

Clean Water Transfer Pump

This pump is suitable for handling clean water without abrasive particles and fluids not chemically aggressive to its components. It is designed for applications such as water supply, recirculation in air conditioners, and automatic water distribution from surge tanks.



Overview

Clean Water Transfer Pump

This MQS series pump is designed for transferring clean water free of abrasive particles and chemically non-aggressive fluids. It is a reliable, compact, and economical solution suitable for both domestic and industrial applications, including water supply for air conditioning, refrigerator recirculation, and automatic water distribution from surge tanks. The unit is equipped with a suction-side check valve, eliminating the need for a foot valve, and supports water lifting from depths up to 9 meters.

Performance Metrics

Key Performance Indicators

36 L/min

Max Flow Rate

33 m

Max Head

370 W

Power Input

9 m

Max Suction Depth

Technical Specifications

Electrical Data

Parameter	Value
Voltage	220-240V
Frequency	50 Hz
Input Current	2 A
Capacitor	8 μ F / 450 V
Speed	2850 min ⁻¹

Materials of Construction

- Pump Body: Cast Iron
- Motor Housing: Iron Sheet
- Impeller: Brass/Aluminum
- Shaft with Rotor: 45# Steel
- Mechanical Seal: Carbon/Ceramic
- Bearing: C&U or local

Operating Conditions

Operating Limits

- Max Liquid Temperature: +60°C
- Max Ambient Temperature: +40°C
- Continuous Duty Cycle
- Thermally Protected

Compliance & Protection

Ratings

IP44 Protection, Insulation Class B