ADVANCED COOLING TECHNOLOGIES

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

ISO9001 AND AS9100 Certified | ITAR Registered

ACT-VCC-1000-DC AIR CONDITIONER

QUICK FACTS

- 1000W 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	-48V*
Cooling Capacity	1000W @ 35°C/35°C (3400 BTU/hr)(95°F/95°F)
Rated Power Consumption	290W @ 35°C (95°F)
Rated Current	6A @ 35°C (95°F)
EER	3.4
Internal Air Circulation Rate	400 m^3/hr (589CFM)
Display	LED
Heater	N/A
Operating Temperature Range	-15°C to +55°C (5°F to 131°F)
Max. Noise Level	65dB (A) @ 1.0 yard/meter away
Seal Rating	IP55- between external and internal interface
Net Weight	46.3 pounds (21kg)
Outer Dimensions (H x W x D)	793mm x 381mm x 175mm 31.22” x 15” x 6.88”
Refrigerant Type	R134a
Surface Finish	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
EMAIL: ECSALES@1-ACT.COM