Thermal Edge Inc.™

NE052

9/3/2026

5000 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
- Narrow body style fits on 12" enclosure

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

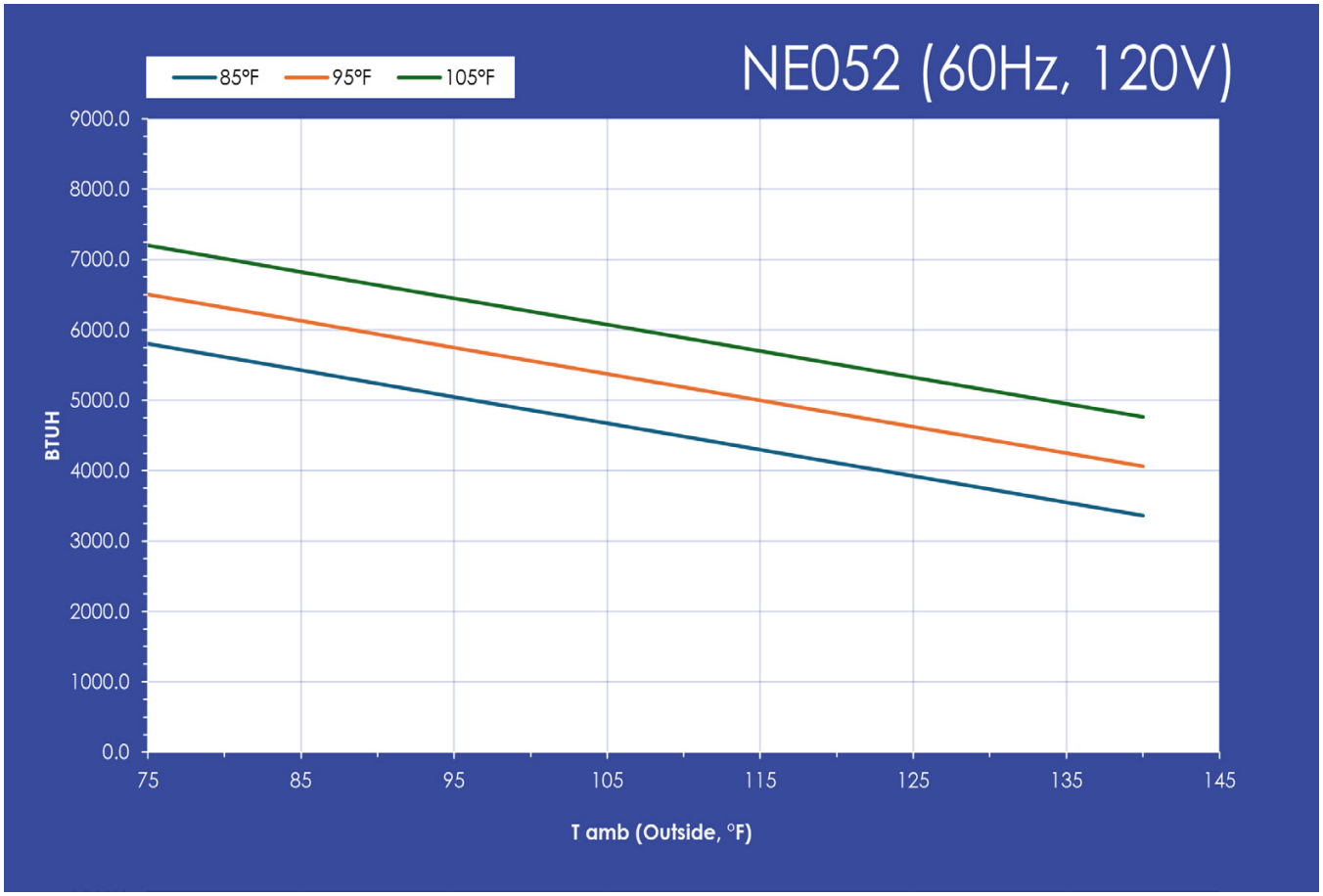
- High & Low refrigerant cutouts with fault indication
- Compressor anti short cycle protection
- Thermal overload protector
- Compressor run capacitors reduce power inrush, save energy and increase compressor life

OPTIONS:

- Low and High Ambient
- Remote Controller
- Corrosion Protection
- Remote Control/Monitor
- Redundant System
- Filter/Filter Frame
- Controller Programming
- Open Door Kill Switch
- Extended Temp. Probe
- Heater
- Dry Contact
- Hazardous Location
- Custom Finish
- Diagnostics
- Vibration Resistant

Model	UL Type	BTU/Hour	Material	Voltage/ Phase/Hz.	Running Amps	Max. Amb. Temp.	H x W x D	Weight (lbs.) Unit/Ship
NE05212612	12	5,000	Powder coated steel	120/1/60	5.85	140°F	36" x 11.8" x 15.1"	97
NE05212604	4	5,000	Powder coated steel	120/1/60	5.85	140°F	36" x 11.8" x 15.1"	97
NE0521264X	4X	5,000	Stainless steel	120/1/60	5.85	140°F	36" x 11.8" x 15.1"	97
NE0521264XL4	4X	5,000	Mill finish aluminum	120/1/60	5.85	140°F	36" x 11.8" x 15.1"	87

Performance curves are linearized from controlled-condition test data; 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.

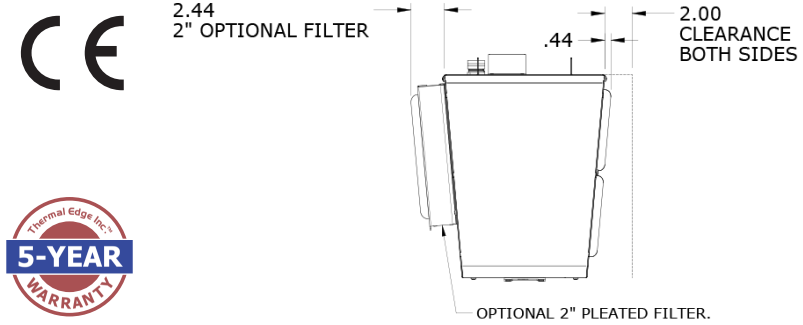
NE052 DRAWING

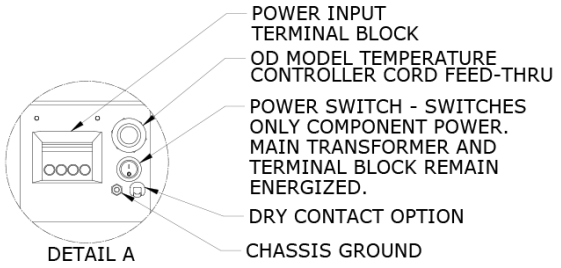
5,000 BTUH | 120V | INDOOR/OUTDOOR, UL TYPES 12, 4 & 4X AVAILABLE

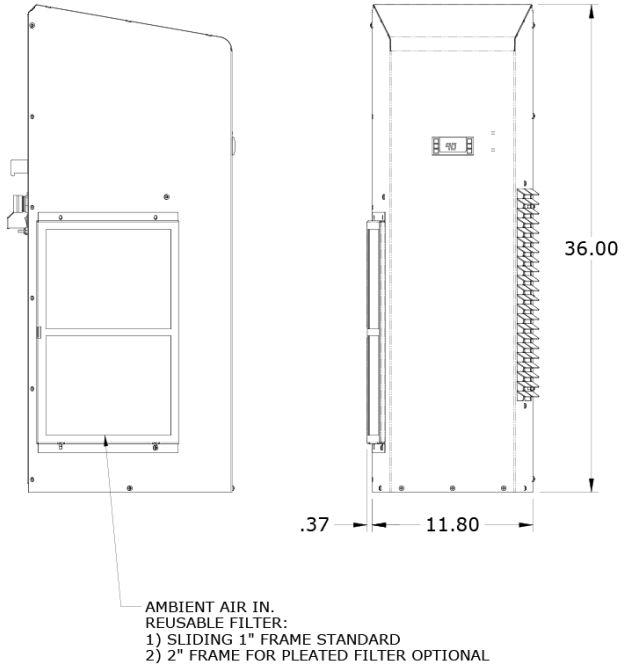
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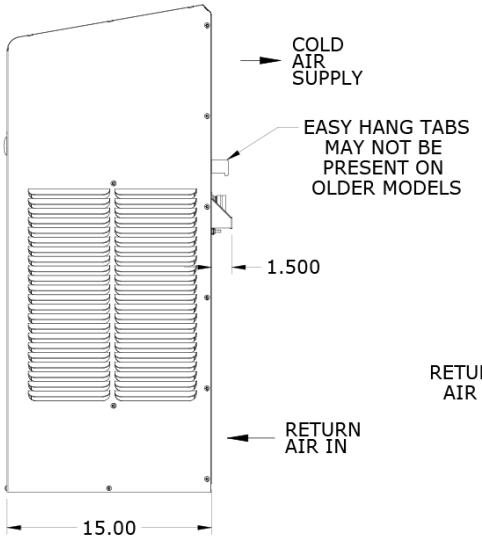
Thermal Edge Inc.™

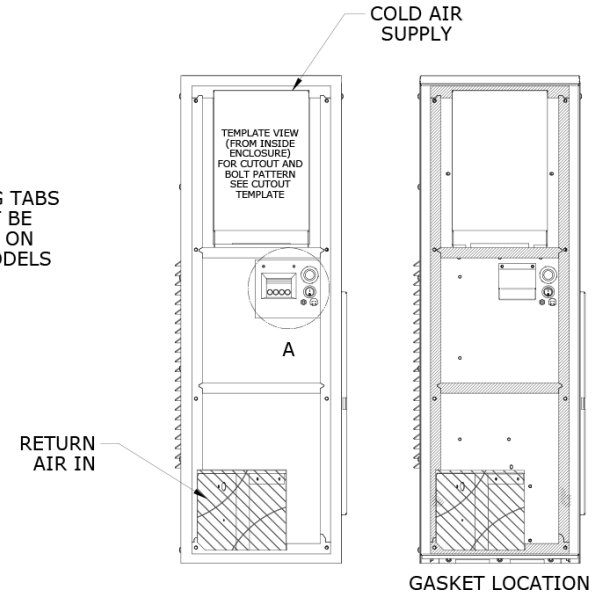
Get the Edge... Get Thermal Edge | 50-60 Hz Enclosure Air Conditioners











TITLE	NARROW EDGE 5,000 BTUh 115V AND 230V MODELS	
SIZE	DWG NO	REV
	NE052	
SCALE:	WEIGHT:	SHEET 1 OF 1