

## 18"x16"x8" 120 VAC Black Industrial Enclosure with Mounting Plate and Cooling Fans and Solid State Fan Controller - Model: NBB181608-10FS

### 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 & solid state controlled cooling system



### Description

The NBB181608-10FS 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. Due to the large size of this enclosure, it can accommodate dual sets of most access points.

### 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 Environments

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

The NBB181608-10FS comes with two 120 VAC cooling fans installed. The fans are controlled by HyperLink's exclusive solid state fan controller. The standard unit has a fan turn-on temperature of +90° F. The controller features improved temperature setpoint accuracy and can be factory modified for other temperature setpoints. The fans are controlled by an integral solid state AC relay. The relay features 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)



**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**

<b>Enclosure Material</b>	Halogen free, self-extinguishing fiberglass reinforced polyester (FRP)
<b>Enclosure Color</b>	Black
<b>Voltage</b>	120 VAC
<b>Fan Power</b>	12 Watts each (24 Watts total)
<b>Weight</b>	20.3 lbs (9.2 kg)
<b>Mounting Plate Material</b>	.10" (2.5mm) Thick Anodized Aluminum
<b>Mounting Plate Dimensions</b>	16.8 x 14.8 inches (426 x 375 mm)
<b>Outside Dimensions (max)</b>	19.5 x 17.5 x 9 inches (495 x 444 x 228 mm)
<b>Inside Dimensions</b>	17.7 x 15.7 x 7.6 in. (449 x 399 x 193 mm)
<b>Flame Rating</b>	UL 94-5V
<b>RoHS Compliant</b>	Yes
<b>Cable Feed</b>	1/2" Cable Conduit Connector
<b>Ratings</b>	NEMA 3R, 3RX / IP24

<b>Temperature Controller Specifications</b>	
<b>Fan Setpoint Temperature</b>	+32° C (+90° F)
<b>Hysteresis Window</b>	5° C (9° F)
Contact L-com for custom Fan Setpoints	

Cooling Fans and  
Removable Filters

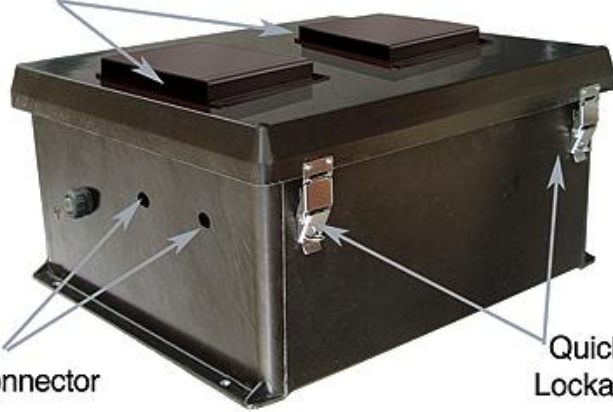
120 VAC  
Mounting Plate



Intake/Exhaust Covers

Grounding Lug

Cable Conduit  
Connector



D-Cut Holes  
for N-Type  
Bulkhead Connector

Quick Release  
Lockable Latches