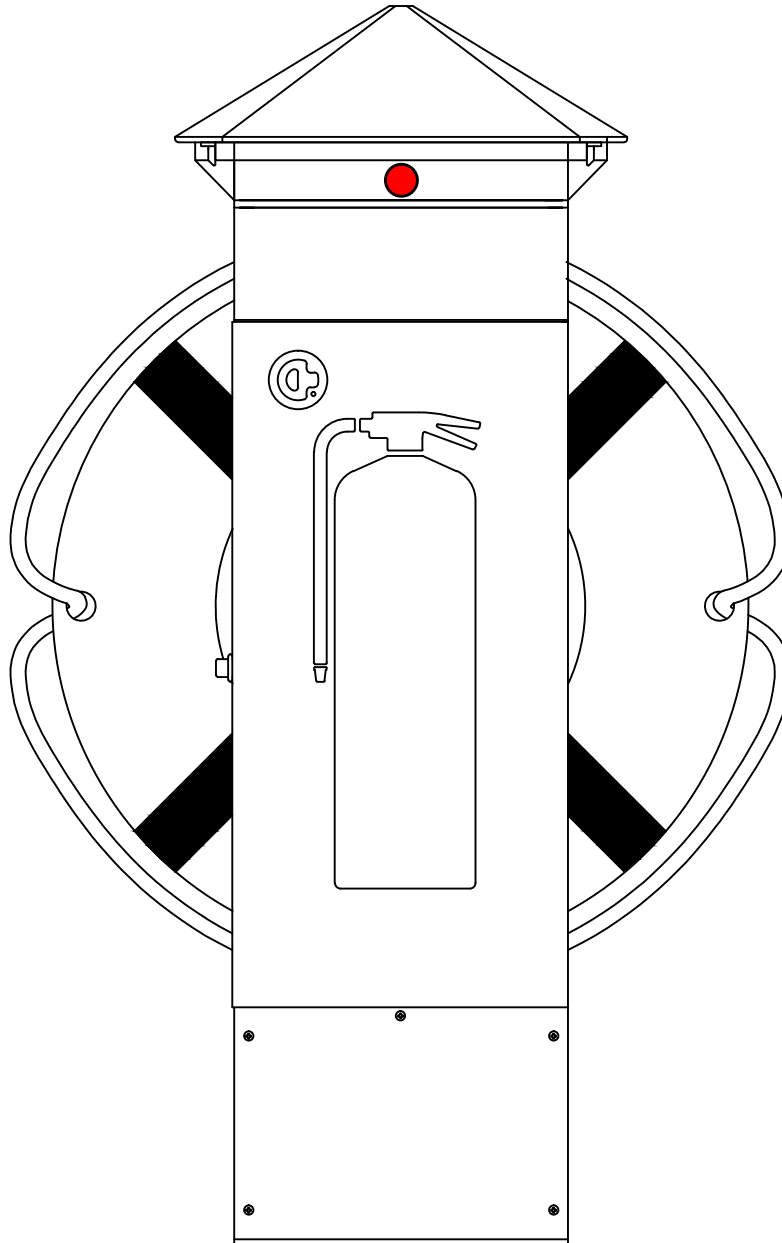




Fire Station
FS1020

General Specifications



Marina Electrical Equipment, Inc.
100 Warwick Court
Williamsburg, VA 23185
Toll Free: 1-855-258-3939
Fax: 1-757-258-3988



General Specifications - Fire Station FS1020

ALL Fire Station SAFETY PEDESTALS SHALL MEET THE FOLLOWING SPECIFICATIONS:

SECTION A: ACCEPTABLE MANUFACTURERS:

Marina Electrical Equipment, Inc.
100 Warwick Court
Williamsburg, VA 23185
Toll Free: 1-855-258-3939
Web: www.marinaelectricequipment.com

SECTION B: GENERAL REQUIREMENTS

1. Shall be listed and marked, tested and certified to conform to Standard ANSI/UL® 2017 entitled "General Purpose Signaling Devices and Systems."
2. Shall be compliant with all sections of the latest edition of NFPA® 303, "Fire Protection Standards for Marinas and Boatyards."
3. Shall have the option to be equipped with either 10-pound or 20-pound USCG-Approved Type ABC Fire Extinguisher.
4. Shall have the option to be equipped with a USCG-Approved 24" throwable life ring.
5. Shall have the option to be equipped with an audible alarm and indicator light which activates with the removal of the optional life ring and/or fire extinguisher.

SECTION C: CONSTRUCTION REQUIREMENTS

1. All materials and components used in the construction of the power pedestal shall be listed.
2. **Main Housing:** Shall be constructed of 22-gauge 316L stainless steel and shall be powdercoated with polyester resin and processed to withstand a saltspray without peeling or separating. The housing shall be listed as a NEMA® Type 3R weatherproof enclosure.
3. **Access Panels:** Shall be constructed of 22-gauge 316L stainless steel and be flush-mounted.
4. **Top:** Shall be constructed of 3/16" thick injection-molded listed polycarbonate and shall be covered with a UV-resistant 2-part polyurethane coating.
5. **Lens:** Shall be constructed of 3/16" thick injection-molded listed clear or amber-colored polycarbonate.
6. **Mounting Base:** Shall be constructed of 1/4" thick injection-molded polycarbonate and isolate the bottom of the pedestal housing from the mounting surface to shield against the corrosive effects of concrete and pressure-treated wood decking. The base shall include a non-metallic gland plate designed to prevent the intrusion of water and other items into the unit after installation.
7. **Hardware:** Shall be stainless steel, Phillips® drive.

SECTION D: LIGHTING

1. Each power pedestal shall contain a non-metered lighting assembly.
2. Lighting assembly shall be a readily available, commercially manufactured LED that is controlled by an electromechanical photocell. Optional helical compact fluorescent bulbs are also available.
3. The electromechanical photocell shall be internally mounted with no exposed external components.
4. Lighting assembly shall be protected by a 5-ampere fuse.
5. Standard lighting assembly shall provide 360° downward illumination and provide minimum dock lighting of one foot-candle at 15 feet and not interfere with boater navigation.
6. Lighting assembly shall illuminate the fire extinguisher cabinet.

SECTION E: WIRING & TERMINAL BLOCK

1. Fire Station shall be completely factory pre-wired to the load side of the terminal block assembly.
2. Electrical wiring shall be high-stranding tin-plated copper THHW/MTW VW-1 Boat Cable rated for 105°C.
3. Maximum standard terminal block load shall not exceed 15 amperes at 125VAC.
4. All exposed metallic parts shall be grounded as part of the integral equipment ground.

SECTION F: AUDIBLE ALARM AND INDICATOR LIGHT (OPTIONAL)

1. The optional audible alarm shall output a minimum 100DBA, and the indicator light shall activate simultaneously with the removal of the optional life ring and/or fire extinguisher.

General Specifications - Fire Station FS1020

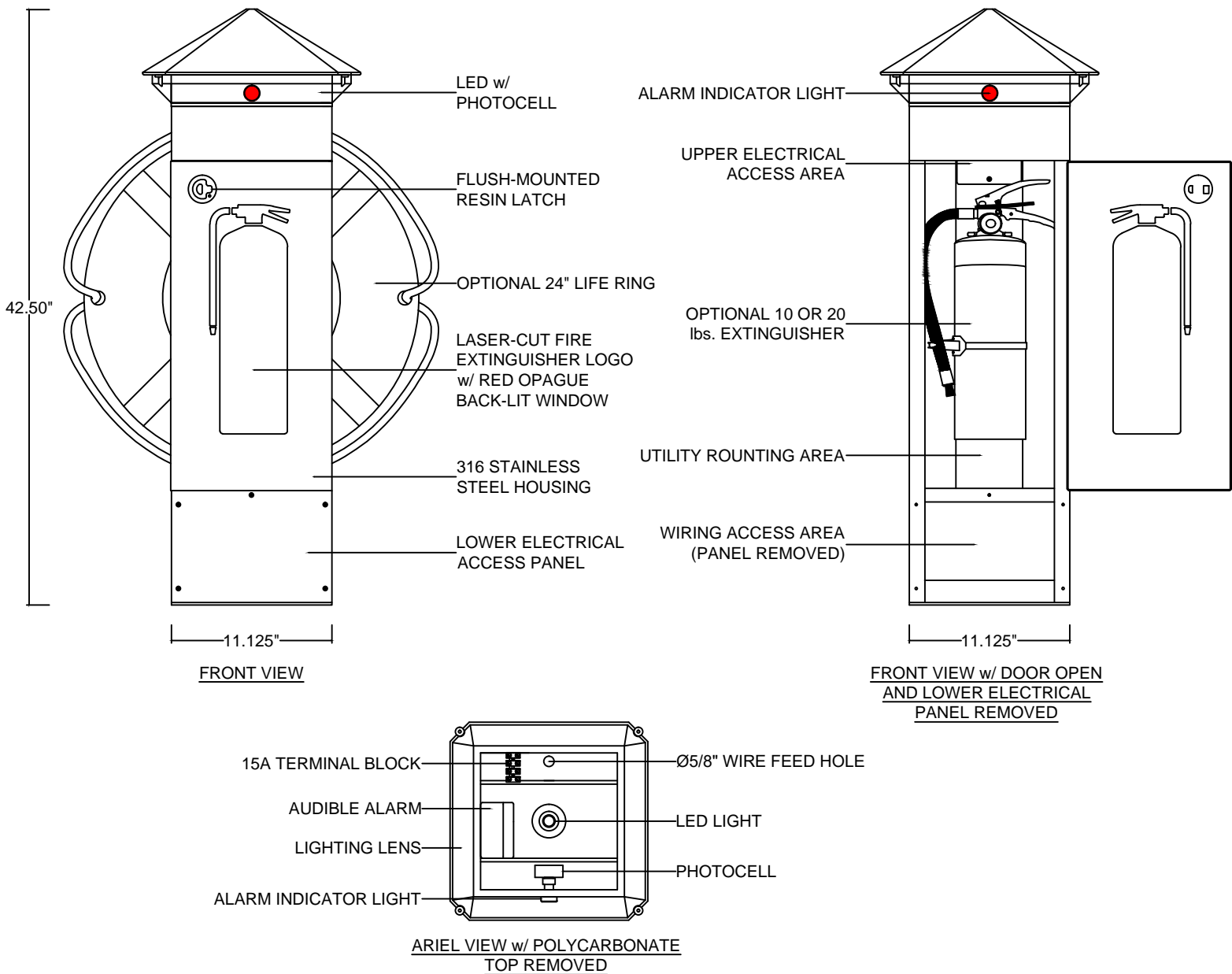
SECTION G: ACCESS DOOR

1. Door shall have laser-cut fire extinguisher with red opaque polycarbonate back-lit window.
2. Door shall be hinged with a flush-mount resin latch.
3. Access to extinguisher shall not require the user to break any part of the pedestal.

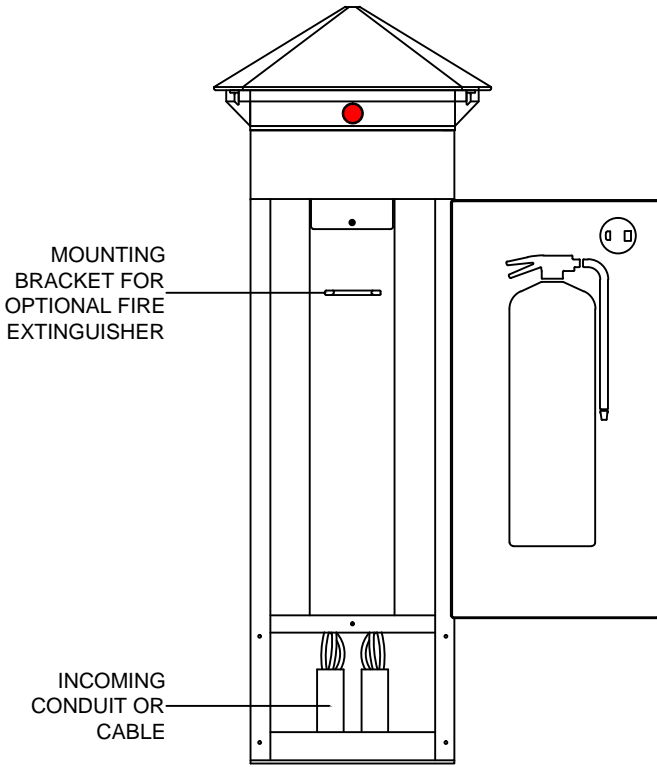
SECTION H: WARRANTY

1. The main housing and attached parts (top, lens, doors, and mounting base plate) will be free from failure resulting from defects in material and/or workmanship, and are covered by a limited warranty of one (1) year. The warranty is voided if any petroleum-based solvent is used anywhere on or near any of the polycarbonate parts. These parts include: the top, lens, doors, and the mounting base plate.
2. Internal electrical components shall be covered by the same warranty offered by the component manufacturer. Items covered include: photocells, lamp holders, fuses, audible alarms, strobes, and wiring harnesses.
3. The warranty policy does not cover damage or failure resulting from abuse, misuse, negligence or Force Majeure.

Specifications Subject to Change Without Notice
END OF SECTION



General Specifications - Fire Station FS1020



**FRONT VIEW w/ DOOR OPEN
AND LOWER ELECTRICAL
PANEL REMOVED**

