

5.1kW Water Chiller for Laboratory Equipment

This water chiller is designed for cooling laboratory equipment. It offers a 5100W cooling capacity and precise temperature control.



Product Overview

High-Precision Laboratory Cooling Solution

This industrial-grade water chiller delivers a robust 5.1kW cooling capacity, engineered specifically to support sensitive laboratory equipment. With a temperature stability of $\pm 0.5^{\circ}\text{C}$, it ensures consistent thermal control for demanding processes. The unit is designed for durability and ease of use, featuring comprehensive safety protections including compressor time-delay and overcurrent monitoring.

Performance Metrics

Cooling Capacity

5.1 kW

Cooling Capacity

0.5 °C

Temperature Stability

Technical Specifications

Electrical Requirements

| Parameter | Value |
|------------|------------------------------|
| Voltage | 220V |
| Frequency | 50/60Hz |
| Pump Power | 0.05kW / 0.1kW / 0.37-0.75kW |

Hydraulic & Refrigerant Details

- Refrigerants: R-22 / R-410a
- Tank Capacity: 15L
- Max Lift: 12M / 25M / 28-53M
- Max Flow: 13L/min - 70L/min

Physical Dimensions

Dimensions & Weights

| Category | Dimensions (L x W x H) | Weight |
|----------|------------------------|---------------|
| Unit | 67 x 47 x 89 cm | 69 kg (Net) |
| Packed | 74 x 60 x 109 cm | 79 kg (Gross) |

Compliance & Safety

Alarm Systems

- Compressor time-delay protection
- Compressor overcurrent protection
- Water flow alarm
- High/Low temperature alarm

Compliance Standards

CE, RoHS