

14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Power Saver Controlled Dual Fans Gray

NB141207-10FSD



Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure with two high flow electronically controlled cooling fans
- Stainless steel quick release latches with padlock hasps
- NEMA Type 3R / IP24 rated
- Fully gasketed raised vented lid with filters & integral mounting flange
- Features aluminum mounting plate with surge protected duplex 120 VAC outlets & solid state controlled cooling system
- Power saver version: dual-fan control, each fan set to different temperature settings

Applications

- Remote wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Hot temperature environments
- Corrosive environments & hotspot
- Protection of equipment from theft or damage

Description

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 integrated mounting flange allows it to be mounted directly to any flat wall surface provided proper screws are used into secure studs. The enclosure can also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits. The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. Includes fully gasketed vented lid with filters & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Plate

The aluminum mounting plate included with the NB141207-10FSD features standard surge protected duplex 120 VAC outlets and a terminal block for easy hook up to the externally provided line power. The enclosure also features holes for two N-Bulkhead Lightning Protectors or Connectors, a grounding lug and cable conduit connector.

Cooling

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure need to be controlled. With the built-in dual cooling fans, internal temperatures can be better maintained. This model is ideal in Hot environments.

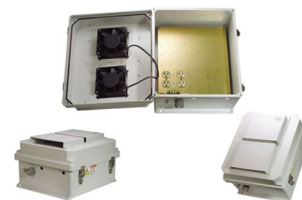
The "Power Saver" feature is designed to reduce electrical usage as well as extend the life of the fans which are controlled by our exclusive dual fan solid state controller. The relays provide independent control for each of the fans with two different turn-on temperatures. The relays also feature Zero Cross Detection for EMI reduction.

For cooling, the NB141207-10FSD comes with two independently controlled 120 VAC 16.4W (32.8W total) cooling fans installed. The high airflow, low noise fans used allow warm air to be actively pushed out the top vent while the second fan on the lower vent when it turns on actively pulls in outside air into the enclosure. Filters for both ports prevent foreign objects or debris from entering the enclosure. The controller features improved temperature set point accuracy. The top fan has a turn-on temperature of 90° F (32° C). If the temperature continues to climb to 100°F (38°C), the lower fan turns on. When the temperature drops back to 91° F (33° C), the lower fan turns off. When the temperature drops to 81°F (27°C), the top fan turns off. The dual fan design offers energy efficiency. The cooling fans do not require the use of any of the AC outlets, leaving them all available for your equipment.

The HGX-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include HGX-PMT13, HGX-PMT16, HGX-PMT28, HGX-PMT29, HGX-PMT30 & HGX-PMT33

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Mechanical Specifications

Size

Outer Height	15.5 in	[393.7 mm]
Outer Width	13.32 in	[338.33 mm]
Outer Depth	8.26 in	[209.8 mm]
Inner Height	14 in	[355.6 mm]
Inner Width Inner	12 in	[304.8 mm]
Depth	7.95 in	[201.93 mm]
Weight	12.5 lbs	[5.67 kg]
Enclosure Material	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

NEMA Rating	3R
Ingress Protection (IP) Rating	IP24
Temperature Continuous	-50 to +150°C

Compliance Certifications

UL Listed	No
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14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Power Saver Controlled Dual Fans Gray from L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components.

URL: <https://www.l-com.com/nema-enclosures-14x12x7-inch-120-vac-weatherproof-enclosure-w-dual-fan-solid-state-controller-p.aspx>

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