



- 400, 800 & 1500 BTU/HR Cooling (400 BTU Model Shown)
- Heating Capability Available
- NEMA 12 (Indoor) - 800 & 1500 BTU
- NEMA 4X (Indoor/Outdoor) - 400 BTU
- Mounts to Purged (all three units) or Non-Purged (400 BTU only) Enclosure
- Vertical or Horizontal (Top) Mounting
- 120 VAC Power (240 VAC Optional)
- Made in USA



### Description

EIC's thermoelectric air conditioning units are designed to cool your electronic and electrical controls, instruments, computer terminals, printers, telecommunications equipment, surveillance devices, cameras, laser and optical equipment and many other electronics in variety of environments. Our thermoelectric cooling systems are designed for use with a wide range of enclosures and transit cases, models are available for both indoor and outdoor use in 120 VAC or 240 VAC power configurations. Coolers feature corrosion-resistant stainless steel construction. All are available with a variety of options.

Hazardous location models are designed for use in Class I, Division 2, Groups A-D. These units have been certified by a nationally recognized independent testing laboratory to meet the requirements of Underwriters Laboratory UL STD 1604, UL STD 1995 and CAN/CSA C22.2.

### Features

- Reliable solid state construction with long life span
- Maintenance free design with no moving components (other than fans)
- No compressor, refrigerant or filters
- Compact size, lightweight, convenient to install and operate
- NEMA 4X construction (Type 304 stainless steel) for indoor or outdoor use
- Standard models to 140°F
- Through-mount, flush-mount or recessed-mount
- Suitable for vertical or horizontal (top) mounting
- AC power configurations, with adjustable thermostat
- Mounting gasket and stainless steel fasteners included
- Complete 12 month warranty

### Options

- Supplemental heating capability
- Condensate drip pan with fittings and drain tubing
- Extension frame for flush mounting on outside of cabinet
- Rain shroud - vertical or horizontal mount
- Digital temperature controller (remote mount)
- Recessed frame for mounting entirely inside cabinet
- Powder coated aluminum construction
- Gray, White, Olive Drab, Desert Tan (and other) colors available



**EIC Solutions, Inc.**  
1825 Stout Drive  
Warminster, PA 18974 USA

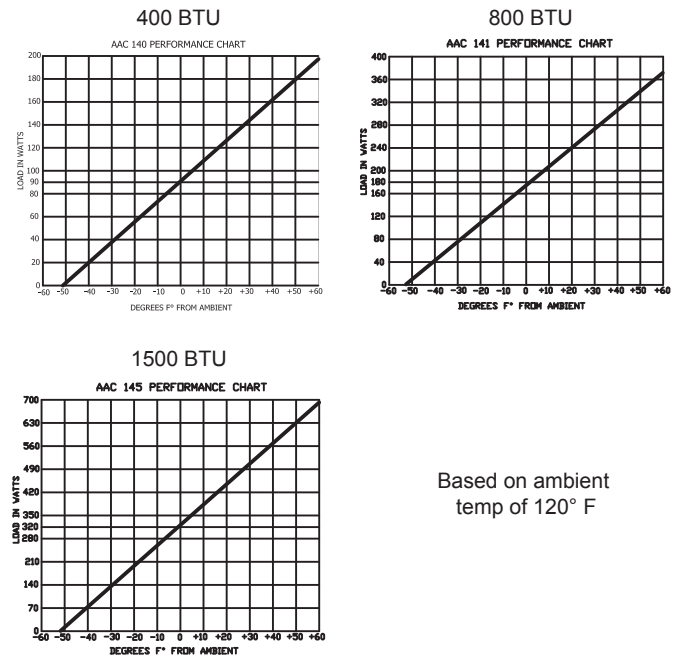
**Toll Free: 1-800-497-4524 • Fax: 1-800-726-7592**  
Phone: 215-443-5190 • Fax: 215-443-9564  
[www.eicsolutions.com](http://www.eicsolutions.com) • [info@eicsolutions.com](mailto:info@eicsolutions.com)

# ThermoTEC™ Class 1, Div. 2 Series Hazardous Location Air Conditioner

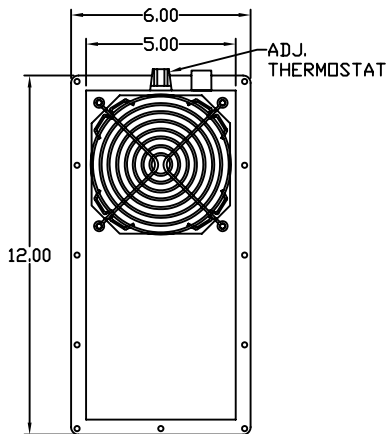
## Specifications

|                           |   |
|---------------------------|---|
| Capacity                  | 400, 800 & 1500 BTU/HR  |
| Type                      | Through-mount (flush-mount optional)  |
| Rating                    | NEMA 12 & 4X  |
| Construction              | Stainless steel (covers and mounting flange)                                |
| Size<br>(mounting flange) | 400 BTU - 12"H x 6"W<br>800 BTU - 13"H x 13"W<br>1500 BTU - 20-1/4"H x 13"W |
| Operating Range           | Up to 140 degrees F   |
| Temperature Control       | Adjustable thermostat   |
| Power                     | 120 VAC, 50/60 Hz<br>240 VAC, 50/60 Hz optional                             |
| Features                  | Integral power supply and circuit breaker                                   |
| Includes                  | Mounting hardware, gasket and manual  |
| Weight                    | 400 BTU - 16 lbs, 800 BTU - 29 lbs,<br>1500 BTU - 50 lbs                    |
| Warranty                  | One year  |

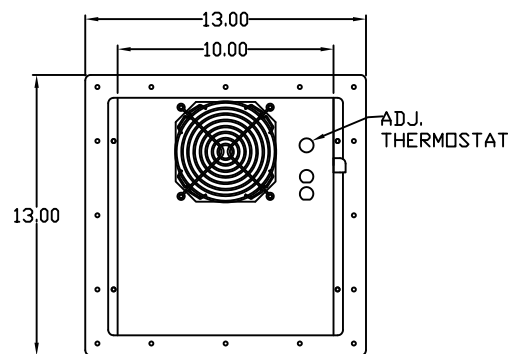
## Thermal Performance



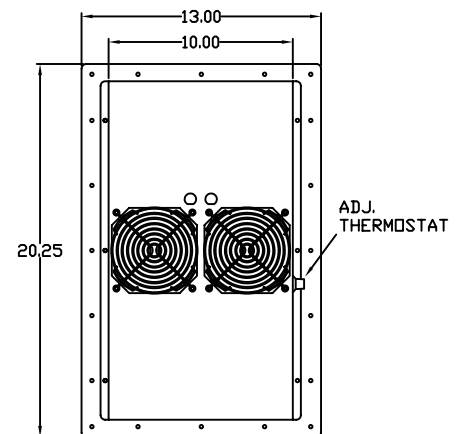
## Drawings



COLD SIDE VIEW  
(INTERIOR)  
400 BTU



COLD SIDE VIEW  
(INTERIOR)  
800 BTU



COLD SIDE VIEW  
(INTERIOR)  
1500 BTU



**EIC Solutions, Inc.**  
1825 Stout Drive  
Warminster, PA 18974 USA

**Toll Free: 1-800-497-4524 • Fax: 1-800-726-7592**  
Phone: 215-443-5190 • Fax: 215-443-9564  
[www.eicsolutions.com](http://www.eicsolutions.com) • [info@eicsolutions.com](mailto:info@eicsolutions.com)