

SPECTRACOOL OUTDOOR WITH HEAT G52, 12000BTU 460V, BRUSHED, SS304

CATALOG NUMBER

G521246G151



SpectraCool Air Conditioners are available in three sizes that offer a broad range of cooling capacities and configurations. These units deliver reliable enclosure cooling in demanding environments that features reliable design, clean appearance, easy installation, and a filterless design.

Select units come with Remote Access Control (RAC), an integrated, parametric controller designed to work seamlessly with our enclosure air conditioner units for the purpose of remotely monitoring and managing anywhere from a single unit to an entire network of Spectra cool air conditioners from virtually anywhere in the world with a secure internet connection. Ensure that your systems are always running at optimal temperature levels, increase productivity and improve overall system reliability.

INDUSTRY STANDARDS

UL/cUL Listed; Type 12, 3R, 4; 4X optional; File No. SA6453

CE

EAC

IP 56 Internal Loop

IP 34 on External Loop

Telcordia GR-487 capable*

FEATURES

Attractive industrial design with minimal use of visible fasteners

Energy-efficient rotary compressor on most models

Cleanable, reusable aluminum mesh filter included to protect coils for maximum cooling performance in dirty environments

R407c and R134a refrigerants

115, 230 and 400/460 VAC 3-phase power input on most models

Reliable mechanical thermostat on enclosure side of the unit

All G-series come standard with two separate thermostats for cooling and heating when a heater is equipped

Dust-resistant condenser coil allows the unit to be run filterless in most indoor applications

Dual condenser-side air movers for performance redundancy on G52 and G57 models

Galvanized or stainless steel cover for rugged factory and outdoor environments

Exterior and partially recessed mounting options

Easy-mount flanges for simple installation

Every unit functionally tested before shipping

Standard Indoor Air Conditioner models also include: Active condensate management with heater strip, power-off relay for door switch and other system requirements, malfunction switch, and a digital display on ambient side

Standard Outdoor Air Conditioner models also include: Telcordia GR-487 capable*, Corrosion-resistant coatings on condenser coil for Type 4 units and on condenser coil and ambient-side copper joints for 4X units, malfunction switch, compressor heater, head pressure control, standard G28/G52 units have 2000W, and operating temperature range from -40 F/-40 C to 131 F/55 C

Remote Access Control Units support up to 2 temperature sensors and 10 alarms. They support multiple communication protocols: SNMP, Modbus TCP, Ethernet/IP, and Profinet.

Mounting hardware, gaskets and user manual furnished with the unit

PRODUCT ATTRIBUTES

Height: 1338 mm
Width: 435 mm
Depth: 296 mm
Nominal Voltage: 460 V
Remote Access Control: No
Number of Phases: 3
Nominal Capacity Btu/h: 12000 Btu/h
Nominal Capacity Watts: 3500 W
Operating Temperature: -40 to 55 °C
Max Current: 3.5 A
Material: Stainless Steel 304
Finish: Brushed #3
Color: Unpainted
Thickness: 1 mm

ADDITIONAL PRODUCT DETAILS

*Partial Recess Mount units are not eligible for Type 4 or 4X ratings. Also not eligible for Telcordia GR-487 certification.

Cutout Adapter options for enclosures with older nVent HOFFMAN or Competitive units for easy transitions to new air conditioners

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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