

EASYPRESS



www.pumpexpress.co.uk



Electronic pump controller with dry-run protection used for:
• ***Domestic water pressurization • Civil water plants • Garden water distribution***

The electronic PRESSURE-FLOW REGULATOR starts and stops the pump to which it is fitted as required. It substitutes traditional pressure switch/surge tank systems while offering several important advantages such as:

- reduced dimensions
- no maintenance requirements
- constant flow
- pump protection

The electronic pressure-flow regulator monitors the pressure and flow rate within the system and protects the pump against dangerous working conditions such as dry running.

When a tap is opened it starts the pump and keeps it running, delivering constant flow, even at low flow rates. It stops the pump when the flow rate demanded nears zero.

Not all electronic PRESSURE-FLOW REGULATORS are the same and they may be distinguished by:

- working and bursting pressure
- useful flow rate, dependant on the respective pressure losses
- power of the pump that they control
- pump starting pressure
- shut-off flow rate
- type of water accumulator
- presence of protection against dry running or excessively frequent starting.

All pumps should be matched to an appropriate electronic pressure and flow regulator after careful consideration has been paid to the individual characteristics and performance.

Thanks to the wide range of solutions available, the EASYPRESS series is capable of satisfying the most varied of needs while at the same time guaranteeing that the pump works both reliably and safely.

A special, no maintenance, patent pending membrane guarantees a high level of protection against overpressure. The large accumulation volume available is essential in preventing excessive running/stopping due to small losses within the system. It is therefore no longer necessary to fit air expansion tanks as is the case with seemingly cheaper pressure and flow regulators that don't have accumulators.

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The microprocessor protects the pump against:

- dry running (restarting the pump automatically once that water returns)
- excessively frequent starting.

The circuit board has passed the most stringent EMC tests for Electromagnetic Compatibility (low interference emission and high disturbance immunity) thus assuring reliable operation in any environment.

Ease of use

It is possible to monitor the state of the pump (power on/off / alarm) via one button and two different coloured, flashing LEDs.

Sturdy, techno polymer body, suitable for use in drinking water distribution systems:
Working pressure: 10 bar
Bursting pressure: > 40 bar .

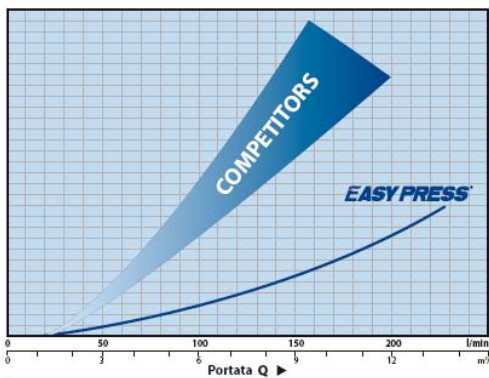
The extremely low pressure losses allow for its use in combination with pumps with flow rates up to 200 l/min.

The special patent pending valve guarantees that the pump runs continuously even with flow rates as low as 1-2 l/min, and permits EASYPRESS to be installed in any position.

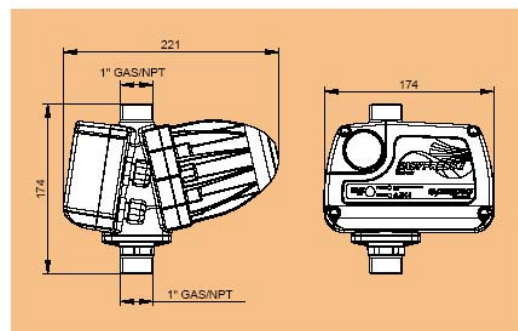
TECHNICAL DATA

- **VOLTAGE:** 230 V/110 V.
- **FREQUENCY:** 50÷60 Hz.
- **MAX CURRENT:** 10/16 Amp.
- **IP PROTECTION:** IP 65.
- **WORKING TEMPERATURE:** 0÷65 °C.
- **MAX FLOW RATE:** 200 l/min.
- **CONNECTIONS:** 1" BSP/ 1" NPT.
- **WORKING PRESSURE:** 10 Bar.
- **BURSTING PRESSURE:** >40 Bar.
- **WEIGHT:** 1450 g.
- **PROTECTION AGAINST:**
dry running (automatic reset)
excessively frequent starting.

PRESSURE LOSSES



DIMENSIONS



TYPE	POWER		VOLTAGE / FREQUENCY Volt/Hertz 230/50-60	START UP PRESSURE		
	0,75 kW 1 HP	1,1 kW 2 HP		0,8	bar 1,5	2,2
EASYPRESS I - 0,8	●		●			
EASYPRESS I - 1,5	●		●		●	
EASYPRESS II - 1,5		●	●		●	
EASYPRESS II - 2,2		●	●			●



The optional built-in pressure gauge guarantees electrical safety, due to the fact that it is installed outside of the IP 65 housing.



The 1" male threaded connections are available in BSP and NPT versions. In order to simplify the installation process, EASYPRESS can be supplied with a special built-in three piece joint.