

E-Flow - Electronic flow switch

Pump control for pressure boosting by flow detection

- Starts a pump when flow is detected
- Dry Run Protection
- For Header Tank Boosting or In-line Boosting of Low Mains Water Pressure
- 1" (25mm) BSP In-line Fitting
- Simple Installation
- Any Orientation Installation
- Single Phase
- Clean Water Only
- IP65

How Does It Work?

Mac3 E-Flow is a flow activated electronic booster pump controller. When a flow is detected in the pipe, *E-Flow* runs the pump to increase pressure in the system until it detects that the flow has stopped. *E-Flow* can control a single phase pump of up to 2 Hp (1.5kW).

E-Flow features a in-line mounting, which fits onto a pipe with a 1" (25mm) threaded male connector, and can be mounted in any direction as the installation or surroundings require.

E-Flow features dry run protection with a warning light on the control panel to show a system error.

This product is designed for systems with clean water only.



Simple in-line mounting

Easy to read LEDs show the state of the unit:

- Power On
- Pump On
- Error / Flow



Technical Specifications

Physical	
Material	Calcium Filled Polypropylene / ABS
Weight	850g
Dimensions	120x200x100mm
Mounting	In-Line, 1" (25mm) BSP
Working Pressure	1.5 - 8 bar
Maximum Overpressure	12 bar
Minimum Flow	1 litre/min
Maximum Flow	100 litre/min
Operating Temperature	0°C – +50°C
Liquid Temperature	1°C – 40°C
Liquid Type	Clean Water - No Solids - pH 5 - 9
Ingress Protection	IP65
Electrical	
Supply Voltage	220-240Vac 50-60Hz Single Phase
Pump Power	1.5kW (2 Hp)
Pump Current	25(8)A
Contact Rating / Output Characteristics	AC2500 VA Resistive Load CosPhi=1 AC1875 VA Resistive Load CosPhi=0.4
Number Of Operations	30 Operations/Minute Max.

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