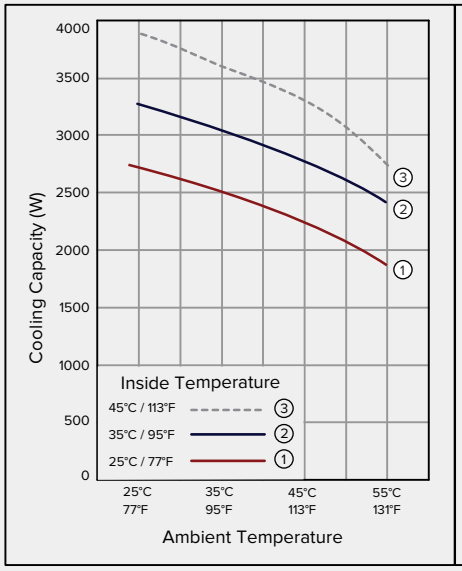
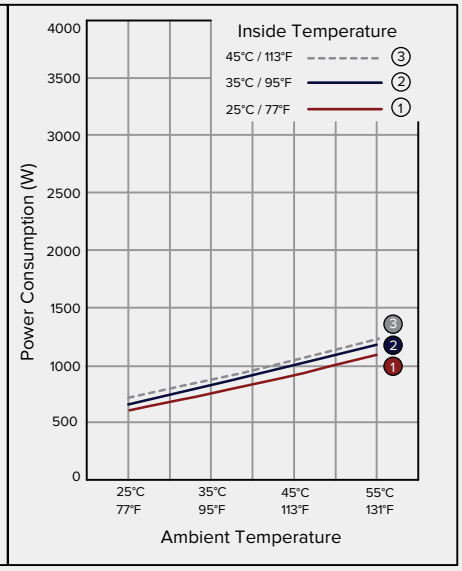
ADVANCED COOLING TECHNOLOGIES

The Thermal Management Experts | www.1-ACT.com

ISO9001 AND AS9100 Certified | ITAR Registered

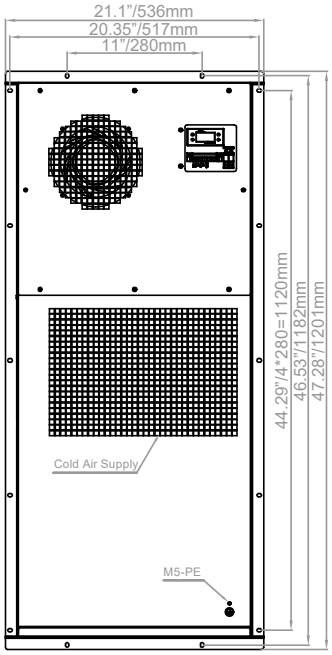
ACT-VCC-3000 WATT DC AIR CONDITIONER



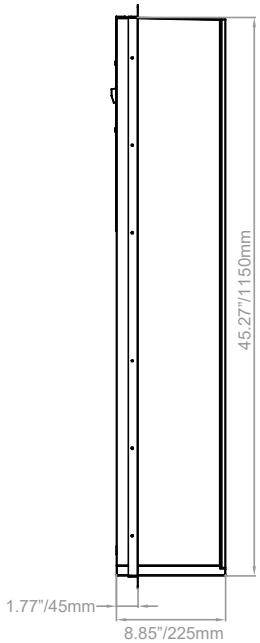


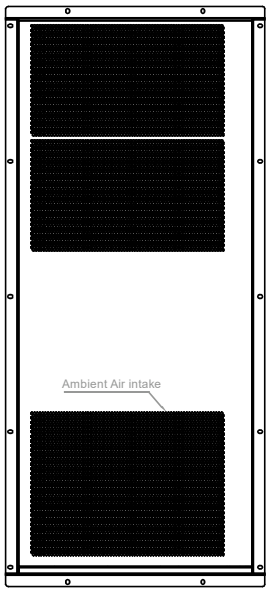
QUICK FACTS

- 3000W Heat Rejection Capability
- IP55 Rating
- 10 Year Performance Life
- LED Control Panel



Inner Side

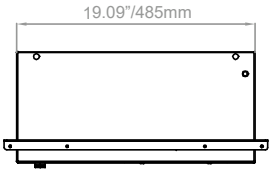




Ambient Side

EASY ONLINE ORDERING

ENCLOSURE COOLER SELECTION TOOL

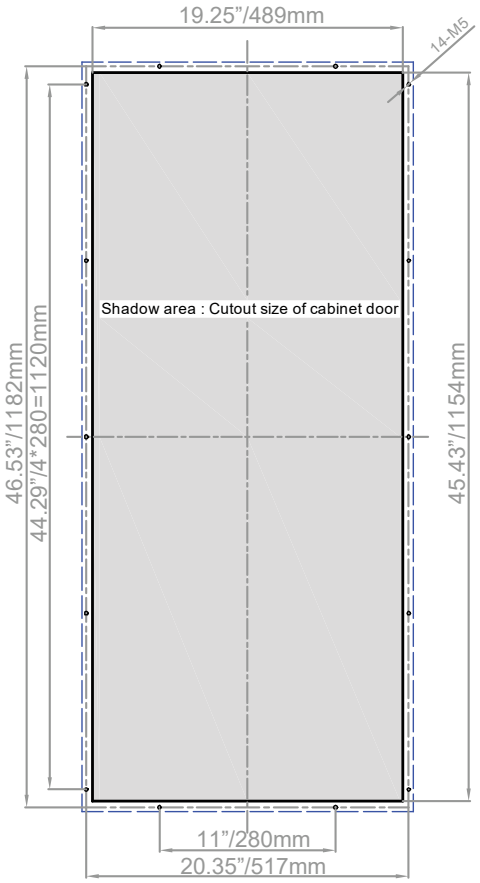


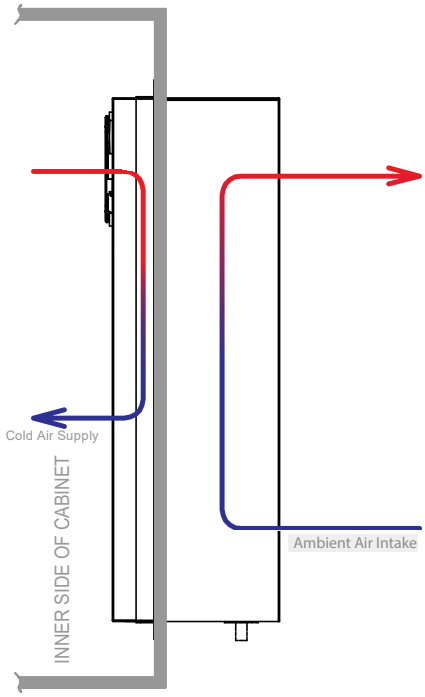
Top View

IDEAL APPLICATIONS

FIGURE 1 ENCLOSURE MOUNTING

Mounting interface with enclosure door.





AIR FLOW DIAGRAM

FIGURE 2 SPECIFICATIONS

Rated Voltage	-48 V*
Cooling Capacity	3000W @ 35°C/35°C (10200 BTU/hr) (95°F/95°F)
Related Power Consumption	1000W @ 35°C (95°F)
Rated Current	20.8 A @ 35°C (95°F)
EER	3.3
Internal Air Circulation Rate	800 m^3/hr (470 CFM)
Display	LED
Heater	N/A
Operating Temperature Range	-15°C - +55°C (5°F - 131°F)
Max. Noise Level	65dB (A) @ 1.0m away
Seal Rating	IP55- between external and internal interface
Net Weight	47 kg (104 pounds)
Outer Dimensions (H x W x D)	1150mm x 485mm x 225mm 45.30" x 19.09" x 8.86"
Refrigerant Type	R134a
Surface Treatment	Powder Coated Steel: Dark Grey Ral 7043
Warranty	12 Months, Expected Lifetime 10 years

Mounting Options: Designed for door mounting, but can mount to side or back walls if accessible

USE SMARTPHONE CAMERA TO SCAN QR CODE FOR INSTALL MANUAL

***Note:**
DC units are wired for ***Negative 48*** Volt connection.
Ensure that positive terminal is connected to Pin 9, "RTN", and Negative terminal is connected to Pin 10, "-48"

QUESTIONS?

CALL: 717-295-6061
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