

Water Circulation Pump for HVAC&R Systems

This water pump is designed for efficient water circulation in various applications. Its robust construction ensures durability and long-lasting performance, making it suitable for HVAC&R systems.



Overview

Reliable Water Circulation Solution

The DB series water circulation pump is engineered for high-efficiency transfer of clean water and liquids with similar physical properties. It is an ideal choice for HVAC&R systems, garden irrigation, and boosting mains water pressure in residential or commercial settings. Built with robust materials like cast iron and brass, this pump ensures long-term durability and consistent performance in continuous duty applications.

Performance Metrics

Key Performance Indicators

8 m

Max Suction

60 °C

Max Liquid Temp

40 °C

Max Ambient Temp

Construction Materials

Component Materials

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

Technical Specifications

Insulation Class

Class B

Protection Rating

IP44

Motor Phase

Single phase

Applications

Recommended Uses

- HVAC&R System Circulation
- Surge Tank Support
- Garden Irrigation
- Mains Water Pressure Boosting
- Clean Water Transfer

Operating Conditions

Duty Cycle

Continuous duty