

14x12x07 Fiberglass Reinforced Polyester FRP Weatherproof
 Outdoor IP24 NEMA 3R Enclosure, 240 VAC
 MNT PLT, Mechanical Thermostat Fan Gray



TEF141207-20F

Features

- Molded Fiberglass Reinforced Polyester (FRP) industrial enclosure
- Stainless steel quick release latches with padlock hasps
- NEMA Type 3R / IP24 rated
- Fully gasketed raised vented lid with filters & integral mounting flange
- Features aluminum mounting plate with 240 VAC terminal strip & thermostat controlled cooling system

Applications

- Remote wireless LAN WiFi equipment installations
- Indoor and outdoor installations
- Hot temperature environments
- Corrosive environments & hotspot
- 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 molded fiberglass reinforced polyester, it is well suited for high temperature or corrosive environments. The integrated mounting flange allows it to be mounted directly to any flat wall surface provided proper screws are used into secure studs.

The enclosure can be also be mounted to a wide diameter range of poles with one of our optional pole mounting hardware kits.

The raised lid features a stainless steel continuous hinge and stainless steel quick release latches with padlock hasps. Includes fully gasketed vented lid with filters & integral mounting flange. The enclosure material is UV stabilized and comes in machine tool gray.

Mounting Plate

The modified aluminum mounting plate included with the TEF141207-20F comes pre-drilled and cut holes and a 240VAC terminal block for easy

hook up to externally provided line power to use as needed to mount WLAN equipment or whatever equipment you may require. The enclosure also features holes for two N-Bulkhead lightning protectors or connectors, a grounding lug, and a cable conduit connector.

Cooling

To help ensure trouble-free operation of electronic equipment, proper operating temperatures inside an enclosure need to be controlled.

With the built-in cooling fan, internal temperatures can be better maintained. This model is ideal in hot environments.

For cooling the TEF141207-20F model includes a thermostat-controlled 18W fan. The high airflow, low noise fan used

allows warm air to be actively pushed out the top vent 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 TEF-PMT series of pole mounting kits allow the populated enclosure to be securely mounted to a variety of different size poles.

Compatible versions include TEF-PMT13, TEF-PMT16, TEF-PMT28, TEF-PMT29, TEF-PMT30 & TEF-PMT33

Mechanical Specifications

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]
Inner Depth	7.95 in	[201.93 mm]
Weight	10.81 lbs	[4.9 kg]

14x12x07 Fiberglass Reinf Polyester FRP Weatherproof
Outdoor IP24 NEMA 3R Enclosure, 240 VAC
MNT PLT, Mechanical Thermostat Fan Gray



TEF141207-20F

Enclosure Material

Fiberglass Reinforced Polyester (FRP)

Environmental Specifications

Temperature Continuous
NEMA Rating
Ingress Protection (IP) Rating

-50 to +150°C
3R
IP24

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.

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, 240 VAC MNT PLT, Mechanical Thermostat Fan Gray TEF141207-20F](https://www.transtector.com/14x12x07-fiberglass-reinf-polyester-frp-weatherproof-outdoor-tef141207-20f-p.aspx)

URL: <https://www.transtector.com/14x12x07-fiberglass-reinf-polyester-frp-weatherproof-outdoor-tef141207-20f-p.aspx>

The information contained within this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part in order to implement improvements. Transtector reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Transtector does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Transtector does not assume liability arising out of the use of any part or document.

TEF141207-20F CAD Drawing

14x12x07 Fiberglass Reinf Polyester FRP Weatherproof Outdoor IP24 NEMA 3R Enclosure, 240 VAC MNT PLT, Mechanical Thermostat Fan Gray

