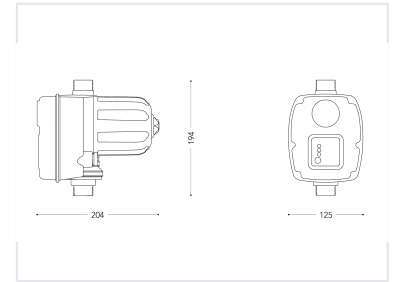


Electric Pump Controller

This electronic device automates the start and stop operations of single-phase electric pumps up to 2HP. It replaces traditional water systems by starting the pump after pressure decreases and stopping it when fluid flow interrupts.



ADDITIONAL IMAGES

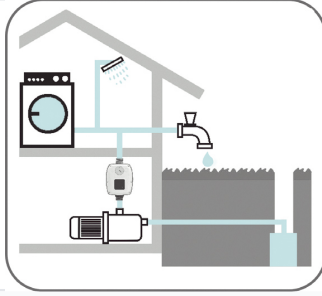


Overview

Intelligent Pump Automation

This electronic device automates the start and stop operations of single-phase electric pumps up to 2HP, serving as a modern replacement for traditional pressure switch and tank systems. It features an integrated 0.4-liter water tank to prevent frequent cycling caused by small leaks or minor water requests. Designed for reliability, the unit includes protection against dry running and water hammering, with an electronic board protected by a conformal coating in a waterproof compartment.

Technical Specifications



Integrated sensors monitor pressure and flow to ensure efficient, automated pump operation with built-in dry-run protection.

Electrical Ratings

230 V

Voltage

12 A

Max Current

60 Hz

Frequency

Performance Limits

10 bar

Max Pressure

2 HP

Max Power

0.4 L

Integrated Tank Capacity

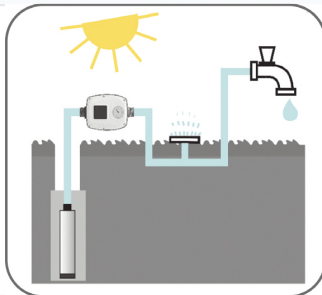
Protection Rating

IP65

Physical Dimensions

Dimension	Value	Unit
Length	204	mm
Height	194	mm
Width	125	mm

Features



The controller automates water distribution in irrigation systems, suitable for both above-ground and submerged installations.

Key Features

- Dry running protection
- Water hammering protection
- Integrated pressure gauge
- Replaceable BUTYL bladder
- Adjustable starting pressure
- Adjustable pre-charge pressure (1.5 bar factory setting)
- Installation in any position (vertical/horizontal)

Suitable Applications

Surface pumps, Vertical pumps, Submersible pumps, Residential water systems, Light commercial applications