

SpectraCool Indoor/Outdoor



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.

SpectraCool with Advanced Corrosion Protection Solutions provide industry leading corrosion protection to components critical to the performance of the air conditioner. For applications where air conditioners are exposed to harsh, corrosive, chemical elements. Hoffman utilizes advanced coatings to protect the critical components, extending their life and optimizing the extended performance level of the product.

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

Level 1 Protection Includes: Protective coatings only applied to copper tubing and coils on the condenser (exterior facing) side as well as thermostat coatings

Energy-efficient rotary compressor on most models

Level 2 Protection Include: Everything that was coated in Level 1, plus protective coatings applied to the evaporator (interior facing) side and an additional wrap around the thermostat

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

R407C, R513A or 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

Operating temperature range from -40 F/-40 C to 131 F/55 C

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

SPECIFICATIONS

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

Table 1/4

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G280416G150	20934	4900Btu/h	1172W	R513A	No	115V
G280426G150	20938	4900Btu/h	1435W	R407C	No	230V
G280616G150	20918	6400Btu/h	1874W	R407C	No	115V
G280626G150	20914	6400Btu/h	1874W	R407C	No	230V
G520816G150	20504	8000Btu/h	2300W	R513A	No	115V
G520826G150	20506	8000Btu/h	2300W	R513A	No	230V
G521216G150	20508	12000Btu/h	3500W	R134a	No	115V
G572026G150	21114	20000Btu/h	5861W	R407C	No	230V

Table 2/4

Catalog Number	Article Number	Number of Phases	Thickness	Height	Width	Depth
G280416G150	20934	1	1mm	726mm	432mm	284mm
G280426G150	20938	1	1mm	726mm	432mm	259mm
G280616G150	20918	1	1mm	726mm	432mm	259mm
G280626G150	20914	1	1mm	726mm	432mm	259mm
G520816G150	20504	1	1mm	1338mm	435mm	296mm
G520826G150	20506	1	1mm	1338mm	435mm	296mm
G521216G150	20508	1	1mm	1338mm	435mm	296mm
G572026G150	21114	1	1mm	1465mm	530mm	388mm

Table 3/4

Catalog Number	Article Number	Outdoor Installation	Mounting	Operating Temperature	Max Current	Ambient Temperature
G280416G150	20934	Yes	Side wall	-40 to 55°C	11.4A	-40 to 55°C
G280426G150	20938	Yes	Side wall	-40 to 55°C	5.8A	-40 to 55°C
G280616G150	20918	Yes	Side wall	-40 to 55°C	11.4A	-40 to 55°C
G280626G150	20914	Yes	Side wall	-40 to 55°C	5.8A	-40 to 55°C
G520816G150	20504	Yes	Side wall	-40 to 55°C	11.4A	-40 to 55°C
G520826G150	20506	Yes	Side wall	-40 to 55°C	7A	-40 to 55°C
G521216G150	20508	Yes	Side wall	-40 to 55°C	21A	-40 to 55°C
G572026G150	21114	Yes	Side wall	-40 to 55°C	22.2A	-40 to 55°C

Table 4/4

Catalog Number	Article Number	Remote Access Control	Quick Ship
G280416G150	20934	No	No
G280426G150	20938	No	No
G280616G150	20918	No	No
G280626G150	20914	No	No
G520816G150	20504	No	No
G520826G150	20506	No	No
G521216G150	20508	No	No
G572026G150	21114	No	No

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.

North America

All locations
+1.763.422.2661
Chat with us:
nvent.com/schroff

Europe

Straubenhardt, Germany
+49.7082.794.0
Betschdorf, France
+33.3.88.90.64.90
Warsaw, Poland
+48.22.209.98.35
Assago, Italy
+39.02.932.7141
Chat with us:
nvent.com/schroff

Asia

Shanghai, China
+86.21.2412.6943
Qingdao, China
+86.532.8771.6101
Singapore
+65.6768.5800
Shin-Yokohama, Japan
+81.45.476.0271
Chat with us:
nvent.com/schroff

Middle East & India

Dubai, United Arab Emirates
+971.4.378.1700
Bangalore, India
+91.80.6715.2001
Istanbul, Turkey
+90.216.250.7374
Chat with us:
nvent.com/schroff



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE