

0.5 HP Self-Priming Aluminum Wire Water Pump

This automatic booster system includes a water pump, membrane tank, pressure gauge, and pressure switch. It provides suitable mains water pressure for domestic appliances and industrial applications, ensuring sufficient water supply.



Overview

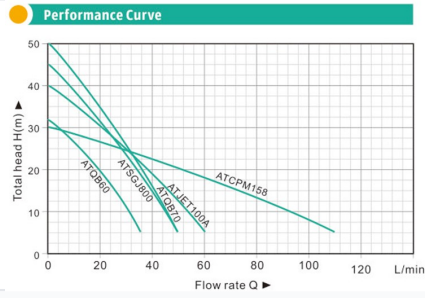


The compact automated pump system designed for ease of installation.

High-Efficiency Self-Priming Booster System

This automatic booster system integrates a high-performance water pump with a membrane tank, pressure gauge, and pressure switch to maintain consistent water pressure for domestic and industrial needs. Featuring a 0.5 HP motor with aluminum wire construction, it is designed for reliable water transfer and automated operation. The system includes a pre-filled non-toxic rubber membrane pressure vessel and is built to ensure a steady supply for various outlets.

Technical Specifications



Performance characteristics including head (m) vs flow rate (L/min) for the model.

Power Output

0.5 HP

Horsepower

370 W

Power

Performance Capabilities

35 L/min

Max Flow Rate

32 m

Max Head

Electrical Requirements

- 220V/50HZ
- 110V/60HZ
- Electric drive

Construction & Materials



Robust aluminum construction for durability in various environments.

Material Composition

Aluminum Pump Body, Aluminum Impeller, Non-toxic Rubber Membrane

Operating Conditions

Operating Limits

Parameter	Limit
Max Fluid Temperature	40°C
Max Environment Temperature	40°C
Max Working Pressure	8 bar

General Information

General Specifications

- Outlet Diameter: 1"
- Protection Degree: IP43
- Gross Weight: 12kg
- Conveying Medium: Clean water