

## 18"x16"x8" 120 VAC Industrial Enclosure with Mounting Plate and 85° Turn On Cooling Fans - Model: NB181608-10F-1

### 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 cooling system



### Description

The NB181608-10F-1 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 NB181608-10F-1 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. 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 system, internal temperatures can be better maintained. This model is ideal in hot environments.

The NB181608-10F-1 model includes two thermostat-controlled 12W (24W 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 turn on when the internal temperature rises to 85° F (29° C) ±5° and turns off at 67° F (19° C) ±10°. The cooling fans do 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

<b>Enclosure Material</b>	Halogen free, self-extinguishing fiberglass reinforced polyester (FRP)
<b>Enclosure Color</b>	Light Grey (RAL7035)
<b>Voltage</b>	120 VAC
<b>Fan Power</b>	12 Watt (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 in. (426 x 375 mm)
<b>Outside Dimensions (max)</b>	19.5 x 17.5 x 10 in. (495 x 444 x 254 mm)
<b>Inside Dimensions</b>	17.7 x 15.7 x 8.5 in. (449 x 399 x 216 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

Temperature Controller Specifications	
<b>Cooling Fans Turn-on Temperature</b>	+85° F (29° C) ±5°
<b>Cooling Fans Turn-off Temperature</b>	+67° F (19° C) ±10°

