



Features

- Provide equipment cooling while maintaining NEMA 4X /IP66 protection
- 360 BTU air conditioning system with programmable digital temperature controller
- Externally mounted A/C unit to maximize interior space
- Maintenance free A/C with no moving components, no compressor, refrigerant or filters
- Reliable solid-state construction with long life span
- Digital controller features programmable Under/Over temperature alarms
- (4) Pre-wired 120VAC power outlets
- 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
- Aluminum equipment mounting plate
- Fiberglass reinforced polyester, FRP
- Weatherproof, UV stable and highly corrosion resistant
- NEMA Type 4, 4X / IP66 Rated
- Includes cable glands and stainless steel mounting feet
- Optional pole and wall mounts kits available

Description

The **Altelix NF141208A1C-AZ** Air Conditioned Weatherproof NEMA 4X Enclosure is ideal for protecting sensitive equipment from harsh environments and tampering. The digitally controlled air conditioning system helps maintain optimal internal temperatures so internally mounted equipment can operate at peak performance. This enclosure is designed for both indoor and outdoor applications.

Maintenance Free Air Conditioning System - The NF141208A1C-AZ features a digitally controlled conditioning system. Mounted externally on the enclosure to maximize interior space, this system provides 360 BTU of cooling. Operation of this system is done via a programmable digital temperature controller. Air conditioning Turn-On/Turn-Off temperatures can be programmed within a set range temperature set by the user. The entire system is housed in a rugged powder coated steel housing and is mounted to the front of the enclosure. Power for this system is provided by one of the four internal 120VAC power outlets. An external drain on the air-conditioner unit is provided to direct any condensation to outside the enclosure.

Designed to be maintenance free, this Air-Conditioning system features no moving components (except for fan), no compressor, refrigerant or filters to be changed. The reliable solid-state construction ensures a long operational life span.

Thermal Insulation - To help maintain internal temperatures, this enclosure features 0.50 inch (12.7mm) thick insulation attached to the interior of the enclosure.

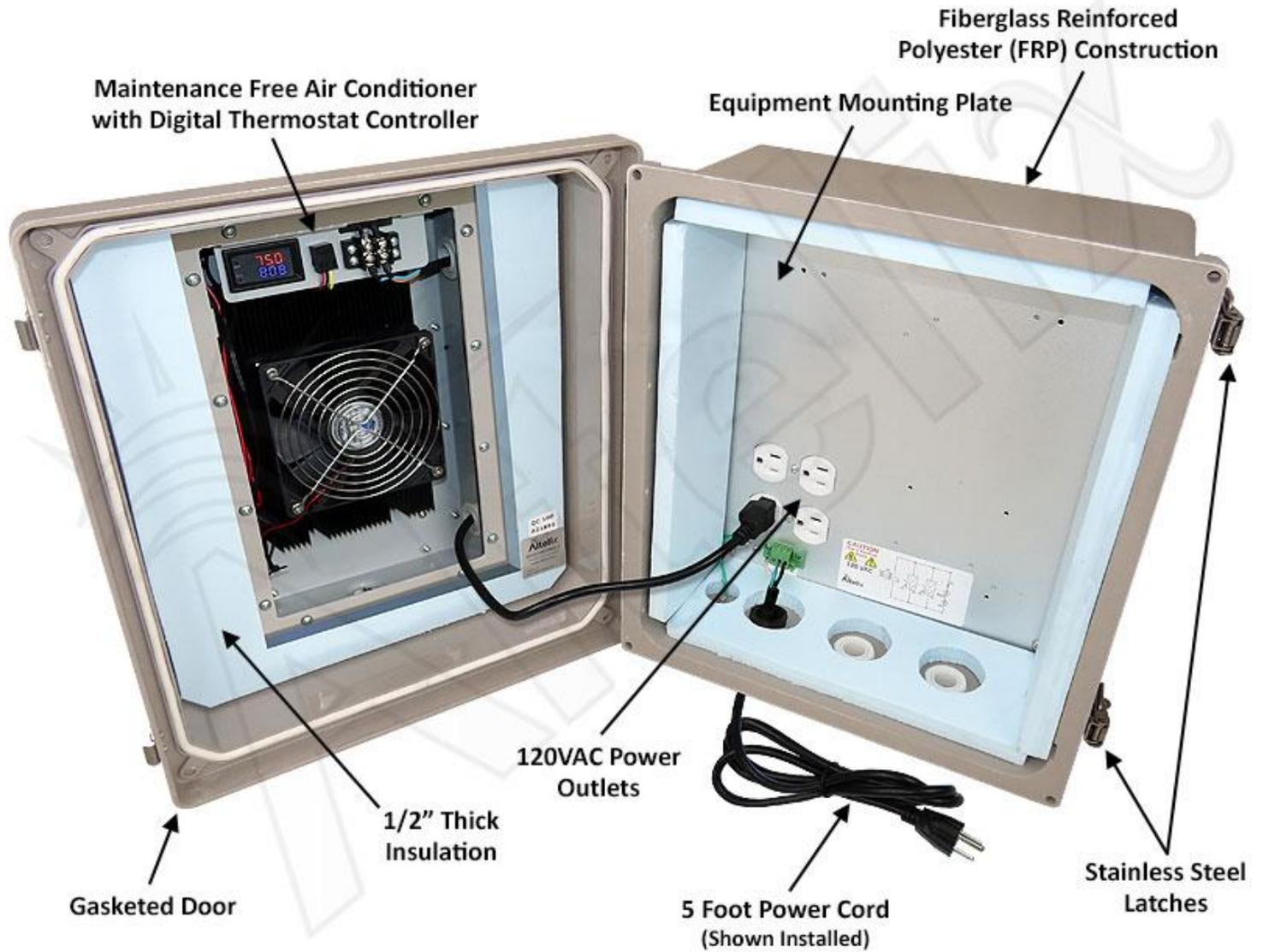
Simplified Power Integration - For permanent installations which require hard wiring of the power the enclosure features a pre-installed $\frac{3}{4}$ " liquid-tight conduit fitting, ensuring a secure and weather-resistant connection. A removable terminal block inside the enclosure simplifies on-site 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.

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. These enclosures feature a gasketed lid with improved stainless steel hinges and high quality 316 steel hinge pins for lasting durability in even the harshest of coastal conditions.

Equipment Mounting Plate - This enclosure includes an aluminum equipment mounting plate that can be easily drilled and modified by the installer to suit unique site requirements.

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

Product Photos



Product Photos

Air-Conditioner Unit



Condensation Drain →

Product Photos

Maintenance Free DC Powered Air Conditioner
with Digital Thermostat Controller

Condensation
Drain

Cable Glands

Stainless Steel
Latches

Product Photos



Specifications

Material	Fiberglass Reinforced Polyester
Color	Gray
Enclosure Voltage	120VAC
Max. Load	10A @ 120VAC
Cooling Capacity	360 BTU
Digital Controller Operational Temperature Range	14°F (-10°C) to +120°F (+60°C)
Air-Conditioner Working Voltage	100-277VAC
Insulation Thickness	0.50 inch (12.7mm)
Insulation R-Value	2
Exterior Dimensions (Height x Width x Depth)	15.7 x 13.8 x 14.3 in. (401 x 352 x 363.2 mm)
Interior Dimensions* (Height x Width x Depth)	13.0 x 11.0 x 6.7 in. (330 x 279 x 171 mm)
Equipment Mounting Plate Material	0.10 in. (2.5 mm) Aluminum
Equipment Mounting Plate Dimensions	10.9 x 12.8 in. (276 x 324 mm)
Weight	25.8 lbs. (11.7 kg)
Noise Level	55dB
Power Cord Length	5 Feet (1.5m)
Ratings	Meets or Exceeds NEMA 1, 2, 4, 4X, 12, 13 and IEC 529 IP65, IP66

*Notes:

Interior dimensions represent maximum space available for equipment.