TRANSTECTOR
an INFINITE brand

14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Thermostat Heat & 85F Turn on Fan Gray



TEF141207-1HF-1

Features

- Molded Fiberglass Reinforced Polyester (FRP) enclosure with integral mounting flanges
- Fully gasketed lid with stainless steel quick release latches with padlock hasps
- NEMA Type 3R / IP24 rated
- Aluminum mounting plate with surge protected duplex 120 VAC outlets
- Thermostat controlled heating and cooling system

Applications

- Remote wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Rapid deployment installations
- Corrosive environments & hotspot
- Security and surveillance equipment installations

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 mounting flange allows it to be wall mounted as well as on a flat surface. The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. Includes fully gasketed raised vented lid with filters & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

120 VAC Mounting Plate with Lightning Protection

The aluminum mounting plate features standard surge protected duplex 120 VAC outlets 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.

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure needs to be maintained. With the built-in heater and cooling fan, internal temperatures can be better maintained. This model is ideal in hot and/or cold environments.

The TEF141207-1HF-1 includes a thermostat-controlled 200W heating system and cooling fan. The heater turns on when the internal temperature drops to 40° F (4° C) ±7° and turns off at 60° F (15° C) ±5°. The heater does not require the use of any of the AC outlets, leaving them all available for your equipment. No extra room for the heater is required since it is mounted underneath the plate.

For cooling, the thermostat-controlled high airflow, low noise 12W (max) 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°. Like the heater, the cooling fan does not require the use of any of the AC outlets, leaving them all available for your equipment.

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	12 in	[304.8 mm]

Click the following link (or enter part number in “SEARCH” on website) to obtain additional part information including price, inventory and certifications: 14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 120 VAC MNT PLT, Thermostat Heat & 85F Turn on Fan Gray TEF141207-1HF-1

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Inner Depth	7.95 in	[201.93 mm]
Weight	12.5 lbs	[5.67 kg]
Enclosure Material and Plating	Fiberglass Reinforced Polyester (FRP)	

Environmental Specifications

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

Environmental Specification Notes:
Enclosure material is halogen-free, self-extinguishing FRP.

Compliance Certifications

UL Listed	No

Transtector Systems specializes in protection of highly sensitive, low voltage equipment through its patented, non-degrading silicon diode technology and custom filters. Our power quality expertise translates into a diverse product offering including AC, DC, and signal applications as well as integrated cabinets, power distribution panels and EMP hardened devices.

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TEF141207-1HF-1 CAD Drawing

