

14x12x07 Fiberglass Reinf Polyester FRP Weatherproof  
Outdoor IP24 NEMA 3R Enclosure, 240 VAC MNT  
PLT, Mechanical Thermostat Heat & Fan Gray



## NB141207-2HF

### Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 3R / IP24 rated
- Fully gasketed raised vented lid with filters & integral mounting flange
- Features aluminum mounting plate with 240 VAC terminal strip & thermostat controlled heating & cooling system

### Applications

- Remote wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Hot temperature environments
- Corrosive environments & hotspot
- Protection of equipment from theft or damage

### Description

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 integrated mounting flange allows it to be mounted directly to any flat wall surface provided proper screws are used into secure studs.

The enclosure can also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits.

The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. Includes fully gasketed vented lid with filters & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

#### Mounting Plate

The modified aluminum mounting plate included with the NB141207-2HF comes pre-drilled and cut holes and a 240VAC terminal block for easy

hook up to externally provided line power to use as needed to mount WLAN equipment or whatever equipment you may require. The enclosure also features holes for two N-Bulkhead lightning protectors or connectors, a grounding lug, and a cable conduit connector.

#### Heating & Cooling

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure need to be controlled. With the built-in heater and cooling fan, internal temperatures can be better maintained. This model is ideal in Hot and/or Cold environments.

For Heating the NB141207-2HF includes a thermostat-controlled 200W heater. The heater turns on when the internal temperature drops to 40° F (4° C)  $\pm 7^\circ$  and turns off at 60° F (15° C)  $\pm 5^\circ$ . No extra room for the heater is required since it is mounted underneath the plate.

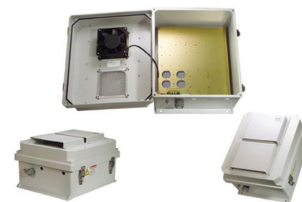
For Cooling the NB141207-2HF model includes a thermostat-controlled 18W fan. The high airflow, low noise fan used allows warm air to be actively pushed out the top vent while the lower vent passively pulls in outside air into the enclosure. Filters for both ports prevent foreign objects or debris from entering the enclosure. The fan turns on when the internal temperature rises to 120° F (49° C)  $\pm 5^\circ$  and turns off at 90° F (32° C)  $\pm 10^\circ$ .

The HGX-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include HGX-PMT13, HGX-PMT16, HGX-PMT28, HGX-PMT29, HGX-PMT30 & HGX-PMT33

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**NB141207-2HF**



## Mechanical Specifications

### Size

Outer Height	15.5 in	[393.7 mm]
Outer Width	13.32 in	[338.33 mm]
Outer Depth	8.26 in	[209.8 mm]
Inner Height	14 in	[355.6 mm]
Inner Width Inner	12 in	[304.8 mm]
Depth	7.95 in	[201.93 mm]
Weight	12 lbs	[5.44 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

## Environmental Specifications

NEMA Rating	3R
Ingress Protection (IP) Rating	IP24
Temperature Continuous	-50 to +150°C

## Compliance Certifications

UL Listed	No
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14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 240 VAC MNT PLT, Mechanical Thermostat Heat & Fan Gray from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/nema-enclosures-14x12x7-inch-240-vac-weatherproof-enclosure-with-heater-and-cooling-fan-p.aspx>

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NB141207-2HF CAD Drawing
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Enclosure, 240 VAC MNT PLT, Mechanical Thermostat Heat & Fan Gray

