14x12x7 Inch Universal 200-240 VAC Weatherproof Enclosure with Cooling Fan
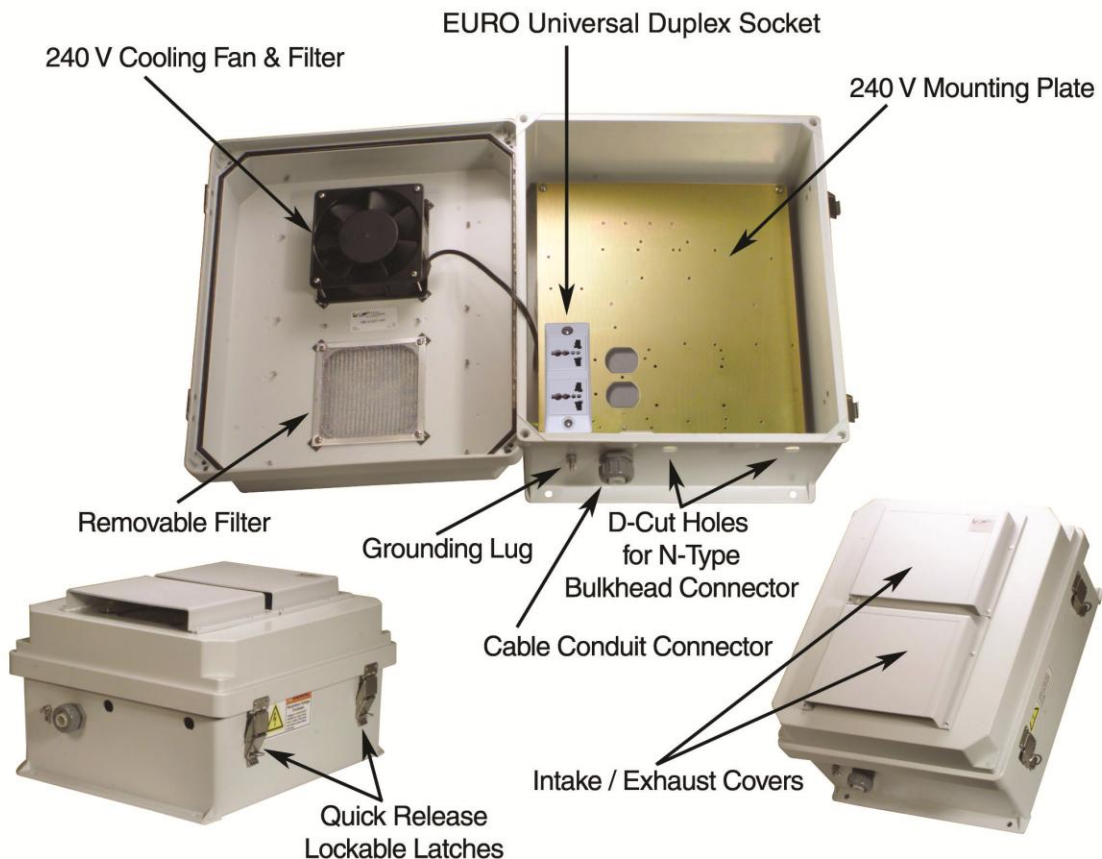# Model: NB141207-E0F

Applications and Features

Applications:
- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Hot and cold temperature environments
- Rapid Deployment Installations
- Corrosive environments
- Hotspot applications
- Protection of equipment from theft or damage

Features:

RoHS Compliant

- Molded fiberglass reinforced polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- Fully gasketed raised, raised vented lid
- Integral mounting flange
- NEMA Type 3R / IP42 rated
- RoHS Compliant
- Features aluminum mounting plate
- Thermostat-controlled cooling system
- Universal duplex socket for 200-240 VAC power & thermostat controlled cooling system
- Mounting plate can accommodate WLAN equipment from Cisco®, Symbol®, D-Link®, HyperLink and more.
- Optional universal equipment shelf and mounting brackets available
- Fully customized configurations available

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Product Description

Start with the Box... The box is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass reinforced polyester, it is well suited for high temperature or corrosive environments. The mounting flange allows it to be wall mounted as well as on a flat surface. The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The raised lid is fully gasketed. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Plate... The aluminum mounting plate has provisions to mount WLAN equipment from Cisco®, Symbol®, D-Link®, HyperLink and more. With the optional HGX-AMOUNT02 bracket a wide array of HyperLink Power-Over-Ethernet products and Power Supplies can be mounted as well. Two of these brackets can be mounted side by side. Also available is the HGX-NMOUNT03 Universal Mounting Shelf that can be attached to the mounting plate and can accommodate additional equipment to be placed in the enclosure. The plate features two 200-240 VAC Universal EURO outlets (contained in one duplex socket) and a terminal strip to supply power to internal equipment.

Hot Environments... To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure needs to be maintained. With the built-in cooling fan, internal temperatures can be better maintained. This model is ideal in hot environments.

The NB141207-E0F model includes a thermostat-controlled 22W (Max) fan. The high airflow, low noise fan used allows air to be pushed or pulled through the enclosure. Filters for both ports are easily removable for cleaning and replacement. The fan turns on when the internal temperature rises to 120° F (49° C) ±5° and turns off at 90° F (32° C) ±10°. The cooling fan does not require the use of any of the AC outlets, leaving them all available for your equipment.

Lightning Protection... In addition, the unit can accept up to two optional bulkhead-mount N-Type lightning protectors to protect the coaxial cable runs. Mounted to the optional HGX-AMOUNT02 bracket, the HGLN-CAT5 lightning protector can be used with Power-over-Ethernet applications.

Specifications

Enclosure Material	Fiberglass Reinforced Polyester
Enclosure Color	Machine Tool Gray
Voltage	200-240 VAC
Fan Power	22 Watts
Weight	14.0 lbs (6.4 kg)
Mounting Plate Material	.10" (2.5mm) Thick Anodized Aluminum
Mounting Plate Dimensions	12.7 x 10.8 inches (32.2 x 27.4 cm)
Outside Dimensions (max)	15.5 x 13.5 x 8.7 inches (39.3 x 34.2 x 22 cm)
Inside Dimensions	13.5 x 11.5 x 5.8 inches (34.3 x 29.2 x 14.7 cm)
Flame Rating	UL 94-5V
RoHS Compliant	Yes
Cable Feed	1/2" Cable Conduit Connector
Ratings	NEMA 3R / IP42

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Enclosure Dimensions

.31 DIA. MOUNTING HOLES (4) PLACES

MOUNTING FLANGE (2) SIDES

10-32 x 5/16' BP. BRASS INSERT (4) PLACES

B

A   A

15.477

B

13.475

14.625

13.989
13.500   12.250

SECTION B-B
(SHOWN WITH COVER REMOVED)

DETAIL A

.625

.578

8.687
7.687
6.250
3.500

1.750
1.750   2.050   4.750

10.000

See Detail A

4.250

11.989
11.525

5.875

.500   0

10.250

SECTION A-A
(SHOWN WITH COVER REMOVED)

Notes:
1) Features shown may not be on all enclosure models
2) All dimensions in inches.

7.437

6.750
4.187
4.000

1.000 (Stand-Off)

SECTION A-A