120 VAC 14x12x7 Inch Weatherproof Enclosure with Mounting Plate, Solid State Thermostat Controlled Heating & Cooling System – Model: NB141207-1HFS

Applications and Features

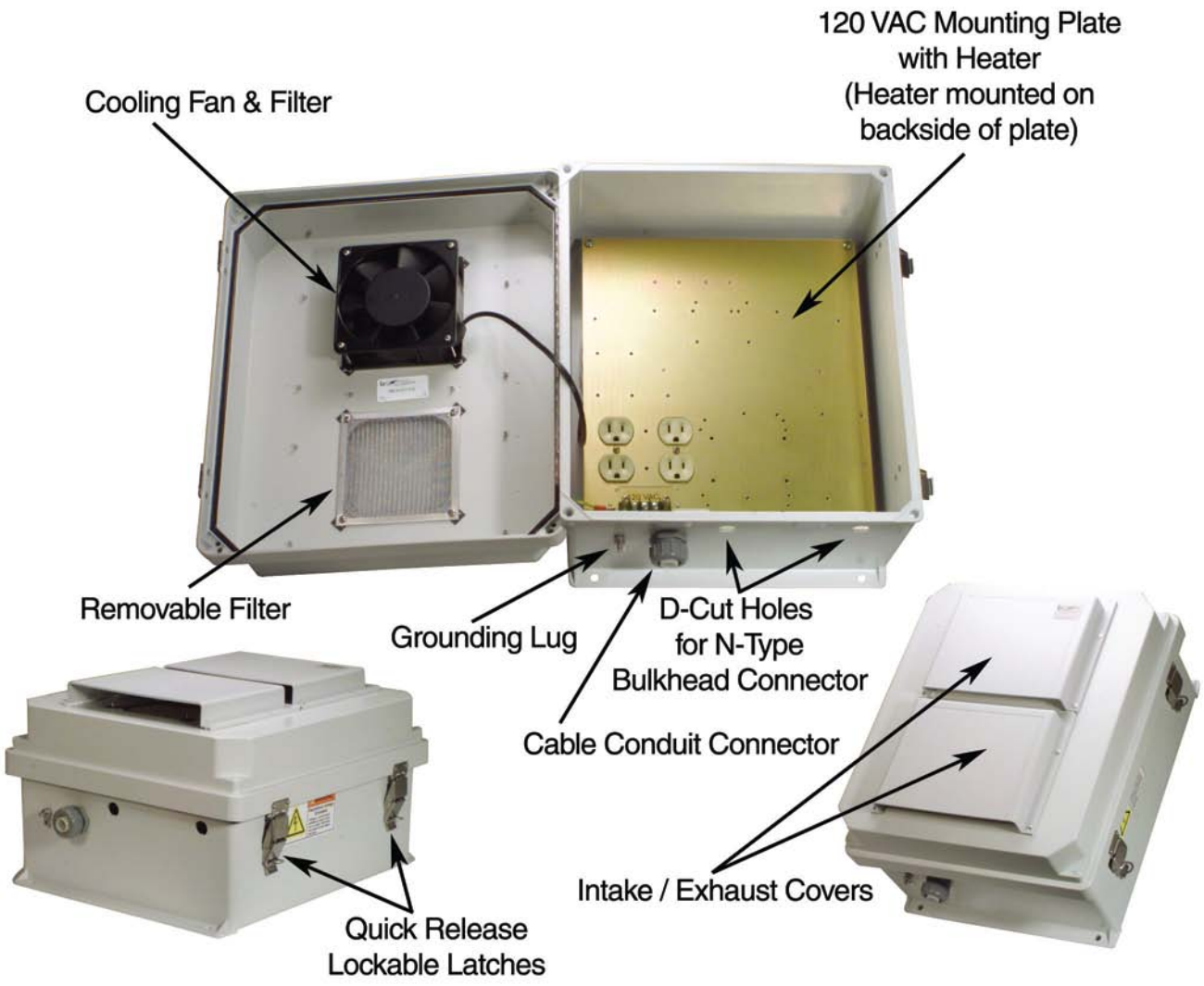
Features:

- 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 & integral mounting flange
- Features aluminum mounting plate with 120 VAC Outlets & Solid State Thermostat Controlled Heating System

Applications:

RoHS Compliant

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



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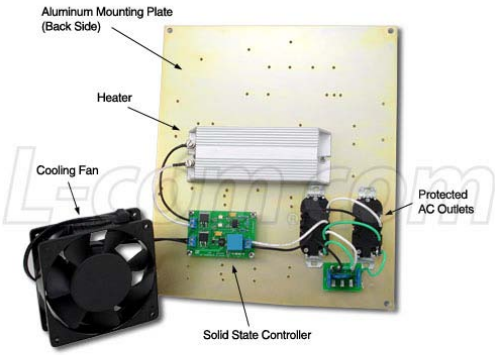
Product Description

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 four standard surge protected 120 VAC outlets and a terminal strip to supply power to internal equipment.



Hot and Cold Environments… The NB141207-1HFS comes with a 120 VAC 200 watt heating element and 120 VAC cooling fan. The fan and heater are controlled by HyperLink's exclusive solid-state temperature controller. The standard unit has a fan turn-on temperature of +93° F (34° C) ±5° and a heat turn-on temperature of +16° F (-9° C) ±5°. The controller features improved temperature setpoint accuracy and can be factory modified for other temperature setpoints. The heater and fan are controlled by two integral high current solid state AC relays. The relays feature Zero Cross Detection for EMI reduction. No extra room for the controller is required since it is mounted underneath the plate (A minimum order quantity is required for custom fan setpoints and other configurations).

Lightning Protection… Surge protection is provided as a standard feature on the internal AC outlets. 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.

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Specifications

Enclosure Material	Fiberglass Reinforced Polyester
Enclosure Color	Machine Tool Gray
Voltage	120 VAC
Heater Power	200 Watts
Fan Power	12 Watts
Weight	12.5 lbs (5.6 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 Type 3R, 3RX / IP24

Temperature Controller Specification	
Fan Setpoint Temperature	+34° C (+93° F)
Heater Setpoint Temperature	-9° C (+16° F)
Hysteresis Window	5° C (9° F)
Contact us for custom Fan/Heat Setpoints	

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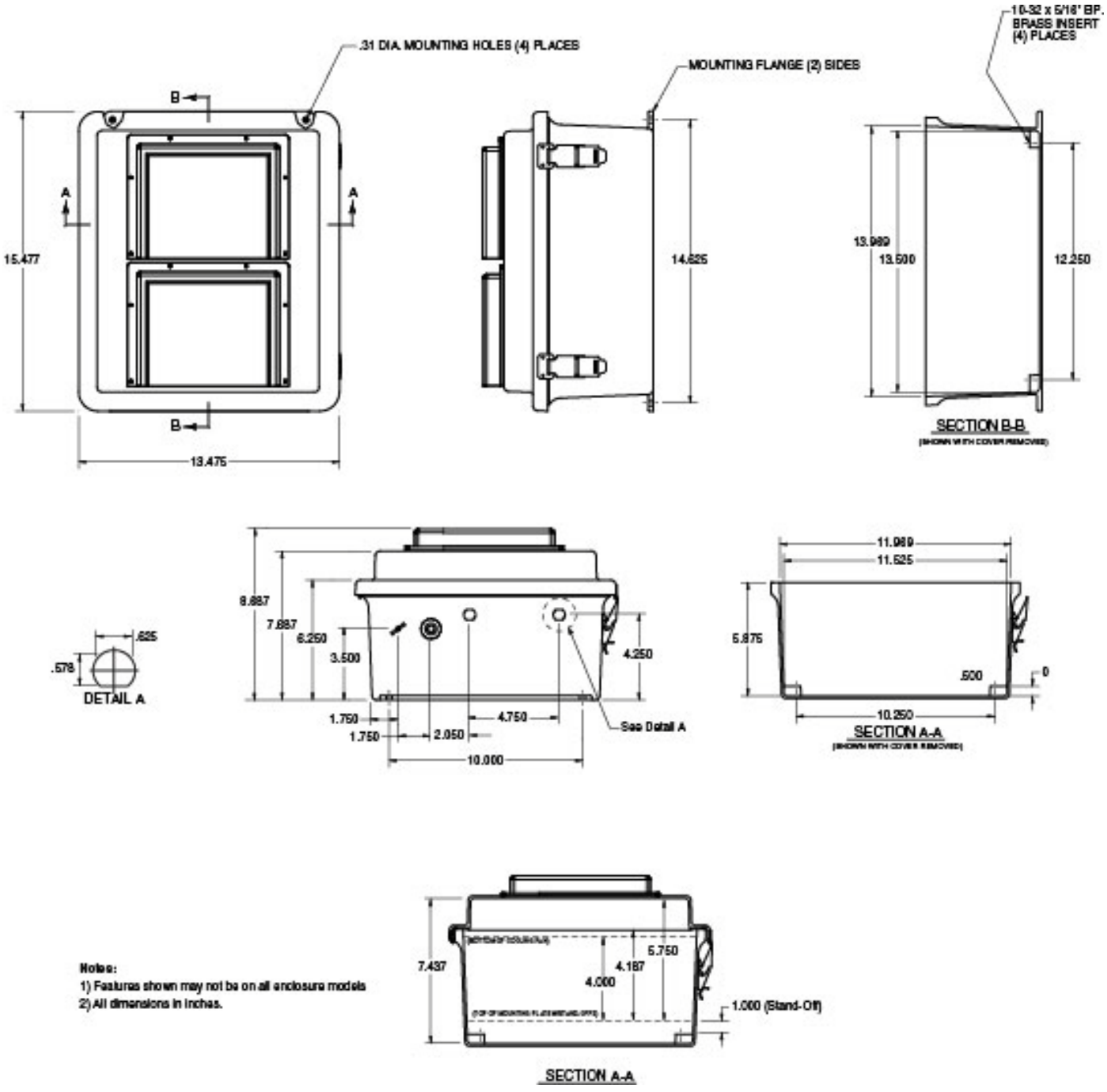
Enclosure Dimensions



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

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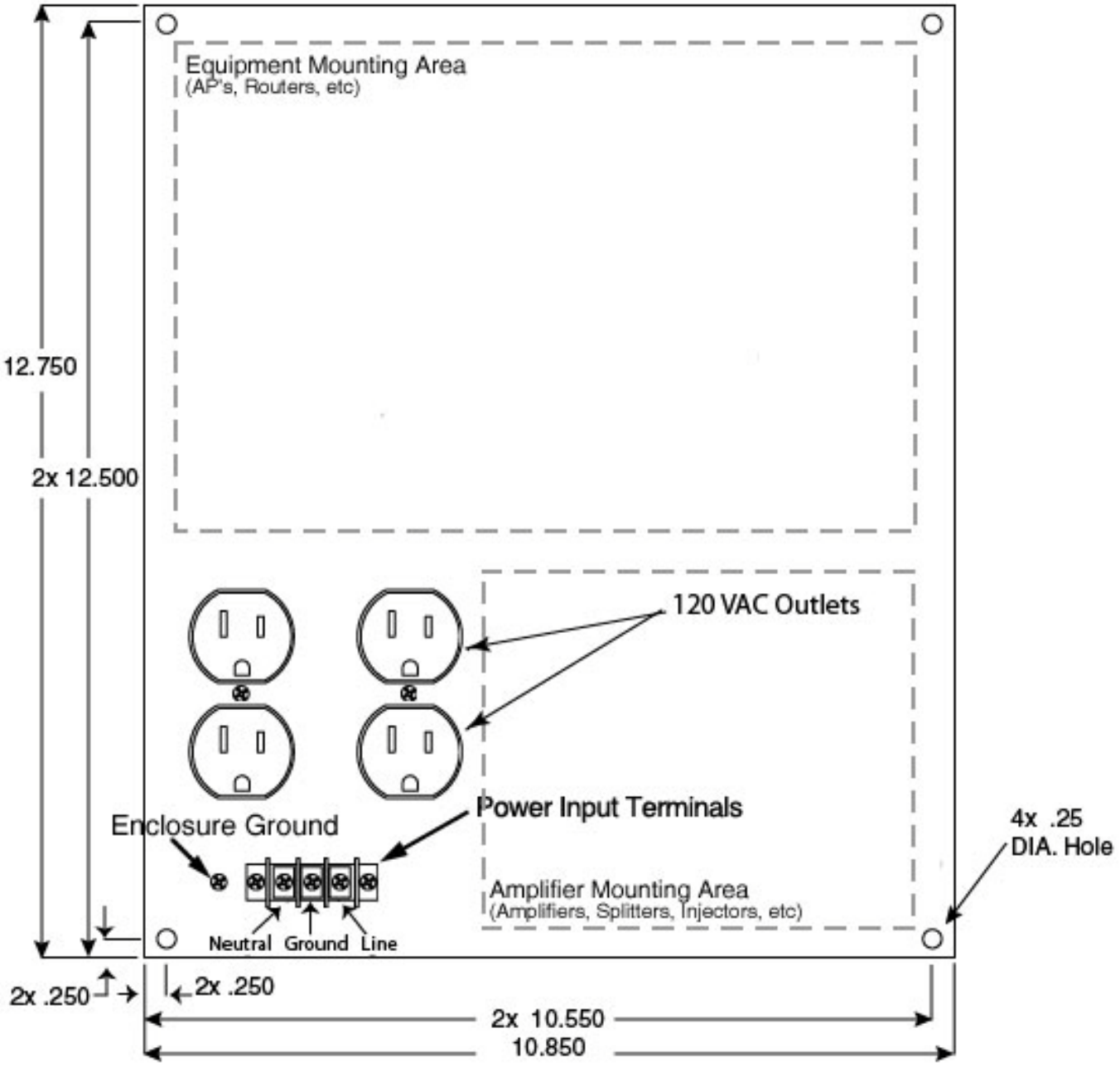
Mounting Plate Details



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