • pH+ORP Pt sensor (chlorine) • 2 peristaltic pump kits 3 l/hr, and 2 weighted level sensors • Valve housing with threaded inserts • Accessory pack 		<ul style="list-style-type: none"> • Valve data unit (VDU) with water pressure and water temperature sensors and housing for a 2-in-1pH+ORP sensor • Control communication unit (CCU) with 8 relays, 2 inputs • 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 • Valve housing with threaded inserts • Accessory pack 	
DIMENSIONS	Panel : 650 x 750 mm - 16 Kg VDU : 240 x 260 x 270 mm - 3.2 Kg			
GUARANTEE	24 months			
DISPLAY AND CONTROLS	On the VDU, web interfaces and PoolCop Cloud			
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	<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 			