

# 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 |
| 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       |
| 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       |
| 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       |

| Catalog Number | Article Number | Height | Width | Depth | Nominal Voltage | Refrigerant |
|----------------|----------------|--------|-------|-------|-----------------|-------------|
| 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       |
| 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       |

| Catalog Number | Article Number | Height | Width | Depth | Nominal Voltage | Refrigerant |
|----------------|----------------|--------|-------|-------|-----------------|-------------|
| 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       |
| 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](http://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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