12x10x06 Stainless Steel Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat 85F Turn on Fan

NBSS121006-10F-1

Features

- 16ga. Brushed 304 Stainless Steel
- 304 Stainless steel latch with padlock eye
- NEMA Type 3R / IP24 rated

- Fully gasketed vented lid with filters, integral welded mounting flange & 316 Stainless steel hinge and removable pin
- Features aluminum mounting plate with surge protected duplex 120 VAC outlets & thermostat controlled cooling system

Applications

- Electrical & Electronics Instruments, Controls & Components, Wireless LAN WiFi equipment
- Indoor and outdoor installations

- Rapid Deployment Installations
- EMI/RFI Sensitive environments/equipment
- 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 16ga. Brushed 304 Stainless Steel that provides superior protection against corrosion, chemicals and wet conditions. The enclosure is constructed with UV protected and impact resistant material to ensure protection in any environment. The lid includes two vents with installed rain guards and filters. The integrated welded mounting flange allows the enclosure 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 range of pole diameters with one of our optional pole mounting hardware kits. The fully gasketed lid features a 316 stainless steel removable hinge pin that allows for quick removal & reattachment with only a pair of pliers. The enclosure comes with a 304 stainless steel latch with padlock eye allowing you to secure the enclosure from tampering.

Mounting Plate

The aluminum mounting plate included with the NBSS121006-10F-1 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 needs to be maintained. With the built-in cooling fan, internal temperatures can be better maintained. This model is ideal in Hot environments.

The NBSS121006-10F-1 model includes a thermostat-controlled 6.8W 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 85° F (29° C) ±5° and turns off at 67° F (19° 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

Size

Outer Height	13.5 in	[342.9 mm]
Outer Width	11.25 in	[285.75 mm]
Outer Depth	5.83 in	[148.08 mm]
Inner Height	13.3 in	[337.82 mm]
Inner Width	10 in	[254 mm]
Inner Depth	5.69 in	[144.53 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 12x10x06 Stainless Steel Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat 85F Turn on Fan

12x10x06 Stainless Steel Weatherproof Outdoor IP24 NEMA 3R Enclosure,
120VAC Mount Plate Mechanical Thermostat 85F Turn on Fan

NBSS121006-10F-1

Weight	16.5 lbs [7.48 kg]
Enclosure Material	304 Stainless Steel

Environmental Specifications

Temperature Rating	-40° to 320°F [-40° to 160°C]
NEMA Rating	3R
Ingress Protection (IP) Rating	IP24

Compliance Certifications

UL Listed	No

12x10x06 Stainless Steel Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat 85F Turn on Fan 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. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 12x10x06 Stainless Steel Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat 85F Turn on Fan NBSS121006-10F-1
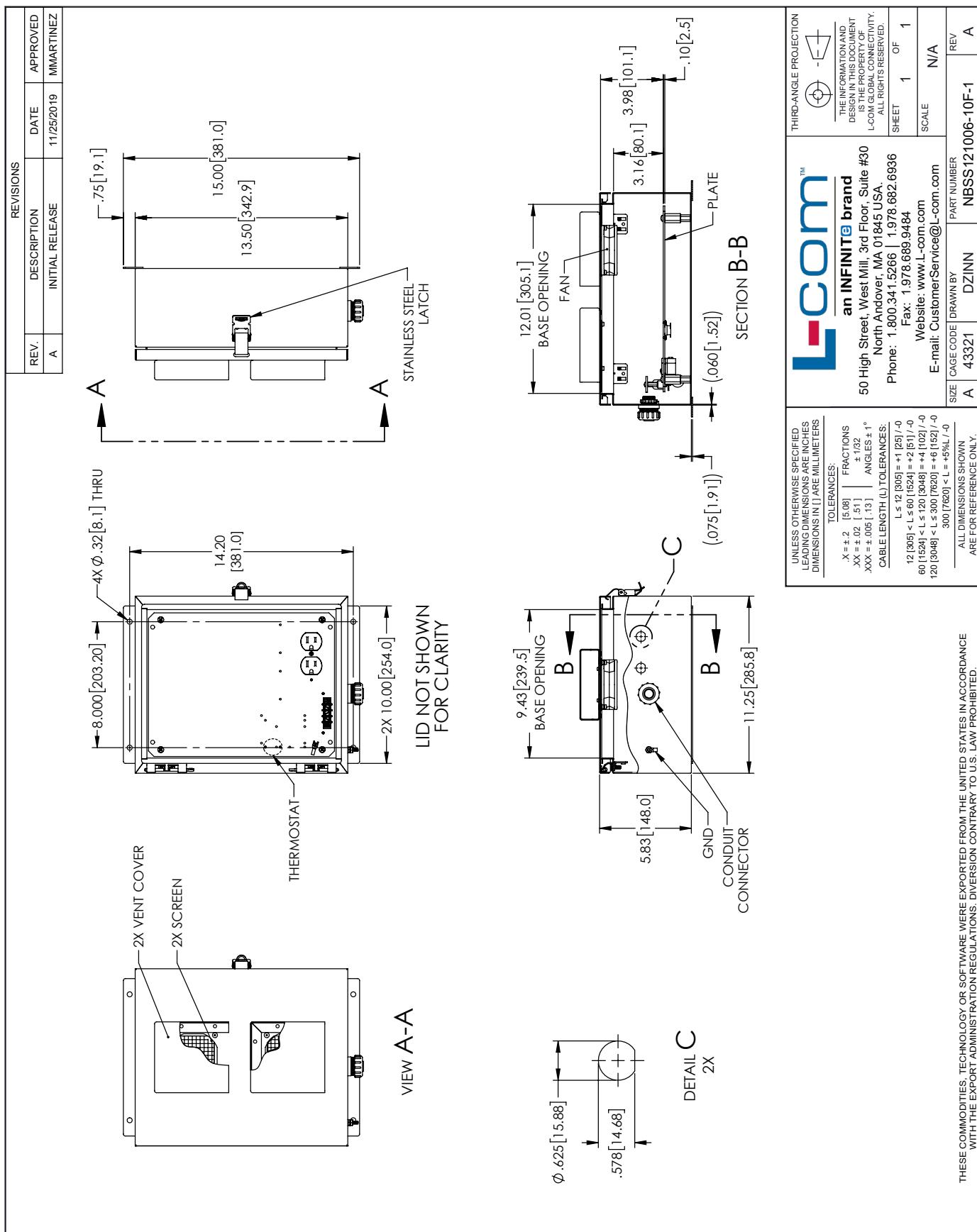
URL: https://www.l-com.com/nema-enclosures-12x10x06-stainless-steel-weatherproof-nema-3r-encl-120vac-mount-plate-mech-therm-85-degreef-turn-on-fan-p.aspx

12x10x06 Stainless Steel Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120VAC Mount Plate Mechanical Thermostat 85F Turn on Fan

L-com CAD Drawing

STAINLESS STEEL LATCH

15.00 [381.0]

13.50 [342.9]

.75 [19.1]

A

A

4X Ø.32 [8.1] THRU

14.20 [381.0]

8.000 [203.20]

2X 10.00 [254.0]

LID NOT SHOWN FOR CLARITY

THERMOSTAT

2X VENT COVER

2X SCREEN

VIEW A-A

SECTION B-B

FAN

PLATE

3.98 [101.1]

3.16 [80.1]

.10 [2.5]

12.01 [305.1] BASE OPENING

(.060 [1.52])

(.075 [1.91])

B

B

C

9.43 [239.5] BASE OPENING

11.25 [285.8]

5.83 [148.0]

GND

CONDUIT CONNECTOR

DETAIL C 2X

Ø.625 [15.88]

.578 [14.68]

UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

	FRACTIONS:
.X = ± .2 [5.08]	± 1/32
.XX = ± .02 [.51]	ANGLES ± 1°
.XXX = ± .005 [.13]	

CABLE LENGTH (L) TOLERANCES:
L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/25/2019	MMARTINEZ

T-Rev.D