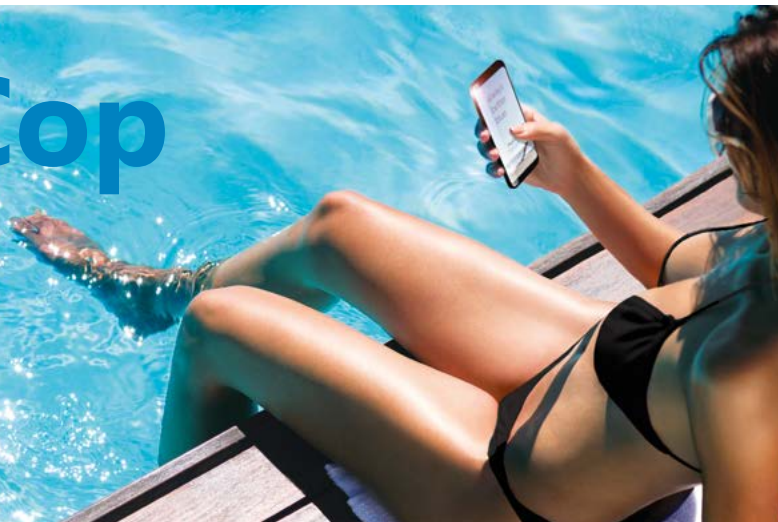


PoolCOP Evolution



WHY POOLCOP EVOLUTION?

A pool that gets just a little more perfect every day!

Cutting-edge technologies and the Big Data Cloud platform bring a new dimension to the maintenance and management of your pool.

Equipped with this intelligence, PoolCOP gets to know your pool inside out. It monitors, analyses and logs information to help improve its performance, and reduce its consumption of water, energy and chemical products.

Intelligent, modern and ecological, PoolCOP transforms your pool and the time you spend in it.

PoolCOP Evolution includes an automatic backwash valve for a more comprehensive solution. It is compatible with "side" mount filters and flow-rates up to 30m³/h.



COMFORT

Automated intelligence so you can take control



PoolCOP Evolution's main advantage: **PEACE OF MIND** knowing your water's perfect all year round; your filter gets cleaned automatically



PERFORMANCE

The ability for you to connect to the Cloud to analyse your pool and optimise its operation

The essentials:

Whether it's a private or public pool, PoolCOP ensures total management and maintenance. It really is you that's in control!

Whether it's filtration, water temperature, lighting, water level, water balance or even disinfection, all functions are controlled, managed and optimised. Powered by BigPool*, PoolCOP ensures all functions are carried out perfectly, in real time via the Cloud.

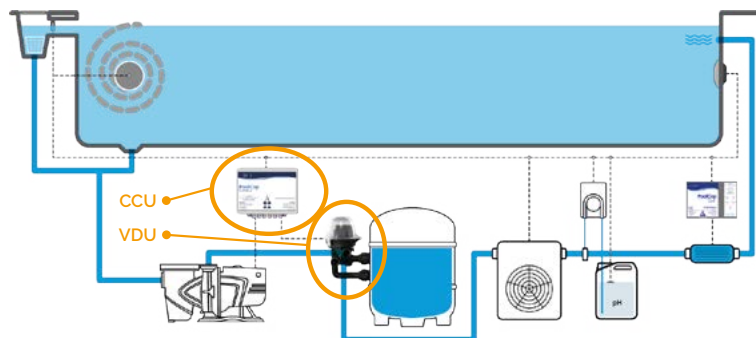
This advanced artificial intelligence, alongside the Big Data features, frees you from any constraints. It also anticipates any problems thanks to its anomaly detection system.

Everything is under control and accessible in a few clicks!











* High performance database management system.

REFERENCE	ESB15AA-D	ESB20AA-D
MAXIMUM FLOW	16m ³ /hr	30m ³ /hr
MAIN POWER SUPPLY, CONSUMPTION	220VAC / 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 temperature sensors • Control Communication Unit CCU with 8 relays, 2 inputs • Air temperature sensor • Valve housing with threaded inserts • Accessory pack with installation and user guide 	
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; 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, 0-230VAC 6A Auxiliaries: 6 multifunctional relays, 0-230VAC 6A Regulation pH: 1 relay, 0-230VAC 6A	
PROGRAMMABLE INPUTS	Inputs: 2, potential free, open/closed action	
COMPLIANCE, ACCREDITATION, CERTIFICATION	CE, WEEE (UL & NSF 50 Certified versions available)	
INSTALLATION COMPATIBILITY	<ul style="list-style-type: none"> • New swimming pool • Swimming pool upgrade 	
COMPATIBLE ADD-ONS	<ul style="list-style-type: none"> • Water level kit • Treatment packs • XM8 Extension Module • Variable speed pumps • Powerline Plugs and GSM Router • IoT Energy Meter • IoT PoolCam • Waste Backup Valve 	

Typical Installation: PoolCOP Evolution



Functions:

-  Filtration programming
-  Automatic filter cleaning
-  Water level control (refill and reduction)
-  Weather-dependent automatic refilling
-  Early leak detection
-  pH and water disinfection control (combined sensor for pH and ORP)
-  Water temperature control
-  Water pressure monitoring
-  Control of additional equipment: cleaner, lighting, fountain, heating, etc.
-  Monitoring and control via web interface