

18x16x8 Inch Universal 200-240 VAC Weatherproof Enclosure with Cooling Fans and Heaters - Model: NB181608-EHF

Applications and Features

Features:

- Molded Fiberglass Reinforced Polyester (FRP) industrial Enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 3R, 3RX / IP24 rated
- Fully gasketed raised Vented lid with removable filters & integral mounting flange
- Features aluminum mounting plate with Universal duplex socket for 200-240 VAC power & Thermostat Controlled Heating & Cooling System

Applications:

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid Deployment Installations
- Corrosive environments & hotspot applications
- Protection of equipment from theft or damage



Product Description

Start with the Box...

The box is a rugged 18" x 16" x 8" weatherproof enclosure that is ideal for both indoor and outdoor applications. Constructed from molded fiberglass, 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 box can also be pole mounted with the optional pole mounting hardware kit. The fully gasketed lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. The enclosure material is UV stabilized and comes in machine tool gray. The enclosure also features holes for mounting Lightning Protectors or Connectors, a grounding lug and 1/2" cable conduit connector.

Due to the large size of this enclosure, it can accommodate dual sets of most access points.

Mounting Plate

The aluminum mounting plate has provisions to mount WLAN equipment from Cisco®, Symbol®, D-Link®, HyperLink and more. The mounting plate holds a 200-240 VAC Universal Duplex socket to power equipment in European applications. With the optional HGX-AMOUNT02 bracket a wide array of HyperLink Amplifiers, 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.

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 NB181608-EHF model includes two 200-240V thermostat-controlled 200W (400W total) heaters. Each 200W heater is controlled by its own thermostat. The heaters turns on when the internal temperature drops to 40° F (4° C) ±7° and turns off at 60° F (15° C) ±5°. No extra room for the heaters is required since it is mounted underneath the plate.

For cooling, the two 200-240V thermostat-controlled 18W (36W total) high airflow, low noise fans used allows air to be pushed or pulled through the enclosure. Filters for both ports are easily removable for cleaning and replacement. The fans turns on when the internal temperature rises to 120° F (49° C) ±5° and turns off at 90° F (32° C) ±10°.

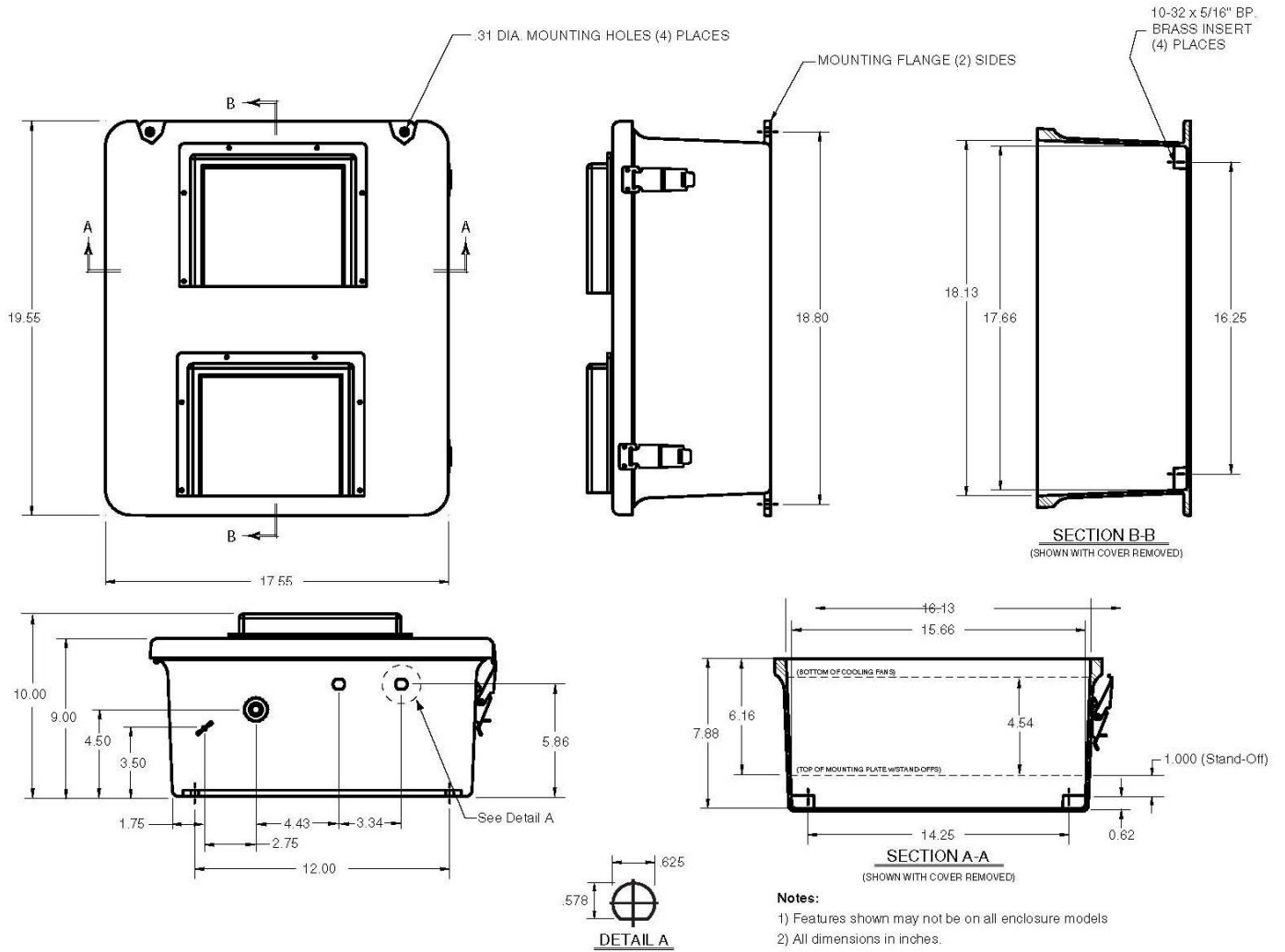
Lightning Protection

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	UV-inhibited Fiberglass
Enclosure Color	Machine Tool Gray
Voltage	200-240 VAC
Fan Power (2-Fans)	18 Watts each (36 Watts total)
Heater Power (2-Heaters)	200 Watts each (400 Watts total)
Mounting Plate Material	.10 in. (2.5mm) Thick Anodized Aluminum
Mounting Plate Dimensions	16.8 x 14.8 inches (42.6 x 37.5 cm)
Weight	21.8 lbs (9.9 kg)
Outside Dimensions (max)	19.5 x 17.5 x 10 inches (49.5 x 44.4 x 25.4 cm)
Inside Dimensions	17.7 x 15.7 x 8.5 inches (44.9 x 39.9 x 21.6 cm)
Flame Rating	UL 94-5V
RoHS Compliant	Yes
Cable Feed	1/2" Cable Conduit Connector
Ratings	NEMA 3R / IP42

Enclosure Dimensions



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

Mounting Plate Details

