17x14x9 Polycarbonate+ABS Windowed Weatherproof NEMA Enclosure with Cooling Fan, 120VAC Outlets and Power Cord

Altelix
Think Inside The Box™

NP171409WXVFA1C

Features

- Transparent polycarbonate window in lid provides visibility to installed equipment while enclosure is closed
- Thermostat controlled cooling fan to help expel heat
- Dual vents with rain shields and screens
- Internal pre-wired 120VAC power outlets and 5 foot 3-prong power cord
- Available with aluminum or PVC equipment mounting plates
- Durable Polycarbonate + ABS construction, weatherproof and UV stable
- Meets NEMA 3R, 3RX and IP24
- Extra deep gasketed lid with dual stainless steel latches
- Tamper-Proof locking screw with key and provision for padlock
- Can be mounted using external mounting feet or internal mounting feet
- RF transparent for wireless devices
- Includes (2) locking keys, cable grommets, cable glands, zip ties, hook-n-loop tape and wall mounting hardware
- Optional pole mount kits available

Description

The **Altelix NP171409WXVFA1C Fan Cooled Vented Windowed NEMA Enclosure** is simple to install because no wiring is required. Simply mount the enclosure and plug the pre-wired 5 foot power cord into a nearby outlet. The power cord can be removed and the power receptacle hard-wired by a qualified installer.

Available with (2) or (4) 120VAC Power Outlets - This enclosure is available with either (2) or (4) internal pre-wired 120VAC power outlets used to provide power to installed equipment. Mounted to the bottom of the enclosure they do not interfere with area used for installing equipment.

Polycarbonate Viewing Window - This enclosure features a 4x6 inch viewing window installed in the lid which allows visibility to installed equipment while the enclosure lid is close. The operational status of installed equipment can easily be confirmed since indicator lights can be viewed without opening the enclosure. Constructed from transparent polycarbonate, this viewing window is UV resistant and will not yellow. A silicone gasket helps prevent water from entering the enclosure.

Cooling Fan Ventilation - The NP171409WXVFA1C features dual vents and a thermostat controlled cooling fan. The low noise, high airflow fan helps maintain lower internal temperatures. The fan is wired internally so it does not require the use of the AC outlets leaving them available for internal equipment use. Rain shrouds on the front door keep rainwater from entering the enclosure.

Equipment Mounting Options - Raised bosses located in the base of this enclosure can be used to mount an equipment plate. These same bosses can also be used to install Altelix's 35mm Top Hat DIN Rail kits (sold separately). Up to (5) DIN Rail kits can be installed into the enclosure base. A large flat section in the base is also provided for use with the hook-n-loop tape included in the accessory kit.

In addition, this enclosure can be purchased with either an **Aluminum** or **Non-Metallic PVC** equipment mounting plate. The aluminum equipment mounting plate can be easily drilled and modified by the installer. Ideal for wireless applications, the RF transparent PVC equipment mounting plate features a No-Drill design. Mounting radios and other equipment can be easily done simply by using self-tapping screws.
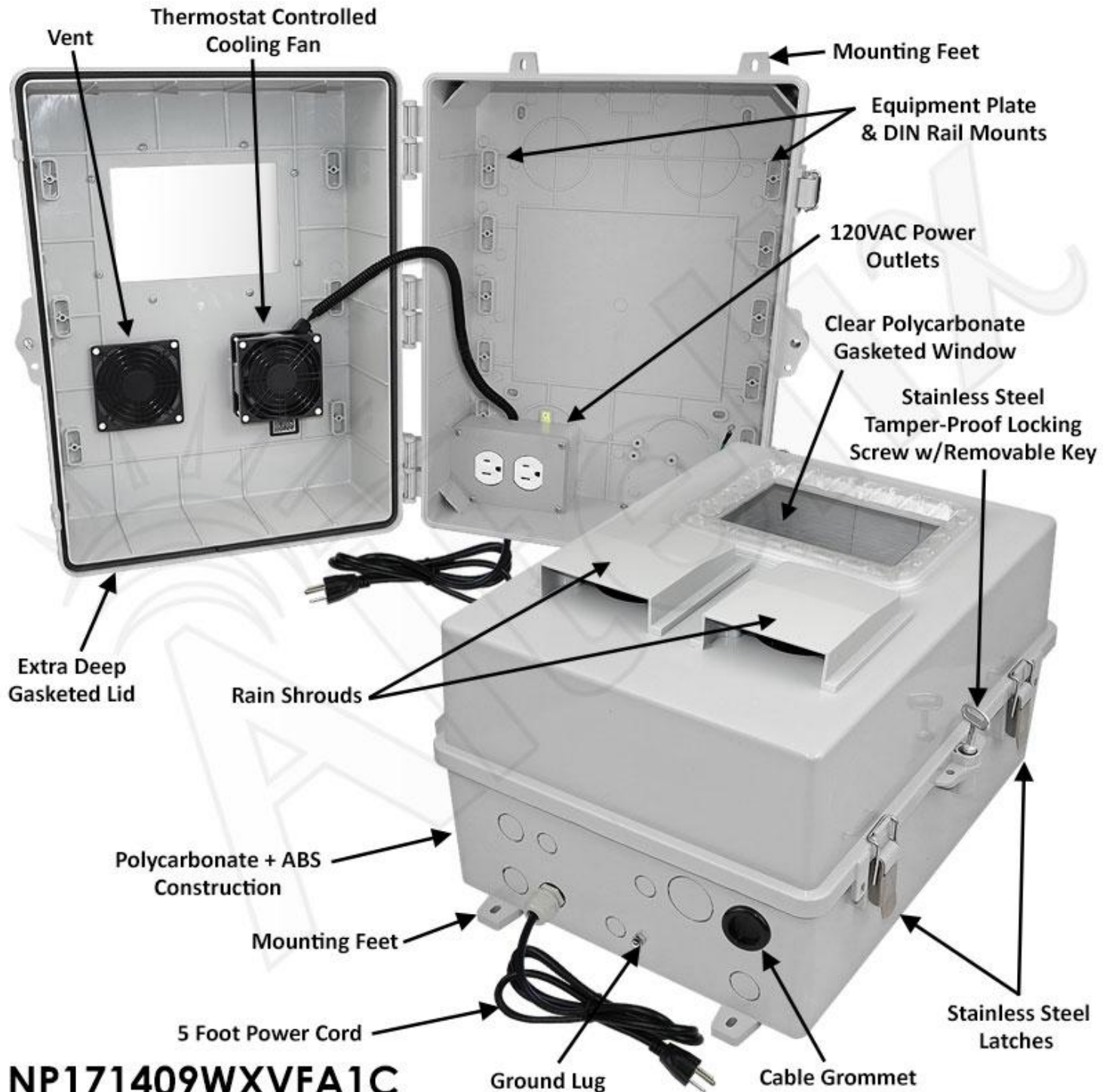
Secure Your Equipment - These NP series enclosures feature dual stainless steel quick release latches. A stainless steel security screw with keys and a provision for a padlock are also provided.

Polycarbonate + ABS Protection Built to Last - This enclosure is molded out of UV resistant Polycarbonate + ABS, an industrial grade plastic with greater strength and durability than standard ABS. This enclosure can be easily drilled and modified by the installer to suit unique site requirements.

Complete with Cable Grommets and Wire Management Accessories - This enclosure includes an assortment of cable grommets and cable glands that can be installed in the knock-out holes for a weather resistant seal. Also included in the accessory kit are wall anchors, zip ties, wire management loops, hook-n-loop tape, ground wire, (2) door locking keys and more.

Multiple Mounting Options - This enclosure features (4) external mounting feet which can be used for wall mounting or with our optional pole mounting kit. Mounting points are also provided inside the enclosure. These can be easily drilled out and used for applications requiring a more secure installation.
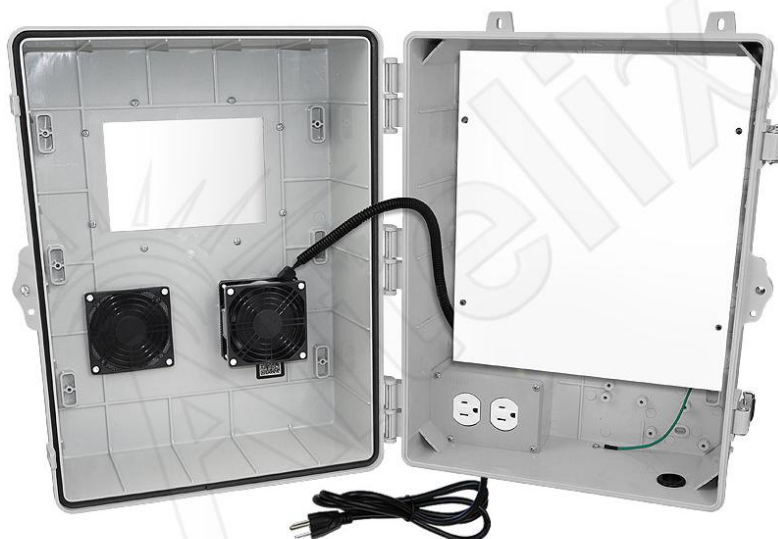
Product Photos

Vent

Thermostat Controlled Cooling Fan

Mounting Feet

Equipment Plate & DIN Rail Mounts

120VAC Power Outlets

Clear Polycarbonate Gasketed Window

Stainless Steel Tamper-Proof Locking Screw w/Removable Key

Extra Deep Gasketed Lid

Rain Shrouds

Polycarbonate + ABS Construction

Mounting Feet

5 Foot Power Cord

Ground Lug

Cable Grommet

Stainless Steel Latches

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Product Photos – Equipment Mounting Plate Options

NP171409WXVFA1C

NP171409WXVMFA1C
w/Non-Metallic No-Drill PVC Equipment
Mounting Plate

NP171409WXVPFA1C
w/Aluminum Equipment Mounting Plate

Specifications

Material	PC+ABS Polycarbonate / ABS Blend
Color	Gray
Voltage	120VAC
Max. Load	10A @ 120VAC
Cooling Fan Turn-On Temperature	100°F (38°C) ±6°F
Cooling Fan Turn-Off Temperature	79°F (26°C) ±9°F
Outer Dimensions	17.1 x 13.6 x 10.5 Inches (435 x 347 x 266 mm)
Inner Dimensions	11.8 x 9 x 7.3 inches (299 x 228 x 185 mm)
Weight	7.7 lbs. (3.4 kg)
Power Cord Length	5 Feet (1.5m)
Ratings	Meets NEMA 3R, 3RX and IP24
Flame Rating	Meets UL94-V0
Industry Certifications	CE
Knock-Out Sizes	(4) 0.62 in. (16 mm) (4) 1.02 in. (26 mm) (1) 1.30 in. (33 mm)

Optional PVC Equipment Mounting Plate	
Mounting Plate Material	0.40 in. (10 mm) PVC
Mounting Plate Size	11.8 x 10.6 in. (299 x 269 mm)

Optional Aluminum Equipment Mounting Plate	
Mounting Plate Material	0.06 in. (1.5 mm) Aluminum
Mounting Plate Size	11.8 x 10.6 in. (299 x 269 mm)