

Automatic Frequency Conversion Water Circulation Booster Pump

This pump is designed for domestic hot water systems, including under-floor heating and solar hot water circulation. It automatically boosts water pressure and circulation for both cold and hot water.



Overview

Intelligent Circulation and Boosting

This automatic frequency conversion booster pump is engineered for efficient water circulation and pressure management. Featuring a shielded design with a stainless steel housing, it effectively separates water from coil windings to eliminate the need for mechanical seals and prevent leakage. The system utilizes a high-tensile porcelain bearing and shaft, ensuring quiet operation and a long service life of up to 30,000 hours.

Technical Specifications

Design Features	Stainless Steel Shield, No Mechanical Seal, Leak-proof Design, Quiet Operation
Bearing Material	High Tensile Porcelain
Expected Service Life	30000 hours

Control & Sensors

Sensor Advantages

- High sensitivity
- Low fault rate

Flow Sensor Technology	Hall Induction Principle
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Performance

Maintenance Requirement	Easy Maintenance
Cooling Mechanism	Direct water cycle between stator and rotor