

General

GTE OUTDOOR FREE STAND/WALL/POLE MOUNT CABINETS was designed for outdoor installation of integrated solutions of telecommunications, energy and shelter equipment in various contexts.

The GTE Outdoor Wall-Mount Cabinets, characterized by its high efficiency, quality, robustness and security, was designed to provide a natural cooling and control of condensation, prevent access by unqualified persons and protect the contents from weather and vandalism acts. Its functionality and scalability, offers to your project, a wide range of configurations and options such air conditioning systems, access control and remote monitoring.



Standard Setup / Options

- J (1x) Chassis structure
- J (1x) Top / Side Module prepared to ventilation system
- J (1x) Front Door w/ Double Wall Sheet:
 - o Sealing gasket
 - o (1x) Door Lock
 - o Ventilation grids to natural ventilation
- J (1x or 2x) Filters to condensation control and ventilation impurities
- J (1x or 2x) 19" Rack Mounting Profiles w/ Adjustable depth system
- J (1x) Bottom prepared for application of conical cable glands
- J COLOUR: RAL 7035 / RAL 7032

Feature

- The interior can be fully configurable, which is a huge advantage to your projects when it is necessary to create and develop installation layouts.
- Small size is unobtrusive in residential deployments

- Sealing structure against outdoor environmental conditions
- Different Cabinet sizes to meet different application
- Excellent routing, storage, protection and management functions .
- Cabinet housing is made from Unflamable painted steel with thickness 2mm. non-corrosive.
- Electrostatic powder Coated vertical fixed columns for mounting Switch & panel
- Water and dust proof lockable cabinet
- Single Skin Wall Cabinet & Double Skin Wall (15mm cavity) Cabinet with insulation (Rock Wall / Glass Wall)
- Fan hood On Front Door with Louvers to eliminate cabinet hot air
- Fully adjustable 19" mounting Channels, mounting rails can be adjusted as per requirement
- Pole Mount, Tower Mount & Wall mount through single arrangement Pole
- Cable Entry through IP PG Glands Options PG 11, PG 16, PG 19, PG 25, PG 29, PG 36
- Operating temperature Up to 65 ° C.
- Cabinet is IP 55/ IP 65 & IP66.

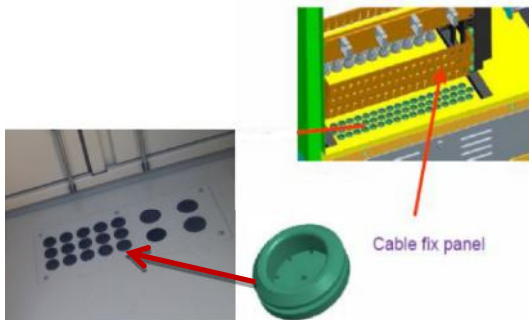
Standards and CE compliance

-) 19” according EIA 310 D / DIN 41 494 / IEC 60 297
-) IP55 and IP65 according DIN 400 50 / IEC 60 529
-) European directives 2014/35/CE (Low Voltage Electrical Equipment)
-) European directives 2014/53/CE (telecommunications terminal equipment)



Protection against vandalism, forcible entry and damage

New GE-OD designed enclosures are hard to break in to thanks to a robust construction and quality material with concealed hinges. Special coating ensure anti-graffitti, anti-poster.



Scalability and Accessories

The ability to increase value in your installation, was previously thought in the design and manufacturing process, so scalability is ensured. A wide range of components and accessories are available:

-) Ventilation Systems
-) Filters
-) Door sensors to check open doors
-) Document Holder
-) Internal metallic installation plates
-) Air-conditioning systems
-) Bottom Bases with specific drilling to cable gland, roxtec and brush strip cable entry
-) Fixed or Slide Shelf
-) Blanking panels or perforate panels (U's)
-) Lighting Kits
-) PDU and Power strips (simple or w / switch)
-) Electrical box chassis / box
-) Equipment initialization strip

GE – Outdoor Cabinet

VENTILATION & AIR COOLING OPTIONS:

A. Fan and Filter Solution:

This solution is designed for small application that not require any kind of cooling and just need to maintain a kind of air flow to get rid of heat dissipated through an exhaust and blow process .

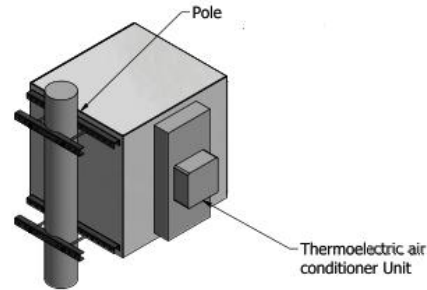
- Fan Specification 48Vdc/76W/IP44.
- Fan Speed Control Temperature Regulated.



B. Thermoelectric Solution for Cooling.

This kind of cooling is coming in medium function between Fan solution that can't withstand against high temperature and air conditioned cooling solution that may not be the economic and cost effective solution for application with small space requirements and no need for low ambient temperature.

-) Capacity : 50/100/150/200/300 and 500 Watt
-) Operating Temp: Up to 55 degree C
-) Temperature control : Adjustable thermostat
-) Power: 48V DC @8.5AMPS



C. Air Conditioning Unit

Proper solution for heavy duty and large scale applications that required low ambient temperature.

(AC Powered):

- Cooling Capacity (at 35C/35C)750W at 50HZ / 645W at 60HZ.
- Heat Capacity 500W Built-in.
- Power Input 230Vac+/- 10%, 50/60 HZ.

C. Air Conditioning Unit

(DC Powered):

- Cooling Capacity (at 35C/35C) 520W.
- Heat Capacity 500W Built-in.
- Power Input 48VDC normal (46Vdc-56Vdc).



ACCESSORIES:

- Cable Entry Gland
- Heat Shrink Splice Tray
- Splice Tray Cover
- Heat Shrink Splice Protectors
- Installation instruction

Ordering Sizes & Classification

Double Sheet Housing With 15mm Thickness Insulation					
Model	Height (H)	Width (mm) (W)		Depth (mm) (D)	
GE-OD-4-D-XX	4U	800	600	450	600
GE-OD-6-D-XX	6U	800	600	450	600
GE-OD-9-D-XX	9U	800	600	450	600
GE-OD-12-D-XX	12U	800	600	450	600
GE-OD-15-D-XX	15U	800	600	450	600
GE-OD-18-D-XX	18U	800	600	450	600
GE-OD-24-D-XX	24U	800	600	450	600

Single Sheet Housing					
Model	Height (H)	Width (mm) (W)		Depth (mm) (D)	
GE-OD-4-S-XX	4U	800	600	450	600
GE-OD-6-S-XX	6U	800	600	450	600
GE-OD-9-S-XX	9U	800	600	450	600
GE-OD-12-S-XX	12U	800	600	450	600
GE-OD-15-S-XX	15U	800	600	450	600
GE-OD-18-S-XX	18U	800	600	450	600
GE-OD-24-S-XX	24U	800	600	450	600

*customer logo printed on door as per request with extra cost.