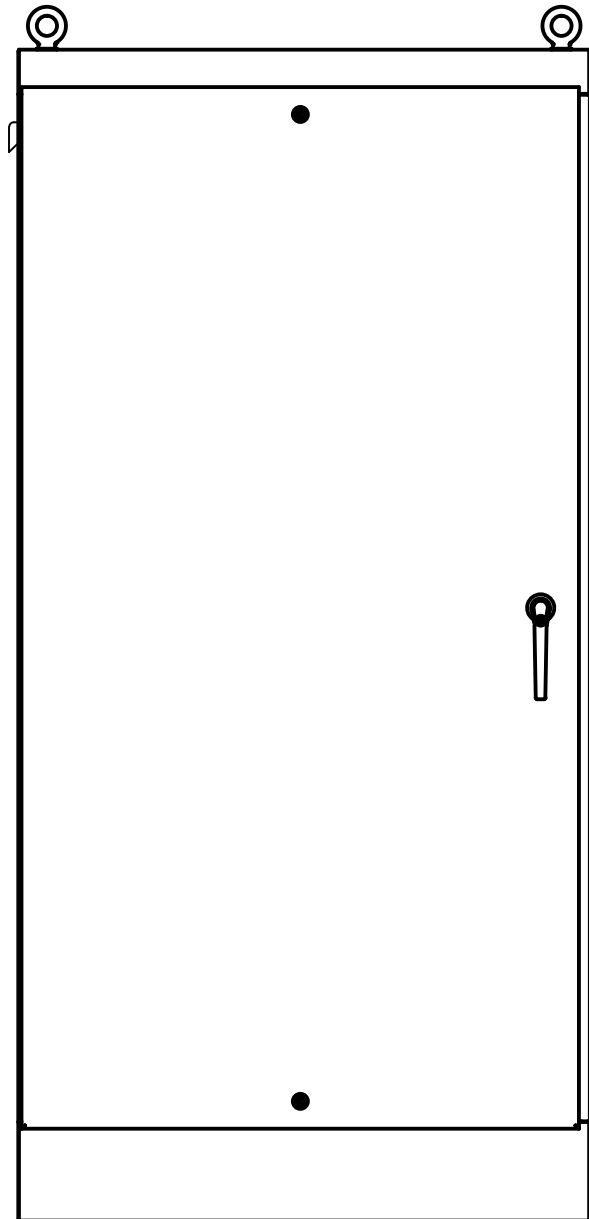




# STAINLESS STEEL FREE-STANDING PANELBOARD

## 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 - Stainless Steel Panelboard

## ALL UNIT STAINLESS STEEL PANELBOARDS 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](http://www.marinaelectricequipment.com)

### SECTION B: GENERAL REQUIREMENTS

1. Free-standing stainless steel panelboard shall be listed and marked, tested and certified to conform to UL® and CAN/CSA standards.
2. Shall be compliant with all sections of the latest edition of NFPA® 303, "Fire Protection Standards for Marinas and Boatyards."
3. Shall be compliant with NEC, and NFPA 70 555.9, which states: "Electrical connections shall be located at least 305 mm (12 in.) above the deck of a floating pier" and "at least 305 mm (12 in.) above the deck of a fixed pier but not below the electrical datum plane."

### SECTION C: CONSTRUCTION REQUIREMENTS

1. All materials and components used in the construction of the stainless steel panelboard shall be listed.
2. **Main Housing:** Shall be constructed of 316L stainless steel and shall powdercoated with polyester resin and processed to withstand a saltspray without peeling or separating. The housing be listed as a NEMA® Type 3R weatherproof enclosure.
3. **Access Panels:** Shall be constructed of 316L stainless steel and be flush-mounted with minimal mounting hardware.
4. **Top / Lifting:** Shall be constructed with two (2) 1/2" lifting eyes for moving the panelboard for installation.
5. **Mounting Base:** Shall be compliant with NEC and NFPA 70 555, and meet the datum plane requirement without the addition of curbing to meet the height requirement. The panelboard shall include a removable .090" enamel-coated, aluminum gland plate to simplify the knock-out process for cable glands. The housing shall also have isolation pads to insure the housing does not have contact with the mounting substrate (concrete or wood).
6. **Mounting Requirements:** Mounting bolts (provided by others) for the stainless steel panelboard shall be easy to use and concealed behind removable access panels after mounting.
7. **Doors:** The housing shall have lockable doors.
8. **Hardware:** Shall be minimal and be 316 stainless steel, Phillips® drive.

### SECTION D: PANELBOARD

1. The distribution panelboard interior shall be manufactured by GE®, Square-D®, EATON® or equivalent.
2. The distribution panelboard shall include an optional surge protection device (SPD).
3. The distribution panelboard shall include an optional ground fault monitor relay with the ability to monitor or interrupt the main circuit breaker per NEC 555.3: "main overcurrent protection device that feeds the marina shall have a ground fault protection not exceeding 30mA."
4. The distribution panelboard shall include an optional ground fault monitor relay with ability to monitor or interrupt each individual branch circuit breaker per NEC 555.3: "ground fault protection of each individual branch or feeder circuit shall be permitted as a suitable alternative."

### SECTION E: WIRING & TERMINAL BLOCK

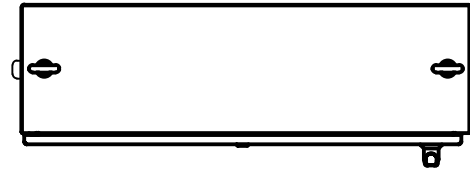
1. All electrical components shall be located above the electrical datum plane set forth by the NEC.
2. All exposed metallic parts shall be grounded as part of the integral equipment ground.

### SECTION F: WARRANTY

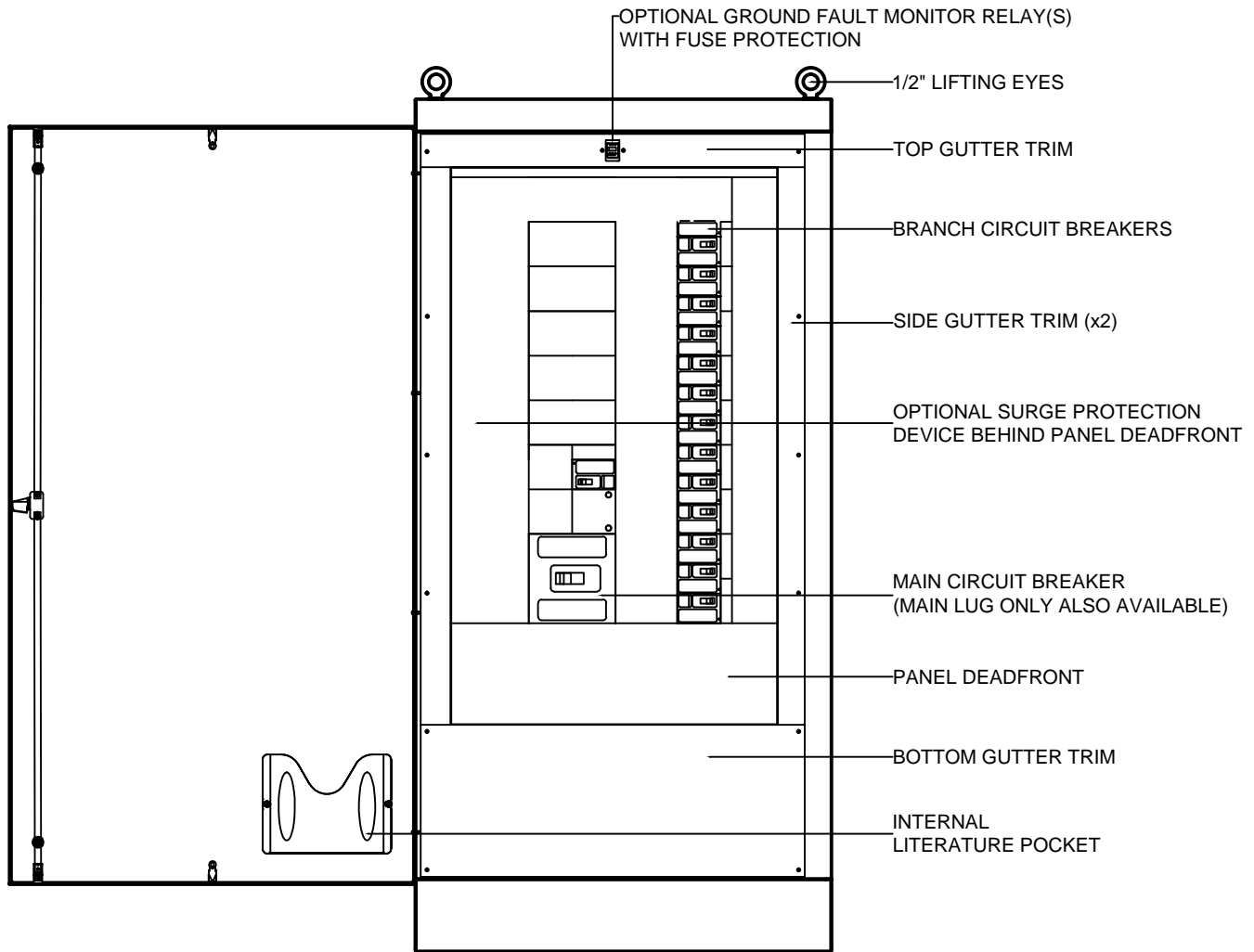
1. The main housing and attached parts (main housing and access panels) will be free from failure resulting from defects in material and/or workmanship, and are covered by a limited warranty of one (1) year.
2. Internal electrical components shall be covered by a limited warranty of one (1) year.

END OF SECTION

# General Specifications - Stainless Steel Panelboard



TOP VIEW



FRONT VIEW w/ ACCESS DOOR OPEN

# General Specifications - Stainless Steel Panelboard

