

CLIMAGUARD™ AIR-TO-WATER INDOOR


WCHE01
2968 BTU/Hr.
870 Watts

WCHE04/WCHE06
7506/10577 BTU/Hr.
2200/3100 Watts

WCHE14
22861 BTU/Hr.
6700 Watts

INDUSTRY STANDARDS

UL/cUL Listed; Type 12; File No. SA33866

CE
IP55

APPLICATION

- Industrial process controls
- Industrial robotics controls
- Electronic cabinets in harsh environments
- Conveyor systems

FEATURES

- Capacities ranging from 870 watts to 6700 watts
- Filterless design
- NEMA power cord connection standard
- Copper pipe and aluminum fins heat exchanger core
- Air movers with thermal protection
- Regulating mechanical thermostat set at 35 C (95 F), differential of 4 C (7 F)
- Operating temperature from 10-50 C (50-122 F)
- Solenoid water valve
- UL Listed to save customers time and money with agency approvals
- Recovery of condensation system and condensation discharge pipe
- Requires an available cooled water source

FINISH

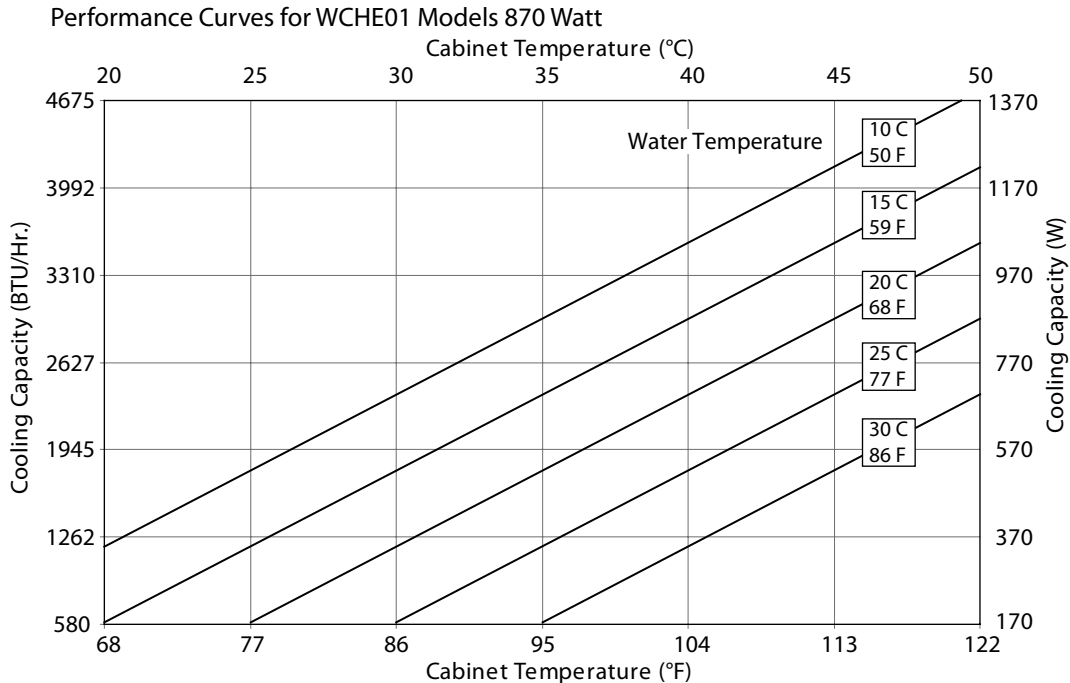
- Standard models constructed of rugged steel
- RAL 7035 light-gray, powder-coat polyester paint

NOTES

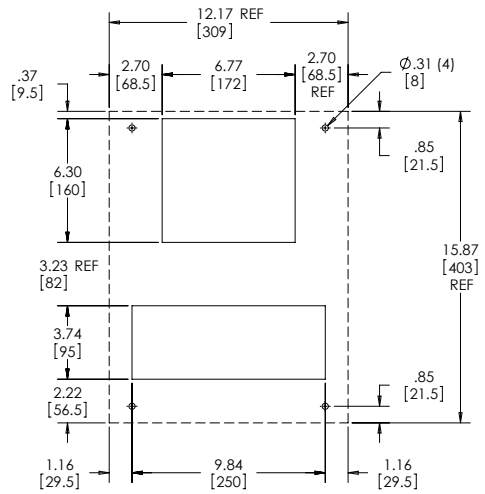
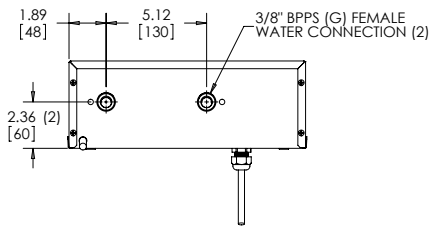
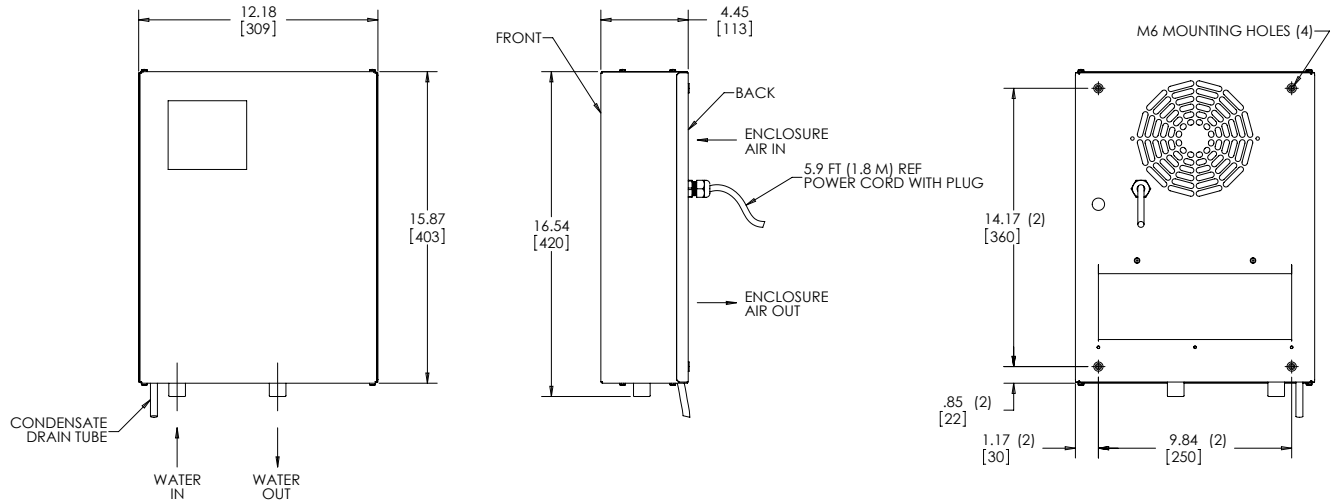
Visit www.HoffmanOnline.com to download 2D and 3D CAD drawings into the overall design of your electronic system.

Performance Data **WCHE01 Models 870 Watt**

| CATALOG NUMBER | WCHE01916002 | WCHE01926002 |
|--|---|--------------------------|
| COOLING PERFORMANCE | | |
| Nominal: | | |
| BTU/Hr. @ Δt 25 C | 2968 | 2968 |
| Watts @ Δt 25 C | 870 | 870 |
| Refrigerant | NA | NA |
| Refrigerant Charge (ounces/grams) | NA | NA |
| Operating Temperature Range: | | |
| Maximum (°F/°C) | 122/50 | 122/50 |
| Minimum (°F/°C) | 50/10 | 50/10 |
| Flow at 0 Static Pressure: | | |
| Internal loop 50 Hz (Airflow: CFM / m ³ /hr.) | 194/330 | 194/330 |
| External loop 50 Hz (Waterflow: GPM @ 95 F) | 0.66 | 0.66 |
| Internal loop 60 Hz (Airflow: CFM / m ³ /hr.) | 194/330 | 194/330 |
| External loop 60 Hz (Waterflow: GPM @ 95 F) | 0.66 | 0.66 |
| ELECTRICAL DATA | | |
| Rated Voltage | 115 | 230 |
| Frequency (Hz) | 50/60 | 50/60 |
| Operating Range | +/- 10% | +/- 10% |
| Max. Power Consumption [W at 50/60 Hz] | 28 | 28 |
| Max. Nominal Current [A at 50/60 Hz] | 0.5 | 0.5 |
| Starting Current (Amps) | 0.7 | 0.7 |
| Agency Approvals | UL/cUL Listed | |
| Power Input Description | Cord with NEMA 5-15 plug | Cord with NEMA 6-15 plug |
| ENCLOSURE PROTECTION | | |
| UL Type | Type 12/IP55 | Type 12/IP55 |
| CONTROLLER | | |
| Description | Basic Mechanical Thermostat | |
| Thermostat Location | Behind front cover, near the fan | |
| Factory Thermostat Setting (°F/°C) | 95/35 | 95/35 |
| SOUND LEVEL | | |
| At 1.0 Meters | 58 dBA | 58 dBA |
| UNIT CONSTRUCTION | | |
| Material | Mild Steel Sheet Metal Standard | |
| Finish | RAL 7035 light-gray, semi-textured powder-coat paint standard | |
| UNIT DIMENSIONS | | |
| Height (in./mm) | 15.9/404 | 15.9/404 |
| Width (in./mm) | 12.12/308 | 12.12/308 |
| Depth (in./mm) | 4.49/114 | 4.49/114 |
| Weight (lb./kg) | 19.84/9 | 19.84/9 |



WCHE01 Models 870 Watt



89091145

CUTOUT DIMENSIONS

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