

Automatic Self-Priming Water Pump

This pump is designed to deliver clean water without abrasive particles. It can be used to boost water pressure in pressurization systems or pump water for garden irrigation.



Product Overview

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This automatic self-priming water pump is engineered for reliable water delivery and pressure boosting in both residential and industrial environments. Featuring a built-in ejector, it offers superior head performance compared to standard centrifugal pumps and includes a thermal protector to prevent motor overheating. Constructed with durable materials like cast iron and brass, this unit is designed for long-term stability and efficiency in handling clean water applications.

Operational Limits

Max Working Pressure	6.5 bar
Liquid Temperature Range	-10°C to +60°C

Power Supply

Voltage Compatibility	220V (Single-phase), 380V (Three-phase)
Frequency	50 Hz

Construction Materials

Material Specifications

Component	Material
Pump Body	Cast iron (Electrophoretic paint)
Impeller	Brass / Stainless steel 304
Ejector	Cast iron (Electrophoretic paint)
Diffuser	Cast iron (Electrophoretic paint)
Shaft	Stainless steel

Mechanical Seal Types

- Graphite-Ceramic-NBR (Standard)
- Graphite-Sic-FPM (For hot water)

Features

Key Features

Self-priming function • Built-in ejector • Thermal overload protection • High suction head • Corrosion-resistant coating

Applications

Recommended Applications

- Clean water delivery without abrasive particles
- Industrial and residential water supply
- Well and tank water extraction
- Pressurization systems
- Garden irrigation

Guarantee

Warranty

2 years