

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	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G280416G050	20931	4900Btu/h	1172W	R513A	No	115V
G280416G051	20932	4900Btu/h	1172W	R513A	No	115V
G280416G060	20968	4900Btu/h	1172W	R513A	No	115V
G280416G100	20933	4900Btu/h	1172W	R513A	No	115V
G280416G101	21056	4900Btu/h	1172W	R513A	No	115V
G280416G102	21444	4900Btu/h	1435W	R513A	Yes	115V
G280416G150	20934	4900Btu/h	1172W	R513A	No	115V
G280416G151	21187	4900Btu/h	1172W	R513A	No	115V
G280416G360	34395	4000Btu/h	1172W	R513A	Yes	115V
G280416G700	35631	4000Btu/h	1172W	R513A	Yes	115V
G280416G800	35632	4000Btu/h	1172W	R513A	Yes	115V
G280416G802	35633	4000Btu/h	1172W	R513A	Yes	115V
G280426G050	20935	4900Btu/h	1435W	R407C	No	230V
G280426G051	20936	4900Btu/h	1435W	R407C	No	230V
G280426G060	20971	4900Btu/h	1435W	R407C	No	230V
G280426G100	20937	4900Btu/h	1435W	R407C	No	230V
G280426G101	21057	4900Btu/h	1435W	R407C	No	230V
G280426G102	21445	4900Btu/h	1435W	R407C	Yes	230V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G280426G150	20938	4900Btu/h	1435W	R407C	No	230V
G280426G151	21188	4900Btu/h	1435W	R407C	No	230V
G280426G360	35634	4000Btu/h	1172W	R407C	Yes	230V
G280426G700	35635	4000Btu/h	1172W	R407C	Yes	230V
G280426G800	35636	4000Btu/h	1172W	R407C	Yes	230V
G280426G802	35637	4000Btu/h	1172W	R407C	Yes	230V
G280616G050	20923	6400Btu/h	1874W	R407C	No	115V
G280616G051	20922	6400Btu/h	1874W	R407C	No	115V
G280616G060	20973	6400Btu/h	1874W	R407C	No	115V
G280616G100	20921	6400Btu/h	1874W	R407C	No	115V
G280616G101	20948	6400Btu/h	1874W	R407C	No	115V
G280616G102	21447	6000Btu/h	2757W	R407C	Yes	115V
G280616G150	20918	6400Btu/h	1874W	R407C	No	115V
G280616G151	21192	6400Btu/h	1874W	R407C	No	115V
G280616G360	35645	6000Btu/h	1757W	R407C	Yes	115V
G280616G700	35646	6000Btu/h	1757W	R407C	Yes	115V
G280616G800	35647	6000Btu/h	1757W	R407C	Yes	115V
G280616G802	35648	6000Btu/h	1757W	R407C	Yes	115V
G280626G050	20917	6400Btu/h	1874W	R407C	No	230V
G280626G051	20916	6400Btu/h	1874W	R407C	No	230V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G280626G060	20974	6400Btu/h	1874W	R407C	No	230V
G280626G100	20915	6400Btu/h	1874W	R407C	No	230V
G280626G101	20904	6400Btu/h	1874W	R407C	No	230V
G280626G102	21448	6000Btu/h	1757W	R407C	Yes	230V
G280626G150	20914	6400Btu/h	1874W	R407C	No	230V
G280626G151	21193	6400Btu/h	1874W	R407C	No	230V
G280626G360	35652	6000Btu/h	1757W	R407C	Yes	230V
G280626G700	35653	6000Btu/h	1757W		Yes	230V
G280626G800	35654	6000Btu/h	1757W	R407C	Yes	230V
G280626G802	35655	6000Btu/h	1757W	R407C	Yes	230V
G520816G050	19282	8000Btu/h	2300W	R513A	No	115V
G520816G051	19897	8000Btu/h	2300W	R513A	No	115V
G520816G060	23897	8000Btu/h	2300W	R513A	No	115V
G520816G100	20503	8000Btu/h	2300W	R513A	No	115V
G520816G101	20978	8000Btu/h	2300W	R513A	No	115V
G520816G102	21162	8000Btu/h	3500W	R513A	Yes	115V
G520816G150	20504	8000Btu/h	2300W	R513A	No	115V
G520816G151	20842	8000Btu/h	2300W	R513A	No	115V
G520816G360	35662	8000Btu/h	3500W	R513A	Yes	115V
G520816G700	35663	8000Btu/h	3500W	R513A	Yes	115V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G520816G800	35664	8000Btu/h	3500W	R513A	Yes	115V
G520816G802	35665	8000Btu/h	3500W	R513A	Yes	115V
G520826G050	19283	8000Btu/h	2300W	R513A	No	230V
G520826G051	19888	8000Btu/h	2300W	R513A	No	230V
G520826G060	23898	8000Btu/h	2300W	R513A	No	230V
G520826G100	20505	8000Btu/h	2300W	R513A	No	230V
G520826G101	20981	8000Btu/h	2300W	R513A	No	230V
G520826G102	21163	8000Btu/h	3500W	R513A	Yes	230V
G520826G150	20506	8000Btu/h	2300W	R513A	No	230V
G520826G151	21167	8000Btu/h	2300W	R513A	No	230V
G520826G360	35666	8000Btu/h	3500W	R513A	Yes	230V
G520826G700	35667	8000Btu/h	3500W	R513A	Yes	230V
G520826G800	35668	8000Btu/h	3500W	R513A	Yes	230V
G520826G802	35672	8000Btu/h	3500W	R513A	Yes	230V
G521216G050	19285	12000Btu/h	3500W	R134a	No	115V
G521216G051	19903	12000Btu/h	3500W	R134a	No	115V
G521216G060	23903	12000Btu/h	3500W	R134a	No	115V
G521216G100	20507	12000Btu/h	3500W	R134a	No	115V
G521216G101	21048	12000Btu/h	3500W	R134a	No	115V
G521216G102	21164	12000Btu/h	3500W	R134a	Yes	115V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G521216G150	20508	12000Btu/h	3500W	R134a	No	115V
G521216G151	21171	12000Btu/h	3500W	R134a	No	115V
G521216G360	35677	12000Btu/h	3500W	R134a	Yes	115V
G521216G700	35678	12000Btu/h	3500W	R134a	Yes	115V
G521216G800	35682	12000Btu/h	3500W	R134a	Yes	115V
G521216G802	35683	12000Btu/h	3500W	R134a	Yes	115V
G521226G050	19286	12000Btu/h	3500W	R513A	No	230V
G521226G051	19902	12000Btu/h	3500W	R513A	No	230V
G521226G060	23904	12000Btu/h	3500W	R513A	No	230V
G521226G100	20511	12000Btu/h	3500W	R513A	No	230V
G521226G101	21158	12000Btu/h	3500W	R513A	No	230V
G521226G102	21165	12000Btu/h	3500W	R513A	Yes	230V
G521226G150	20512	12000Btu/h	3500W	R513A	No	230V
G521226G151	21172	12000Btu/h	3500W	R513A	No	230V
G521226G360	35684	12000Btu/h	3500W	R513A	Yes	230V
G521226G700	35685	12000Btu/h	3500W	R513A	Yes	230V
G521226G800	35686	12000Btu/h	3500W	R513A	Yes	230V
G521226G802	35687	12000Btu/h	3500W	R513A	Yes	230V
G572026G050	20817	20000Btu/h	5861W	R407C	No	230V
G572026G051	19895	20000Btu/h	5861W	R407C	No	230V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G572026G060	23906	20000Btu/h	5861W	R407C	No	230V
G572026G100	19288	20000Btu/h	5861W	R407C	No	230V
G572026G101	19451	20000Btu/h	5861W	R407C	No	230V
G572026G102	21443	20000Btu/h	5861W	R407C	Yes	230V
G572026G150	21114	20000Btu/h	5861W	R407C	No	230V
G572026G151	21438	20000Btu/h	5861W	R407C	No	230V
G572026G360	35694	20000Btu/h	5861W	R407C	Yes	230V
G572026G700	35695	20000Btu/h	5861W	R407C	Yes	230V
G572026G800	35696	20000Btu/h	5861W	R407C	Yes	230V
G572026G802	35697	20000Btu/h	5861W	R407C	Yes	230V
N160116G102	35708	800Btu/h	235W	R513A	Yes	115V
N160126G102	35715	800Btu/h	235W	R513A	Yes	230V
N210216G102	35722	2000Btu/h	586W	R513A	Yes	115V
N210226G102	35726	2000Btu/h	586W	R513A	Yes	230V
G280446G050	21027	4900Btu/h	1435W	R513A	No	460V
G280446G051	21082	4900Btu/h	1435W	R513A	No	460V
G280446G060	20972	4900Btu/h	1435W	R513A	No	460V
G280446G100	21028	4900Btu/h	1435W	R513A	No	460V
G280446G101	21058	4900Btu/h	1435W	R513A	No	460V
G280646G050	21032	6000Btu/h	1757W	R513A	No	460V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G280646G051	21026	6000Btu/h	1757W	R513A	No	460V
G280646G060	20975	6000Btu/h	1757W	R513A	No	460V
G280646G100	21025	6000Btu/h	1757W	R513A	No	460V
G280646G101	21023	6000Btu/h	1757W	R513A	No	460V
G520846G050	19284	8000Btu/h	2300W	R513A	No	460V
G520846G051	19901	8000Btu/h	2300W	R513A	No	460V
G520846G060	23902	8000Btu/h	2300W	R513A	No	460V
G520846G100	20514	8000Btu/h	2300W	R513A	No	460V
G520846G101	21047	8000Btu/h	2300W	R513A	No	460V
G520846G150	20592	8000Btu/h	2300W	R513A	No	460V
G520846G151	21168	8000Btu/h	2300W	R513A	No	460V
G521246G050	19287	12000Btu/h	3500W	R513A	No	460V
G521246G051	19485	12000Btu/h	3500W	R513A	No	460V
G521246G060	23905	12000Btu/h	3500W	R513A	No	460V
G521246G100	19884	12000Btu/h	3500W	R513A	No	460V
G521246G101	21161	12000Btu/h	3500W	R513A	No	460V
G521246G150	20558	12000Btu/h	3500W	R513A	No	460V
G521246G151	21173	12000Btu/h	3500W	R513A	No	460V
G572046G050	20517	20000Btu/h	5861W	R407C	No	460V
G572046G051	19905	20000Btu/h	5861W	R407C	No	460V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G572046G060	23907	20000Btu/h	5861W	R407C	No	460V
G572046G100	20976	20000Btu/h	5861W	R407C	No	460V
G572046G101	21051	20000Btu/h	5861W	R407C	No	460V
G572046G150	20744	20000Btu/h	5861W	R407C	No	460V
G572046G151	21441	20000Btu/h	5861W	R407C	No	460V
G280446G102	21446	4900Btu/h	1435W	R513A	Yes	460V
G280446G360	35638	4000Btu/h	1172W	R513A	Yes	460V
G280446G700	35642	4000Btu/h	1172W	R513A	Yes	460V
G280446G800	35643	4000Btu/h	1172W	R513A	Yes	460V
G280446G802	35644	4000Btu/h	1172W	R513A	Yes	460V
G280646G102	21451	6000Btu/h	1757W	R513A	Yes	460V
G280646G360	35573	6000Btu/h	1757W	R513A	Yes	460V
G280646G700	35656	6000Btu/h	1757W	R513A	Yes	460V
G280646G800	35657	6000Btu/h	1757W		Yes	460V
G280646G802	35658	6000Btu/h	1757W	R513A	Yes	460V
G520846G102	21105	8000Btu/h	3500W	R513A	Yes	460V
G520846G360	35673	8000Btu/h	3500W	R513A	Yes	460V
G520846G700	35674	8000Btu/h	3500W	R513A	Yes	460V
G520846G800	35675	8000Btu/h	3500W	R513A	Yes	460V
G520846G802	35676	8000Btu/h	3500W	R513A	Yes	460V

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Refrigerant	Corrosion Resistant	Nominal Voltage
G521246G102	21166	12000Btu/h	3500W	R513A	Yes	460V
G521246G360	35688	12000Btu/h	3500W	R513A	Yes	460V
G521246G700	35691	12000Btu/h	3500W	R513A	Yes	460V
G521246G800	35692	12000Btu/h	3500W	R513A	Yes	460V
G521246G802	35693	12000Btu/h	3500W	R513A	Yes	460V
G572046G102	21078	20000Btu/h	5861W	R407C	Yes	460V
G572046G360	35698	20000Btu/h	5861W	R407C	Yes	460V
G572046G700	35702	20000Btu/h	5861W	R407C	Yes	460V
G572046G800	35703	20000Btu/h	5861W	R407C	Yes	460V
G572046G802	35704	20000Btu/h	5861W	R407C	Yes	460V

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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