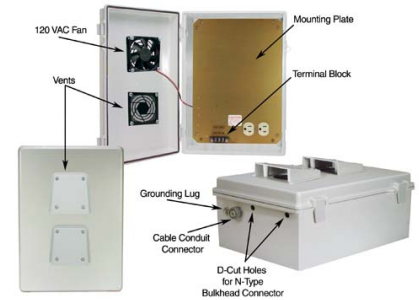# 14x10x06 ABS Plastic Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC Mount Plate, Mechanical Thermostat Fan, Gray

NBE141006-10F

Features

- Injection Molded ABS Resin UV protected enclosure for use in Light-Weight Applications
- Molded quick release latches and a separate padlock hasp
- NEMA Type 3R / IP24 rated
- Fully gasketed Vented lid with filters & user installed wall mounting brackets
- Features aluminum mounting plate with surge protected duplex 120 VAC Outlets & Thermostat Controlled Cooling System

Applications

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

Description

The Enclosure...The box is a rugged, lightweight weatherproof economy enclosure that is ideal for both indoor and outdoor applications. Constructed from injection molded ABS resin, it is well suited for a wide range of temperature or harsh environments. Brass inserts are molded into the back of the enclosure allowing you to install the included wall mounting bracket kit which comes uninstalled and bagged with its hardware inside of the enclosure. Once the brackets are installed the enclosure can be mounted directly to any flat wall surface provided proper screws are used into secure studs. The brackets, once installed, also allow you to use our HGX-PMT pole mount kits. The raised lid features a 2-part molded hinge and molded quick release latches with a locking hasp on the lid. The raised lid is fully gasketed. The enclosure comes with an Aluminum mounting plate. This allows the installer to mount the hardware and components easily, taking advantage of the available space. The enclosure material is UV stabilized and comes in neutral light gray color.

Mounting Plate:

The aluminum mounting plate included with the NBE141006-10F features a standard surge protected duplex 120 VAC outlets and a terminal block for easy hook up to 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 needs to be maintained. With the built-in cooling fan, internal temperatures can be better maintained. This model is ideal in hot environments.

The NBE141006-10F model includes a thermostat-controlled 6.8W (Max.) fan. The high airflow, low noise fan used allows warm air to be actively pushed out while the lower vent passively pulls in outside air into the enclosure. Filters for both ports prevent foreign objects or debris from entering the enclosure. The fan turns on when the internal temperature rises to 120° F (49° C) ±5° and turns off at 90° F (32° C) ±10°. The cooling fan does 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
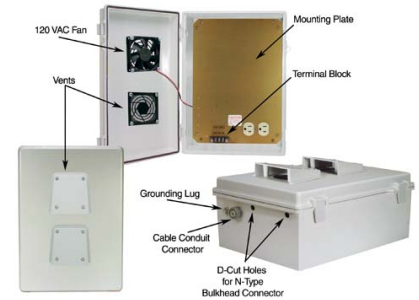
Mechanical Specifications

Size

Outer Height	14.6 in	[370.84 mm]
Outer Width	10.6 in	[269.24 mm]
Outer Depth	6 in	[152.4 mm]
Inner Height	13.6 in	[345.44 mm]
Inner Width Inner	9.7 in	[246.38 mm]
Depth	5.4 in	[137.16 mm]
Weight	5.5 lbs	[2.49 kg]
Enclosure Material	ABS Plastic	

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14x10x06 ABS Plastic Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC Mount Plate, Mechanical Thermostat Fan, Gray

NBE141006-10F

Environmental Specifications

NEMA Rating	4
Ingress Protection (IP) Rating	IP66

Compliance Certifications

UL Listed	No

14x10x06 ABS Plastic Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC Mount Plate, Mechanical Thermostat Fan, 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-14x10x6-inch-120-vac-abs-weatherproof-enclosure-with-cooling-fan-p.aspx

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NBE141006-10F CAD Drawing

14x10x06 ABS Plastic Weatherproof Outdoor IP24 NEMA 3R Enclosure,
120 VAC Mount Plate, Mechanical Thermostat Fan, Gray

9.09 [231]

13.03 [331]

6.02 [153]

4X M5 X 0.8 INSERT FOR MOUNTING

1/2IN CONDUIT CONNECTOR

.578 [14.68]

Ø .625 [15.88]

DETAIL A
2 PLACES

Ø .240 [6.1] PADLOCK EYE

LID NOT SHOWN FOR CLARITY

HIDDEN LINES REPRESENT COMPONENTS ON BACK OF PLATE -DO NOT DRILL-

10.61 [269.4]
9.86 [250.4]
13.82 [351]
14.57 [370.1]

3.32 [84.3]
9.94 [252.4]
8.63 [219.2]
5.13 [130.3]
3.25 [82.5]
1.50 [38.1]
0

4.93 [125.3]
1.21 [30.7]
1.05 [26.7]
3.81 [96.8]
3.55 [90.2]

A

GROUND LUG

REVISION
ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	B	ECO-14986	10/02/2025	KGLEBOVA	MMARTINEZ