

# SpectraCool Narrow Hazardous Location Indoor/Outdoor



NHZ43  
11000 BTU/Hr.  
3223 Watt

NHZ36  
6000/8000 BTU/Hr.  
1758/2344 Watt

NHZ28  
4000 BTU/Hr.  
1172 Watt

SpectraCool Narrow Hazardous Location Indoor/Outdoor air conditioners are engineered specifically for hazardous location cooling. Attractive design with no heavy cast enclosure and minimal use of visible fasteners. Air conditioners do not require a purge and pressurized system.

## STANDARDE INDUSTRIALE

UL/cUL Listed; Type 4; 4X; File No. E469720

CE

Class 1 Div 2 Groups A, B, C, D T4

## CARATTERISTICI

- Gestione attiva del condensato con banda calefactora.

Not re-built from light industrial air conditioners

Painted galvanized sheet metal cover for rugged factory and outdoor environments

Corrosion resistant coating on ambient side components for Type 4X models

Corrosion resistant coating on ambient and enclosure side components for Type 4X Offshore models

Dust resistant coils for filterless operation in most environments

Cleanable, reusable aluminum mesh filter protects coils for extremely dusty and dirty atmospheres

Digital temperature control

Narrow design to accommodate 12-in (300-mm) deep cabinets

R134a, R513A or R407C earth-friendly Refrigerant

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

UL Listed to save customers time and money with agency approvals

Easy-Mount flanges for simple installation

Standard Type 4/4X models include

- Compressor Heater

- Head Pressure Control

- Power-off relay for door switch and other system requirements

- Malfunction switch

Nominal cooling capacities:

- NHZ28 4000 BTU/hr. (1172 W)

- NHZ36 6000 & 8000 BTU/hr. (1758 and 2344 W)

- NHZ43 11000 BTU/hr. (3223 W)

Outdoor model operating temperature range from -40 F/ -40 C to 131 F/ 55 C (125 F/52 C on NHZ28 Series and NHZ43 Series 115V)

## SPECIFICAȚII

Table 1/3

| Număr de catalog | Nominal Capacity Watts | Nominal Capacity Btu/h | Nominal Voltage | Number of Phases | Refrigerant | Material             |
|------------------|------------------------|------------------------|-----------------|------------------|-------------|----------------------|
| NHZ280426G300    | 1172W                  | 4000Btu/h              | 230V            | 1                | R513A       | Oțel Zincat          |
| NHZ360816G460    | 2286W                  | 7800Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280426G400    | 1172W                  | 4000Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360616G400    | 1757W                  | 6000Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360816G500    | 2286W                  | 7800Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280426G360    | 1172W                  | 4000Btu/h              | 230V            | 1                | R513A       | Oțel Zincat          |
| NHZ360646G400    | 1757W                  | 6000Btu/h              | 460V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360826G400    | 2489W                  | 8500Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360616G500    | 1757W                  | 6000Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360826G360    | 2489W                  | 8500Btu/h              | 230V            | 1                | R513A       | Oțel Zincat          |
| NHZ360826G300    | 2489W                  | 8500Btu/h              | 230V            | 1                | R513A       | Oțel Zincat          |
| NHZ280416G500    | 1172W                  | 4000Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360626G300    | 1757W                  | 6000Btu/h              | 230V            | 1                | R513A       | Oțel Zincat          |
| NHZ360826G460    | 2489W                  | 8500Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280416G460    | 1172W                  | 4000Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360826G500    | 2489W                  | 8500Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360646G360    | 1757W                  | 6000Btu/h              | 460V            | 1                | R513A       | Oțel Zincat          |

| Număr de catalog | Nominal Capacity Watts | Nominal Capacity Btu/h | Nominal Voltage | Number of Phases | Refrigerant | Material             |
|------------------|------------------------|------------------------|-----------------|------------------|-------------|----------------------|
| NHZ360626G400    | 1757W                  | 6000Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280416G400    | 1172W                  | 4000Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280446G300    | 1172W                  | 4000Btu/h              | 460V            | 1                | R513A       | Oțel Zincat          |

Table 2/3

| Număr de catalog | Nominal Capacity Watts | Nominal Capacity Btu/h | Nominal Voltage | Number of Phases | Refrigerant | Material             |
|------------------|------------------------|------------------------|-----------------|------------------|-------------|----------------------|
| NHZ280446G400    | 1172W                  | 4000Btu/h              | 460V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360816G300    | 2286W                  | 7800Btu/h              | 115V            | 1                | R513A       | Oțel Zincat          |
| NHZ360626G360    | 1757W                  | 6000Btu/h              | 230V            | 1                | R513A       | Oțel Zincat          |
| NHZ280446G360    | 1172W                  | 4000Btu/h              | 460V            | 1                | R513A       | Oțel Zincat          |
| NHZ360616G460    | 1757W                  | 6000Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280446G460    | 1172W                  | 4000Btu/h              | 460V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360626G460    | 1757W                  | 6000Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360816G400    | 2286W                  | 7800Btu/h              | 115V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360646G300    | 1757W                  | 6000Btu/h              | 460V            | 1                | R513A       | Oțel Zincat          |
| NHZ360646G460    | 1757W                  | 6000Btu/h              | 460V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280446G500    | 1172W                  | 4000Btu/h              | 460V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360616G360    | 1757W                  | 6000Btu/h              | 115V            | 1                | R513A       | Oțel Zincat          |
| NHZ280426G500    | 1172W                  | 4000Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360646G500    | 1757W                  | 6000Btu/h              | 460V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360816G360    | 2286W                  | 7800Btu/h              | 115V            | 1                | R513A       | Oțel Zincat          |
| NHZ280426G460    | 1172W                  | 4000Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ360616G300    | 1757W                  | 6000Btu/h              | 115V            | 1                | R513A       | Oțel Zincat          |
| NHZ360626G500    | 1757W                  | 6000Btu/h              | 230V            | 1                | R513A       | Oțel Inoxidabil 316L |
| NHZ280416G300    | 1172W                  | 4000Btu/h              | 115V            | 1                | R513A       | Oțel Zincat          |
| NHZ280416G360    | 1172W                  | 4000Btu/h              | 115V            | 1                | R513A       | Oțel Zincat          |

Table 3/3

| Număr de catalog | Nominal Capacity Watts | Nominal Capacity Btu/h | Nominal Voltage | Number of Phases | Refrigerant | Material             |
|------------------|------------------------|------------------------|-----------------|------------------|-------------|----------------------|
| NHZ360846G500    | 2489W                  | 8500Btu/h              | 460V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431246G360    | 3223W                  | 11000Btu/h             | 460V            | 3                | R513A       | Oțel Zincat          |
| NHZ431216G360    | 3223W                  | 11000Btu/h             | 115V            | 3                | R513A       | Oțel Zincat          |
| NHZ431226G400    | 3223W                  | 11000Btu/h             | 230V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431216G460    | 3223W                  | 11000Btu/h             | 115V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431226G300    | 3223W                  | 11000Btu/h             | 230V            | 3                | R513A       | Oțel Zincat          |
| NHZ431246G500    | 3223W                  | 11000Btu/h             | 460V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ360846G300    | 2489W                  | 8500Btu/h              | 460V            | 3                | R513A       | Oțel Zincat          |
| NHZ431216G400    | 3223W                  | 11000Btu/h             | 115V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431226G500    | 3223W                  | 11000Btu/h             | 230V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431246G460    | 3223W                  | 11000Btu/h             | 460V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431226G360    | 3223W                  | 11000Btu/h             | 230V            | 3                | R513A       | Oțel Zincat          |
| NHZ431246G400    | 3223W                  | 11000Btu/h             | 460V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ360846G460    | 2489W                  | 8500Btu/h              | 460V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431216G300    | 3223W                  | 11000Btu/h             | 115V            | 3                | R513A       | Oțel Zincat          |
| NHZ360846G400    | 2489W                  | 8500Btu/h              | 460V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431216G500    | 3223W                  | 11000Btu/h             | 115V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431226G460    | 3223W                  | 11000Btu/h             | 230V            | 3                | R513A       | Oțel Inoxidabil 316L |
| NHZ431246G300    | 3223W                  | 11000Btu/h             | 460V            | 3                | R513A       | Oțel Zincat          |
| NHZ360846G360    | 2489W                  | 8500Btu/h              | 460V            | 3                | R513A       | Oțel Zincat          |

## DETALII SUPLIMENTARE DESPRE PRODUS

Units with Remote Access Control utilize a digital controller and communicate via EtherNet/IP, Profinet, Modbus TCP/IP and SNMP over ethernet or modbus RTU over USB.

## AVERTIZARE

Produsele nVent trebuie instalate și utilizate numai așa cum este indicat în fișele de instrucțiuni și materialele de formare ale nVent. Fișele de instrucțiuni sunt disponibile pe [www.nvent.com](http://www.nvent.com) și de la reprezentantul dvs. de servicii clienți nVent. O instalare incorectă, o utilizare abuzivă, o aplicare greșită sau orice altă lipsă de respectare completă a instrucțiunilor și

avertismentelor nVent poate duce la defectarea produsului, la deteriorarea proprietății, la răniri corporale grave și moarte și/sau poate anula garanția dvs.



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