



Thermal Edge Inc.

PRODUCT LINE OVERVIEW

OUR AIR CONDITIONERS NEVER DRIP ON YOUR FLOOR
UL LISTED FOR STANDARD & HAZARDOUS LOCATIONS
INDOOR / OUTDOOR: NEMA TYPE 12, 4, 4X
ENERGY EFFICIENCY – LOW RUNNING AMPS



Air Conditioners



A2A Heat Exchangers



Filtered Fan Packages



Enclosure Packages

Get the Edge... Get Thermal Edge

Temperature Control Solutions For Electrical Enclosures



CS SERIES AIR CONDITIONERS



No water drips from Thermal Edge enclosure air conditioners



1000 BTUH
2000 BTUH

- Smallest 2000 BTUH available
- Active Condensate Evaporation is standard
- Fits on an 7" or 10" Enclosure
- Available in NEMA Types 12, 4, 4X
- Fully programmable digital controller with temperature and pressure monitors for a **smarter** air conditioner
- 120V, 230V

NE SERIES AIR CONDITIONERS



1000 BTUH	4000 BTUH
1500 BTUH	5000 BTUH
2000 BTUH	6000 BTUH
3000 BTUH	8000 BTUH

- Active Condensate Evaporation is standard
- Fits on a 12" Enclosure
- Available in NEMA Types 12, 4, 4X and Hazardous Environment applications
- Fully programmable digital controller with temperature and pressure monitors for a **smarter** air conditioner
- 120V, 230V, 480V

STANDARD ON EVERY THERMAL EDGE AIR CONDITIONER:

- Energy saving condensate evaporation system
- Fully programmable digital controller
- Thermal expansion valve
- Full product line available in NEMA Types 12, 4 & 4X
- UL Listed under Standard 484, file number SA32252
- On/off switch
- Rigid chassis and seam welded shroud
- Proudly manufactured in the U.S.A.

HC SERIES AIR CONDITIONERS



10,000 BTUH
12,000 BTUH
15,000 BTUH
20,000 BTUH

- Active Condensate Evaporation is standard
- Available in NEMA Types 12, 4, 4X and Hazardous Environment applications
- Fully programmable digital controller with temperature and pressure monitors for a **smarter** air conditioner
- 120V, 230V, 480V





AIR TO AIR HEAT EXCHANGERS



- High efficiency heat pipe design
- 4 different chassis sizes
- Standard units include on/off switch
- NEMA Type 12, 4 & 4X
- 120VAC, 230VAC, 24VDC & 48VDC
- Needs no filter
- UL Listed for standard & hazardous location

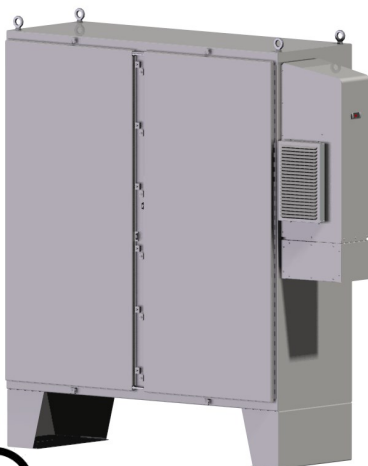
PLASTIC AND METAL FILTERED FANS



80 CFM - 750 CFM in a variety of sizes

- Available in injection molded plastic, 16 gauge powder coated steel and 304 stainless steel
- Quiet & Efficient ball bearing fan
- Washable filters
- Includes a filtered exhaust panel
- Comes assembled and includes mounting hardware, template and gaskets

ENCLOSURE/ ACS PACKAGED SYSTEMS



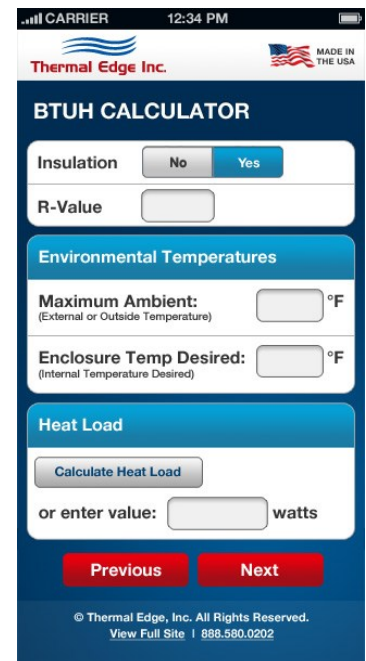
- UL Listed NEMA Type 12, 4 & 4X electrical enclosures
- Enclosures precut and ready for specified air conditioner installation
- Appropriately sized UL Listed NEMA Type 12, 4 & 4X enclosure air conditioner
- Mounted panel
- All mounting hardware and gaskets
- 3 week lead time



NOTE: AIR CONDITIONERS ARE SHIPPED SEPARATELY FROM ENCLOSURES



AMERICA'S
FASTEST-GROWING
PRIVATE COMPANIES



Our BTUH Calculator as a
Web App @
[www.thermal-edge.com/
calculator](http://www.thermal-edge.com/calculator)



"Customer Service" is not a name or a place, it is a verb, an action that means when a **Customer** calls, you take his call, answer the questions posed and resolve whatever issues the **Customer** has.

- Inventory on Hand
- Customer Service Reps answering your calls
- A website that is easy to navigate AND solutions that are easy to find
- Equipment tested to perform and built to last
- Units designed with our customer's applications and environments in mind
- Systems engineered to maintain lower running amps for higher efficiency
- Options and Accessories designed to solve critical applications as in Corrosive or Hazardous Environments

At Thermal Edge, we understand your environment and the issues that your environment create for your electrical enclosures and systems. Everything we build has been designed and tested to meet your strict requirements for quality and durability

Food & Beverage, Paper & Pulp, Chemical, Gas, Cement or Telecom, Thermal Edge has a system to handle the problem of controlling the environment of your sensitive and important operating systems

OPTIONS:

- Electrostatic Coil Coating to protect from corrosion caused by a salt or chemical environment
- Integrated Heat Packages to provide total temperature control for your enclosure not just from the heat of summer but from the cold of winter
- Dry Contact Options to allow the use of alarms, lights and notifications
- External Heat Control to support use of an externally mounted heater in the enclosure
- 316 Stainless Steel for applications where 304 is not suitable
- Hazardous Location for Class 1, Division 2 Groups B, C & D applications
- Vibration Package allows for enclosure cooling on cranes, moving vehicles or other difficult locations.
- 2" Deep Extended Filter Media for applications like flour, cement or coal when a standard filter will load too quickly
- Remote Controller Option to place our digital controller inside the electrical enclosure when the environment requires more security
- Redundant System Package for critical applications, when enclosure cooler failure is not an option. This system operates two air conditioners with specially programmed controllers that toggle the two units to operate them alternately to guarantee that your enclosure always stays at its required temperature and provide automatic back-up
- The Universal Mounting Plate allows mounting the Thermal Edge Enclosure Air Conditioner onto an enclosure that formerly held a different brand of air conditioner



Contact Us Today for Your Cooling & Heating Solutions!!

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Brochure #5

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All information subject to change without notice