

Multistage Self-Priming Water Pump Unit

This multistage self-priming pump unit is designed for water boosting and supply applications. Constructed with a stainless steel pump body and motor housing for corrosion resistance, it provides consistent water pressure and flow.



Product Overview

Smart Pressure Control System

This multistage self-priming water pump unit features an integrated frequency inverter designed to maintain constant water pressure in both residential and light industrial piping systems. By automatically adjusting motor speed based on real-time consumption, the unit optimizes power usage for energy efficiency. The system includes automatic start-stop functionality triggered by flow or pressure changes and incorporates built-in protection against water shortages.

Operational Features

Operational Modes

- Automatic start on flow detection
- Constant pressure maintenance
- Variable speed motor adjustment
- Automatic shutdown on no-flow
- Dry-run protection

Control Interface

Pressure indication LED, Pressure adjusting buttons, Integrated design

Construction

Material Composition

Stainless steel pump body, Stainless steel motor housing

Applications

Recommended Use

Drinking water systems • Non-potable water piping • Residential boosting • Light industrial supply