

# Automatic Water Circulation Booster Pump

This automatic booster pump is designed for circulating both cool and hot water. It is widely used in heating systems, apartments, hotels, and salons.



## Product Overview

### High-Efficiency Circulation Pump

This shield-type automatic boosting pump is engineered for efficient circulation of both cool and hot water in residential or commercial systems. Featuring a unique stainless steel shield design, it ensures total separation between water and coil windings, eliminating the need for mechanical seals and preventing leaks. Its durable porcelain bearing and shaft system utilizes the pumped fluid for internal lubrication and cooling, resulting in quiet operation and an extended service life of 30,000 hours.

## Technical Specifications

### Key Performance Metrics

**120 W**

Power Consumption

**9 m**

Max Head

**44 L/min**

Flow Capacity

### Electrical Requirements

- Voltage: 220/240V
- Frequency: 50/60Hz
- Insulation Class: F
- Thermal Protection: TF 110 fuse

### Design Specifications

| Feature          | Specification          |
|------------------|------------------------|
| Housing Material | Stainless Steel        |
| Bearing Type     | High-tensile porcelain |
| Flow Control     | Built-in flow switch   |
| Model Number     | 15PBG-9-N              |

## Operational Features

### Safety and Protection

IP 42 • CE Certified

### Operating Modes

Manual, Auto, Off