

SpectraCool Narrow Hazardous Location Indoor/Outdoor



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.

INDUSTRY STANDARDS

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

CE

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

FEATURES

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

- Active condensate management with heater strip

- 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)

SPECIFICATIONS

Table 1/1						
Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage	Number of Phases	Height
NHZ280446G300	28638	4000Btu/h	1172W	460V	1	711mm
NHZ280446G360	29204	4000Btu/h	1172W	460V	1	711mm
NHZ280446G400	28655	4000Btu/h	1172W	460V	1	711mm
NHZ280446G460	29223	4000Btu/h	1172W	460V	1	711mm
NHZ280446G500	28672	4000Btu/h	1172W	460V	1	711mm
NHZ360646G360	29207	6000Btu/h	1757W	460V	1	914mm
NHZ360646G400	28658	6000Btu/h	1757W	460V	1	914mm
NHZ360646G500	28676	6000Btu/h	1757W	460V	1	914mm
NHZ280416G300	28635	4000Btu/h	1172W	115V		711mm
NHZ280416G360	29201	4000Btu/h	1172W	115V		711mm
NHZ280416G400	28652	4000Btu/h	1172W	115V		711mm
NHZ280416G460	29217	4000Btu/h	1172W	115V		711mm
NHZ280416G500	28667	4000Btu/h	1172W	115V		711mm
NHZ280426G300	28636	4000Btu/h	1172W	230V		711mm
NHZ280426G360	29203	4000Btu/h	1172W	230V		711mm
NHZ280426G400	28653	4000Btu/h	1172W	230V		711mm
NHZ280426G460	29222	4000Btu/h	1172W	230V		711mm
NHZ280426G500	28668	4000Btu/h	1172W	230V		711mm

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage	Number of Phases	Height
NHZ360616G300	28641	6000Btu/h	1757W	115V		914mm
NHZ360616G400	28656	6000Btu/h	1757W	115V		914mm
NHZ360616G500	28673	6000Btu/h	1757W	115V		914mm
NHZ360626G300	28642	6000Btu/h	1757W	230V		914mm
NHZ360626G400	28657	6000Btu/h	1757W	230V		914mm
NHZ360626G500	28674	6000Btu/h	1757W	230V		914mm
NHZ360816G300	28644	7800Btu/h	2286W	115V		914mm
NHZ360816G400	28661	7800Btu/h	2286W	115V		914mm
NHZ360826G300	28645	8500Btu/h	2489W	230V		914mm
NHZ360826G400	28662	8500Btu/h	2489W	230V		914mm
NHZ360826G500	28678	8500Btu/h	2489W	230V		914mm
NHZ360846G300	28646	8500Btu/h	2489W	460V	3	914mm
NHZ360846G400	28663	8500Btu/h	2489W	460V	3	914mm
NHZ360846G500	28681	8500Btu/h	2489W	460V	3	914mm
NHZ431216G300	28647	11000Btu/h	3223W	115V		1092mm
NHZ431216G400	28664	11000Btu/h	3223W	115V		1092mm
NHZ431216G460	29232	11000Btu/h	3223W	115V		1092mm
NHZ431216G500	28682	11000Btu/h	3223W	115V		1092mm
NHZ431226G300	28648	11000Btu/h	3223W	230V		1092mm
NHZ431226G360	29215	11000Btu/h	3223W	230V		1092mm

Catalog Number	Article Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage	Number of Phases	Height
NHZ431226G400	28665	11000Btu/h	3223W	230V		1092mm
NHZ431226G460	29233	11000Btu/h	3223W	230V		1092mm
NHZ431226G500	28683	11000Btu/h	3223W	230V		1092mm
NHZ431246G300	28651	11000Btu/h	3223W	460V	3	1092mm
NHZ431246G360	29216	11000Btu/h	3223W	460V	3	1092mm
NHZ431246G400	28666	11000Btu/h	3223W	460V	3	1092mm
NHZ431246G460	29234	11000Btu/h	3223W	460V	3	1092mm
NHZ431246G500	28684	11000Btu/h	3223W	460V	3	1092mm

ADDITIONAL PRODUCT DETAILS

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.

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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