

Compact Water Chiller for UV LED Systems

This water chiller is designed to cool UV LED systems. It provides efficient temperature regulation with a cooling capacity of 1400W.



Overview

Compact Industrial Cooling Solution

This industrial refrigeration water chiller provides a robust 1400W cooling capacity designed for precise temperature control in demanding applications. Featuring dual operation modes—constant temperature and intelligent temperature control—it automatically adjusts to ambient changes to protect sensitive equipment. Its compact design and efficient thermoelectric control make it an ideal choice for extending the lifespan of laser tubes and spindles.

Performance Metrics

Cooling Capacity

1400 W

Cooling Capacity

0.3 °C

Temperature Precision

Flow and Pressure

16 L/min

Max Flow Rate

25 M

Max Lift

Technical Specifications

Pump Power Options

- 0.03
- 0.05
- 0.1

Tank Capacity

6 L

Supported Refrigerants

R-134a, R-410a

Compatibility

Model Application Guide

Model	Typical Application
CW-5200AG	Single 130W CO2 laser tube
CW-5200AH	Single 8KW CNC spindle, welding equipment, or two 100W CO2 laser tubes
CW-5200AI	Single 50W-75W laser diode, 15W-30W solid-state laser, or 30W RF laser tube

Physical Dimensions

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Metric	Value
Net Weight	26 Kg
Gross Weight	29 Kg
Product Dimensions (LxWxH)	58 x 29 x 47 cm
Packing Dimensions (LxWxH)	70 x 43 x 58 cm