

HC121 (50 HZ)

12,000 BTUH

INDOOR/OUTDOOR, UL TYPES 12, 4 & 4X AVAILABLE

Engineered & manufactured to endure the most difficult of environments and applications. Thermal Edge air conditioners will exceed environmental requirements in applications like Steel, Food Processing, Petro-Chemical, Cement, Paper & Pulp and Plastics.



Digital Temperature Controller

- Programmable set point and temperature controls
- Visible Error and/or alarm messaging
- System status indication & keypad lockout function

Active Condensate Evaporation System

- Constant elimination of condensate
- Increases unit efficiency by pre-cooling refrigerant

Key Design Features

- Sloped top to allow for water runoff
- Designed with rigid chassis and seam welded shroud
- Thoughtful interior design for easy maintenance

Unit Efficiency

- Temperature operated condenser fan reduces power inrush and saves energy
- Highly efficient rotary compressor
- Fully insulated & sealed cabinet
- Thermal Expansion Valve to maintain cooling capacity over a broad ambient temperature range

Compressor Protection System

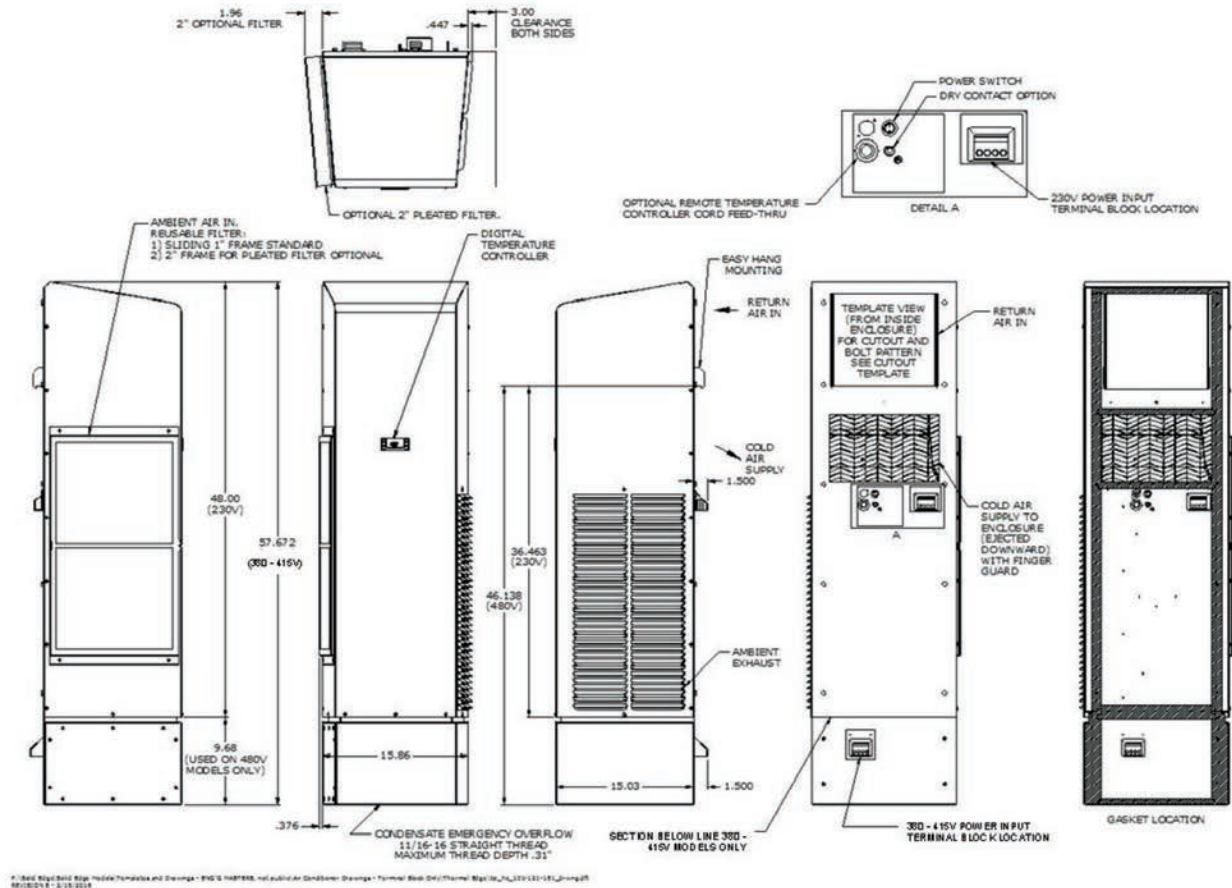
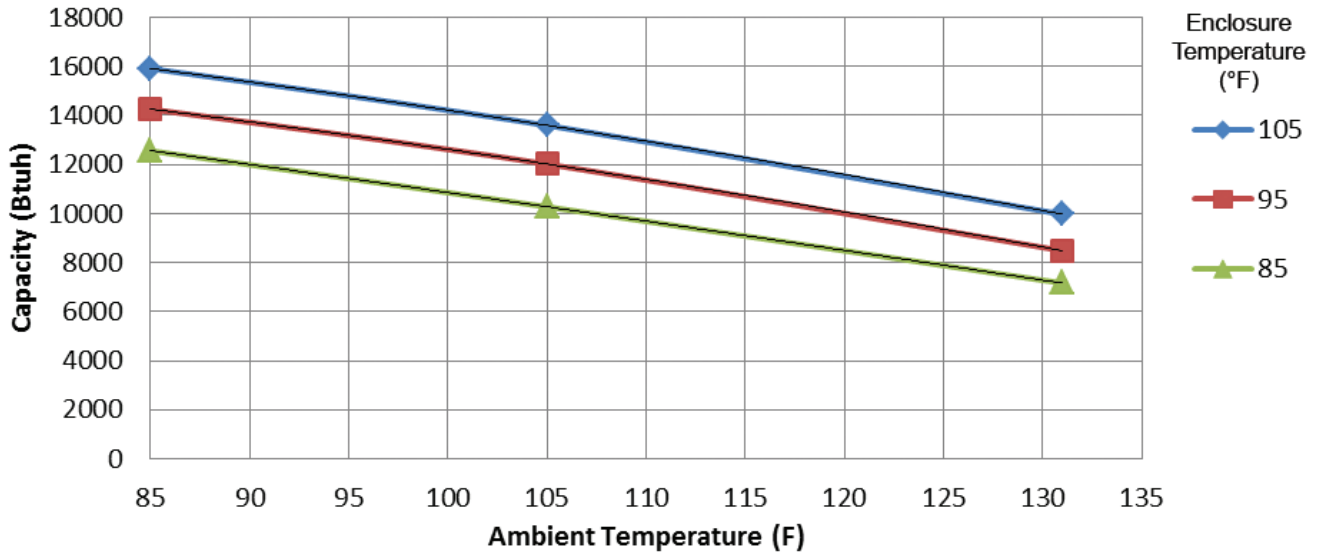
- High & Low refrigerant cutouts with fault indication
- Compressor anti short cycle protection
- Thermal overload protector
- Compressor run capacitors reduce power inrush, save energy and increase compressor life

OPTIONS:

- Low and High Ambient
- Remote Controller
- Corrosion Protection
- Dry Contact
- Redundant System
- Filter/Filter Frame
- Controller Programming
- Heater
- Hazardous Location
- Open Door Kill Switch
- Custom Finish
- Extended Temperature Probe
- Remote Control/Monitor
- Hard Start Kit
- Diagnostics

Model	UL Type	BTU/Hour	Material	Voltage/Phase/Hz.	Running Amps	Max. Amb. Temp.	H x W x D	Weight (lbs.) Unit/Ship
HC12123512	12	12,000	Powder coated steel	230/1/50	8.6	131°F	48" x 15.86" x 15"	163 / 183
HC12123504	4	12,000	Powder coated steel	230/1/50	8.6	131°F	48" x 15.86" x 15"	163 / 183
HC1212354X	4X	12,000	Stainless steel	230/1/50	8.6	131°F	48" x 15.86" x 15"	163 / 183
HC1212354XL4	4X	12,000	Mill finish aluminum	230/1/50	8.6	131°F	48" x 15.86" x 15"	153 / 173
HC12138512	12	12,000	Powder coated steel	380/1/50	5.2	131°F	57.6" x 15.86" x 15"	237 / 280
HC12138504	4	12,000	Powder coated steel	380/1/50	5.2	131°F	57.6" x 15.86" x 15"	237 / 280
HC1213854X	4X	12,000	Stainless steel	380/1/50	5.2	131°F	57.6" x 15.86" x 15"	237 / 280
HC1213854XL5	4X	12,000	Mill finish aluminum	380/1/50	5.2	131°F	57.6" x 15.86" x 15"	227 / 270
HC12140512	12	12,000	Powder coated steel	400/1/50	4.9	131°F	57.6" x 15.86" x 15"	237 / 280
HC12140504	4	12,000	Powder coated steel	400/1/50	4.9	131°F	57.6" x 15.86" x 15"	237 / 280
HC1214054X	4X	12,000	Stainless steel	400/1/50	4.9	131°F	57.6" x 15.86" x 15"	237 / 280
HC1214054XL5	4X	12,000	Mill finish aluminum	400/1/50	4.9	131°F	57.6" x 15.86" x 15"	227 / 270

Testing done under controlled conditions. Actual performance may vary.



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.

