12"x10"x5" 120 VAC Weatherproof Industrial Enclosure with Mounting Plate, Solid State Thermostat Controlled Cooling Fan & Heater - Model: NB121005-1HFS

Applications

- Remote Wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid Deployment installations
- Hot/cold and corrosive environments
- Security and surveillance equipment installations

Features

- Molded fiberglass reinforced polyester (FRP) enclosure with integral mounting flanges
- Fully gasketed vented lid with stainless steel quick release latches with padlock hasps
- NEMA Type 3R, 3X / IP24 rated
- Features aluminum mounting plate with surge protected duplex 120 VAC Outlet
- Solid state thermostat controlled heating and cooling system

Description

The NB121005-1HFS 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 NB121005-1HFS 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.

120 VAC Mounting Plate with Lightning Protection

The aluminum mounting plate features a standard surge protected, duplex 120 VAC outlet 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.

Ideal for Hot and Cold Environments

The NB121005-1HFS comes with a 120 VAC 200 watt heating element and 120 VAC cooling fan. The fan and heater are controlled by HyperLink's exclusive solid-state temperature controller. The standard unit has a fan turn-on temperature of +93° F (34° C) ±5° and a heat turn-on temperature of +16° F (-9° C) ±5°. The controller features improved temperature setpoint accuracy and can be factory modified for other temperature setpoints. The heater and fan are controlled by two integral high current solid state AC relays. The relays feature Zero Cross Detection for EMI reduction. No extra room for the controller or heater element is required since they are mounted underneath the plate. The high airflow, low noise fan used allows air to be pushed or pulled through the enclosure. Filters for both ports are easily removable for cleaning and replacement. The cooling fan does not require the use of any of the AC outlets, leaving them all available for your equipment.

Specifications

Enclosure Material	Halogen free, self extinguishing fiberglass reinforced polyester
Enclosure Color	Light Grey
Voltage	120 VAC
Heater Power	200 Watts
Fan Power	7.5 Watts Max.
Weight	9.3 lbs (4.2 kg)
Mounting Plate Material	.10" (2.5mm) Thick Anodized Aluminum
Mounting Plate Dimensions	12 x 9.13 inches (30.5 x 23.2 cm)
Outside Dimensions (max)	13.32 x 11.32 x 5.60 inches (38.83 x 28.75 x 14.22 cm)
Inside Dimensions	12.00 x 10.00 x 5.27 inches (4.69 inches plate to cover) (30.48 x 25.40 x 13.39 cm)
Flame Rating	UL 94-5V
RoHS Compliant	Yes
Cable Feed	1/2" Cable Conduit Connector
Ratings	NEMA Type 3R, 3X / IP24

Temperature Controller Specifications	
Fan Setpoint Temperature	+34° C (+93° F)
Heater Setpoint Temperature	-9° C (+16° F)
Hysteresis Window	5° C (9° F)
Contact us for custom Fan/Heat Setpoints	

Sealed Lid — Cooling Fan & Filter — 120 VAC Mounting Plate with Heaters (Heaters mounted on backside of plate) — Removable Filter — Cable Conduit Connector — Ground Lug — D-Cut Holes for N-Type Bulkhead Connector — Quick Release Lockable Latches