RLH Industries, Inc.
Fiber Optic Link

The leader in rugged, fiber optic technology

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18" x 16" x 10" – Fiberglass Enclosure

Small Outdoor Weatherproof Fiberglass Equipment Enclosure

This NEMA 4X fiberglass reinforced polyester enclosure features a fire treated and painted plywood backboard for easy field installation of communication devices and equipment in indoor or outdoor environments. The enclosure is UL Listed, non-corrosive, non- conductive, light weight, and easy to modify. The added water and dust proof NEMA 4X vents provide convection cooling to further protect installed equipment. Enclosures can be secured with a padlock and easily installed onto a wall or strut mounting.

Customized enclosures and turn-key solutions to fit your specific applications needs are available from the RLH Industries design group. Please contact an RLH sales representative for more information about our enclosure modification and design program.

18" x 16" x 10" – Fiberglass Enclosure

Key Features

- Weatherproof design for outdoor use
- Heavy duty fiberglass enclosure
- Fire treated and painted ¾" plywood backboard
- Polyurethane gasket for weathertight door seal
- Weatherproof NEMA 4X side and bottom vents
- 7 position ground bar, accepts #10 to #1/0 AWG ground wire
- Two stainless steel pad lockable latches
- Wall/Strut mounting flange, optional pole mount kit available
- Factory installed options available: include fans, heaters, thermostats, and more
- Made in USA

Open Showing Backboard

Enclosure Features

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Ordering Information

Description	Part Number
18" x 16" x 10" Fiberglass Enclosure with Treated 3⁄4" Wood backboard	RLH-181610-F-1

Key Specifications

Construction

Material:	Fiberglass
Weight Enclosure:	18 lbs. / 8.2kg
Exterior Dimensions:	17.6" (W) x 9.6" (D) x 19.3" (H), (448mm x 244mm x 491mm)
	*not including pole mount bracket
Usable interior Depth:	6.7" to 8.0" (varies with document pocket on door)
Venting:	NEMA 4X Vents to provide air circulation, 1 side vent, 1 bottom vent

Mounting

Wall/Strut Mounting via Molded Flange
Accommodates ¼" bolt for wall or strut mounting

Access

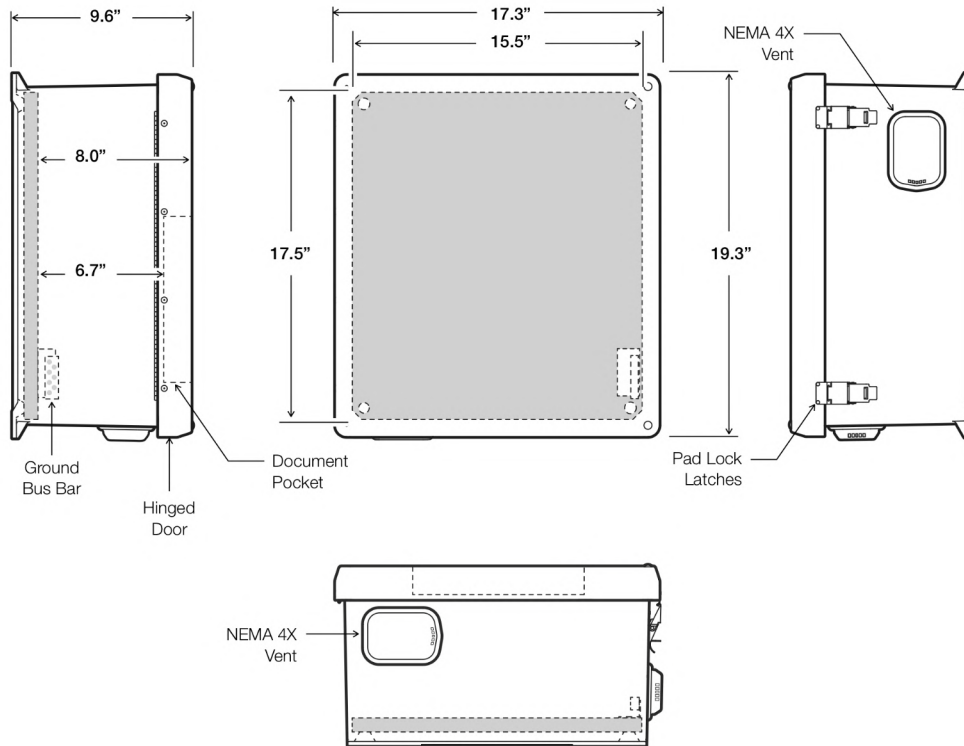Hinged door with weatherproof gasket seal
Pad lockable latches

Interior Details

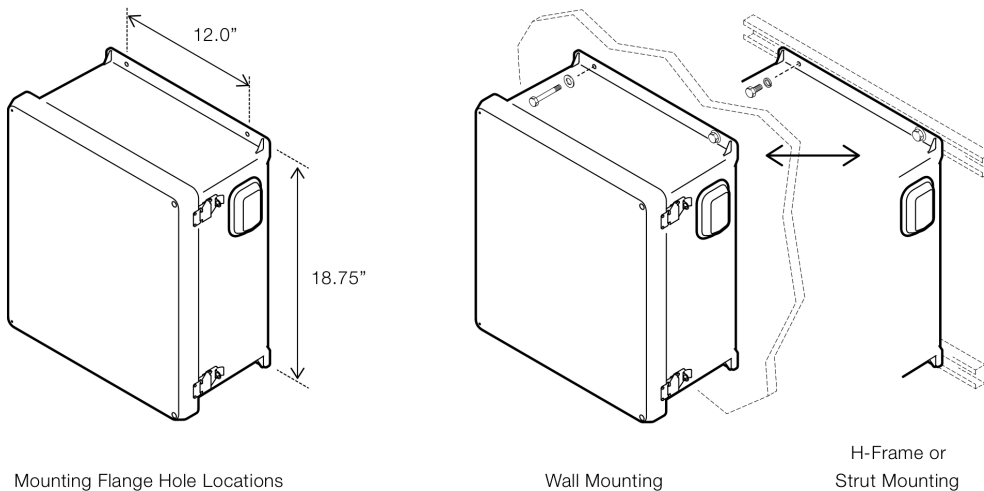|	
Usable Backboard:	15.5" (W) x H 17.5" (H)
Backboard Type:	¾" thick fire treated, painted plywood
Ground Bus:	7 position ground wire capacity (Qty. 4 – #10 to #6 AWG, Qty. 3 – #10 to #1/0 AWG)

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Dimensions

Use the drawing below for external dimensions, features, and internal equipment space.

9.6"
17.3"
15.5"
NEMA 4X Vent
8.0"
6.7"
17.5"
19.3"
Ground Bus Bar
Document Pocket
Hinged Door
Pad Lock Latches
NEMA 4X Vent

Wall Mounting

Locate the mounting holes on the mounting flange of the enclosure and use appropriate hardware for application.
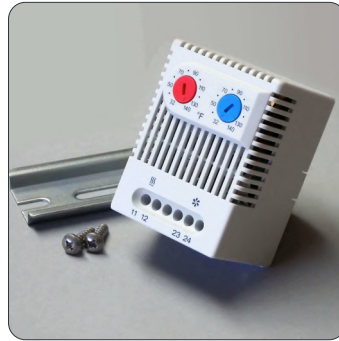

12.0"
18.75"

Mounting Flange Hole Locations

Wall Mounting

H-Frame or Strut Mounting

Optional Equipment

RLH fiberglass enclosures are available with optional equipment for specific applications through our factory modification service. Please contact an RLH sales representative for additional information.

Auxilliary Fan Kits

Combination Heater/Fan Kits

Heater Kits

Standard Mini Fan Kits

Contact

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