



Enclosures and Thermoelectric Cooling Systems for Every Environment

AIR CONDITIONER SIZING GUIDE

Please complete all of the questions below, then Fax to 800-726-7592 for an Engineering Dept. review & recommendation as to the proper size of air conditioner for your application. If questions arise, call us (800-497-4524) or send an e-mail (info@eicsolutionsinc.com). We're here to assist. Thanks for your interest in our air conditioners!

COMPANY _____ DATE _____
CONTACT PERSON _____ TITLE _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
PHONE _____ FAX _____ E-MAIL _____

TEMPERATURE SPECS: (please specify C or F)

1. Maximum Ambient Temp (outside existing enclosure) _____ 2. Maximum Allowable Internal Temp _____
3. Minimum Ambient Temp (if heating is desired) _____ 4. Minimum Allowable Internal Temp _____
5. Internal Heat Load Estimate (watts) _____ If unknown: A) External temp immediately outside existing enclosure _____
B) Temp inside existing enclosure _____ (Temperatures taken with A.) sun exposure ___ B.) no sun exposure ___)

ENCLOSURE SPECS:

Height _____ X Width _____ X Depth _____

(Check all that apply)

NEMA STANDARD:

___ NEMA 12 (indoor)
___ NEMA 4 (indoor/outdoor)
___ NEMA 4X (___ Stainless ___ Alum. ___ FRP)
___ Non NEMA

LOCATION:

___ Indoors
___ Outdoors
___ Full (or partial) sun exposure
___ Full shade (no direct sun)

MOUNTING:

___ Free-standing
___ Wall-mounted
___ Pole-mounted

GENERAL QUESTIONS: (please answer all)

Geographic area of use _____
Is enclosure vented _____ Does enclosure have a fan _____ Size _____ in., CFM _____
Color of enclosure _____ Is enclosure insulated _____ If so, how thick _____ in. If not, could it be _____
Qty of front doors _____ Qty of rear doors _____ Does enclosure have a window _____ How large _____ in. X _____ in.

AIR CONDITIONER: (check all that apply)

MOUNTING:

___ Vertical, right side
___ Vertical, left side
___ Vertical, front door
___ Vertical, rear
___ Horizontal, top
___ Through-mount
(approx. 3 ½" protrusion into enclosure)
___ Flush-mount
(no protrusion into enclosure)

VOLTAGE:

___ 120 VAC
___ 220 VAC
___ DC (please specify)

ADDITIONAL DETAILS: (please include sketch and/or photos if available) _____

