

# HC080J4 (50 HZ)

## HAZARDOUS LOCATIONS

8000 BTUH | INDOOR/OUTDOOR, UL TYPES 12, 4 & 4X AVAILABLE

Designed to provide nonincendive cooling for electrical enclosures in hazardous locations, these closed-loop units are ideal for use on systems in chemical and petrochemical, refining, onshore and offshore drilling applications.



### OPTIONS:

- Corrosion Protection
- Low Ambient
- Remote Controller
- Dry Contact
- Controller Programming
- External Heater Control  
(for Haz Loc enclosure heaters)
- Filter/Filter Frame
- Extended Temperature Probe
- Custom Paint

### Thermal Edge HC080J4 50Hz Hazardous Location air conditioners are certified to the following standard(s):\*

- ANSI/ISA-12.12.01-2015 Nonincendive Electrical Equipment for use in Class I, Division 2, Groups A, B, C, and D T4 Hazardous (Classified) Locations
- CAN/CSA C22.2 No. 213-15 Nonincendive Electrical Equipment for use in Class I, Division 2, Groups A, B, C, and D T4 Hazardous (Classified) Locations
- 0°C ≤ T<sub>a</sub> ≤ +50°C

### System Features

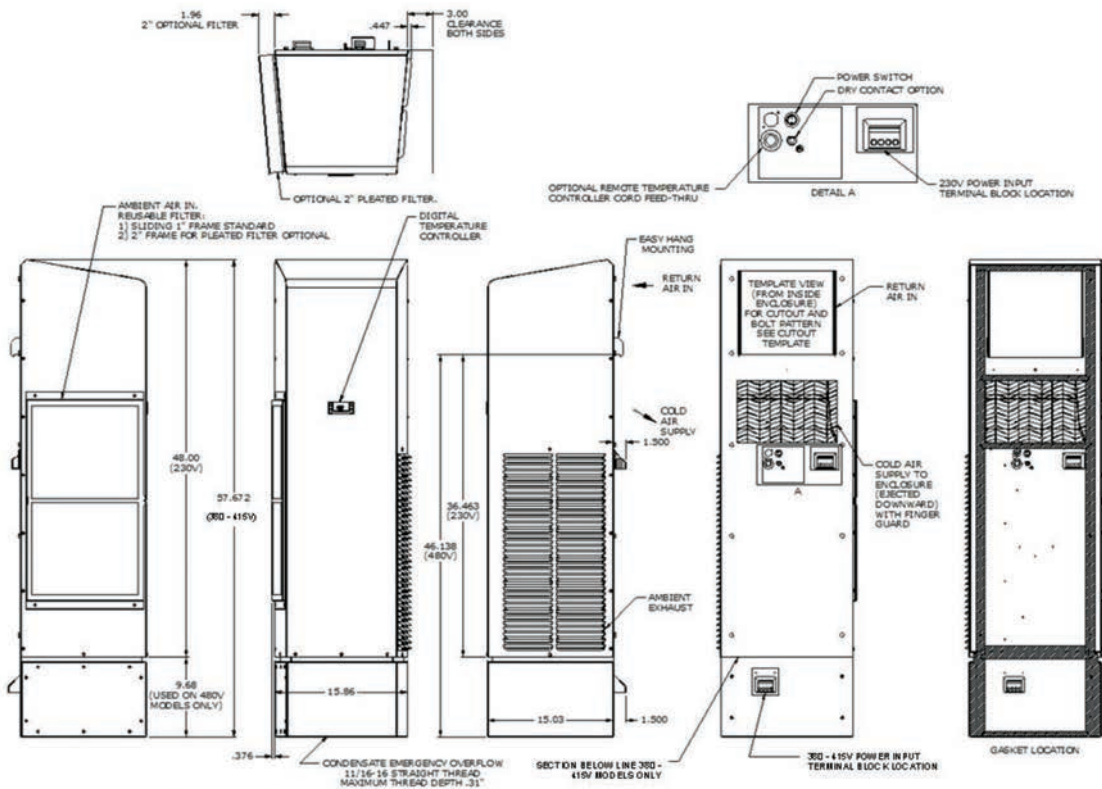
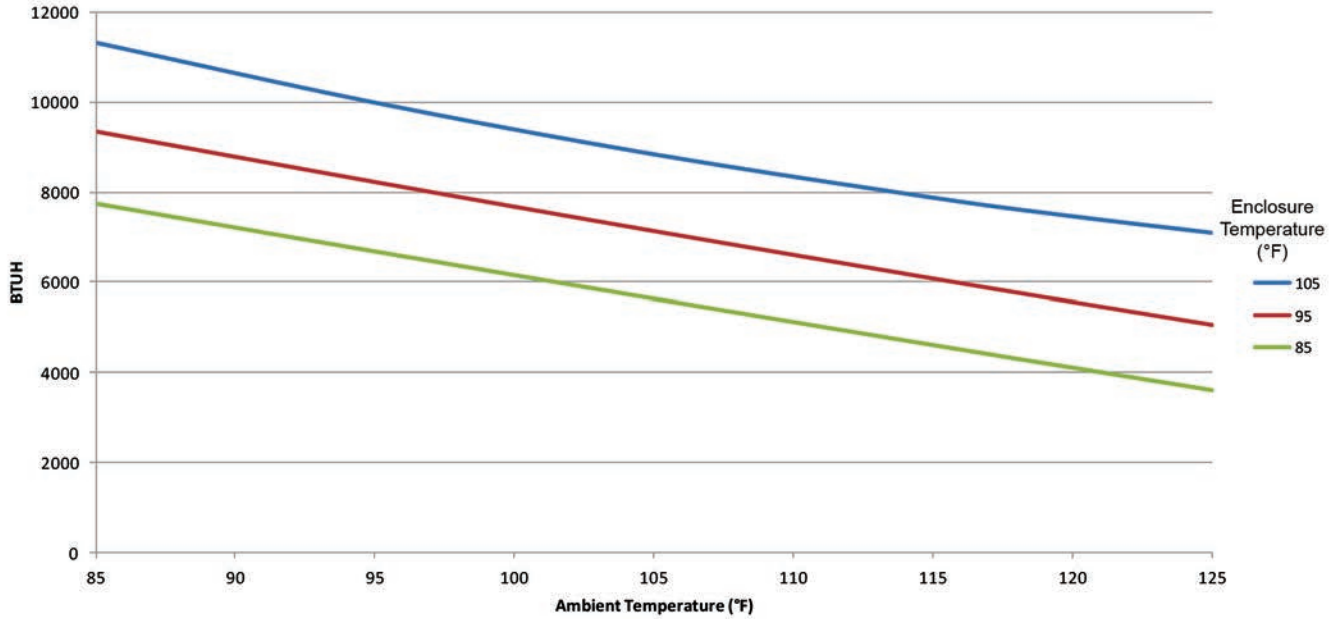
- For purged and non-purged enclosures
- Active, energy efficient, Condensate Evaporation System
- Fully programmable digital controller with built in alarms and alerts
- Remote controller option places controller inside enclosure
- Thermal Expansion Valve for maximum efficiency when temperature or heat load changes
- Hermetically sealed compressor thermal overload protector
- 8000 BTUH
- Available in UL types 12, 4 and 4X

### Unit Efficiency

- Pressure-operated condenser fan reduces power inrush and saves energy
- Highly efficient Rotary Compressor
- Fully insulated & sealed cabinet

Model	UL Type	BTU/Hour	Material	Voltage/Phase/Hz.	Running Amps	Max. Amb. Temp.	H x W x D	Weight (lbs.) Unit/Ship
HC08023512J4	12	8,000	Powder coated steel	230/1/50	7.1	50°C	48" x 15.86" x 15"	166 / 186
HC08023504J4	4	8,000	Powder coated steel	230/1/50	7.1	50°C	48" x 15.86" x 15"	166 / 186
HC0802354XJ4	4X	8,000	Stainless steel	230/1/50	7.1	50°C	48" x 15.86" x 15"	166 / 186
HC08038512J4	12	8,000	Powder coated steel	380/1/50	4.3	50°C	57.6" x 15.86" x 15"	232 / 275
HC08038504J4	4	8,000	Powder coated steel	380/1/50	4.3	50°C	57.6" x 15.86" x 15"	232 / 275
HC0803854XJ4	4X	8,000	Stainless steel	380/1/50	4.3	50°C	57.6" x 15.86" x 15"	232 / 275
HC08040512J4	12	8,000	Powder coated steel	400/1/50	4.1	50°C	57.6" x 15.86" x 15"	232 / 275
HC08040504J4	4	8,000	Powder coated steel	400/1/50	4.1	50°C	57.6" x 15.86" x 15"	232 / 275
HC0804054XJ4	4X	8,000	Stainless steel	400/1/50	4.1	50°C	57.6" x 15.86" x 15"	232 / 275

Testing done under controlled conditions. Actual performance may vary.



\*Critical components in the NRTL Hazardous Location Listing Report must not be substituted with alternate components. Thermal Edge, Inc. and MET Labs must be notified before changes to any drawings, samples, or required documentation are approved.

ATTENTION: If ordering a replacement for a Thermal Edge air conditioner, please include the part number and serial number of the unit being replaced in your order. This will ensure that we ship a replacement that is compatible with the cutout dimensions and power connection features of the older model. All information subject to change without notice.