



## Features

- (2) 4" Vents with Rain Shields and Screens
- 24 VDC Thermostat Controlled Cooling Fan
- Heavy Duty Fiberglass Reinforced Polyester (FRP) Construction
- Aluminum Equipment Mounting Plate
- DC Power Terminal
- Dual Quarter-Turn Door Latches with Removable Keys
- (4) Mounting Feet Included
- NEMA Type 3R, 3RX / IP24 Rated
- Optional Lockable Latch Sets Available

## Description

The **Altelix NFC161208VFD2** enclosure is molded from durable and UV resistant fiberglass reinforced polyester (FRP). The door is fully gasketed making this enclosure suitable for use indoors or outdoors. The lockable door features reinforced hinges and dual quarter-turn latches to secure the enclosure and is locked and unlocked using the included removable keys. A drip rail over the door provides additional protection against water dripping into the cabinet while the enclosure is wet.

This enclosure can be powered from 24VDC solar and battery power sources and features a DC power terminal strip for easy wiring.

**Aluminum Equipment Mounting Plate** - This configuration consists of the fiberglass NEMA enclosure with hinged lid and a 0.08" (2.0mm) thick aluminum plate for mounting and securing equipment. The enclosure and plate can be drilled and modified by the installer to suit unique site requirements.

**24 VDC Cooling Fan Ventilation** - This enclosure features 4" vents with a thermostat-controlled 24 VDC cooling fan. The low noise, high airflow fan helps maintain lower internal temperatures. Rain shrouds on the front door keep rainwater from entering the enclosure.

**Mounting** - Four mounting feet are included so that the enclosure can be securely mounted to a wall or other structure. Optional flange and pole mounting kits are available.

**Optional Lockable Latches** - For additional protection of internal equipment installed, optional keyed latch sets are available. These optional lockable latches are direct replacements for the standard quarter-turn latches that come pre-installed in the enclosure.

## Specifications

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|---|---|
| <b>Material</b>                                   | Fiberglass Reinforced Polyester               |
| <b>Color</b>                                      | Light Gray                                    |
| <b>Voltage</b>                                    | 24VDC   |
| <b>Outer Dimensions</b> (Height x Width x Depth)  | 15.7 x 11.9 x 9.4 Inches (399 x 302 x 239 mm) |
| <b>Inner Dimensions*</b> (Height x Width x Depth) | 10.5 x 10.2 x 5.0 Inches (267 x 260 x 127 mm) |
| <b>Cooling Fans Turn-On Temperature</b>           | 100°F (38°C)                                  |
| <b>Cooling Fans Turn-Off Temperature</b>          | 79°F (26°C)                                   |
| <b>Equipment Plate Material</b>                   | 0.08 In. (2.0 mm) Aluminum                    |
| <b>Equipment Plate Dimensions</b>                 | 9.7 x 13.9 In. (246 x 353 mm)                 |
| <b>Weight</b>                                     | 11.1 lbs. (5.0 kg)                            |
| <b>Ratings</b>                                    | NEMA Type 3R, 3RX / IP24                      |

\*Interior dimensions represent maximum space available for equipment.