

Self-Priming Peripheral Water Pump for Clean Water

This pump is designed for pumping clean water without abrasive particles and non-aggressive liquids in domestic, agricultural, and irrigation settings. It is engineered for efficient water transfer and pressure boosting.



Product Overview

Professional Self-Priming Peripheral Pump

This self-priming peripheral water pump is engineered for efficient clean water transfer and reliable pressure boosting in both residential and light commercial settings. Featuring a robust copper-winding motor with thermal overload protection and durable brass/stainless steel construction, it provides consistent performance under demanding conditions. Its self-priming capability allows for versatile installation, making it an ideal solution for domestic water supply and irrigation systems.

Performance Metrics

Performance Highlights

50 m

Max Head

4.5 m³/h

Max Flow

8 m

Max Suction

Technical Specifications

Electrical Characteristics

Parameter	Specification
Power Range	0.125 - 1.1 KW
Voltage	110/220V
Frequency	50Hz/60Hz

Material Composition

- Brass Impeller
- Stainless steel or CS45# Shaft
- Silicon carbide-Graphite Mechanical seal
- Copper winding motor

Operating Conditions

Operating Limits

- Max Liquid Temperature: +90
- Max Ambient Temperature: +40
- Max Working Pressure: 6 bar

Safety Standards

IP44 Protection • Class B Insulation • Thermal Overload Protection