

V-Series Mid-Size Air Conditioner



V-Series Mid-Size Air Conditioners are designed to deliver vital cooling to sensitive electronics. They meet a broad range of cooling requirements, including an all metal shroud to stand up to rugged factory conditions. Units have operating temperature ranges from 20°C to 55°C for indoor models and -40°C to 55°C for outdoor models. The coils are coated for filterless operation in most manufacturing environments or an optional aluminum filter can be used. Each unit is rigorously tested to withstand shipping vibration, high temperatures and other operating challenges.

INDUSTRY STANDARDS

IP34 Ambient side, IP56 Enclosure side

FEATURES

Stock models are equipped with mechanical thermostats at enclosure side

Easy to mount and replace mesh filters

Stock models approved by CE, NEMA 4, IP56 protection class

Compact design can minimize enclosure real estate and maximize cooling capacity at the same overall dimensions

Exterior surface mounting standard

When properly installed to enclosure at the same protection level, it can achieve NEMA 4, IP56 rain-protection level

Operating temperature range from -40 C to 55 C

100% functionally tested

Refrigerant: R134a

Power input: terminal block

Controller: mechanical temperature controller

Thermostat location: enclosure side

Factory thermostat setting (F/C): 86/30

SPECIFICATIONS

Color: Light Gray
Material: Mild Steel
Finish: Powder Coated
Color Code: RAL 7035

Table 1/1

Catalog Number	Height	Width	Depth	Nominal Voltage	Remote Access Control	Number of Phases
VA081225G050S	724mm	432mm	236mm	220V	No	1Ph
VA081225G060S	724mm	432mm	236mm	220V	No	1Ph
VA081225G070S	724mm	432mm	236mm	220V	No	1Ph
VA081225G150S	724mm	432mm	236mm	220V	No	1Ph
VA081225G160S	724mm	432mm	236mm	220V	No	1Ph
VA081525G050S	724mm	432mm	236mm	220V	No	1Ph
VA081525G060S	724mm	432mm	236mm	220V	No	1Ph
VA081525G070S	724mm	432mm	236mm	220V	No	1Ph
VA081525G150S	724mm	432mm	236mm	220V	No	1Ph
VA081525G160S	724mm	432mm	236mm	220V	No	1Ph
VA082025G050S	724mm	432mm	236mm	220V	No	1Ph
VA082025G060S	724mm	432mm	236mm	220V	No	1Ph
VA082025G070S	724mm	432mm	236mm	220V	No	1Ph
VA082025G150S	724mm	432mm	236mm	220V	No	1Ph
VA082025G160S	724mm	432mm	236mm	220V	No	1Ph
VA081545G410H	724mm	432mm	236mm	380V	No	3Ph

Catalog Number	Height	Width	Depth	Nominal Voltage	Remote Access Control	Number of Phases
VA081545G410S	724mm	432mm	236mm	380V	No	3Ph
VA082045G410H	724mm	432mm	236mm	380V	No	3Ph
VA082045G410S	724mm	432mm	236mm	380V	No	3Ph

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.



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