L-com Global Connectivity

14"x12"x7" 120 VAC Black Industrial Enclosure with Mounting Plate, Cooling Fan, Heater & Solid State Dual Point Temperature Controllers
Model: NBB141207-1HFS

Applications

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

Features

- Molded black 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 & dual point solid state controlled heating and cooling system

RoHS Compliant

Description

The NBB141207-1HFS 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 black color of the NBB series makes these enclosures ideal for security and surveillance equipment since they blend in easier with existing municipality landscapes. The contoured body provides an attractive and contemporary appearance.
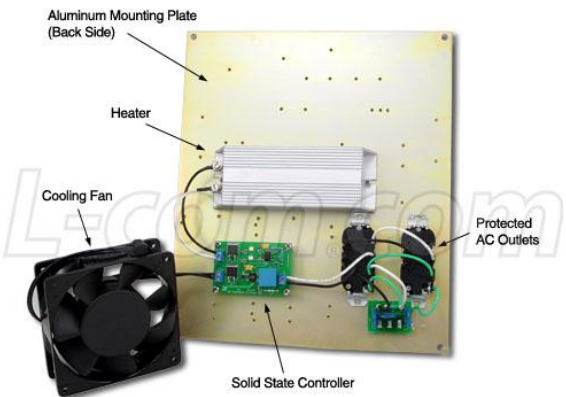
120 VAC Mounting Plate with Lightning Protection

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 NBB141207-1HFS 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 (+33.8° C) and a heat turn-on temperature of +16° F (-8.8° C). 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.

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

Enclosure Material	Halogen free, self-extinguishing fiberglass reinforced polyester (FRP)
Enclosure Color	Black
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	
Fan Setpoint Temperature	+34° C (+93° F)
Heater Setpoint Temperature	-9° C (+16° F)
Hysteresis Window	5° C (9° F)
Contact L-com for custom Fan Setpoints	

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Cooling Fan & Filter

120 VAC Mounting Plate with Heater
(Heater mounted on backside of plate)

Removable Filter

D-Cut Holes for N-Type Bulkhead Connector

Grounding Lug

Cable Conduit Connector

Intake / Exhaust Covers

Quick Release Lockable Latches