

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

Table 1/1

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G572026G360	20000Btu/h	5861W	R407C	Yes	230V	1
G572026G700	20000Btu/h	5861W	R407C	Yes	230V	1
G572026G800	20000Btu/h	5861W	R407C	Yes	230V	1
G572026G802	20000Btu/h	5861W	R407C	Yes	230V	1
N160116G102	800Btu/h	235W	R513A	Yes	115V	1
N160126G102	800Btu/h	235W	R513A	Yes	230V	1
N210216G102	2000Btu/h	586W	R513A	Yes	115V	1
N210226G102	2000Btu/h	586W	R513A	Yes	230V	1
G520826G700	8000Btu/h	3500W	R513A	Yes	230V	1
G520826G800	8000Btu/h	3500W	R513A	Yes	230V	1
G520826G802	8000Btu/h	3500W	R513A	Yes	230V	1
G521216G050	12000Btu/h	3500W	R134a	No	115V	1
G521216G051	12000Btu/h	3500W	R134a	No	115V	1
G521216G060	12000Btu/h	3500W	R134a	No	115V	1
G521216G100	12000Btu/h	3500W	R134a	No	115V	1
G521216G101	12000Btu/h	3500W	R134a	No	115V	1
G521216G102	12000Btu/h	3500W	R134a	Yes	115V	1
G521216G150	12000Btu/h	3500W	R134a	No	115V	1

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G521216G151	12000Btu/h	3500W	R134a	No	115V	1
G521216G360	12000Btu/h	3500W	R134a	Yes	115V	1
G521216G700	12000Btu/h	3500W	R134a	Yes	115V	1
G521216G800	12000Btu/h	3500W	R134a	Yes	115V	1
G521216G802	12000Btu/h	3500W	R134a	Yes	115V	1
G521226G050	12000Btu/h	3500W	R513A	No	230V	1
G521226G051	12000Btu/h	3500W	R513A	No	230V	1
G521226G060	12000Btu/h	3500W	R513A	No	230V	1
G280416G050	4900Btu/h	1172W	R513A	No	115V	1
G280416G051	4900Btu/h	1172W	R513A	No	115V	1
G280416G060	4900Btu/h	1172W	R513A	No	115V	1
G280416G100	4900Btu/h	1172W	R513A	No	115V	1
G280416G101	4900Btu/h	1172W	R513A	No	115V	1
G280416G102	4900Btu/h	1435W	R513A	Yes	115V	1
G280416G150	4900Btu/h	1172W	R513A	No	115V	1
G280416G151	4900Btu/h	1172W	R513A	No	115V	1
G280416G360	4000Btu/h	1172W	R513A	Yes	115V	1
G280416G700	4000Btu/h	1172W	R513A	Yes	115V	1
G280416G800	4000Btu/h	1172W	R513A	Yes	115V	1
G280416G802	4000Btu/h	1172W	R513A	Yes	115V	1

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G280426G050	4900Btu/h	1435W	R407C	No	230V	1
G280426G051	4900Btu/h	1435W	R407C	No	230V	1
G280426G060	4900Btu/h	1435W	R407C	No	230V	1
G280426G100	4900Btu/h	1435W	R407C	No	230V	1
G280426G101	4900Btu/h	1435W	R407C	No	230V	1
G280426G102	4900Btu/h	1435W	R407C	Yes	230V	1
G280426G150	4900Btu/h	1435W	R407C	No	230V	1
G280426G151	4900Btu/h	1435W	R407C	No	230V	1
G280426G360	4000Btu/h	1172W	R407C	Yes	230V	1
G280426G700	4000Btu/h	1172W	R407C	Yes	230V	1
G280426G800	4000Btu/h	1172W	R407C	Yes	230V	1
G280426G802	4000Btu/h	1172W	R407C	Yes	230V	1
G520816G050	8000Btu/h	2300W	R513A	No	115V	1
G520816G051	8000Btu/h	2300W	R513A	No	115V	1
G520816G060	8000Btu/h	2300W	R513A	No	115V	1
G520816G100	8000Btu/h	2300W	R513A	No	115V	1
G520816G101	8000Btu/h	2300W	R513A	No	115V	1
G520816G102	8000Btu/h	3500W	R513A	Yes	115V	1
G520816G150	8000Btu/h	2300W	R513A	No	115V	1
G520816G151	8000Btu/h	2300W	R513A	No	115V	1

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G520816G360	8000Btu/h	3500W	R513A	Yes	115V	1
G520816G700	8000Btu/h	3500W	R513A	Yes	115V	1
G520816G800	8000Btu/h	3500W	R513A	Yes	115V	1
G520816G802	8000Btu/h	3500W	R513A	Yes	115V	1
G520826G050	8000Btu/h	2300W	R513A	No	230V	1
G520826G051	8000Btu/h	2300W	R513A	No	230V	1
G520826G060	8000Btu/h	2300W	R513A	No	230V	1
G520826G100	8000Btu/h	2300W	R513A	No	230V	1
G520826G101	8000Btu/h	2300W	R513A	No	230V	1
G520826G102	8000Btu/h	3500W	R513A	Yes	230V	1
G520826G150	8000Btu/h	2300W	R513A	No	230V	1
G520826G151	8000Btu/h	2300W	R513A	No	230V	1
G520826G360	8000Btu/h	3500W	R513A	Yes	230V	1
G521226G100	12000Btu/h	3500W	R513A	No	230V	1
G521226G101	12000Btu/h	3500W	R513A	No	230V	1
G521226G102	12000Btu/h	3500W	R513A	Yes	230V	1
G521226G150	12000Btu/h	3500W	R513A	No	230V	1
G521226G151	12000Btu/h	3500W	R513A	No	230V	1
G521226G360	12000Btu/h	3500W	R513A	Yes	230V	1
G521226G700	12000Btu/h	3500W	R513A	Yes	230V	1

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G521226G800	12000Btu/h	3500W	R513A	Yes	230V	1
G521226G802	12000Btu/h	3500W	R513A	Yes	230V	1
G572026G050	20000Btu/h	5861W	R407C	No	230V	1
G572026G051	20000Btu/h	5861W	R407C	No	230V	1
G572026G060	20000Btu/h	5861W	R407C	No	230V	1
G572026G100	20000Btu/h	5861W	R407C	No	230V	1
G572026G101	20000Btu/h	5861W	R407C	No	230V	1
G572026G102	20000Btu/h	5861W	R407C	Yes	230V	1
G572026G150	20000Btu/h	5861W	R407C	No	230V	1
G572026G151	20000Btu/h	5861W	R407C	No	230V	1
G280616G050	6400Btu/h	1874W	R407C	No	115V	1
G280616G051	6400Btu/h	1874W	R407C	No	115V	1
G280616G060	6400Btu/h	1874W	R407C	No	115V	1
G280616G100	6400Btu/h	1874W	R407C	No	115V	1
G280616G101	6400Btu/h	1874W	R407C	No	115V	1
G280616G102	6000Btu/h	2757W	R407C	Yes	115V	1
G280616G150	6400Btu/h	1874W	R407C	No	115V	1
G280616G151	6400Btu/h	1874W	R407C	No	115V	1
G280616G360	6000Btu/h	1757W	R407C	Yes	115V	1
G280616G700	6000Btu/h	1757W	R407C	Yes	115V	1

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G280616G800	6000Btu/h	1757W	R407C	Yes	115V	1
G280616G802	6000Btu/h	1757W	R407C	Yes	115V	1
G280626G050	6400Btu/h	1874W	R407C	No	230V	1
G280626G051	6400Btu/h	1874W	R407C	No	230V	1
G280626G060	6400Btu/h	1874W	R407C	No	230V	1
G280626G100	6400Btu/h	1874W	R407C	No	230V	1
G280626G101	6400Btu/h	1874W	R407C	No	230V	1
G280626G102	6000Btu/h	1757W	R407C	Yes	230V	1
G280626G150	6400Btu/h	1874W	R407C	No	230V	1
G280626G151	6400Btu/h	1874W	R407C	No	230V	1
G280626G360	6000Btu/h	1757W	R407C	Yes	230V	1
G280626G700	6000Btu/h	1757W		Yes	230V	1
G280626G800	6000Btu/h	1757W	R407C	Yes	230V	1
G280626G802	6000Btu/h	1757W	R407C	Yes	230V	1
G280646G050	6000Btu/h	1757W	R513A	No	460V	3
G280446G050	4900Btu/h	1435W	R513A	No	460V	3
G280446G051	4900Btu/h	1435W	R513A	No	460V	3
G280446G060	4900Btu/h	1435W	R513A	No	460V	3
G280446G100	4900Btu/h	1435W	R513A	No	460V	3
G280446G101	4900Btu/h	1435W	R513A	No	460V	3

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G572046G050	20000Btu/h	5861W	R407C	No	460V	3
G572046G051	20000Btu/h	5861W	R407C	No	460V	3
G572046G060	20000Btu/h	5861W	R407C	No	460V	3
G572046G100	20000Btu/h	5861W	R407C	No	460V	3
G572046G101	20000Btu/h	5861W	R407C	No	460V	3
G572046G150	20000Btu/h	5861W	R407C	No	460V	3
G572046G151	20000Btu/h	5861W	R407C	No	460V	3
G520846G050	8000Btu/h	2300W	R513A	No	460V	3
G520846G051	8000Btu/h	2300W	R513A	No	460V	3
G520846G060	8000Btu/h	2300W	R513A	No	460V	3
G520846G100	8000Btu/h	2300W	R513A	No	460V	3
G520846G101	8000Btu/h	2300W	R513A	No	460V	3
G520846G150	8000Btu/h	2300W	R513A	No	460V	3
G520846G151	8000Btu/h	2300W	R513A	No	460V	3
G521246G050	12000Btu/h	3500W	R513A	No	460V	3
G521246G051	12000Btu/h	3500W	R513A	No	460V	3
G521246G060	12000Btu/h	3500W	R513A	No	460V	3
G521246G100	12000Btu/h	3500W	R513A	No	460V	3
G521246G101	12000Btu/h	3500W	R513A	No	460V	3
G521246G150	12000Btu/h	3500W	R513A	No	460V	3

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G521246G151	12000Btu/h	3500W	R513A	No	460V	3
G280646G051	6000Btu/h	1757W	R513A	No	460V	3
G280646G060	6000Btu/h	1757W	R513A	No	460V	3
G280646G100	6000Btu/h	1757W	R513A	No	460V	3
G280646G101	6000Btu/h	1757W	R513A	No	460V	3
G280646G102	6000Btu/h	1757W	R513A	Yes	460V	3
G280646G360	6000Btu/h	1757W	R513A	Yes	460V	3
G280646G700	6000Btu/h	1757W	R513A	Yes	460V	3
G280646G800	6000Btu/h	1757W		Yes	460V	3
G280646G802	6000Btu/h	1757W	R513A	Yes	460V	3
G572046G102	20000Btu/h	5861W	R407C	Yes	460V	3
G572046G360	20000Btu/h	5861W	R407C	Yes	460V	3
G572046G700	20000Btu/h	5861W	R407C	Yes	460V	3
G572046G800	20000Btu/h	5861W	R407C	Yes	460V	3
G572046G802	20000Btu/h	5861W	R407C	Yes	460V	3
G280446G360	4000Btu/h	1172W	R513A	Yes	460V	3
G280446G700	4000Btu/h	1172W	R513A	Yes	460V	3
G280446G800	4000Btu/h	1172W	R513A	Yes	460V	3
G280446G802	4000Btu/h	1172W	R513A	Yes	460V	3
G280446G102	4900Btu/h	1435W	R513A	Yes	460V	3

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage	Number of Phases
G521246G102	12000Btu/h	3500W	R513A	Yes	460V	3
G521246G360	12000Btu/h	3500W	R513A	Yes	460V	3
G521246G700	12000Btu/h	3500W	R513A	Yes	460V	3
G521246G800	12000Btu/h	3500W	R513A	Yes	460V	3
G521246G802	12000Btu/h	3500W	R513A	Yes	460V	3
G520846G102	8000Btu/h	3500W	R513A	Yes	460V	3
G520846G360	8000Btu/h	3500W	R513A	Yes	460V	3
G520846G700	8000Btu/h	3500W	R513A	Yes	460V	3
G520846G800	8000Btu/h	3500W	R513A	Yes	460V	3
G520846G802	8000Btu/h	3500W	R513A	Yes	460V	3

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.



Our powerful portfolio of brands:

CADDY ERICO HOFFMAN ILSCO SCHROFF TRACHTE