

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	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage	Number of Phases	Height	Width
NHZ360646G460	6000Btu/h	1757W	460V	1	914mm	292mm
NHZ280446G300	4000Btu/h	1172W	460V	1	711mm	292mm
NHZ280446G360	4000Btu/h	1172W	460V	1	711mm	292mm
NHZ280446G400	4000Btu/h	1172W	460V	1	711mm	292mm
NHZ280446G460	4000Btu/h	1172W	460V	1	711mm	292mm
NHZ280446G500	4000Btu/h	1172W	460V	1	711mm	292mm
NHZ360646G300	6000Btu/h	1757W	460V	1	914mm	292mm
NHZ360646G360	6000Btu/h	1757W	460V	1	914mm	292mm
NHZ360646G400	6000Btu/h	1757W	460V	1	914mm	292mm
NHZ360646G500	6000Btu/h	1757W	460V	1	914mm	292mm
NHZ280416G300	4000Btu/h	1172W	115V		711mm	292mm
NHZ280416G360	4000Btu/h	1172W	115V		711mm	292mm
NHZ280416G400	4000Btu/h	1172W	115V		711mm	292mm
NHZ280416G460	4000Btu/h	1172W	115V		711mm	292mm
NHZ280416G500	4000Btu/h	1172W	115V		711mm	292mm
NHZ280426G300	4000Btu/h	1172W	230V		711mm	292mm
NHZ280426G360	4000Btu/h	1172W	230V		711mm	292mm
NHZ280426G400	4000Btu/h	1172W	230V		711mm	292mm

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage	Number of Phases	Height	Width
NHZ280426G460	4000Btu/h	1172W	230V		711mm	292mm
NHZ280426G500	4000Btu/h	1172W	230V		711mm	292mm
NHZ360616G300	6000Btu/h	1757W	115V		914mm	292mm
NHZ360616G400	6000Btu/h	1757W	115V		914mm	292mm
NHZ360616G500	6000Btu/h	1757W	115V		914mm	292mm
NHZ360626G300	6000Btu/h	1757W	230V		914mm	292mm
NHZ360626G400	6000Btu/h	1757W	230V		914mm	292mm
NHZ360626G500	6000Btu/h	1757W	230V		914mm	292mm
NHZ360816G300	7800Btu/h	2286W	115V		914mm	292mm
NHZ360816G400	7800Btu/h	2286W	115V		914mm	292mm
NHZ360826G300	8500Btu/h	2489W	230V		914mm	292mm
NHZ360826G400	8500Btu/h	2489W	230V		914mm	292mm
NHZ360826G500	8500Btu/h	2489W	230V		914mm	292mm
NHZ360846G300	8500Btu/h	2489W	460V	3	914mm	292mm
NHZ360846G400	8500Btu/h	2489W	460V	3	914mm	292mm
NHZ360846G500	8500Btu/h	2489W	460V	3	914mm	292mm
NHZ431216G300	11000Btu/h	3223W	115V		1092mm	292mm
NHZ431216G400	11000Btu/h	3223W	115V		1092mm	292mm
NHZ431216G460	11000Btu/h	3223W	115V		1092mm	292mm
NHZ431216G500	11000Btu/h	3223W	115V		1092mm	292mm

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage	Number of Phases	Height	Width
NHZ431226G300	11000Btu/h	3223W	230V		1092mm	292mm
NHZ431226G360	11000Btu/h	3223W	230V		1092mm	292mm
NHZ431226G400	11000Btu/h	3223W	230V		1092mm	292mm
NHZ431226G460	11000Btu/h	3223W	230V		1092mm	292mm
NHZ431226G500	11000Btu/h	3223W	230V		1092mm	292mm
NHZ431246G300	11000Btu/h	3223W	460V	3	1092mm	292mm
NHZ431246G360	11000Btu/h	3223W	460V	3	1092mm	292mm
NHZ431246G400	11000Btu/h	3223W	460V	3	1092mm	292mm
NHZ431246G460	11000Btu/h	3223W	460V	3	1092mm	292mm
NHZ431246G500	11000Btu/h	3223W	460V	3	1092mm	292mm
NHZ360616G360	6000Btu/h	1757W	115V		914mm	292mm
NHZ360616G460	6000Btu/h	1757W	115V		914mm	292mm
NHZ360626G360	6000Btu/h	1757W	230V		914mm	292mm
NHZ360626G460	6000Btu/h	1757W	230V		914mm	292mm
NHZ360816G360	7800Btu/h	2286W	115V		914mm	292mm
NHZ360816G460	7800Btu/h	2286W	115V		914mm	292mm
NHZ360816G500	7800Btu/h	2286W	115V		914mm	292mm
NHZ360826G360	8500Btu/h	2489W	230V		914mm	292mm
NHZ360826G460	8500Btu/h	2489W	230V		914mm	292mm
NHZ360846G360					914mm	292mm

Catalog Number	Nominal Capacity Btu/h	Nominal Capacity Watts	Nominal Voltage	Number of Phases	Height	Width
NHZ360846G460	8500Btu/h	2489W	460V	3	914mm	292mm
NHZ431216G360	11000Btu/h	3223W	115V		1092mm	292mm

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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