

Altelix NF14 AU Series

Fiberglass Weatherproof NEMA Enclosures w/100-240 VAC
Universal Power Outlet



The Altelix **NF14 AU** Series 100-240 VAC Weatherproof NEMA Enclosures are ideal for protecting equipment from harsh environments and tampering. These rugged NEMA enclosures are molded from durable and UV resistant fiberglass reinforced polyester (FRP) with a UL94-5V flame rating. They feature a stainless steel continuous door hinge and stainless steel latches with provision for padlocks. The door is fully gasketed making this enclosure suitable for use indoors or outdoors.

Power

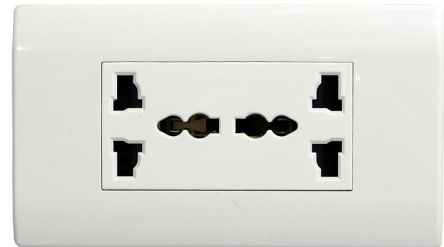
These enclosures feature a 2.5mm thick finished aluminum plate with a pre-wired 100-240VAC duplex universal power outlet supporting multiple international power standards. A terminal strip and ground lug are provided for simplified wiring on-site. One 1/2" liquid-tight gland is provided for the AC supply along with two PG9 cable glands for low voltage wiring. The NF14 AU series enclosures are designed to operate at the following voltages:

- 110VAC 50/60Hz
- 115VAC 50/60Hz
- 220VAC 50/60Hz
- 230VAC 50/60Hz
- 240VAC 50/60Hz

Universal Power Outlet

Designed for worldwide operation, the universal 100-240 VAC power outlet is compatible with the following countries' plug types:

- UK/Ireland BS 1363
- Italy CEI 23-16/VII
- Denmark Afsnit 107-2-D1
- Euro plug (2-pin) CEE 7/16
- India BS 546
- China GB 2099-1 and 1002-1
- Swiss SEV 1011
- Israel SI 32
- North America (2-pin) NEMA 1-15 and (3-pin) NEMA 5-15
- Continental Europe (Schuko) CEE 7
- France/Belgium CEE 7



100-240 VAC Universal Outlet

Optional Cooling Fan Ventilation

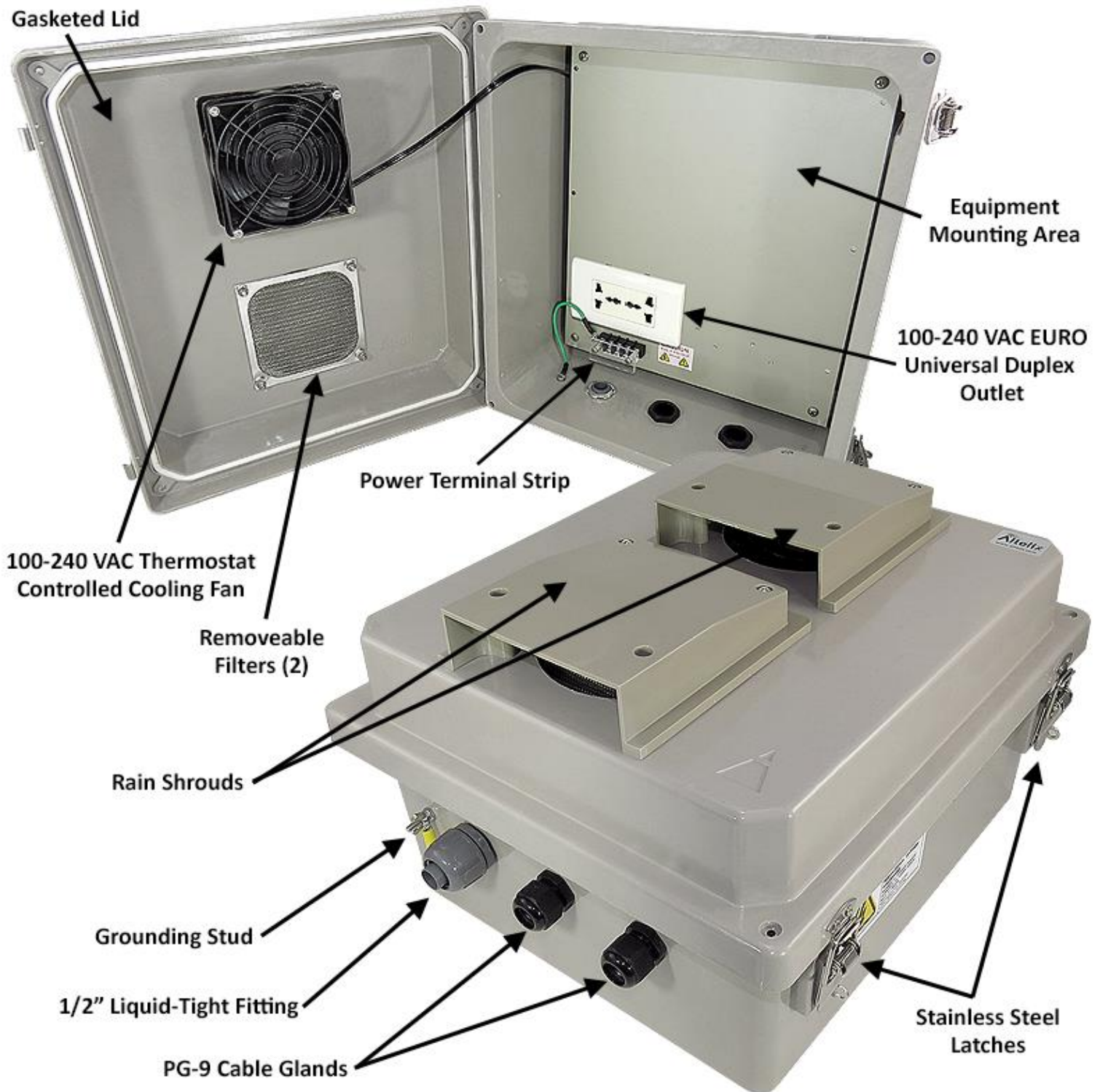
Enclosures with this option feature dual 4" vents and a thermostat controlled 100-240VAC cooling fan. The low noise, high airflow fan helps maintain lower internal temperatures. The fan turns on when the internal temperature reaches 100°F (38°C) and turns off when it drops to 79°F (26°C). The fan is 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 rain water from entering the enclosure, and the internal aluminum mesh filters are removable for cleaning. Dual fans are also available by request.

Optional Heater

Ideal for cold environments, these models feature a thermostat controlled 400W* heating system. The heater turns on when the internal temperature reaches 43°F (6°C) and turns off when it rises to 59°F (15°C). The heater is situated below the mounting plate and wired internally so it does not interfere with user installed equipment. (*Note: Heater power 400W @ 240VAC)

Mounting

Four removable stainless steel mounting feet are included so that the enclosure can be securely mounted to a wall or other structure. An optional flange and pole mounting kit (model NMK-003) is also available.



Model NF141208VFAU Shown

14" x 12" x 8" – 100-240VAC with Ventilation and Cooling Fan

Models

NF141206 Series Enclosures – 14" x 12" x 6"

Model	Description
NF141206AU	100-240 VAC FRP Enclosure, Aluminum Equipment Mounting Plate and Universal Power Outlet
NF141206VAU	100-240 VAC Vented FRP Enclosure, Aluminum Equipment Mounting Plate, Universal Power Outlet
NF141206HAU	100-240 VAC FRP Enclosure, Aluminum Equipment Mounting Plate, Universal Power Outlet, Thermostat Controlled Heater



Model: NF141206AU

NF141208 Series Enclosures – 14" x 12" x 8"

Model	Description
NF141208AU	100-240 VAC FRP Enclosure, Aluminum Equipment Mounting Plate, Universal Power Outlet
NF141208VAU	100-240 VAC Vented FRP Enclosure, Aluminum Equipment Mounting Plate, Universal Power Outlet
NF141208HAU	100-240 VAC FRP Enclosure, Aluminum Equipment Mounting Plate, Universal Power Outlet, Thermostat Controlled Heater
NF141208VFAU	100-240 VAC Vented FRP Enclosure, Aluminum Equipment Mounting Plate, Universal Power Outlet, Thermostat Controlled Cooling Fan
NF141208VFHAU	100-240 VAC Vented FRP Enclosure, Aluminum Equipment Mounting Plate, Universal Power Outlet, Thermostat Controlled Cooling Fan and Heater



Model: NF141208AU

Specifications

Universal Outlet Compatibility & Voltage Specifications	
Voltage	110VAC 50/60Hz 115VAC 50/60Hz 220VAC 50/60Hz 230VAC 50/60Hz 240VAC 50/60Hz
Universal Outlet Compatibility	UK/Ireland BS 1363 Italy CEI 23-16/VII Denmark Afsnit 107-2-D1 Euro plug (2-pin) CEE 7/16 India BS 546 China GB 2099-1 and 1002-1* Swiss SEV 1011* Israel SI 32* North America (2-pin) NEMA 1-15* North America (3-pin) NEMA 5-15* Continental Europe (Schuko) CEE 7* France/Belgium CEE 7*
*Safety Notes: 1. In some countries (Swiss, Israel, and North America) there may be polarity differences. To avoid possible damage to a device, check the polarity of your power supply and that of your device before plugging it in to the Universal AC outlet and switching it on. 2. Some devices require they be grounded. Use caution with plugs from Continental Europe (Schuko) and France/Belgium for the Universal AC outlet does not allow for the grounding tabs or grounding pin. 3. The China plug is not an exact fit with the Universal AC outlet.	



100-240 VAC Universal Outlet

NF141206AU – 100-240 VAC Enclosure, Aluminum Mounting Plate, Universal Power Outlet

	Voltage	100-240 VAC
	Outer Dimensions	15.7 x 13.8 x 6.5 in. (401 x 352 x 164 mm)
	Inner Dimensions	13.8 x 11.9 x 6.2 in. (352 x 304 x 157 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings*	NEMA Type 4, 4X / IP66

NF141206VAU – 100-240 VAC Vented Enclosure, Aluminum Mounting Plate, Universal Power Outlet

	Voltage	100-240 VAC
	Outer Dimensions	15.7 x 13.8 x 6.5 in. (401 x 352 x 164 mm)
	Inner Dimensions	13.8 x 11.9 x 6.2 in. (352 x 304 x 157 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings	NEMA Type 3R, 3RX / IP24

NF141206HAU – 100-240 VAC Enclosure, Aluminum Mounting Plate, Universal Power Outlet, Heater

	Voltage	100-240 VAC
	Heater Turn-On / Turn-Off Temperature	On: 43°F (6°C) / Off: 59°F (15°C)
	Heater Power	400 Watt @ 240 VAC
	Outer Dimensions	15.7 x 13.8 x 6.5 in. (401 x 352 x 164 mm)
	Inner Dimensions	13.8 x 11.9 x 6.2 in. (352 x 304 x 157 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings*	NEMA Type 4, 4X / IP66

*Note: Enclosure ports must be properly sealed to maintain NEMA Type 4, 4X / IP66 rating.

NF141208AU – 100-240 VAC Enclosure, Aluminum Mounting Plate, Universal Power Outlet

	Voltage	100-240 VAC
	Outer Dimensions	15.7 x 13.8 x 8.7 in. (401 x 352 x 222 mm)
	Inner Dimensions	13.8 x 11.9 x 8.4 in. (352 x 304 x 213 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings*	NEMA Type 4, 4X / IP66

NF141208VAU – 100-240 VAC Vented Enclosure, Aluminum Mounting Plate, Universal Power Outlet

	Voltage	100-240 VAC
	Outer Dimensions	15.7 x 13.8 x 8.7 in. (401 x 352 x 222 mm)
	Inner Dimensions	13.8 x 11.9 x 8.4 in. (352 x 304 x 213 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings	NEMA Type 3R, 3RX / IP24

NF141208HAU – 100-240 VAC Enclosure, Aluminum Mounting Plate, Universal Power Outlet, Heater

	Voltage	100-240 VAC
	Heater Turn-On / Turn-Off Temperature	On: 43°F (6°C) / Off: 59°F (15°C)
	Heater Power	400 Watt @ 240 VAC
	Outer Dimensions	15.7 x 13.8 x 8.7 in. (401 x 352 x 222 mm)
	Inner Dimensions	13.8 x 11.9 x 8.4 in. (352 x 304 x 213 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings*	NEMA Type 4, 4X / IP66

*Note: Enclosure ports must be properly sealed to maintain NEMA Type 4, 4X / IP66 rating.

NF141208VFAU – 100-240 VAC Vented Enclosure, Aluminum Mounting Plate, Universal Power Outlet, Cooling Fan

	Voltage	100-240 VAC
	Cooling Fan Turn-On / Turn-Off Temperature	On: 100°F (38°C) / Off: 79°F (26°C)
	Outer Dimensions	15.7 x 13.8 x 8.7 in. (401 x 352 x 222 mm)
	Inner Dimensions	13.8 x 11.9 x 8.4 in. (352 x 304 x 213 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings	NEMA Type 3R, 3RX / IP24

NF141208VFHAU – 100-240 VAC Vented Enclosure, Aluminum Mounting Plate, Universal Power Outlet, Cooling Fan, Heater

	Voltage	100-240 VAC
	Cooling Fan Turn-On / Turn-Off Temperature	On: 100°F (38°C) / Off: 79°F (26°C)
	Heater Turn-On / Turn-Off Temperature	On: 43°F (6°C) / Off: 59°F (15°C)
	Heater Power	400 Watts @ 240 VAC
	Outer Dimensions	15.7 x 13.8 x 8.7 in. (401 x 352 x 222 mm)
	Inner Dimensions	13.8 x 11.9 x 8.4 in. (352 x 304 x 213 mm)
	Enclosure Material / Flame Rating	Fiberglass Reinforced Polyester (FRP) / UL94-5V
	Color	Gray
	Mounting Plate Material	0.10 in (2.5 mm) Aluminum
	Mounting Plate Dimensions	10.9 x 12.8 x in. (276 x 324 mm)
	Ratings	NEMA Type 3R, 3RX / IP24

NF Series Accessories

Model	Description
NMK-0003	Pole/Wall Mount Kit for Altelix NF14 Series Enclosures
NHP1412A-00	Blank Aluminum Mounting Plate for Altelix NF14 Series Enclosures
HG-A01	Black Nylon Waterproof Cable Gland Assortment Pack, PG7, PG9, PG11, PG13.5, PG16



NMK-0003 Mounting kit shown in pole mount and wall mount configurations.
 (Note: Enclosure sold separately)