

# High-Efficiency Water Circulation Pump

This high-efficiency water circulation pump is designed for HVAC and domestic hot water systems. It operates at 230V/50/60Hz with low energy consumption and minimal noise.



## Product Overview

### High-Efficiency Circulation Solution

This high-efficiency water circulation pump is engineered for reliable performance in diverse heating and cooling applications. Designed for versatility, it supports domestic hot water, solar thermal systems, and industrial circulation needs with an automatic control mode for optimized energy usage. The unit features a robust construction with Class H insulation and IP42 protection, ensuring durability in demanding environments.

## Electrical Specifications

### Power Consumption Range

**20 W**

Minimum Power

**185 W**

Maximum Power

### Current Draw Range

**0.15 A**

Min Current

**1.3 A**

Max Current

### Power Supply

1×230V +10%/-15%, 50/60Hz

## Operating Conditions

### Operating Temperatures

- Environment: 0 to +40°C
- Liquid: +2 to +110°C

### Max System Pressure

1 MPa

### Max Humidity

95%

## Technical Ratings

### Protection Class

IP42

### Insulation Class

H

### Compliance Standards

CE, GS, EMC, LVD, RoHS, REACH

## Applications

### Typical Applications

- Domestic heating and hot water supply
- Air and ground source heat pump systems
- Air-conditioning systems
- Industrial hot water circulation
- Solar thermal systems