

# Automatic Hot & Cold Water Circulation Booster Pump

This pump is designed for heating systems, including under-floor and solar hot water circulation. It is widely used in apartments, hotels, and sauna centers.



## Product Overview

### High-Efficiency Circulation and Boosting

This automatic shield-type pump is engineered for reliable hot and cold water circulation in residential or commercial settings. Its innovative design separates water from coil windings to prevent leakage, utilizing a water-lubricated porcelain bearing and shaft system for silent, durable operation. With a built-in flow switch, the pump offers simplified installation and seamless automatic operation for consistent water pressure.

## Technical Specifications

### Insulation Class

Class F

### Protection Class

IP42

### Power Rating

120 W

### Maximum Head

9 m

### Capacity

40 L/min

### Voltage/Frequency

220/240V at 50/60Hz

### TF Rating

TF 110

## Key Features

### System Highlights

- Stainless steel shield housing
- Water-cooled system for noise reduction
- Maintenance-free porcelain bearings
- Built-in automatic flow switch
- 30,000 hours service life

### Operation Modes

Manual, Auto, Off