

HVAC Pressure Control Unit for Water Pumps

This device adjusts the motor speed of a water pump based on water consumption. It maintains constant water pressure while conserving energy.



Product Overview

Smart Pressure Control for Water Systems

This highly integrated pressure control unit offers an all-in-one solution combining inverter, control, protection, cooling, and sensor systems. Designed for efficiency, it delivers energy savings of 20%-50% while maintaining constant water pressure to extend the service life of both pumps and piping networks. The unit features a user-friendly, fool-style interface for easy operation and installation without the need for professional debugging.

Key Performance Metrics

Performance Metrics

20 %

Energy Savings (Min)

50 %

Energy Savings (Max)

160 V

Min Voltage

250 V

Max Voltage

Key Features

System Advantages

- Motor soft start technology
- Constant water pressure output
- Highly integrated sensor and cooling systems
- Direct screw thread installation
- Fool-style one-button operation

Applications

Compatible Environments

Residential Water Supply, Villa Systems, Cold Water Circulation, Industrial Circulation, Cooling Systems

Technical Standards

Environmental Compliance

Energy Efficient • Reduces Secondary Pollution • Stable Voltage Operation