# 14”x12”x7” 120 VAC Industrial Enclosure with Mounting Plate, Cooling Fan and Heater - Model: NB141207-1HF

## Applications

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid Deployment installations
- Corrosive environments
- Security and surveillance equipment installations

## Features

- Molded fiberglass reinforced polyester (FRP) enclosure with integral mounting flanges
- Fully gasketed lid with stainless steel quick release latches with padlock hasps
- NEMA Type 3R, 3RX / IP24 rated
- Features aluminum mounting plate with surge protected duplex 120 VAC outlets & thermostat controlled heating and cooling system

RoHS Compliant

## Description

The NB141207-1HF is a rugged weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded halogen free self extinguishing fiberglass reinforced polyester (FRP), it is well suited for high temperature or corrosive environments. The integral mounting flange allows it to be wall mounted as well as on a flat surface without the need for extra mounting hardware. The fully gasketed lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The light grey color of the NB141207-1HF is cleaner, cooler and aesthetically pleasing. Users can enjoy the physical benefits of better heat reflection and better UV resistance due to the lighter color. The contoured body provides an attractive and contemporary appearance.

**120 VAC Mounting Plate with Lightning Protection**

The aluminum mounting plate features standard surge protected duplex 120 VAC outlets and a terminal block for easy hook up to the externally provided line power. In addition, the unit can accept up to two optional bulkhead-mount N-Type lightning protectors to protect the coaxial cable runs.

**Hot and Cold Environments**

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure needs to be maintained. With the built-in Heater and Cooling system, internal temperatures can be better maintained. This model is ideal in Hot and Cold environments.

The NB141207-1HF includes a thermostat-controlled 200W heating system. The heater turns on when the internal temperature drops to 40° F (4° C) ±7° and turns off at 60° F (15° C) ±5°. The heater does not require the use of any of the AC outlets, leaving them all available for your equipment. No extra room for the heater is required since it is mounted underneath the plate.

For cooling, the thermostat-controlled 12W high airflow, low noise fan 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°. Like the heater, the cooling fan does not require the use of any of the AC outlets, leaving them all available for your equipment.

**Optional Pole Mounting Kits**

Available on the L-com web site, these optional kits allows the enclosure to be mounted on poles ranging from 1.2 to 11 inches in diameter.

## Specifications

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|---|---|
| **Enclosure Material** | Halogen free, self-extinguishing fiberglass reinforced polyester (FRP) |
| **Enclosure Color** | Light Grey (RAL7035) |
| **Voltage** | 120 VAC |
| **Fan Power** | 12 Watt |
| **Heater Power** | 200 Watt |
| **Weight** | 12.5 lbs (5.6 kg) |
| **Mounting Plate Material** | .10” (2.5mm) Thick Anodized Aluminum |
| **Mounting Plate Dimensions** | 12.7 x 10.8 in. (322 x 274 mm) |
| **Outside Dimensions (max)** | 15.5 x 13.3 x 8.3 in. (393 x 338 x 201 mm) |
| **Inside Dimensions** | 14.0 x 12.0 x 5.8 in. (356 x 305 x 147 mm) |
| **Flame Rating** | UL 94-5V |
| **RoHS Compliant** | Yes |
| **Cable Feed** | 1/2” Cable Conduit Connector |
| **Ratings** | NEMA 3R, 3RX / IP24 |

| **Temperature Controller Specifications** | |
|---|---|
| **Cooling Fans Turn-on Temperature** | +120° F (49° C) ±5° |
| **Cooling Fans Turn-off Temperature** | +90° F (32° C) ±10° |
| **Heaters Turn-On Temperature** | +40° F (4° C) ±7° |
| **Heaters Turn-Off Temperature** | +60° F (15° C) ±5° |