

Altelix NS Series Steel Enclosures

- Rugged Corrosion-Resistant Steel Construction
- Sizes from 8x8x6 to 32x24x16

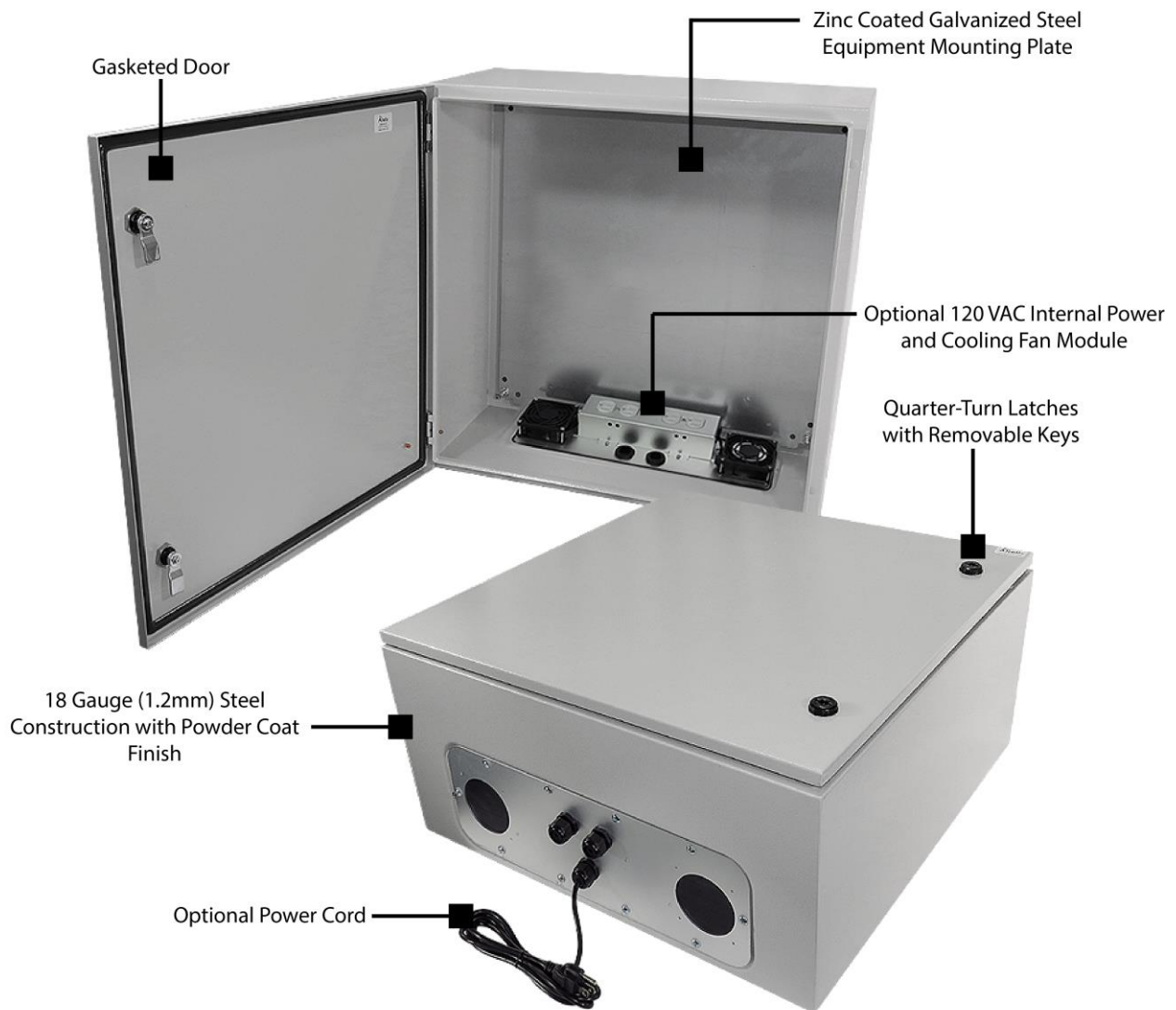


Overview

The Altelix NS Painted Steel Series Weatherproof NEMA Enclosures feature rugged, corrosion-resistant construction. These enclosures provide the ultimate protection for electrical and electronic instruments, industrial controls and components in environments such as agriculture processing facilities, refineries, marine applications and any location subject to frequent dirt and grime and generally wet conditions.

NS Series Enclosures

The Altelix NS Series Enclosures are constructed from rugged 0.05" (1.2mm) sheet steel and feature an epoxy polyester powder coat textured finish. The enclosure door is fully gasketed and features quarter-turn latches with keys. Included with each enclosure is a 0.05" (1.2mm) thick zinc coated galvanized steel equipment mounting plate. The NS Series Enclosures are available in sizes from 8x8x6 to 32x24x16.



Model #NS242412VFA1C Shown

24x24x12 - 120VAC w/Thermostat Controlled Cooling Fans

NS Series Steel Enclosures – Non-Powered Models

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction with light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure
- Removable access panel
- Includes 18 Gauge (1.2mm) zinc coated galvanized steel equipment mounting plate
- NEMA Type 4, 4X / IP66 rated

Model	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS080806P	7.90 x 7.90 x 5.90 (200 x 200 x 150)	4.38 x 4.38 x 4.38 (111 x 111 x 111)	6.0 (2.7)
NS100806P	9.85 x 7.88 x 5.90 (250 x 200 x 150)	6.38 x 4.38 x 4.38 (162 x 111 x 111)	6.8 (3.0)
NS121006P	11.81 x 9.85 x 5.90 (300 x 250 x 150)	8.25 x 6.25 x 4.75 (210 x 159 x 121)	9.3 (4.2)
NS161208P	15.75 x 11.81 x 7.85 (400 x 300 x 200)	12.00 x 8.13 x 6.25 (305 x 206 x 159)	14.7 (6.6)
NS161608P	15.75 x 15.75 x 7.85 (400 x 400 x 200)	12.00 x 12.06 x 6.25 (305 x 306 x 159)	18.4 (8.3)
NS201608P	19.69 x 15.75 x 7.85 (500 x 400 x 200)	15.94 x 12.06 x 6.25 (405 x 306 x 159)	21.7 (9.9)
NS241610P	23.62 x 15.75 x 9.82 (600 x 400 x 250)	19.87 x 12.06 x 8.22 (505 x 306 x 209)	27.9 (12.6)
NS242012P	23.62 x 19.69 x 11.79 (600 x 500 x 300)	20.00 x 16.00 x 10.25 (508 x 406 x 260)	35.3 (16.0)
NS242412P	23.63 x 23.63 x 11.79 (600 x 600 x 300)	20.00 x 20.00 x 10.25 (508 x 508 x 260)	41.3 (18.7)
NS242416P	23.63 x 23.63 x 15.72 (600 x 600 x 400)	20.00 x 20.00 x 14.13 (508 x 508 x 358)	45.9 (20.8)
NS282416P	27.50 x 23.63 x 15.72 (699 x 600 x 400)	24.00 x 20.00 x 14.13 (610 x 508 x 358)	50.0 (22.7)
NS322416P	31.50 x 23.63 x 15.72 (800 x 600 x 400)	28.00 x 20.00 x 14.13 (711 x 508 x 358)	63.0 (28.5)

*Interior dimensions represent maximum space available for equipment.



NS100806P



NS161608P



NS241610P



NS322416P

NS Series Steel Enclosures – Vented, Non-Powered Models

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction with light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure
- Removable access panel dual 3 inch vents and cable glands
- Includes 18 Gauge (1.2mm) zinc coated galvanized steel equipment mounting plate
- NEMA Type 3R, 3RX / IP24 rated

Model	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS161608VP	15.75 x 15.75 x 7.85 (400 x 400 x 200)	12.00 x 12.06 x 6.25 (305 x 306 x 159)	18.4 (8.3)
NS201608VP	19.69 x 15.75 x 7.85 (500 x 400 x 200)	15.94 x 12.06 x 6.25 (405 x 306 x 159)	21.7 (9.9)
NS241610VP	23.62 x 15.75 x 9.82 (600 x 400 x 250)	19.87 x 12.06 x 8.22 (505 x 306 x 209)	27.9 (12.6)
NS242012VP	23.62 x 19.69 x 11.79 (600 x 500 x 300)	20.00 x 16.00 x 10.25 (508 x 406 x 260)	35.3 (16.0)
NS242412VP	23.63 x 23.63 x 11.79 (600 x 600 x 300)	20.00 x 20.00 x 10.25 (508 x 508 x 260)	41.3 (18.7)
NS242416VP	23.63 x 23.63 x 15.72 (600 x 600 x 400)	20.00 x 20.00 x 14.13 (508 x 508 x 358)	45.9 (20.8)
NS282416VP	27.50 x 23.63 x 15.72 (699 x 600 x 400)	24.00 x 20.00 x 14.13 (610 x 508 x 358)	50.0 (22.7)
NS322416VP	31.50 x 23.63 x 15.72 (800 x 600 x 400)	28.00 x 20.00 x 14.13 (711 x 508 x 358)	63.0 (28.5)

*Interior dimensions represent maximum space available for equipment.



NS100806VP



NS201608VP



NS241610VP



NS242416VP

NS Series Steel Enclosures – 120VAC Powered Models

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction with light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure
- Removable Power Module with 120VAC outlets and 5 foot (1.5m) power cord
- Includes 18 Gauge (1.2mm) zinc coated galvanized steel equipment mounting plate
- NEMA Type 4, 4X / IP66 rated

Model	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS161608A1C	15.75 x 15.75 x 7.85 (400 x 400 x 200)	10.00 x 12.06 x 6.25 (254 x 306 x 159)	18.9 (8.5)
NS201608A1C	19.69 x 15.75 x 7.85 (500 x 400 x 200)	13.94 x 12.06 x 6.25 (354 x 306 x 159)	22.2 (10.0)
NS241610A1C	23.62 x 15.75 x 9.82 (600 x 400 x 250)	17.87 x 12.06 x 8.22 (454 x 306 x 209)	28.4 (12.9)
NS242012A1C	23.62 x 19.69 x 11.79 (600 x 500 x 300)	18.00 x 16.00 x 10.25 (457 x 406 x 260)	35.9 (16.2)
NS242412A1C	23.63 x 23.63 x 11.79 (600 x 600 x 300)	18.00 x 20.00 x 10.25 (457 x 508 x 260)	41.9 (19.0)
NS242416A1C	23.63 x 23.63 x 15.72 (600 x 600 x 400)	18.00 x 20.00 x 14.13 (457 x 508 x 358)	46.5 (21.2)
NS282416A1C	27.50 x 23.63 x 15.72 (699 x 600 x 400)	22.00 x 20.00 x 14.13 (559 x 508 x 358)	50.6 (22.9)
NS322416A1C	31.50 x 23.63 x 15.72 (800 x 600 x 400)	26.00 x 20.00 x 14.13 (660 x 508 x 358)	63.6 (28.8)

*Interior dimensions represent maximum space available for equipment.



NS161608A1C



NS201608A1C



NS241610A1C



NS322416A1C

NS Series Steel Enclosures – Vented, 120VAC Powered Models

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction with light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure
- Removable Power Module with 120VAC outlets, dual 3 inch vents and 5 foot (1.5m) power cord
- Includes 18 Gauge (1.2mm) zinc coated galvanized steel equipment mounting plate
- NEMA Type 3R, 3RX / IP24 rated

Model	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS161608VA1C	15.75 x 15.75 x 7.85 (400 x 400 x 200)	10.00 x 12.06 x 6.25 (254 x 306 x 159)	18.9 (8.6)
NS201608VA1C	19.69 x 15.75 x 7.85 (500 x 400 x 200)	13.94 x 12.06 x 6.25 (354 x 306 x 159)	22.2 (10.0)
NS241610VA1C	23.62 x 15.75 x 9.82 (600 x 400 x 250)	17.87 x 12.06 x 8.22 (454 x 306 x 209)	28.4 (12.9)
NS242012VA1C	23.62 x 19.69 x 11.79 (600 x 500 x 300)	18.00 x 16.00 x 10.25 (457 x 406 x 260)	35.9 (16.2)
NS242412VA1C	23.63 x 23.63 x 11.79 (600 x 600 x 300)	18.00 x 20.00 x 10.25 (457 x 508 x 260)	41.9 (19.0)
NS242416VA1C	23.63 x 23.63 x 15.72 (600 x 600 x 400)	18.00 x 20.00 x 14.13 (457 x 508 x 358)	46.5 (21.0)
NS282416VA1C	27.50 x 23.63 x 15.72 (699 x 600 x 400)	22.00 x 20.00 x 14.13 (559 x 508 x 358)	50.6 (22.9)
NS322416VA1C	31.50 x 23.63 x 15.72 (800 x 600 x 400)	26.00 x 20.00 x 14.13 (660 x 508 x 358)	63.6 (28.8)

*Interior dimensions represent maximum space available for equipment.



NS161608VA1C



NS201608VA1C



NS241610VA1C



NS322416VA1C

NS Series Steel Enclosures – Fan Cooled, 120VAC Powered Models

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction with light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure
- Removable Power/Fan Module with 120VAC outlets, (2) Thermostat Controlled Cooling Fans and 5 foot (1.5m) power cord
- Fans turn on when the internal temperature reaches 105°F (40°C) and turns off when it drops to 79°F (26°C)
- Includes 18 Gauge (1.2mm) zinc coated galvanized steel equipment mounting plate
- NEMA Type 3R, 3RX / IP24 rated

Model	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS161608VFA1C	15.75 x 15.75 x 7.85 (400 x 400 x 200)	10.00 x 12.06 x 6.25 (254 x 306 x 159)	19.9 (9.0)
NS201608VFA1C	19.69 x 15.75 x 7.85 (500 x 400 x 200)	13.94 x 12.06 x 6.25 (354 x 306 x 159)	23.2 (10.5)
NS241610VFA1C	23.62 x 15.75 x 9.82 (600 x 400 x 250)	17.87 x 12.06 x 8.22 (454 x 306 x 209)	29.4 (13.3)
NS242012VFA1C	23.62 x 19.69 x 11.79 (600 x 500 x 300)	18.00 x 16.00 x 10.25 (457 x 406 x 260)	36.9 (16.7)
NS242412VFA1C	23.63 x 23.63 x 11.79 (600 x 600 x 300)	18.00 x 20.00 x 10.25 (457 x 508 x 260)	42.9 (19.5)
NS242416VFA1C	23.63 x 23.63 x 15.72 (600 x 600 x 400)	18.00 x 20.00 x 14.13 (457 x 508 x 358)	47.5 (21.5)
NS282416VA1C	27.50 x 23.63 x 15.72 (699 x 600 x 400)	22.00 x 20.00 x 14.13 (559 x 508 x 358)	51.6 (23.4)
NS322416VFA1C	31.50 x 23.63 x 15.72 (800 x 600 x 400)	26.00 x 20.00 x 14.13 (660 x 508 x 358)	64.6 (29.3)

*Interior dimensions represent maximum space available for equipment.



NS161608VFA1C



NS241610VFA1C



NS242012VFA1C



NS322416VFA1C

NS Series Steel DIN Rail Enclosures – Non-Powered Models

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction with light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure
- Removable access panel
- Includes (2) DIN mounting rails and (2) 35mm top hat DIN rails
- NEMA Type 4, 4X / IP66 rated

Model	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS100806-DIN	9.85 x 7.88 x 5.90 (250 x 200 x 150)	6.38 x 4.38 x 4.38 (162 x 111 x 111)	6.8 (3.0)
NS121006-DIN	11.81 x 9.85 x 5.90 (300 x 250 x 150)	8.25 x 6.25 x 4.75 (210 x 159 x 121)	9.3 (4.2)
NS161208-DIN	15.75 x 11.81 x 7.85 (400 x 300 x 200)	12.00 x 8.13 x 6.25 (305 x 206 x 159)	14.7 (6.6)
NS161608-DIN	15.75 x 15.75 x 7.85 (400 x 400 x 200)	12.00 x 12.06 x 6.25 (305 x 306 x 159)	18.4 (8.3)
NS201608-DIN	19.69 x 15.75 x 7.85 (500 x 400 x 200)	15.94 x 12.06 x 6.25 (405 x 306 x 159)	21.7 (9.9)
NS241610-DIN	23.62 x 15.75 x 9.82 (600 x 400 x 250)	19.87 x 12.06 x 8.22 (505 x 306 x 209)	27.9 (12.6)
NS242012-DIN	23.62 x 19.69 x 11.79 (600 x 500 x 300)	20.00 x 16.00 x 10.25 (508 x 406 x 260)	35.3 (16.0)
NS242412-DIN	23.63 x 23.63 x 11.79 (600 x 600 x 300)	20.00 x 20.00 x 10.25 (508 x 508 x 260)	41.3 (18.7)
NS242416-DIN	23.63 x 23.63 x 15.72 (600 x 600 x 400)	20.00 x 20.00 x 14.13 (508 x 508 x 358)	45.9 (20.8)

*Interior dimensions represent maximum space available for equipment.



NS100806-DIN



NS161608-DIN



NS241610-DIN



NS242416-DIN

NS Series Steel DIN Rail Enclosures – Fan Cooled, 120VAC Powered Models

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction with light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure
- Removable Power/Fan Module with 120VAC outlets, (2) Thermostat Controlled Cooling Fans and 5 foot (1.5m) power cord
- Fans turn on when the internal temperature reaches 105°F (40°C) and turns off when it drops to 79°F (26°C)
- Includes (2) DIN mounting rails and (2) 35mm top hat DIN rails
- NEMA Type 3R, 3RX / IP24 rated

Model	Exterior Dimensions H x W x D Inches (mm)	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS161608VFA1C-DIN	15.75 x 15.75 x 7.85 (400 x 400 x 200)	10.00 x 12.06 x 6.25 (254 x 306 x 159)	19.9 (9.0)
NS201608VFA1C-DIN	19.69 x 15.75 x 7.85 (500 x 400 x 200)	13.94 x 12.06 x 6.25 (354 x 306 x 159)	23.2 (10.5)
NS241610VFA1C-DIN	23.62 x 15.75 x 9.82 (600 x 400 x 250)	17.87 x 12.06 x 8.22 (454 x 306 x 209)	29.4 (13.3)
NS242012VFA1C-DIN	23.62 x 19.69 x 11.79 (600 x 500 x 300)	18.00 x 16.00 x 10.25 (457 x 406 x 260)	36.9 (16.7)
NS242412VFA1C-DIN	23.63 x 23.63 x 11.79 (600 x 600 x 300)	18.00 x 20.00 x 10.25 (457 x 508 x 260)	42.9 (19.5)
NS242416VFA1C-DIN	23.63 x 23.63 x 15.72 (600 x 600 x 400)	18.00 x 20.00 x 14.13 (457 x 508 x 358)	47.5 (21.5)

*Interior dimensions represent maximum space available for equipment.



NS161608VFA1C-DIN



NS241610VFA1C-DIN



NS242012VFA1C-DIN



NS242416VFA1C-DIN

NS Series Steel 19" Equipment Rack Enclosures

Overview:

The Altelix NS Series Weatherproof Equipment Rack Enclosures are ideal for protecting rack mountable equipment from harsh environments and tampering. They feature a standard 19" wide 4U or 6U equipment racks and are designed to accommodate a wide range of equipment such as network switches, rack mount audio/video equipment and most other rack mountable equipment.

Features:

- Continuous seam welded 18 Gauge (1.2mm) steel construction
- Epoxy polyester textured light gray powder coat finish
- Fully gasketed door with reinforced hinges and quarter-turn latches to secure the enclosure

Model	Description	Interior Dimensions* H x W x D Inches (mm)	Weight lbs. (kg)
NS242412VFA1C-RV4U	24x24x12 Enclosure with 120VAC, Dual Cooling Fans and 19" 4U Vertical Equipment Rack	23.63 x 23.63 x 11.79 (600 x 600 x 300)	45.4 (20.6)
NS242416A1C-R6U	24x24x16 Enclosure with 120VAC and 19" 6U Equipment Rack	23.63 x 23.63 x 15.72 (600 x 600 x 400)	58.0 (26.3)
NS242416VFA1C-R6U	24x24x16 Enclosure with 120VAC, Dual Cooling Fans and 19" 6U Equipment Rack	23.63 x 23.63 x 15.72 (600 x 600 x 400)	59.0 (26.7)



NS242412VFA1C-RV4U



NS242416A1C-R6U



NS242416VFA1C-R6U

**Rack Mount Equipment
Shown for Reference, Not
Included.**

Power Modules for NS Series Steel Enclosures

Overview:

These Power Modules are designed for use with the Altelix NS Series Steel Enclosures. They are a direct replacement for the steel access panels included with the non-powered models.

Model	Description	For Use With
NHM16A-A1C	120VAC Power Module with Power Cord	NS161608, NS201608 & NS241610
NHM16A-VA1C	120VAC Vented Power Module with Power Cord	NS161608, NS201608 & NS241610
NHM16A-FA1C	120VAC Vented Power Module with Dual Cooling Fans and Power Cord	NS161608, NS201608 & NS241610
NHM20A-A1C	120VAC Power Module with Power Cord	NS242012, NS242412, NS242416, NS282416 & NS322416
NHM20A-VA1C	120VAC Vented Power Module with Power Cord	NS242012, NS242412, NS242416, NS282416 & NS322416
NHM20A-FA1C	120VAC Vented Power Module with Dual Cooling Fans and Power Cord	NS242012, NS242412, NS242416, NS282416 & NS322416



NHM16A-A1C



NHM16A-FA1C



NHM20A-VA1C



NHM20A-FA1C

Aluminum Access Panels for NS Series Steel Enclosures

Overview:

These Access Panels are a direct replacement for the steel access panels included with the NS enclosures. They are constructed from 0.10" (2.5mm) thick aluminum and featuring a textured finish.

Model	Description	For Use With
NHM08A-00	Blank Aluminum Access Panel	NS080806 & NS100806
NHM10A-00	Blank Aluminum Access Panel	NS121006
NHM12A-00	Blank Aluminum Access Panel	NS161208
NHM16A-00	Blank Aluminum Access Panel	NS161608, NS201608 & NS241610
NHM20A-00	Blank Aluminum Access Panel	NS242012, NS242412, NS242416, NS282416 & NS322416
NHM16A-V	Vented Aluminum Access Panel with (2) Cable Glands	NS161608, NS201608 & NS241610
NHM20A-V	Vented Aluminum Access Panel with (3) Cable Glands	NS242012, NS242412, NS242416, NS282416 & NS322416



NHM10A-00



NHM20A-00



NHM16A-V



NHM20A-V