NF162009

Altelix 16x20x9 Fiberglass Weatherproof NEMA Enclosure – Vented or Non-Vented







Features

- **Water-Resistant JIC Enclosure Design with Flat Gasketed Lid**
- **Fiberglass Reinforced Polyester (FRP) Construction**
- **Weatherproof, UV Stable and Highly Corrosion Resistant**
- **Vented and Non-Vented Configurations**
- **Non-Vented Models Rated NEMA 4X / IP66**
- **Vented Models Rated NEMA 3R / 3RX / IP24**
- **Raised Bosses with Threaded Brass Inserts for Mounting Plates and DIN Rail**
- **Stainless Steel Hinges with 316 Stainless Steel Hinge Pins**
- **Stainless Steel Quick-Release Latches with Padlock Hasps**
- **RF Transparent and Non-Conductive**
- **Includes Stainless Steel Wall Mounting Feet**
- **Optional Pole Mount Available**

Altelix LLC USA: 866-660-9434 +1 561-660-9434 sales@altelix.com www.altelix.com
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Description

Extreme Protection Built to Last

The **Altelix 16x20x9 Fiberglass Enclosure** is molded from durable and UV-resistant fiberglass reinforced polyester (FRP) with a UL94-5V flame rating. This rugged NEMA box features improved stainless steel hinges with high-quality 316 stainless steel hinge pins for lasting durability in even the harshest coastal conditions. The flat gasketed lid is secured with stainless steel quick-release latches with padlock hasps.

This JIC-style enclosure is dent-proof, corrosion-resistant and UV stable. The FRP material is non-conductive and RF transparent, making it suitable for use in harsh indoor and outdoor environments. It can be drilled and modified by the installer to suit unique site requirements. Six raised bosses with threaded brass inserts are provided inside the enclosure for mounting equipment plates, DIN rail brackets and other equipment.

Vented and Non-Vented Options

These enclosures are available in vented and non-vented configurations to suit different equipment and environmental requirements. Non-vented models provide NEMA 4X / IP66 protection, while vented models allow passive airflow and are rated NEMA 3R / 3RX / IP24.

Weatherproof Protection

Non-vented configurations provide **NEMA 4X / IP66** protection against rain, dust and water intrusion. Vented configurations are rated **NEMA 3R / 3RX / IP24**, providing weather protection while allowing passive airflow through the enclosure.

Mounting

Stainless steel brackets are included for secure wall mounting. Optional flange and pole mounting kits are available.

Customization

We offer custom enclosures for WiFi equipment, DIN Mount Industrial Controls, Telephone Call Boxes, IP Phones, Security & Safety, Building Automation and More. Options include equipment mounting plates, DIN rails, AC/DC power, vents, cooling fans, heaters. We also offer full customization, engineering and on-site CNC machining of enclosures and associated equipment, all with quick turnaround time. Please contact us with your unique requirements.

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Product Images



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Product Images



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Specifications

Specifications	NF162009	NF162009V
Configuration	Non-Vented No Mounting Plate	Vented No Mounting Plate
Material	Fiberglass Reinforced Polyester	Fiberglass Reinforced Polyester
Color	Gray	Gray
Outer Dimensions (L x W x D)	17.89 x 21.79 x 9.25 Inches (454 x 553 x 235 mm)	17.89 x 21.79 x 10.44 Inches (454 x 553 x 265 mm)
Inner Dimensions* (L x W x D)	15.38 x 19.38 x 8.5 Inches (391 x 492 x 216 mm)	15.38 x 19.38 x 8.5 Inches (391 x 492 x 216 mm)
Weight	16.1 lbs. (7.3 kg)	16.7 lbs. (7.6 kg)
Ratings	NEMA Type 4, 4X / IP66	NEMA Type 3R, 3RX / IP24
Flame Rating	UL94-5V	UL94-5V
Industry Certifications	CE	CE

*Interior dimensions represent maximum space available for equipment.

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