

14x12x6 Fiberglass Weatherproof Vented NEMA Enclosure with 120 VAC Outlets, Power Cord and Adjustable Cooling Fan



Features

Shown with Removable Power Cord Installed

- Adjustable Cooling Fan Control - Sets the cooling fan's turn-on temperature
- Rotatable 120VAC Power Outlets - Accommodates plug-in power supplies of various shapes and sizes
- Flexible Power Integration - Includes a pre-installed 3/4" liquid-tight conduit connector as well as a 5-foot power cord pre-terminated with a terminal block connector for easy installation or removal
- Two rain shields and screens to help prevent water from entering the enclosure
- Aluminum equipment mounting plate
- Gasketed lid with stainless steel hinge and quick release latches with padlock hasps
- Fiberglass reinforced polyester, FRP
- Weatherproof, UV stable and highly corrosion resistant
- NEMA Type 3R, 3RX / IP24 Rated
- Includes cable glands and stainless steel mounting feet
- RF transparent enclosure
- Pole mounting kits available

Description

The **Altelix NF141206VFA1C-A** Fan Cooled Vented NEMA Enclosure is designed for demanding environments and mission-critical applications. It delivers enhanced functionality, smarter cooling, and greater installation flexibility—making it the ideal choice for professionals in telecom, networking, and industrial control.

Precision Cooling with Adjustable Fan Control

This enclosure features an adjustable fan control now located directly on the equipment mounting plate. This intuitive new feature allows the user to manually set the cooling fan's turn-on temperature from 30°F (-1°C) to 140°F (30°C), giving precise control over thermal management based on specific equipment needs. Whether you're housing sensitive electronics or high-power devices, this smart cooling solution helps extend equipment life and maintain optimal performance. Rain shrouds located on the lid of the enclosure keep rainwater from entering while allowing ventilation for installed equipment. The cooling fan is wired internally, leaving all 3 power outlets available for installed equipment.

Simplified Power Integration

For permanent installations which require hard wiring of the power the enclosure features a pre-installed ¾" liquid-tight conduit fitting, ensuring a secure and weather-resistant connection. A removable terminal block inside the enclosure simplifies on-site wiring. Also included is a 5-foot, 3-prong power cord, which is pre-terminated with a terminal block connector. This allows for easy attachment to the internal power terminal block, streamlining setup and making power integration both flexible and efficient.

Flexible Power Outlet Configuration

Inside the enclosure, you'll find three pre-wired power outlets mounted on the equipment mounting plate—but with a twist. These outlets are rotatable, making it easy to accommodate plug-in power supplies of various shapes and sizes. This small but powerful feature helps eliminate cable clutter and improves accessibility during setup and maintenance.

Extreme Protection Built to Last

This rugged JIC style NEMA box is molded from durable UV stable and corrosion resistant fiberglass reinforced polyester (FRP) with a UL94-5V flame rating. The FRP material is dent-proof, non-conductive and RF transparent for compatibility with wireless equipment. It can be easily drilled and modified by the installer as needed. It features a gasketed door with stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The generous size of this enclosure accommodates a wide range of equipment.

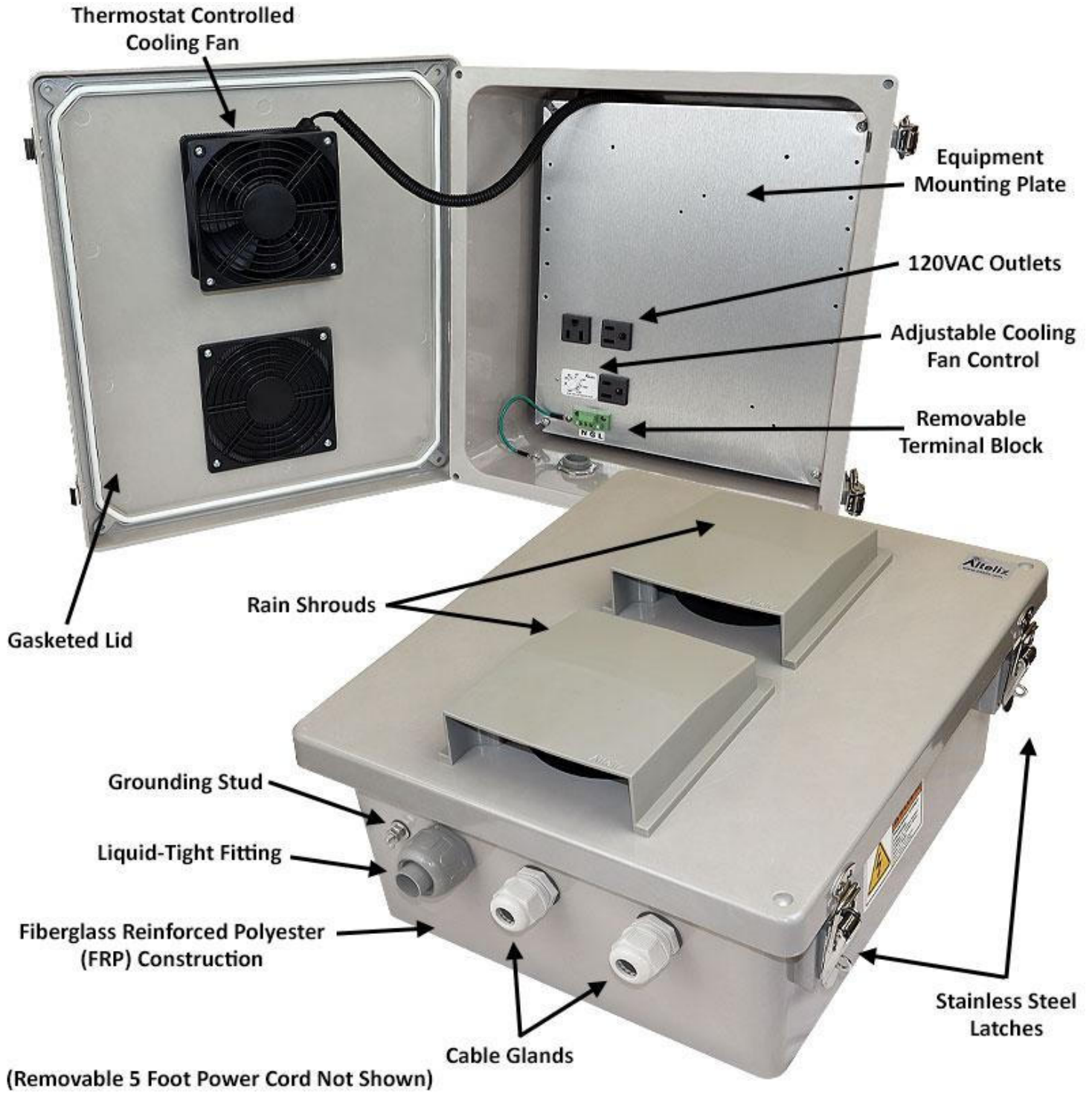
Cable Glands

The enclosure features two unique PG-16 cable glands with a closed inner seal. They are installed in the open ports to maintain the NEMA rating of the enclosure when not in use. When required for use, simply punch a hole through the inner membrane, run your cables and tighten for a water-tight seal.

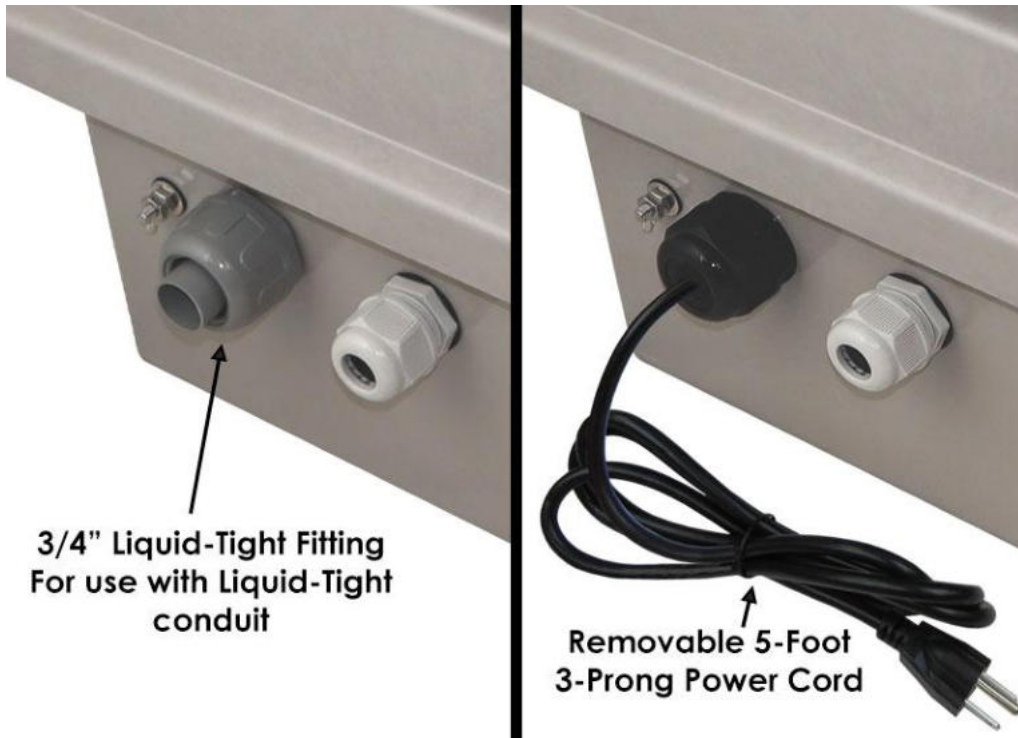
Mounting

Stainless steel brackets are included for secure wall mounting. Optional flange and pole mounting kits are available. See available accessories when adding to cart.

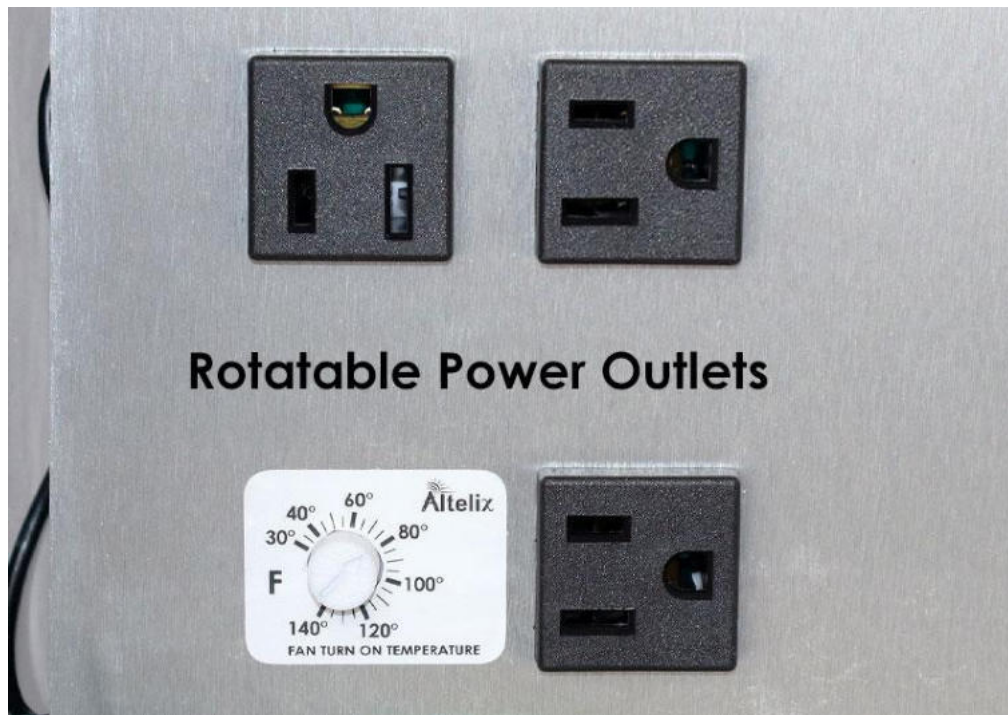
Product Photos



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Specifications

Material	Fiberglass Reinforced Polyester
Color	Gray
Voltage	120VAC
Max Load	10A @ 120VAC
Cooling Fan Turn-On Temperature Range	30°F (-1°C) to 140°F (60°C)
Outer Dimensions	15.7 x 13.8 x 8.0 Inches (401 x 352 x 205 mm)
Inner Dimensions*	13.0 x 11.0 x 2.7 Inches (330 x 279 x 69 mm)
Mounting Plate Material	0.10 in (2.5 mm) Aluminum
Mounting Plate Dimensions	10.9 x 12.8 in. (276 x 324 mm)
Weight	12.0 lbs. (5.4 kg)
Power Cord Length	5 Feet (1.5m)
Terminal Block Wire Range / Strip Length	12-18 AWG / 6-7mm
Ratings	NEMA Type 3R, 3RX / IP24
Flame Rating	UL94-5V

*See drawing for detailed dimensions of maximum space available for equipment.

