NFC403214A1C-AZ / NFC483214A1C-AZ

Altelix Air-Conditioned Enclosure with Heat - Fiberglass FRP Weatherproof NEMA 4X Rated with 120VAC Power Outlets



Features

- Maintains NEMA 4X / IP66 protection while providing active heating and cooling
- 800 BTU cooling and 520W heating system with programmable digital temperature controller, independent heating/cooling settings, and high/low temperature alarms
- External AC/heating unit maximizes usable interior space
- Maintenance-free design with no compressor, refrigerant, filters, or moving parts
- Reliable solid-state construction for long service life
- Four pre-wired 120VAC outlets with 5-foot power cord
- Heavy-duty fiberglass reinforced polyester (FRP) enclosure
- Blank steel equipment mounting plate included
- Dual quarter-turn locking latches with keys
- 1/2"" interior insulation helps maintain stable temperatures
- Optional heavy duty wall mount kit available

Altelix LLC USA: 866-660-9434 +1 561-660-9434 sales@altelix.com www.altelix.com
Copyright (C) 2026 Altelix LLC. All rights reserved. Altelix and the Altelix logo are Trademarks and/or Registered Trademarks of Altelix LLC.
Specifications are subject to change without notice. See www.altelix.com for most current information.

NFC40/48 Series Air-Conditioned Enclosures

Description

The **Altelix NFC403214A1C-AZ** and **NFC483214A1C-AZ Heated / Air-Conditioned** Weatherproof NEMA 4X Enclosures are ideal for protecting sensitive equipment from harsh environments and tampering. The digitally controlled heating and air conditioning system helps maintain optimal internal temperatures so internally mounted equipment can operate at peak performance. These enclosures are designed for both indoor and outdoor applications.

Maintenance Free Heating and Air Conditioning System

Mounted externally on the enclosure to maximize interior space, this system provides 800 BTU of cooling and 520W of heating. Operation of this system is done via a programmable digital temperature controller. Heat and air conditioning Turn-On/Turn-Off temperatures can be separately programmed as well as Under/Over temperature alarms. The entire system is housed in a rugged powder coated steel housing and is mounted to the side of the enclosure. Power for this system is provided by one of the four internal 120VAC power outlets. An external drain on the Heat/AC unit is provided to direct any condensation to outside the enclosure.

Designed to be maintenance free, this AC/Heating system features no moving components (except for fan), no compressor, refrigerant or filters to be changed. 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.

Enclosure Construction and Features

This rugged 4X IP66 rated enclosure is molded from durable and UV resistant fiberglass reinforced polyester (FRP). The lockable gasketed 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.

120VAC Power

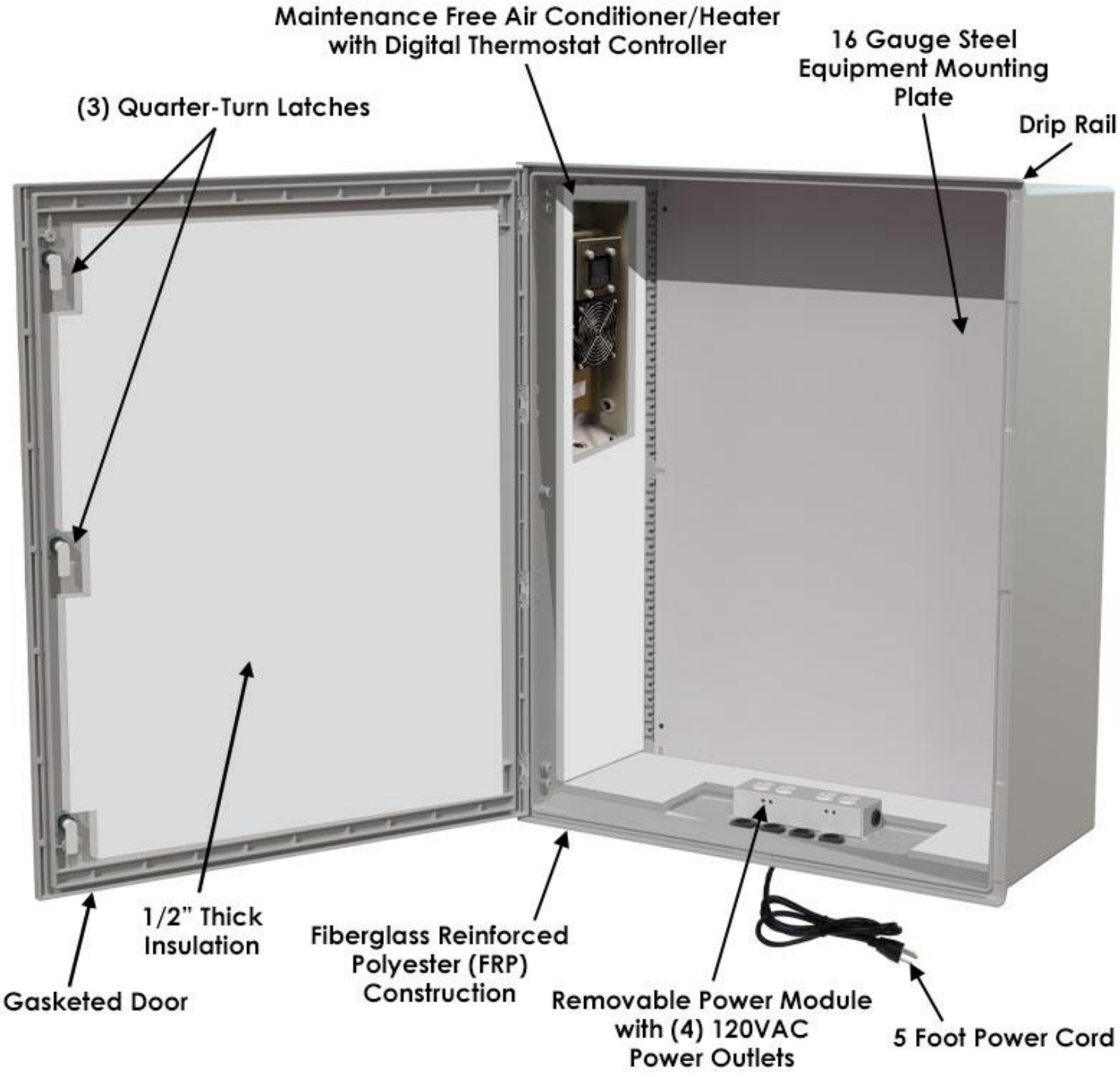
Mounted to a removable access panel, two pre-wired duplex 120VAC power outlets (4 outlets total) and a pre-wired 5-foot power cord is provided so no additional wiring is required.

Equipment Mounting Plate

A 16 Gauge galvanized steel equipment mounting plate is provided for mounting and securing equipment.

Copyright (C) 2026 Altelix LLC. All rights reserved. Altelix and the Altelix logo are Trademarks and/or Registered Trademarks of Altelix LLC.
Specifications are subject to change without notice. See www.altelix.com for most current information.

Product Photos



NFC403214A1C-AZ SHOWN

Copyright (C) 2026 Altelix LLC. All rights reserved. Altelix and the Altelix logo are Trademarks and/or Registered Trademarks of Altelix LLC.
Specifications are subject to change without notice. See www.altelix.com for most current information.

Product Photos



Altelix LLC USA: 866-660-9434 +1 561-660-9434 sales@altelix.com www.altelix.com
Copyright (C) 2026 Altelix LLC. All rights reserved. Altelix and the Altelix logo are Trademarks and/or Registered Trademarks of Altelix LLC.
Specifications are subject to change without notice. See www.altelix.com for most current information.

Product Photos



Copyright (C) 2026 Altelix LLC. All rights reserved. Altelix and the Altelix logo are Trademarks and/or Registered Trademarks of Altelix LLC.
Specifications are subject to change without notice. See www.altelix.com for most current information.

Specifications – NFC403214A1C-AZ

Enclosure Specifications

Material	Fiberglass Reinforced Polyester
Color	Light Gray
Enclosure Voltage	120VAC
Max. Equipment Load	10A @ 120VAC
Environmental Ratings	NEMA Type 4, 4X / IP66
Insulation Factor	R-2
Equipment Mounting Plate Material	16 Gauge Galvanized Steel
Equipment Mounting Plate Dimensions	28.7 x 36.7 in. (730.2 x 933.4 mm)
Exterior Dimensions (Including A/C) (Height x Width x Depth)	39.5 x 35 x 13.9 in. (1003.6 x 889 x 354.2 mm)
Interior Dimensions* (Height x Width x Depth)	37 x 29.1 x 12.7 in. (940 x 740 x 324 mm)
Total Weight	111.2 lbs. (50.4 kg)

*Notes: Interior dimensions represent maximum space available for equipment.

A/C Unit Specifications

Cooling Capacity	800 BTU
Heating Capacity	520W
AC/Heater Working Voltage	100-260VAC
Digital Controller Operational Temperature Range	-22°F (-30°C) to +140°F (+60°C)
Fan Sound Level (1m)	65dB(A)

Copyright (C) 2026 Altelix LLC. All rights reserved. Altelix and the Altelix logo are Trademarks and/or Registered Trademarks of Altelix LLC.
Specifications are subject to change without notice. See www.altelix.com for most current information.

Specifications – NFC483214A1C-AZ

Enclosure Specifications

Material	Fiberglass Reinforced Polyester
Color	Light Gray
Enclosure Voltage	120VAC
Max. Equipment Load	10A @ 120VAC
Environmental Ratings	NEMA Type 4, 4X / IP66
Insulation Factor	R-2
Equipment Mounting Plate Material	16 Gauge Galvanized Steel
Equipment Mounting Plate Dimensions	28.7 x 44.7 in. (730.2 x 1135.3 mm)
Exterior Dimensions (Including A/C) (Height x Width x Depth)	47.5 x 35 x 13.9 in. (1206.5 x 889 x 354.2 mm)
Interior Dimensions* (Height x Width x Depth)	45 x 29.1 x 12.7 in. (1168.4 x 740 x 324 mm)
Total Weight	139 lbs. (63 kg)

*Notes: Interior dimensions represent maximum space available for equipment.

A/C Unit Specifications

Cooling Capacity	800 BTU
Heating Capacity	520W
AC/Heater Working Voltage	100-260VAC
Digital Controller Operational Temperature Range	-22°F (-30°C) to +140°F (+60°C)
Fan Sound Level (1m)	65dB(A)

Copyright (C) 2026 Altelix LLC. All rights reserved. Altelix and the Altelix logo are Trademarks and/or Registered Trademarks of Altelix LLC.
Specifications are subject to change without notice. See www.altelix.com for most current information.