

SpectraCool Narrow with Advanced Corrosion Protection



SpectraCool Narrow 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

IP 56 Internal Loop

IP 34 on External Loop

Telcordia GR-487 capable

FEATURES

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

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.

Narrow design accommodates 12-inch (300mm) deep cabinets

Attractive industrial design with minimal use of visible fasteners

Cleanable, reusable aluminum mesh filter protects coils for maximum cooling performance

R407C, R513A or R134a refrigerants

Models for 115, 230 and 400/460 3-phase VAC power input

Outdoor model operating temperature range from -40 F/-40 C to 131 F/55 C (125 F/52 C on N28 Series)

Reliable mechanical thermostat on enclosure side of the unit; indoor Air Conditioner models include digital display on ambient side

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

Energy efficient reciprocating compressor on N28 models

Energy efficient rotary compressor on N36 and N43 models

Galvanized sheet-metal cover for rugged factory environments

Easy-mount flanges for simple installation

Every unit functionally tested before shipping

Standard models include: active condensate management with heater strip, power-off relay for door switch and other system requirements and malfunction switch

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

SPECIFICATIONS

Table 1/1						
Catalog Number	Article Number	Height	Width	Depth	Nominal Voltage	Refrigerant
N280416G102	23935	711mm	292mm	356mm	115V	R513A
N280416G360	35392	711mm	292mm	356mm	115V	R513A
N280416G700	35734	711mm	292mm	356mm	115V	R513A
N280416G800	35735	711mm	292mm	356mm	115V	R513A
N280416G802	35736	711mm	292mm	356mm	115V	R513A
N280426G102	23938	711mm	292mm	356mm	230V	R513A
N280426G360	35737	711mm	292mm	356mm	230V	R513A
N280426G700	35738	711mm	292mm	356mm	230V	R513A
N280426G800	35742	711mm	292mm	356mm	230V	R513A
N280426G802	35743	711mm	292mm	356mm	230V	R513A
N280446G102	23943	711mm	292mm	356mm	460V	R513A
N280446G360	35744	711mm	292mm	356mm	460V	R513A
N280446G700	35745	711mm	292mm	356mm	460V	R513A
N280446G800	35746	711mm	292mm	356mm	460V	R513A
N280446G802	35747	711mm	292mm	356mm	460V	R513A
N360616G102	23945	914mm	292mm	356mm	115V	R513A
N360616G360	35748	914mm	292mm	356mm	115V	R513A
N360616G700	35749	914mm	292mm	356mm	115V	R513A
N360616G800	35751	914mm	292mm	356mm	115V	R513A

Catalog Number	Article Number	Height	Width	Depth	Nominal Voltage	Refrigerant
N360616G802	35752	914mm	292mm	356mm	115V	R513A
N360626G102	23948	914mm	292mm	356mm	230V	R513A
N360626G360	35753	914mm	292mm	356mm	230V	R513A
N360626G700	35754	914mm	292mm	356mm	230V	R513A
N360626G800	35755	914mm	292mm	356mm	230V	R513A
N360626G802	35756	914mm	292mm	356mm	230V	R513A
N360816G102	23952	914mm	292mm	356mm	115V	R513A
N360816G360	35763	914mm	292mm	356mm	115V	R513A
N360816G700	35764	914mm	292mm	356mm	115V	R513A
N360816G800	35765	914mm	292mm	356mm	115V	
N360816G802	35766	914mm	292mm	356mm	115V	R513A
N360826G102	23957	914mm	292mm	356mm	230V	R513A
N360826G360	35767	914mm	292mm	356mm	230V	R513A
N360826G700	35768	914mm	292mm	356mm	230V	R513A
N360826G800	35769	914mm	292mm	356mm	230V	R513A
N360826G802	35772	914mm	292mm	356mm	230V	R513A
N431216G102	23965	1092mm	292mm	356mm	115V	R134a
N431216G360	35777	1092mm	292mm	356mm	115V	R134a
N431216G800	35779	1092mm	292mm	356mm	115V	R134a
N431216G802	35782	1092mm	292mm	356mm	115V	R134a

Catalog Number	Article Number	Height	Width	Depth	Nominal Voltage	Refrigerant
N431226G102	23968	1092mm	292mm	356mm	230V	R513A
N431226G360	35783	1092mm	292mm	356mm	230V	R513A
N431226G700	35784	1092mm	292mm	356mm	230V	R513A
N431226G800	35785	1092mm	292mm	356mm	230V	R513A
N431226G802	35786	1092mm	292mm	356mm	230V	R513A
N431216G700	35778	1092mm	292mm	356mm	115V	R134a
N360646G102	23954	914mm	292mm	356mm	460V	R513A
N360646G360	35757	914mm	292mm	356mm	460V	R513A
N360646G700	35758	914mm	292mm	356mm	460V	R513A
N360646G800	35759	914mm	292mm	356mm	460V	
N360646G802	35762	914mm	292mm	356mm	460V	R513A
N360846G102	23962	914mm	292mm	356mm	460V	R513A
N360846G360	35773	914mm	292mm	356mm	460V	R513A
N360846G700	35774	914mm	292mm	356mm	460V	R513A
N360846G800	35775	914mm	292mm	356mm	460V	R513A
N360846G802	35776	914mm	292mm	356mm	460V	R513A
N431246G102	23973	1092mm	292mm	356mm	460V	R513A
N431246G360	35787	1092mm	292mm	356mm	460V	R513A
N431246G700	35788	1092mm	292mm	356mm	460V	R513A
N431246G800	35789	1092mm	292mm	356mm	460V	R513A

Catalog Number	Article Number	Height	Width	Depth	Nominal Voltage	Refrigerant
N431246G802	35792	1092mm	292mm	356mm	460V	R513A

ADDITIONAL PRODUCT DETAILS

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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