

24x24x24 Steel Weatherproof NEMA Enclosure with 19" Wide Adjustable 8U Rack, Dual 85°F Turn-On Cooling Fans, 120 VAC Power Outlets and Power Cord



Features

- Includes Heavy Duty Steel 19" 8U Rack Frame with Adjustable Depth
- Vented Rack Frame Design Ensures Maximum Air Flow Around Installed Equipment
- Extendable Rack Adjusts from 12.3" to 20.3" Deep
- Dual Thermostat Controlled 85°F Turn-On Cooling Fans
- Removable Power Module with (4) 120VAC Outlets and 5 Ft. Power Cord
- Heavy Duty Continuous Seam Welded 18 Gauge Steel Construction
- Meets NEMA 3R, 3RX and IP24
- Epoxy Polyester Textured Light Gray Powder Coat Finish
- Dual Quarter-Turn Door Latches with Removable Keys
- Optional Keyed Lock Set Latch and Padlock Latch Available

Description

The Altelix **NS242424VFA1C-85-R8U** Steel Fan Cooled Weatherproof NEMA Enclosure with 120VAC Power and Equipment Plate is ideal for protecting rack mountable equipment from harsh environments and tampering. Equipment designed for indoor use can now be located outside.

Construction and Features

This rugged enclosure features continuous seam welded 18 Gauge (1.2mm thick) steel construction. The enclosure door is fully gasketed making this enclosure suitable for use indoors or outdoors. The door features reinforced hinges and dual quarter-turn latches to secure the enclosure. Internal grounding studs are provided on both the door and enclosure. Both the enclosure and door are finished in a rugged epoxy polyester textured light gray powder coat finish.

Removable Power and Fan Module

The NS242424VFA1C-85-R8U features a removable power and fan module that attaches to the bottom of the enclosure. Constructed of rugged aluminum, this can be easily removed for servicing and is fully gasketed to ensure a proper seal. This power module features two pre-wired duplex 120VAC power outlets (4 outlets total) and a pre-wired 5 foot power cord, so no additional wiring is required.

85°F Turn-On Cooling Fans

The NS242424VFA1C-85-R8U is designed for applications which require the cooling fans to turn on at a lower temperature than our standard fan cooled enclosures. The low noise, high airflow fans help maintain lower internal temperatures by allowing air to be either pushed or pulled through the enclosure. The fans turn on when the internal temperature reaches 85°F (30°C) and turns off when it drops to 59°F (15°C). Both fans are wired internally so they do not require the use of the AC outlets leaving them available for internal equipment use.

Internal 8U 19" Adjustable Equipment Rack Frame

The NS242424VFA1C-85-R8U features a standard 19" 8U equipment rack frame with adjustable depth. It is designed to accommodate a wide range of equipment such as network switches, rack mount audio/video equipment and most other rack mountable equipment. Featuring heavy duty powder coated 15 gauge steel construction, the vented design of this 8U rack frame ensures maximum air flow around installed equipment. The rack frame mounts to a 18 Gauge (1.2mm thick) galvanized steel plate which can also be drilled and modified by the installer to unique site requirements.

Installation Note: This 8U rack has an adjustable depth from 12.3" (313.7mm) to 20.3" (516.9mm). Before ordering, please check the dimensions of the equipment to be installed to ensure proper fit.

Mounting

Mounting holes are provided inside the enclosure for mounting to a wall or other structure. For pole mounting Altelix has available optional pole mount kits. These heavy-duty kits feature (2) 14 gauge steel mounting brackets and (2) heavy-duty 19 gauge 304 stainless steel adjustable bands which can be used to mount to poles from 4.5" (114.3mm) to 16" (406.4mm) in diameter.

Specifications

Material	Continuous Seam Welded 18 Gauge (1.2 mm) Steel
Color	Light Gray (RAL 7035)
Voltage / Max. Load	120VAC / 10A @ 120VAC
Cooling Fans Turn-On Temperature	85°F (30°C)
Cooling Fans Turn-Off Temperature	59°F (15°C)
Outer Dimensions (Height x Width x Depth)	23.6 x 23.6 x 23.6 Inches (600 x 600 x 600 mm)
Inner Dimensions (Height x Width x Depth)	19.7 x 20.0 x 22.0 Inches (502 x 508 x 559 mm)
Rack Frame	19 inch Width 8U
Rack Frame Weight Capacity	75 lbs. (34kg)
Minimum Rack Depth	12.3 inch (313.7mm)
Maximum Rack Depth	20.3 inch (516.9mm)
Equipment Mounting Plate Material	18 Gauge (1.2 mm) Zinc Coated Galvanized Steel
Equipment Mounting Plate Dimensions	22.2 x 21.6 In. (565 x 550 mm)
Weight	77.9 lbs. (35.3 kg)
Power Cord Length	5 Feet (1.5m)
Ratings*	Meets or Exceeds NEMA 3R, 3RX and IP24



Note: Maximum depth of rack frame may be limited due to depth of enclosure.