

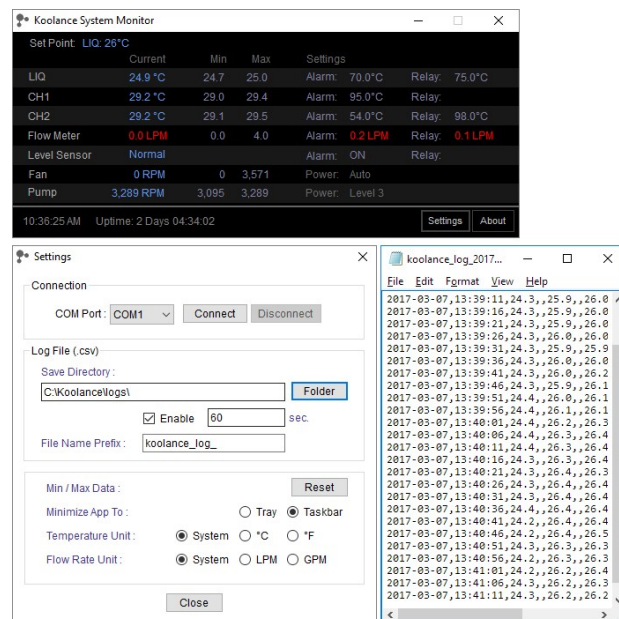


Koolance ALH-2000 Liquid Cooling and Heating System

\$1,935.99

Product Images





Short Description

ALH-2000 is an ambient liquid cooling system with heating capabilities to maintain a steady temperature for a non-constant heat load, or for a cold plate/sample which must stay near or above the ambient room temperature.

Description

ALH-2000 is an ambient liquid cooling system with heating capabilities to maintain a steady temperature for a non-constant heat load, or for a cold plate/sample which must stay near or above the ambient room temperature.

ALH-2000 monitors coolant flow rate, temperature, and reservoir level. It contains a large stainless steel coolant reservoir with an internal coolant pump outputting up to 8.8LPM (2.3GPM). A USB port is integrated for viewing and logging of temperature and sensor data using the [Koolance System Monitor](#) application.

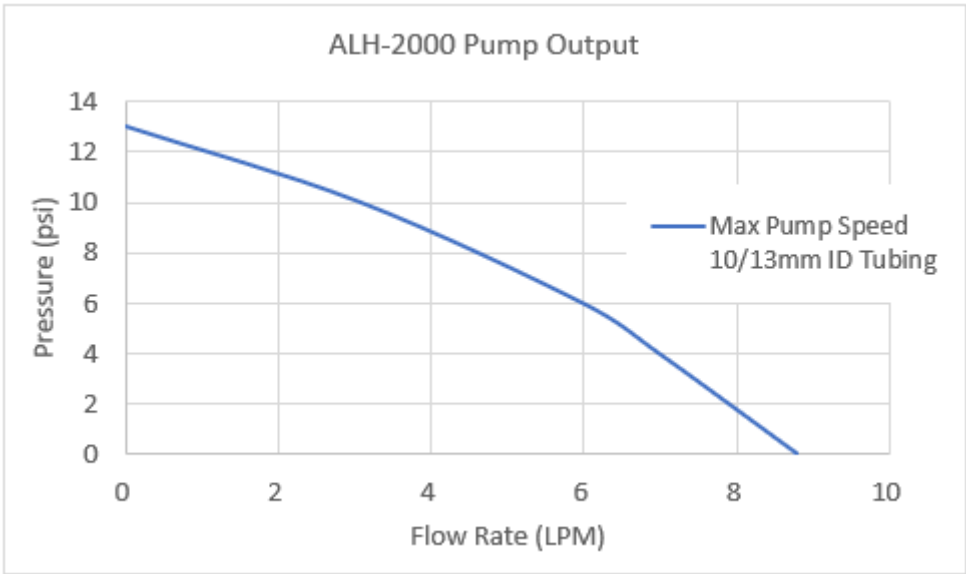
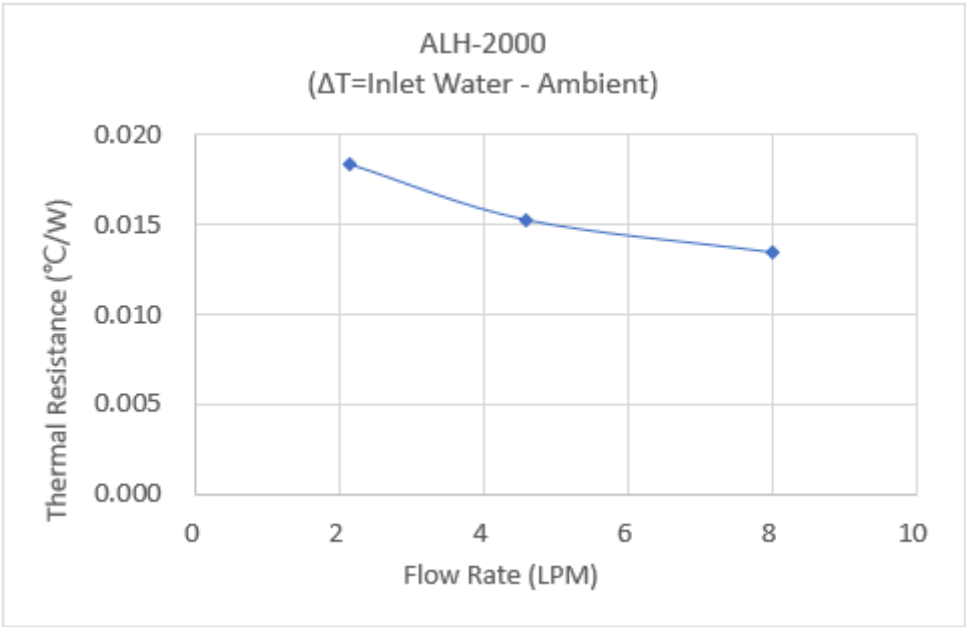
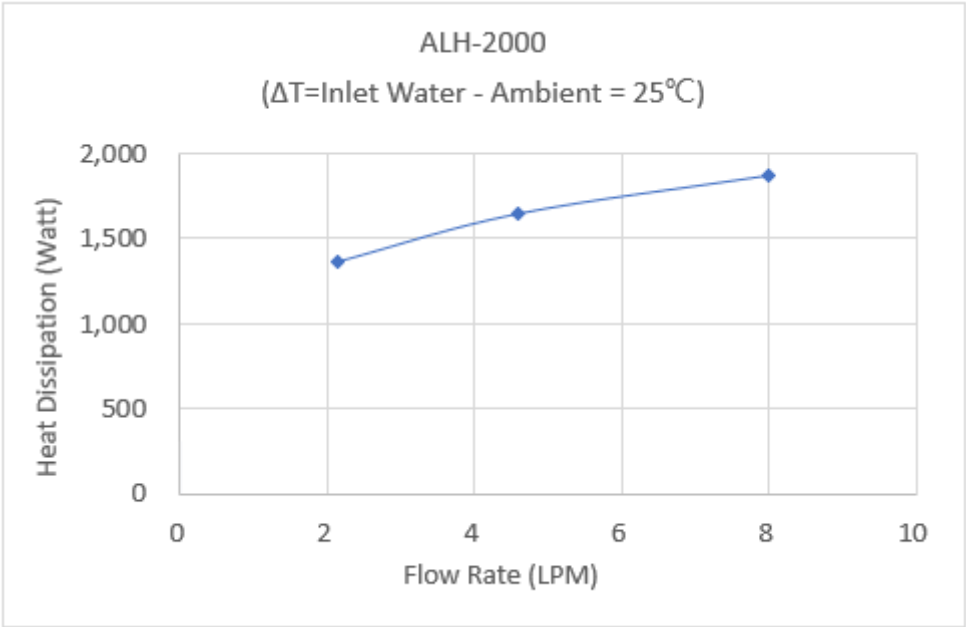
Features

- Cooling capacity: 2000W (6824BTU/hr) with 25°C liquid-ambient delta @ 8.8LPM
- Heating capacity: 1000W
- Temperature in °C/°F with set-point based on: liquid (-30 to 90°C), or one of two optional K-type thermocouples (-20 to 120°C)
- Pump: 10 manual levels, up to 8.8LPM (2.3GPM)
- Select only values you want displayed on the front 2-line OLED display (fixed or rotating)

- Show coolant flow rate in LPM/GPM
- Show pump impeller speed in RPM
- Enable audio alarm based on: temperature, flow rate, and/or reservoir coolant level
- Enable relay trigger (NO or NC) based on: temperature, flow rate, and/or reservoir coolant level
- Power input: 110/220VAC, 50-60Hz
- Max power consumption: 85W when cooling, 1040W when heating
- Reservoir capacity: 10L (338 fl oz)
- G 1/4 BSPP threads on back for fittings

Specifications

| General | |
|-----------------------|--|
| Weight | 39.00 lb (17.69 kg) |
| Max Pressure @ 25°C | 2kgf/cm2 (28.5psi) |
| Max Temperature | 60°C (140°F) |
| Cooling Systems | |
| Cooling Capacity | 2000W (6824BTU/hr) @ 25°C liquid-ambient (25°C dT) |
| Display Type | OLED |
| Flow Rate | 8.8LPM (2.3GPM) |
| Heating Capacity | 1000W |
| Max Power Consumption | 40W when cooling, 1040W when heating |
| Power Source | 110/220 VAC, 50-60Hz |
| Temperature Sensors | Liquid & Two K-Type Thermocouples (optional) |
| Temperature Stability | +/-0.5°C (with heat load) up to +/-1°C (without heat load) |



Additional Information

| | |
|------------------|---------------|
| Brand | Koolance |
| SKU | ALH-2000 |
| Weight | 45.0000 |
| Color | Black |
| Cooling Capacity | 2000W |
| Vendor SKU/EAN | Special Order |

