



Enclosures and Thermoelectric Cooling Systems for Every Environment

AIR CONDITIONER SIZING GUIDE

Please complete, 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. Delta T (Difference between internal and ambient temps) _____

4. Internal Heat Load Estimate (watts) _____

If #4 is unknown: A) External temp immediately outside existing enclosure _____ B) Temp inside existing enclosure _____

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, roof

___ 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) _____

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