

NE080

8000 BTUH
Indoor/Outdoor, NEMA 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
- Narrow body style fits on 12" enclosure

Unit Efficiency

- Temperature operated blower control reduces power in-rush 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

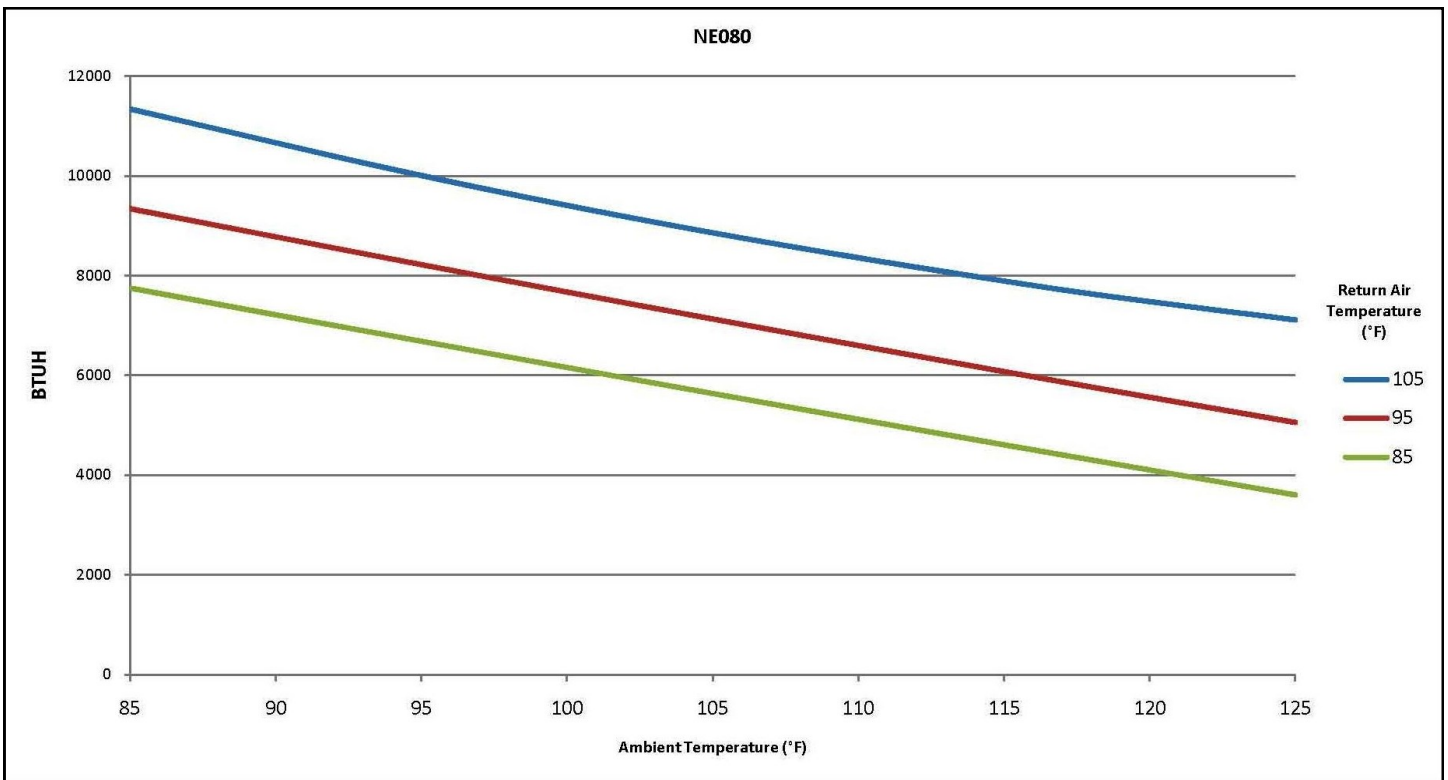
- High & Low refrigerant cutouts with fault indication
- Compressor anti short cycle protection
- Compressor run capacitors reduce power inrush, save energy and increase compressor life

Options:

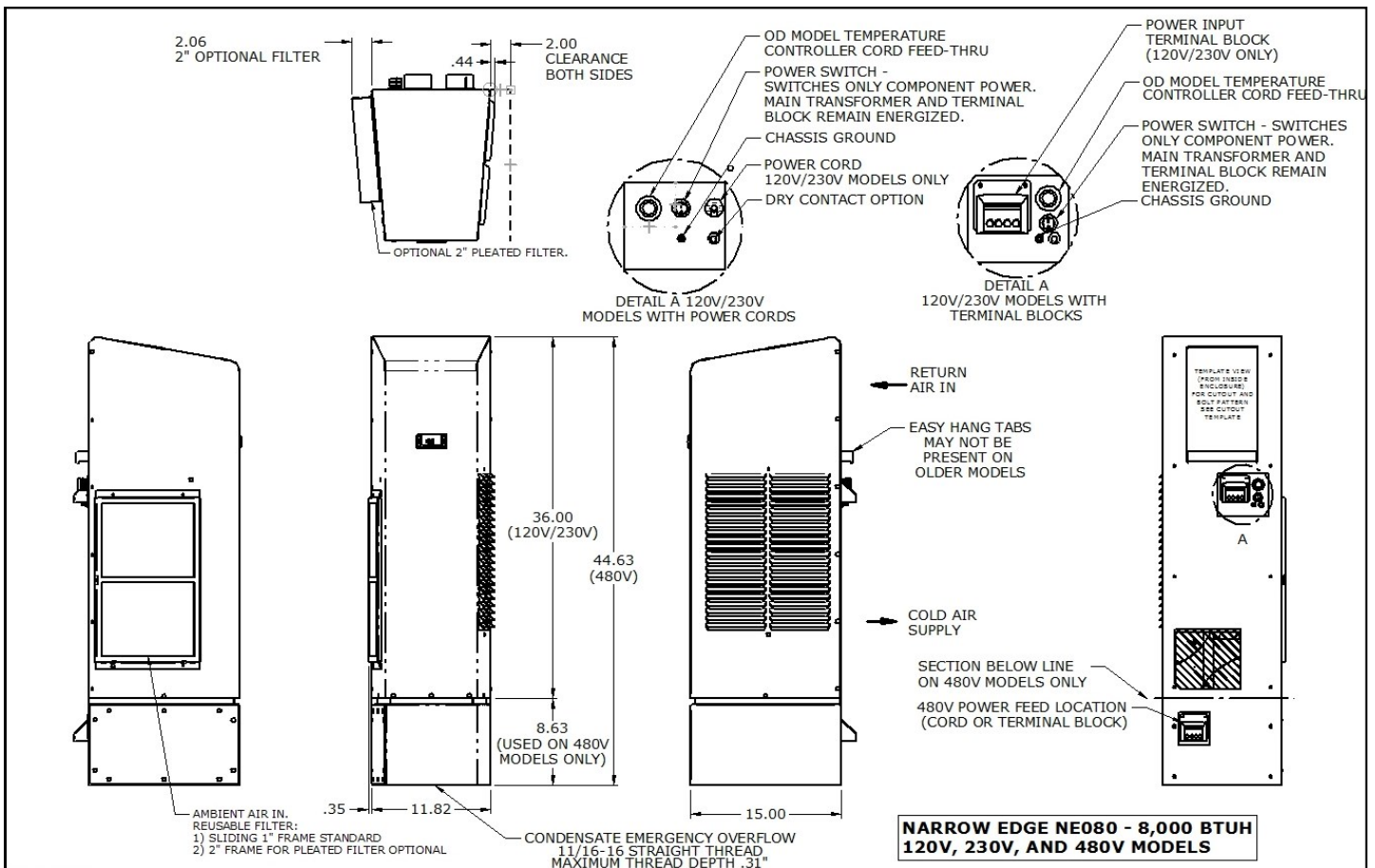
- Dry Contact Alarm Capabilities
- Open Door Kill Switch
- Corrosive Environment Package
- Low Ambient Packages
- Remote Monitoring Options
- Integrated Enclosure Heat System
- Hazardous Location Units
- Redundant Systems

Model	BTU/ Hour	Material	Voltage Phase Hz.	Running Amps	Max. Ambient Temperature	H x W x D	Weight (lbs.) Unit / Ship
NE080-126-12	8000	Powder coated steel	120V/1/60	7.83	125°F	36" x 11.8" x 15.02"	121 / 139
NE080-126-04	8000	Powder coated steel	120V/1/60	7.83	125°F	36" x 11.8" x 15.02"	121 / 139
NE080-126-4X	8000	Stainless steel	120V/1/60	7.83	125°F	36" x 11.8" x 15.02"	121 / 139
NE080-236-12	8000	Powder coated steel	230V/1/60	4.80	125°F	36" x 11.8" x 15.02"	122 / 140
NE080-236-04	8000	Powder coated steel	230V/1/60	4.80	125°F	36" x 11.8" x 15.02"	122 / 140
NE080-236-4X	8000	Stainless steel	230V/1/60	4.80	125°F	36" x 11.8" x 15.02"	122 / 140
NE080-486-12	8000	Powder coated steel	480V/1/60	1.80	125°F	44.63" x 11.8" x 15.02"	170 / 189
NE080-486-04	8000	Powder coated steel	480V/1/60	1.80	125°F	44.63" x 11.8" x 15.02"	170 / 189
NE080-486-4X	8000	Stainless steel	480V/1/60	1.80	125°F	44.63" x 11.8" x 15.02"	170 / 189





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 assure 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

2014-07-15

