

# 800W Water Chiller for UV Lasers

This 800W water chiller features a temperature stability of  $\pm 0.3$ . It has two temperature control modes, including constant temperature control and intelligent temperature control mode.



## ADDITIONAL IMAGES



## Product Overview

### Industrial Precision Cooling

The CWUL-10 is a high-performance water chiller engineered specifically for UV lasers in the 8W-15W range. It provides a robust 800W cooling capacity with superior temperature stability of  $\pm 0.3^{\circ}\text{C}$ . By featuring both constant and intelligent temperature control modes, the unit effectively prevents condensation and ensures stable laser output for industrial applications.

## Technical Specifications

### Key Performance Metrics

<b>800 W</b> Cooling Capacity	<b>0.3 °C</b> Temp Stability	<b>13 L/min</b> Max Flow
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### Physical Dimensions

Metric	Value
Net Weight	24 kg
Gross Weight	27 kg
Dimensions (LxWxH)	58 x 29 x 47 cm

Operating Temperature Range	5-35°C
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## Electrical and Mechanical

### Power and Fluid Specs

- Voltage: 220V
- Frequency: 50Hz
- Pump Power: 0.05 kW
- Tank Capacity: 6 L
- Refrigerant: R-134a

## Compliance and Safety

### Integrated Safety Alarms

- Compressor time-delay protection
- Compressor overcurrent protection
- Water flow alarm
- Over high/low temperature alarm

### Certifications

CE, RoHS, REACH