

Water Treatment



HELIOS 01

CONTROL PANEL FOR SWIMMING POOL



Main characteristics

- 2 electromagnetic dosing pumps with built-in pH/Orp controller. (ATHENA.PR SERIES)
- PH probe, Rx probe, and 2 floating level probes included.
- PROBE HOLDER (transparent glass) with flow sensor included.
- FILTER with polypropylene washable cartridge 5" 80 micron.
- PVC PANEL 400 x 600 x 10 mm
- Buffer solutions (pH-Redox)
- All ASSEMBLED and WIRED

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Athena-Performance data

PERFORMANCES TEST HAS BEEN DONE AT ROOM TEMPERATURE, WITH WATER, AT 1,5 mt SUCTION HEIGHT

FLOW RATES	PRESSURES	CC/IMP.	CONNECTIONS	STROKES/MIN.	CONSUMPTION	WEIGHT	Athena PR2
3 l/h	12 bar	0,31	4x6	160	20 watt	3 kg	
4 l/h	10 bar	0,42	4x6	160	20 watt	3 kg	
5 l/h	8 bar	0,52	4x6	160	20 watt	3 kg	
8 l/h	2 bar	0,83	4x6	160	20 watt	3 kg	

Athena PR main characteristics

- **PVDF PUMP HEAD** suitable for chemical used in the Industrial applications, waste water treatment and potable water applications.
- **CERAMIC BALL** full chemical compatibility.
- **PTFE DIAPHRAGM** unique life expectancy and compatibility with most chemicals.
- **STEADY DOSING**
- Stabilized Multi Power Supply 100÷240 Vac 50/60 Hz with reduced consumption.
- **QUICK CONNECTIONS; MANUAL PRIMING VALVE.**
- **IP65 PROTECTION.**
- **DIGITAL PROPORTIONAL FLOW** with Ph/Rx instruments.
- **POWER-ON and LEVEL ALARMS LED.**
- **Measuring range:** pH 0÷14 – Rx -999÷+999 mV.
- Automatic temperature compensation (pH).
- **4÷20 mA output** on all recording scale.
- **Manual / automatic calibration** with probe efficiency evaluation.
- **ANTI-SEEPAGE** system.

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Main applications

- Swimming pool.
- Potable water.

Installation kit



1- Probe holder adapter 8x12mm.

2- Filter wrench tool.

3- Floating level probe support.

4- Probe holder adapter.

5- Floating level probe.

6- PVC tube 8x12mm (2m).

7- pH probe.

8- Redox buffer solution.

9- Screws and mounting brackets kit.

10- Redox probe.

11- pH buffer solutions.