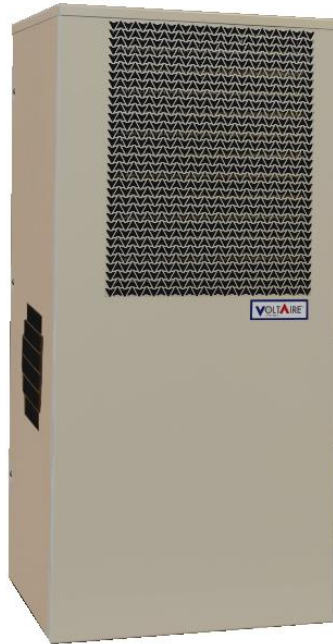# Narrow Series (AN04) ACV-AN04-110 Air Conditioners

VOLTAIRE
SYSTEMS

Proudly Engineered,
Tested / Listed,
and Manufactured
in the USA

VoltAire Systems **4,000 BTU** Narrow Air Conditioning Unit is designed for high efficiency and high performance heat management of electronic enclosures or equipment.

Standard Features

- UL 484 Listed
- UL Type 4 Enclosure Listed
- RoHS Compliant
- Coated condenser coil (>6,000 hr salt spray)
- R134a refrigerant for high ambient operation
- GR487 compliant
- Low ambient cooling/head pressure control
- Acrylume corrosion resistant cabinet
- BIEGE GLOSS TEXTURED POWDER COAT
- 750 Watt Heater

- Stainless steel exterior hardware
- Stainless steel base and evaporator pan
- Sloped top
- 6' power cord with plug
- Electrical system with standard off-the-shelf components found at most HVAC parts stores
- Temperature control board with LED status lights, adjustable settings for temperatures and alarms, self-test, and remote temperature sensor

Optional Features

- Condenser fan intake filter
- Stainless steel enclosure (Type 4X Enclosure)
- Ethernet controller with digital display

Narrow Series (AN04) ACV-AN04-110) Air Conditioners

VOLTAIRE SYSTEMS

Applications

- Radio base stations
- Telecom shelters and indoor / outdoor OSP cabinets
- Network switching rooms and computer rooms
- Automation control cabinets, process control centers
- CNC machines

- Drive cabinets
- Digital advertisement boards, kiosk display systems
- Power supply cabinets, battery cabinets and rectifier cabinet

Technical Data

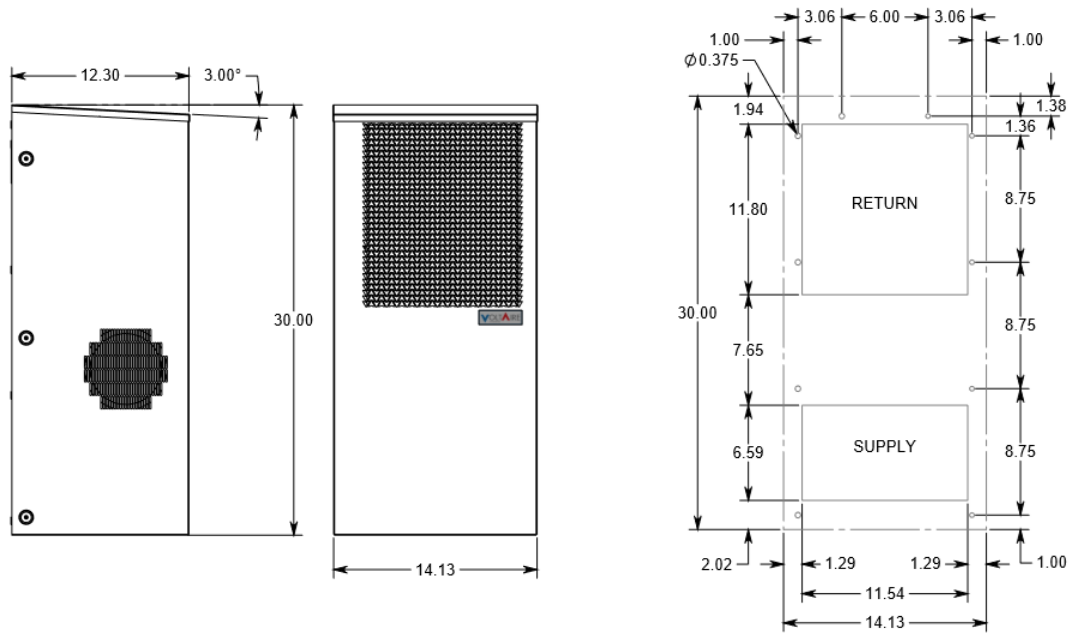| Model	AN04	
Performance at 131ºF / 131ºF		
Nominal Capacity (BTU)	4,000	
Operation Range (ºF / ºC)	-40 to 131 / -40 to 55	
Electrical Data		
Voltage Input (VAC)	115 (Reciprocating Compressor)	
MCA (Amps)	14.8	
Unit Dimensions		
Height (in/mm)	30.0 / 762	
Width (in/mm)	14.1 / 358	
Depth (in/mm)	12.3 / 312	
Weight (lbs/kg)	65.6 / 29.7	
c(UL)us	**UL 484 and Type 4 (X)**	RoHS 2002/95/EC

Website:
www.voltairesys.com

Phone:
(407) 378-7482

Address:
2900 W. Orange Ave. Ste. 100
Apopka, FL 32703

VoltAire Doc. #CC1019A
Published: August 5, 2019

VOLTAIRE
SYSTEMS

Mounting Diagrams – Overall Dimensions and Cabinet Cutouts

AN04

Performance

AN04 NOMINAL COOLING CAPACITY

◇ 95°F / 35°C AMBIENT   □ 113°F / 45°C AMBIENT   △ 131°F / 55°C AMBIENT

X-axis: COOLING CAPACITY [SENSIBLE BTU/HR]
Y-axis: CABINET AIR TEMPERATURE [°F]