

NEMA ICE BOX-HEATER

Weatherproof Enclosure with Dual Point Temperature Controller



- Molded Fiberglass Reinforced Polyester (FRP) industrial Enclosure
- NEMA Type 3R, 3RX / IP24 rated
- Custom housing for various IC Realtime Recorders and Cameras
- Fully gasketed raised Vented lid with removable filters & integral mounting flange
- Stainless steel quick release latches with padlock hasps
- Aluminum mounting plate with surge protected duplex 120 VAC outlets
- Thermostat Controlled Heating & Cooling System

System Overview

The NEMA ICE BOX-HEATER is a fully customizable housing used with various IC Realtime recorders and cameras for the outdoor applications subjected to wide extreme hot and cold environments thanks to its 200 watt heating elements and two cooling fans. Constructed from molded fiberglass reinforced polyester, the enclosure is a rugged weatherproof design that is well suited for installations subjected to hard rain, heat or snow. Inside the box is a large aluminum mounting plate with four 120 VAC outlets to power internal devices.

Combined with your choice of IC Realtime cameras and recorders, the NEMA ICE BOX-HEATER is a fully weatherproof and vandal proof self-contained device with all required components (cooler, network equipment, power supply, UPS , and LCD monitor).

Functions

Mounting Plate

Included is an aluminum plate, featuring a large unobstructed area to mount equipment. Standard are four 120 VAC outlets to power internal equipment. A convenient terminal strip provides a point to connect the AC line. The mounting plate also has provisions to mount Recorders, cameras and Wireless equipment.

Hot and Cold Environments

The NEMA BOX LG-HEATER features two 120 VAC 200 watt heating elements and two 120 VAC cooling fans. The internal temperature regulation makes the enclosure ideal for Extreme Hot and Cold/ Snow Environments. The fans and heaters are controlled by HyperLink's exclusive solid-state temperature controller that feature Zero Cross Detection for EMI reduction. The controller is discreetly mounted underneath the plate.

Lightning Protection

Surge protection is provided as a standard feature on the internal AC outlets. In addition, the unit can accept up to two optional bulkhead-mount N-Type lightning protectors to protect the coaxial cable runs.

Technical Specification

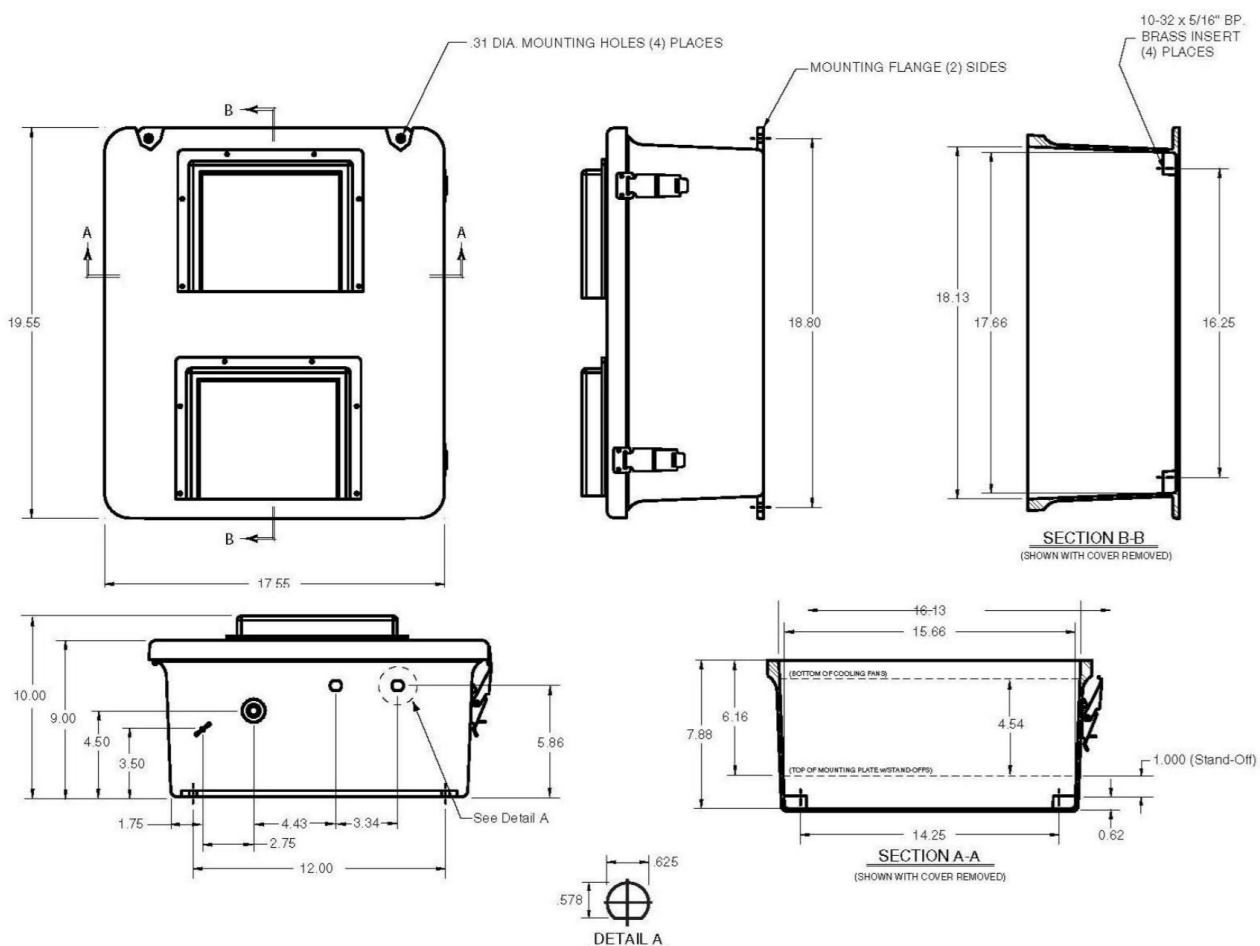
System Overview

Material	Fiberglass Reinforced Polyester
Color	Machine Tool Gray
Voltage	120 VAC
Fan Power	12 Watts each (24 Watts total)
Heater Power	200 Watts each (400 Watts total)
Mounting Plate Material	.10 in. (2.5mm) Thick Anodized Aluminum
Mounting Plate Dimensions	16.8 x 14.8 inches (42.6 x 37.5 cm)
Outside Dimensions	19.5 x 17.5 x 10 inches(49.5 x 44.4 x 25.4cm)
Inside Dimensions	17.7 x 15.7 x 8.5 inches(44.9 x 39.9 x 21.6 cm)
Weight	21.8 lbs (9.9 kg)
Flame Rating	UL 94-5V
Cable Feed	1/2" Cable Conduit Connector
RoHS Compliant	Yes
Rating	NEMA Type 3R, 3RX/ IP24

Temperature Controller Specification

Fan Setpoint Temperature	+34° C (+93° F)
Heater Setpoint Temperature	-9° C (+16° F)
Hysteresis Window	5° C (9° F)

Dimensions (mm/in)



Applications

