

Power Pedestals



Construction Site and RV Parks



Marina Power and Lighting



Mobile Home Panels

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Don't Give Up!

If you don't find the product you want in this catalog, try the Flex Center at **1-800-330-6479**.

Power Pedestals



Contents

Description

Introduction

Product Description

A power pedestal is a device designed for outdoor service to meet temporary power requirements at construction sites, marinas, recreational vehicle (RV) parks, marinas and mobile home parks). Power pedestals provide a safe and reliable means for users to access electricity at such locations.

Application Description**Construction Site and RV Parks**

Power outlet panels on construction sites and in RV parks provide a safe and reliable means for users to access electricity. A wide range of products are available with multiple features and enclosure material options.

**Construction Site and RV Parks****Mobile Home Panels**

Eaton's versatile mobile home panels have a user-friendly design that allows for a faster, cleaner installation. Mobile home panels are designed for service entrance distribution, and include a meter and distribution section with breaker and receptacle configuration options.

**Mobile Home Panels****Marina Power and Lighting**

Park lighting and marina pedestals offer robust enclosure options with premium features to enhance user convenience at marinas and campgrounds.

**Marina Power and Lighting****Optional Features**

- Product can ship from the factory completely assembled and prewired
- External light
- TV and telephone jacks
- Ground fault monitors
- Digital electronic kilowatt-hour meters
- Water faucet
- Available GFI (ground fault interrupter) protection
- Weatherproof engineered resin enclosure (will never rust or deteriorate)
- Stainless steel to meet and exceed all applicable codes, and withstand harsh inland and coastal environments

Power Outlet Panels



Product Overview

A power outlet panel (or POP) is a device designed for outdoor service to meet temporary power requirements at construction sites and RV parks. POPs provide a safe and reliable means for users to access electricity at such locations.

Product Description

Power outlet panels shall be designed for outdoor service to meet temporary power outlet requirements at construction sites and provide high quality, economical power to individual sites at RV parks. POPs shall be provided with means to bond the neutral for temporary service entrance applications. RV panels shall have a factory-installed insulated neutral bar.

Receptacles and Circuit Protection

Circuit protection shall be Eaton's UL listed full-size Type BR or half-size Type BD circuit breakers. The receptacles shall be NEMA commercial/industrial grade devices. Ground fault protection (GFCB) shall be provided at the 20 A duplex NEMA 5-20R receptacle or 20 A single-pole circuit breaker when required. Ground fault protection shall be provided at the circuit breaker for receptacles above 20 A when required.

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Construction

The power outlet panel pedestal shall be of deadfront design and constructed of heavy gauge, 100 percent galvanized steel. Baked-on polyester powder coating shall be used for excellent mechanical strength, plus resistance to chalking caused by the sun's ultraviolet rays. The power outlet panel surface and pedestal units shall have NEMA Type 3R rainproof enclosures.

Ease of Installation

Panels shall ship from the factory completely assembled, prewired with 100 percent copper wire, and tested in accordance with UL Standard 231. The door shall swing up and open for user convenience and ease of access to breakers and receptacles. When required, a means for securing the door in the open position shall be provided. Panels shall be bottom fed through knockouts in endwall or top fed using a bolt-on raintight hub. Knockouts shall range from 1/2-inch (12.7 mm) to 1-1/2 inches (38.1 mm). Grounding provisions (#4–14 Cu/Al) shall be provided on all panels.

Application Description

POPs are also sometimes called temporary power panels, temporary site service equipment or RV panels.

Construction Site Application

When POPs are used at a construction site, they are installed on a temporary basis until permanent electrical power is available at the building. The most common reason for needing a POP at a construction site is to provide a power source for the contractor's tools.



Construction Site Application

RV Park Applications

When POPs are used at an RV park, they are installed for more permanent use and serve the purpose of providing power to the recreational vehicles. Many RV parks now supply customers with amenities such as lighted POPs with TV and telephone jacks.



RV Park Application

Service Applications

Suitable for use as temporary Service Entrance Equipment, temporary power service equipment and recreational vehicle site supply.

Features and Benefits

- Designed for outdoor service to meet power outlet requirements
- Receptacles conform to NEMA and/or ANSI configurations as specified by the National Electrical Code® (NEC)
- Includes a factory-installed insulated neutral bar with provisions for bonding when used for temporary service entrance applications
- 125 A rated meter socket
- Temporary power and RV park POPs are CSA listed. Compact POP and single receptacle devices are not CSA listed

Designed for Easy Installation and Protection

- Panels come from the factory completely assembled, prewired with 100 percent copper wire and tested...ready for easy installation
- Door swings up and open for user convenience and ease of access to breakers and receptacles
- Panels can be bottom fed through knockouts in the endwall or top fed using a bolt-on raintight hub
- Two-piece deadfront cover allows field wiring without interfering with factory wiring
- Lower deadfront cover permits easy field wiring to circuit protective devices
- Available GFI (ground fault interrupter) single- and two-pole protection through 50 A

Two Styles to Meet Your Power Outlet Needs

- **Surface mount:** User mounts unit to a post
- **Pedestal mount:** User mounts with an underground pedestal extension or pad-mounting bracket. (Underground pedestal extension and pad-mounting bracket are sold separately. See accessories **Page V1-T5-7** for part numbers and options)



Compact Design Available in Certain Configurations for Added Convenience

Standards and Certifications

- UL Standard 231
- UL File Number E163588

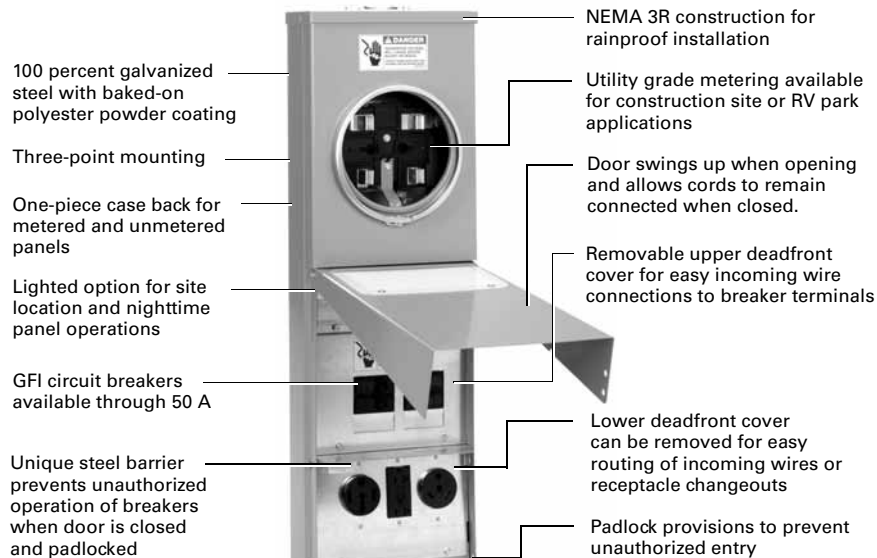
Receptacles conform to NEMA and/or ANSI configurations as specified by the NEC.

Standard Compliance

All power outlet panels for temporary construction site power and RV (recreational vehicle) application shall be UL listed for the U.S. per UL Standard 231, File E163588. Receptacles shall conform to NEMA and/or ANSI configurations as specified by the National Electrical Code (NEC).

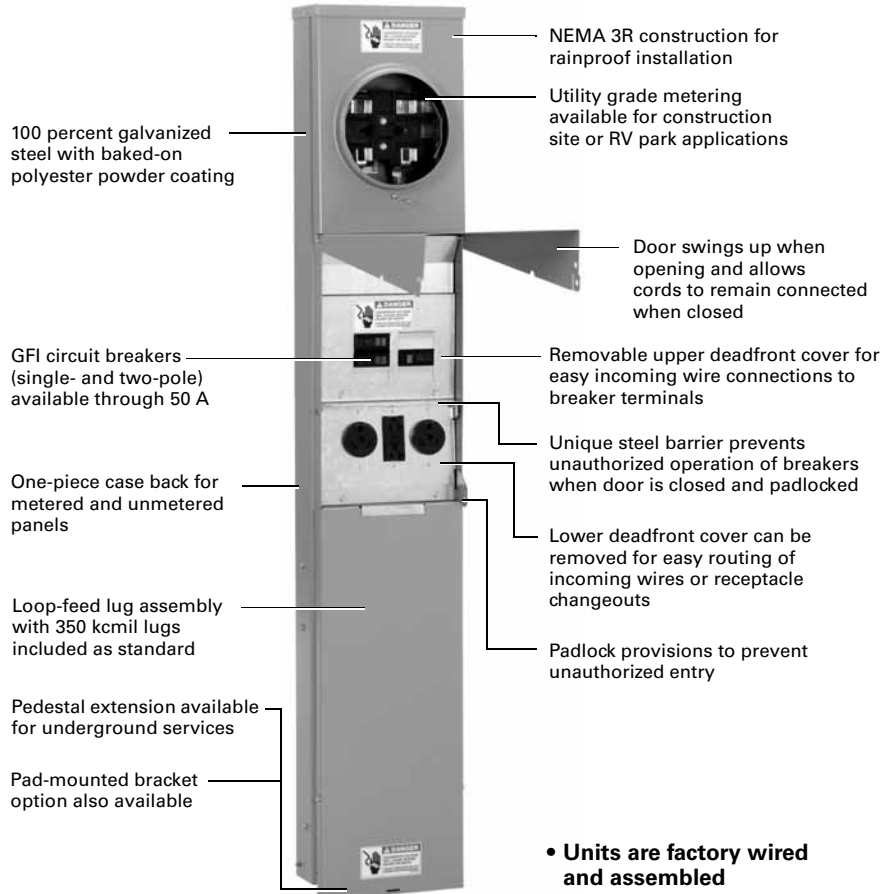


Listed

Surface Units

- **Metered units available with meter on top or on bottom**

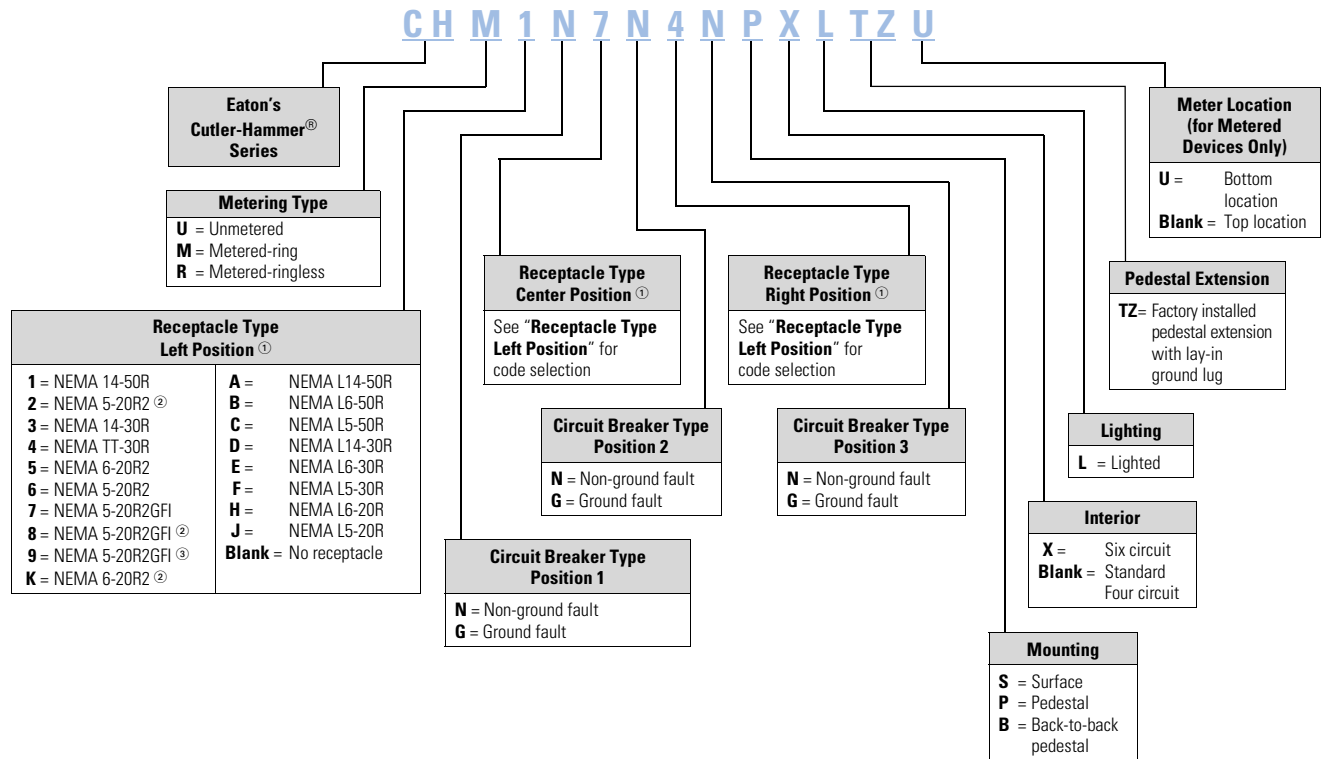
- **Units are factory wired and assembled**

Pedestal Units

- **Units are factory wired and assembled**

Catalog Number Selection











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Notes

- ① For receptacle configurations, see **table below**.
 ② Weather-resistant.
 ③ Weather-resistant/tamper resistant.

Receptacle Configuration

| | | | | | | | | |
|----------|---|--|----------|---|---|----------|---|---|
| 1 |  | 50 A, 125/250 V, three-pole, four-wire, NEMA 14-50R Two-pole, 50 A breaker | 4 |  | 30 A, 125 V, two-pole, three-wire, NEMA TT-30R Single-pole, 30 A breaker | 7 |  | 20 A, 125 V, two-pole, three-wire, NEMA 5-20R2GFI Single-pole, 20 A breaker |
| 2 |  | 20 A, 125 V, two-pole, three-wire, weather-resistant (WR), NEMA 5-20R2 Single-pole, 20 A breaker | 5 |  | 20 A, 250 V, two-pole, three-wire, NEMA 6-20R2 Two-pole, 20 A breaker | 8 |  | 20 A, 125 V, two-pole, three-wire, weather-resistant (WR), NEMA 5-20R2GFI |
| 3 |  | 30 A, 125/250 V, three-pole, four-wire, NEMA 14-30R Two-pole, 30 A breaker | 6 |  | 20 A, 125 V, two-pole, three-wire, NEMA 5-20R2 Single-pole, 20 A breaker | 9 |  | 20 A, 125 V, two-pole, three-wire, weather-resistant/ tamper-resistant (WR TR), NEMA 5-20R2GFI |
| | | | | | | K |  | 20 A, 250 V, two-pole, three-wire, weather-resistant (WR), NEMA 6-20R2 Two-pole, 20 A breaker |

Twist-Lock and Custom Receptacle/Breaker Combinations

| | | | | | | | | |
|----------|---|---|----------|---|--|----------|---|---|
| A |  | 50 A, 125/250 V, three-pole, three-wire, NEMA L14-50R Two-pole, 50 A breaker | D |  | 30 A, 125/250 V, three-pole, four-wire, NEMA L14-30R Two-pole, 30 A breaker | H |  | 20 A, 250 V, two-pole, three-wire, NEMA L6-20R Two-pole, 20 A breaker |
| B |  | 50 A, 250 V, two-pole, three-wire, NEMA L6-50R Two-pole, 50 A breaker | E |  | 30 A, 250 V, two-pole, three-wire, NEMA L6-30R Two-pole, 30 A breaker | J |  | 20 A, 125 V, two-pole, three-wire, NEMA L5-20R Single-pole, 20 A breaker |
| C |  | 50 A, 125 V, two-pole, three-wire, NEMA L5-50R Single-pole, 50 A breaker | F |  | 30 A, 125 V, two-pole, three-wire, NEMA L5-30R Single-pole, 30 A breaker | | | |

Product Selection

When quoting or selecting a power outlet panel, the following questions should be answered:

- Unmetered, ring or ringless style
- Number and types of receptacles (seven standard and eight twist-lock options)
- Standard or ground fault breakers
- Surface, pedestal or back-to-back mounting
- Are any factory or field options required?

Power Outlet Panel Receptacle Configuration Rules

Four Receptacles/Unit

All receptacles must be NEMA 5-20R2 or NEMA 5-20R2GFI, surface mount only.

Three Receptacles/Unit

- One or more of the receptacles must be NEMA 6-20R2, NEMA 5-20R2 or NEMA 5-20R2GFI
- NEMA 6-20R2, NEMA 5-20R2, or NEMA 5-20R2GFI must go in the second position

- If two receptacles consist of types NEMA 14-50R, NEMA 10-50R, NEMA 14-30R or NEMA 6-20R2 a six-circuit interior must be added

- Example:
CHUIN5N2NSX






Note: Configuration 1 and 2 were chosen so a six-circuit interior needs to be added (suffix X) to the end of the catalog number. Also, configuration 5 is in the second position.

Two, One and Zero Receptacles/Unit

Any configuration.







Accessories

Accessories

| | Description | Catalog Number |
|---|--|----------------------------|
| Underground Pedestal Extension  | Underground pedestal extension | CHPEEXT |
| | Stainless steel underground pedestal extension | CHPEEXTSS |
| Pad-Mount Bracket  | Pad-mount bracket | CHPAEXT |
| Cable TV/Telephone Bracket  | Cable TV and telephone bracket | CHTELTV |
| DS Hub  | Rainproof conduit hub 0.75 inch (19.1 mm) | DS075H1 |
| | Rainproof conduit hub 1.00 inch (25.4 mm) | DS100H1 |
| | Rainproof conduit hub 1.25 inch (31.8 mm) | DS125H1 |
| | Rainproof conduit hub 1.50 inch (38.1 mm) | DS150H1 |
| Fluorescent Light Kit  | Fluorescent Light Kit Description Converts power outlet panel to lighted unit, must also order CHOUTCVRL | Catalog Number CHFLGKIT |

Renewal Parts

Renewal Parts

| | Description | Catalog Number |
|---|---|----------------|
| Circuit Breaker (BR/GFTCB)  | See this volume, Tab 1, section 1.2 | — |
| Meter Socket  | Ring style replacement meter socket | CHPOPMSRING |
| | Ringless style replacement meter socket | CHPOPMSRL |
| | 5th jaw kit | ARP00035CHJ |
| | Horn bypass (one lug cap per kit; four kits required per device) | ARP00777CH |
| Bonding Strap and Mounting Hardware  | Bonding strap and mounting hardware | CHBONDST |
| Inner Lens  | Inner lens for lighted power outlet panels | CHINLENS |
| Loop Feed Lug Assembly  | Loop feed lug assembly for single pedestal | CHLOOPFDP |
| | Loop feed lug assembly for back-to-back pedestal | CHLOOPFDB |
| Lower Deadfront Cover  | Blank lower deadfront cover | CHLDFCVR |
| | Lower deadfront cover with duplex receptacle opening | CHLDFCVR1 |
| | Lower deadfront cover with duplex, duplex receptacle opening | CHLDFCVR2 |
| | Lower deadfront cover with duplex, duplex, duplex receptacle opening | CHLDFCVR3 |
| | Lower deadfront cover with rectangle receptacle opening | CHLDFCVR4 |
| | Lower deadfront cover with rectangle, rectangle receptacle opening | CHLDFCVR5 |
| | Lower deadfront cover with rectangle, rectangle, rectangle receptacle opening | CHLDFCVR6 |
| | Lower deadfront cover with duplex, rectangle receptacle opening | CHLDFCVR7 |
| | Lower deadfront cover with duplex, rectangle, duplex receptacle opening | CHLDFCVR8 |
| | Lower deadfront cover with rectangle, rectangle, duplex receptacle opening | CHLDFCVR9 |
| | Lower deadfront cover with round receptacle opening | CHLDFCVR10 |
| | Lower deadfront cover with round, round receptacle opening | CHLDFCVR11 |
| | Lower deadfront cover with round, duplex receptacle opening | CHLDFCVR12 |

Renewal Parts, continued

| Description | Catalog Number |
|---|----------------|
| Lower deadfront cover with round, duplex, duplex receptacle opening | CHLDFCVR13 |
| Lower deadfront cover with round, duplex, round receptacle opening | CHLDFCVR14 |
| Lower deadfront cover with round, rectangle receptacle opening | CHLDFCVR15 |
| Lower deadfront cover with round, rectangle, rectangle receptacle opening | CHLDFCVR16 |
| Lower deadfront cover with round, rectangle, round receptacle opening | CHLDFCVR17 |
| Lower deadfront cover with round, rectangle, duplex receptacle opening | CHLDFCVR18 |
| Upper deadfront cover with six breaker twistouts | CHUDFCVR |
| Upper deadfront cover with provisions for lighted option | CHUDFCVRL |

Upper Deadfront Cover



Outer Door



| | |
|------------|----------|
| Outer door | CHOUTCVR |
|------------|----------|

Outer Door with Lens



| | |
|----------------------|-----------|
| Outer door with lens | CHOUTCVRL |
|----------------------|-----------|

Neutral Assemblies



| | |
|--|---------|
| Six-hole neutral assembly with 2/0 lug | CHNEUT |
| Seven-hole neutral assembly with 2/0 lug | CHNEUT1 |
| Five-hole ground bar kit | GBK5 |
| 10-hole ground bar kit | GBK10 |

Replacement Meter Cover

| | |
|-----------------------------------|-------------|
| Replacement meter cover—ring type | CHPOPRMC |
| Replacement meter cover—ringless | CHPOPRLMC |
| Replacement meter cover—ringless | CHPOPRLMCN |
| Replacement meter cover—ringless | CHPOPRLMCN2 |

Power Outlet Panels



Surface Units

Product Overview

A power outlet panel (or POP) is a device designed for outdoor service to meet temporary power requirements at construction sites and recreation vehicle (RV) parks. POPs provide a safe and reliable means for users to access electricity at such locations.

Product Selection

Power Outlet Panel Receptacle Configuration Rules

See **Page V1-T5-7** for complete list.

Four Receptacles/Unit

All receptacles must be NEMA 5-20R2 and/or NEMA 5-20R2GFI, surface mount only.

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Three Receptacles/Unit




- One or more of the receptacles must be NEMA 6-20R2, NEMA 5-20R2 or NEMA 5-20R2GFI
- NEMA 6-20R2, NEMA 5-20R2, or NEMA 5-20R2GFI must go in the second position
- If two receptacles consist of types NEMA 14-50R, NEMA 10-50R, NEMA 14-30R or NEMA 6-20R2 a six-circuit interior must be added
 - Example:
CHUIN5N2NSX

Note: Configuration 1 and 2 were chosen so a six-circuit interior needs to be added (suffix X) to the end of the catalog number. Also, configuration 5 is in the second position.

Two, One and Zero Receptacles/Unit
Any configuration.**Options**

- Six-circuit interior
- Factory-mounted pedestal extension
- Lighted
- Bottom fed

Surface Type

| | Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|---|------------------------------------|------------------------|-------------|----------|---------------------|------------|------------|------------------------|
| | | Position Left | Center | Right | 1st | 2nd | 3rd | |
|  Single Receptacle CHU4S | Unmetered Single Receptacle | | | | | | | |
| | 50 | — | 14-50R | — | No breaker | No breaker | No breaker | CHU1S |
| | 30 | — | 14-30 R | — | No breaker | No breaker | No breaker | CHU3S |
| | 30 | — | TT-30R | — | No breaker | No breaker | No breaker | CHU4S |
| | 20 | — | 6-20R2 | — | No breaker | No breaker | No breaker | CHU5S |
| | 20 | — | 5-20R2 | — | No breaker | No breaker | No breaker | CHU6S |
| | 20 | — | 5-20R2GFI | — | No breaker | No breaker | No breaker | CHU7S |
|  Unmetered Type CHU1N7N4NS | Unmetered | | | | | | | |
| | 20/20/20 | 5-20R2 | 5-20R2 | 6-20R2 | GFI | GFI | GFI | CHU6G6G5GS |
| | 20/20/20 | 5-20R2WR | 5-20R2WR | 6-20R2WR | GFI | GFI | GFI | CHU2G2GKGS |
| | 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | Non-GFI | CHU7N7N5NS |
| | 20/20/20 | 5-20R2GFIWR | 5-20R2GFIWR | 6-20R2WR | Non-GFI | Non-GFI | Non-GFI | CHU8N8NKNS |
| | 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHU7N7N5GS |
| | 20/20/20 | 5-20R2GFIWR | 5-20R2GFIWR | 6-20R2WR | Non-GFI | Non-GFI | GFI | CHU8N8NKGS |
| | 50/20/30 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NS |
| | 50/20/30 | 14-50R | 5-20R2GFI | 6-20R | GFI | Non-GFI | Non-GFI | CHU1G7N7NS |
| | 50/20 | 14-50R | 5-20RGI | — | GFI | Non-GFI | — | CHU1G7NS |
| | 50/20 | 14-50R | 5-20RGI | — | Non-GFI | Non-GFI | — | CHU1N7NS |
| | 50/20/50 | 14-50R | 5-20R2GFI | 14-50R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N1NSX ① |
| | 30/30/20 | TT-30R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU4N7N4NS |
| | 20/20/20 | 5-20R2 | 5-20R2 | 6-20R2 | GFI | GFI | GFI | CHU6G6G5GS60M ② |
|  Unmetered (Compact Version) | Unmetered (Compact Version) | | | | | | | |
| | 50 | 14-50R | — | — | Non-GFI | — | — | CHU1NS |
| | 20 | 5-20R2 | — | — | Non-GFI | — | — | CHU2NS |
| | 30 | TT-30R | — | — | GFI | — | — | CHU4GS |
| | 30/30 | TT-30R | TT-30R | — | Non-GFI | Non-GFI | — | CHU4N4NS |
| | 30/20 | TT-30R | 5-20R2 | — | Non-GFI | Non-GFI | — | CHU4N6NS |
| | 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU4N7NS |
| | 30 | TT-30R | — | — | Non-GFI | — | — | CHU4NS |
| | 20 | 6-20R2 | — | — | GFI | — | — | CHU5GS |
| | 20/20 | 5-20R2 | 5-20R2 | — | GFI | GFI | — | CHU6G6GS |
| | 20 | 5-20R2 | — | — | GFI | — | — | CHU6GS |
| | 20/20 | 5-20R2 | 5-20R2 | — | Non-GFI | Non-GFI | — | CHU6N6NS |
| | 20 | 5-20R2 | — | — | Non-GFI | — | — | CHU6NS |
| | 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU7N7NS |
| | 20 | 5-20R2GFI | — | — | Non-GFI | — | — | CHU7NS |

Notes

① The "X" suffix indicates that a six circuit interior is provided, instead of the standard four circuit interior.

② Includes 60 A two-pole main breaker for service disconnect ratings.

Contact your local Eaton sales office for configurations not listed.

Surface Type, continued

Metered Ring
CHM1G7NSMetered Ringless Type
CHR4N7NSMetered Ring or
Ringless Type
Bottom Feed

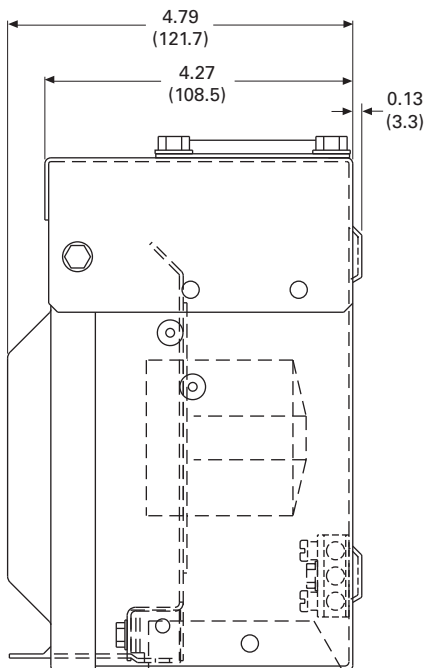
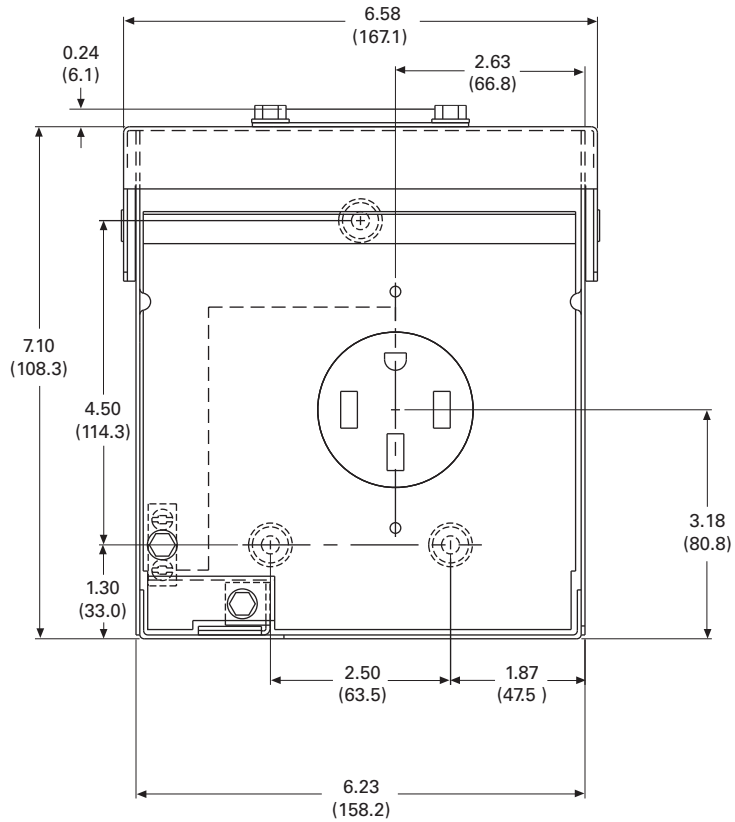
| Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|---------------------------------|------------------------|-----------|-----------|---------------------|---------|---------|----------------|
| | Position Left | Center | Right | 1st | 2nd | 3rd | |
| Metered — Ring | | | | | | | |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHM1G7N7NS |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM7N7NS |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHM7N7N5GS |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | Non-GFI | CHM7N7N5NS |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NS |
| 50/20 | 14-50R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM1N7NS |
| 20/20 | 6-20R2 | 5-20R2GFI | — | Non-GFI | Non-GFI | Non-GFI | CHM5N7NS |
| | | | | | | | |
| Metered — Ringless | | | | | | | |
| 50/20 | 14-50R | 5-20R2GFI | — | GFI | Non-GFI | — | CHR1G7NS |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHR7N7NS |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHR1G7N7NS |
| 50/20 | 14-50R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHR1N7NS |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR7N7N7NS |
| 20/20/20 | 5-20R2WR | 5-20R2WR | 6-20R2WR | GFI | GFI | GFI | CHR2G2GKGS |
| 30/20/20 | 14-30R | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR3N7N7NS |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NS |
| | | | | | | | |
| Metered — Ring — Bottom Fed | | | | | | | |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM7N7NSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHM7N7N5GSU |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHM1G7N7NSU |
| Metered — Ringless — Bottom Fed | | | | | | | |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHR7N7NSU |
| 50/20 | 14-50R | 5-20R2GFI | — | GFI | Non-GFI | — | CHR1G7NSU |
| 50/20 | 10-50R | 5-20R2GFI | — | GFI | Non-GFI | — | CHR2G7NSU |
| 20/20/20 | 5-20R2WR | 5-20R2WR | 6-20R2WR | GFI | GFI | GFI | CHR2G2GKGSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHR7N7N5GSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | Non-GFI | CHR7N7N5NSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR7N7N7NSU |
| 30/20/20 | 14-30R | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR3N7N7NSU |
| 30/20/20 | 14-30R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHR3G7N7NSU |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHR1G7N7NSU |
| 50/20/30 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NSU |

Accessories

See **Page V1-T5-7**.

Dimensions

Approximate Dimensions in Inches (mm)

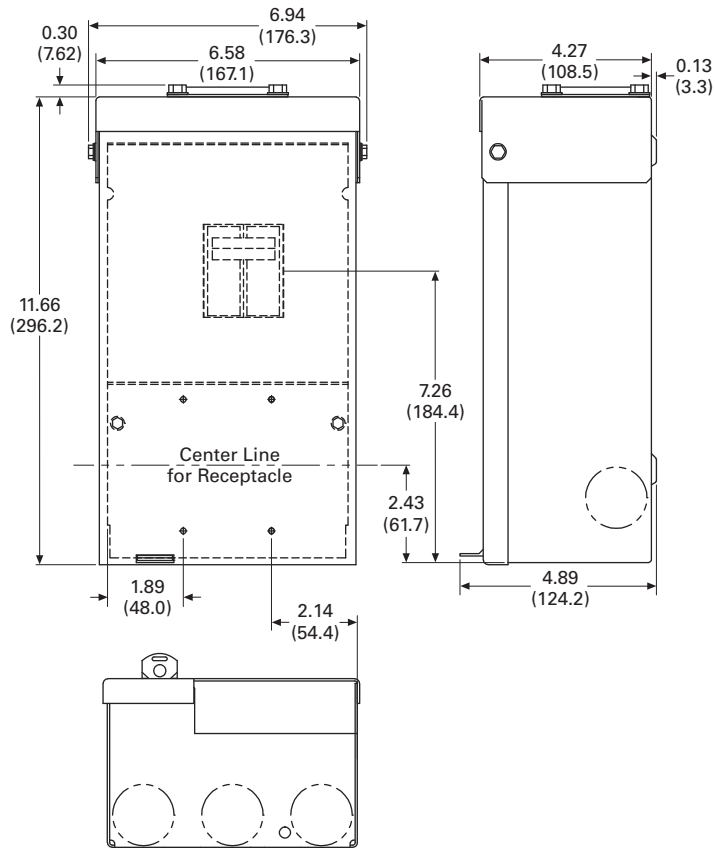
Single Receptacle

5.2 Power Pedestals

Temporary Power/RV Park

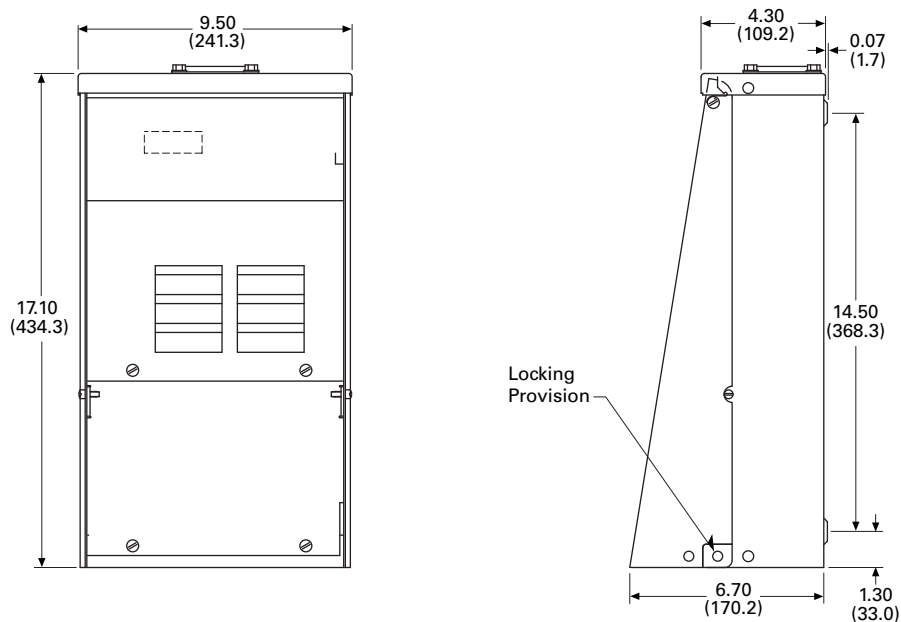
Approximate Dimensions in Inches (mm)

Compact Design Option



Unmetered Units

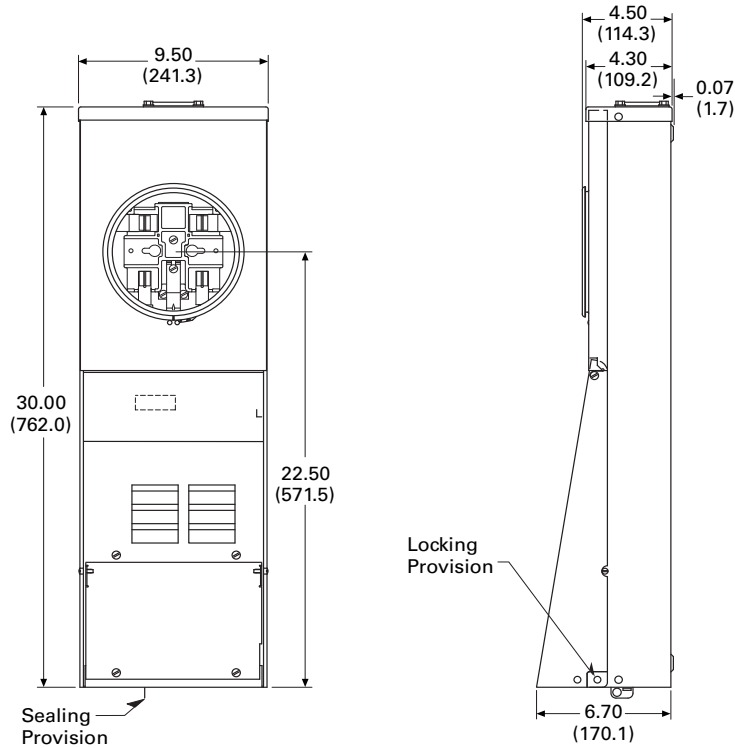
Unmetered Surface Type



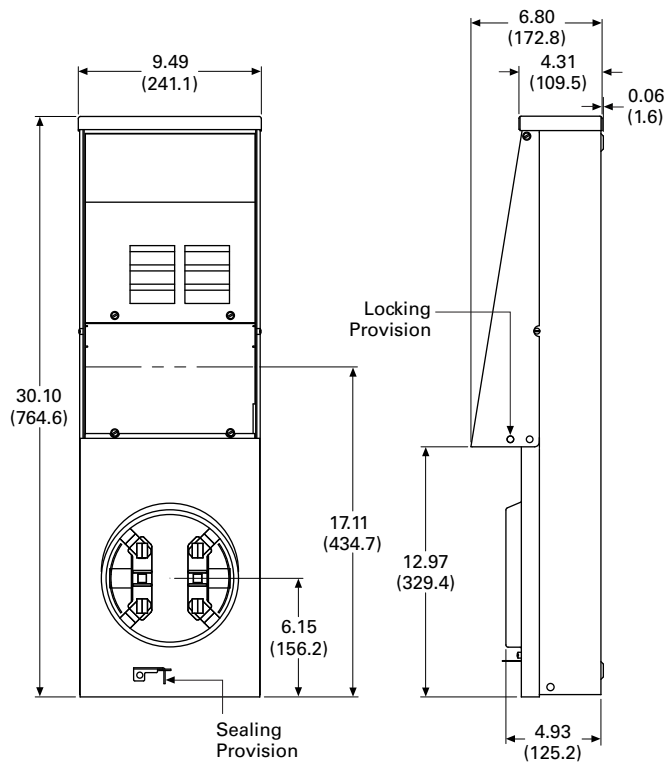
Approximate Dimensions in Inches (mm)

Metered Units (Ring and Ringless)

Metered Surface Type



Bottom Fed Type



Power Outlet Panels



Pedestal Units

Product Overview

A power outlet panel (or POP) is a device designed for outdoor service to meet temporary power requirements at construction sites and recreation vehicle (RV) parks. POPs provide a safe and reliable means for users to access electricity at such locations.

Product Selection

Power Outlet Panel Receptacle Configuration Rules

See **Page V1-T5-7** for complete list.

Four Receptacles/Unit

All receptacles must be NEMA 5-20R2 and/or NEMA 5-20R2GFI, surface mount only.

Contents

Description

| | Page |
|----------------------------|-----------------|
| Product Overview | V1-T5-3 |
| Surface Units | V1-T5-10 |
| Pedestal Units | V1-T5-16 |
| Dimensions | V1-T5-18 |

Three Receptacles/Unit

- One or more of the receptacles must be NEMA 6-20R2, NEMA 5-20R2 or NEMA 5-20R2GFI
- NEMA 6-20R2, NEMA 5-20R2, or NEMA 5-20R2GFI must go in the second position
- If two receptacles consist of types NEMA 14-50R, NEMA 10-50R, NEMA 14-30R or NEMA 6-20R2 a six-circuit interior must be added
 - Example:
CHUIN5N2NSX

Note: Configuration 1 and 2 were chosen so a six-circuit interior needs to be added (suffix X) to the end of the catalog number. Also, configuration 5 is in the second position.

Two, One and Zero Receptacles/Unit

Any configuration.

Options

- Six-circuit interior
- Factory-mounted pedestal extension
- Lighted
- Bottom fed

Unmetered Type



CHM1N7N4NPTZ



Pedestal Type

| Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|--------------------|------------------------|-----------|--------|---------------------|--------------|---------|----------------|
| | Position Left | Center | Right | 1st | 2nd | 3rd | |
| Unmetered | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NP |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU4N7NP |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NPTZ |
| 30/30/20 | TT-30R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU4N7N4NP |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU4N7NPTZ |
| Metered — Ring | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NP |
| 50/20 | 14-50R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM1N7NP |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NPTZ |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM4N7NPTZ |
| Metered — Ringless | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NP |
| 50/20/50 | 14-50R | 5-20R2GFI | 14-50R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N1NPX |
| 50/20/30 | 14-50R | 5-20R2GFI | 14-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N3NPX |
| 50/20/30 | 14-50R | 5-20R2 | 14-30R | Non-GFI | Ground fault | Non-GFI | CHR1N6G3NPX |

CHU1N7N4NBTZ



Back-to-Back Pedestal Type

| Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|----------------------|------------------------|-----------|--------|---------------------|---------|---------|----------------|
| | Position Left | Center | Right | 1st | 2nd | 3rd | |
| Unmetered ① | | | | | | | |
| 30/30/20 | TT-30R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU4N7N4NB |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NBTZ |
| Metered — Ring ① | | | | | | | |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM4N7NB |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NB |
| Metered — Ringless ① | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NBTZ |

Notes

① The pedestal back-to-back units have receptacles and circuit breakers as shown for each panel and share one common pedestal with loop feed lugs. Contact your local Eaton sales office for configurations not listed.

Accessories

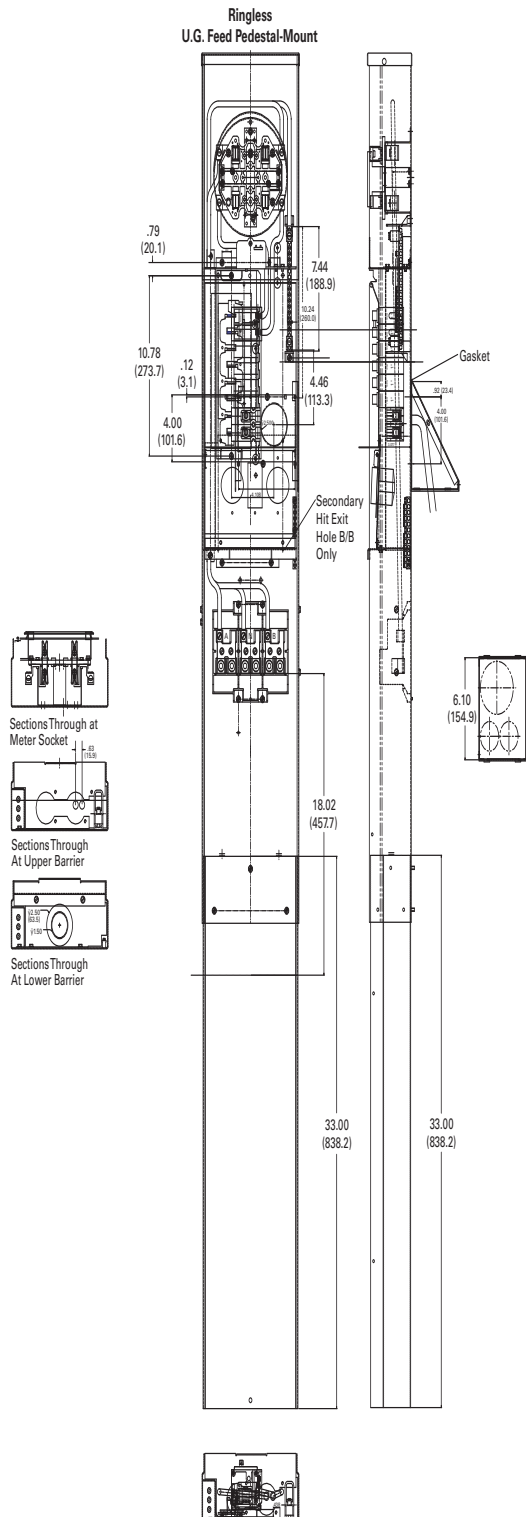
See **Page V1-T5-7**.

Dimensions

Approximate Dimensions in Inches (mm)

Metered Units**100 A Pedestal**

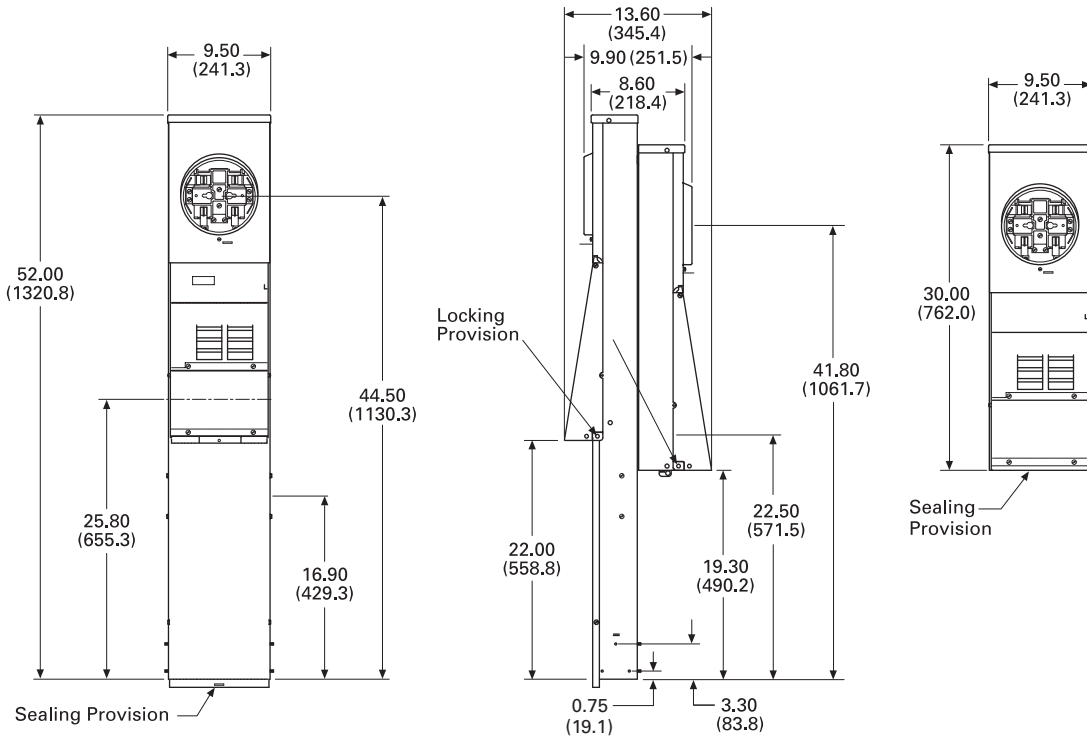
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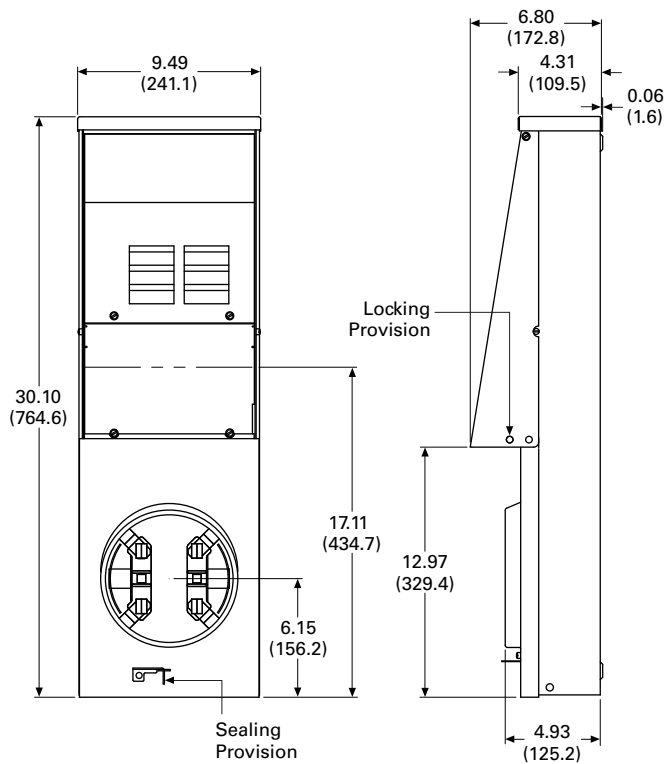
Approximate Dimensions in Inches (mm)

Metered Units (Ring and Ringless)

Metered Back-to-Back Pedestal Type



Bottom Fed Type



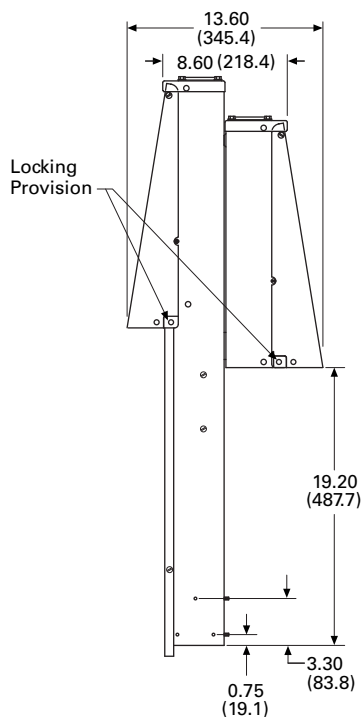
5.2 Power Pedestals

Temporary Power/RV Park

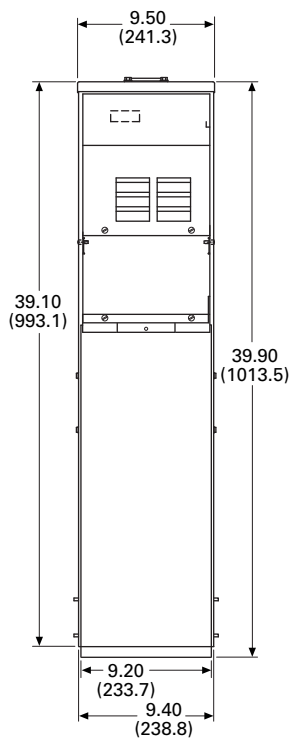
Approximate Dimensions in Inches (mm)

Unmetered Back-to-Back Pedestal Type

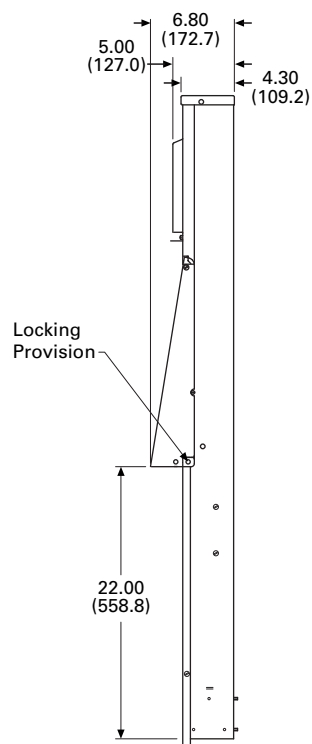
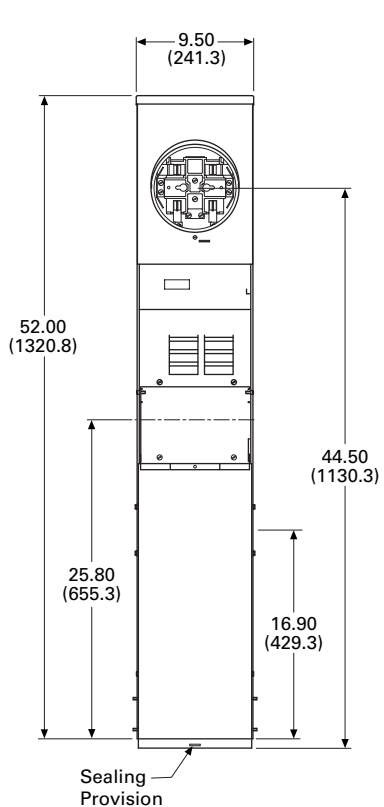
5



Unmetered Pedestal Type



Metered Pedestal Type



Power Outlet Panels



Product Overview

Eaton’s versatile Mobile Home Panels have a user-friendly design that allows for a faster, cleaner installation.

100 and 200 A panels come complete with the main breaker and a 4/8 or 8/16 interior, respectively. The 200 A units are designed with ample width to ensure plenty of room for wire bending and an easier installation.

Receptacle Deadfront Kits

Optional receptacle deadfront kits enable the field installation of contractor supplied receptacles and breakers that can supply power for a variety of applications including:

- Visiting RVs
- Temporary power
- Lawn equipment
- Air compressors
- Anything else that requires cord-connected power

Contents

| Description | Page |
|------------------------------------|----------|
| Mobile Home Panels | |
| Catalog Number Selection | V1-T5-22 |
| Product Selection | V1-T5-22 |
| Accessories | V1-T5-23 |
| Dimensions | V1-T5-24 |

Features

Fastenerless Socket Design

- Eliminates overheating caused by loose socket connections

Pedestal Unit

- Convenient and sturdy ground mounting
- Loop feed feature allows several units to be connected in series

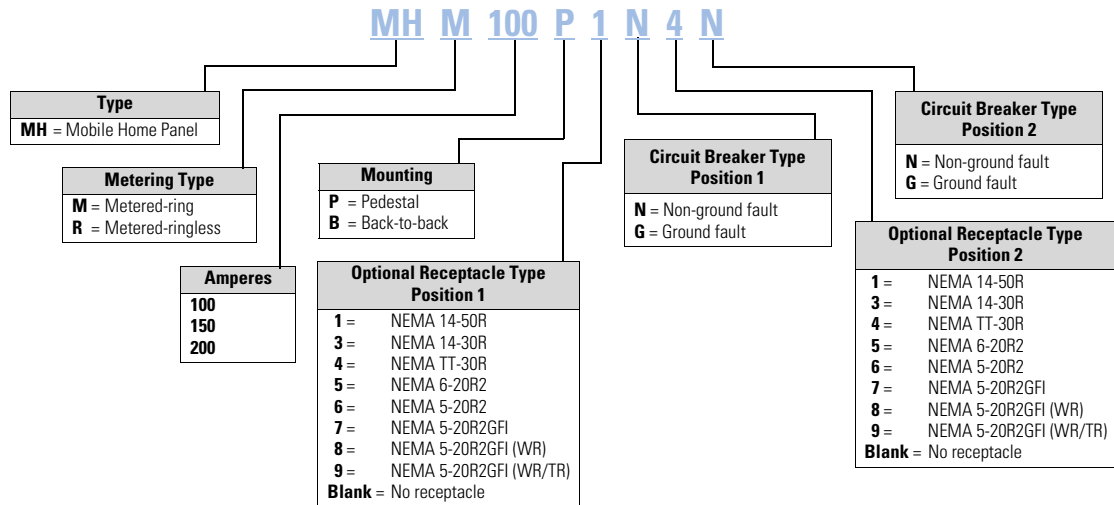
Easier, Better and Faster Installation

- More wire bending and viewing room
- Additional circuits mean more flexibility

Catalog Number Selection

Mobile Home Panels

5



Product Selection

Mobile Home Panel

Mobile Home Panels ①
























| Amperes | Security | Interior | Main | Branch Breakers | Mounting | Receptacles | Catalog Number |
|---------|----------|----------|---------|-----------------|--------------|------------------------------|----------------|
| 100 | Ring | 4/8 | BR2100 | BR | Pedestal | None | MHM100P |
| 100 | Ring | 4/8 | BR2100 | BR | Back-to-back | None | MHM100B |
| 100 | Ringless | 4/8 | BR2100 | BR | Pedestal | None | MHR100P |
| 100 | Ringless | 4/8 | BR2100 | BR | Back-to-back | None | MHR100B |
| 150 | Ring | 8/16 | CSR2150 | BR | Pedestal | None | MHM150P |
| 150 | Ring | 8/16 | CSR2150 | BR | Back-to-back | None | MHM150B |
| 150 | Ringless | 8/16 | CSR2150 | BR | Pedestal | None | MHR150P |
| 150 | Ringless | 8/16 | CSR2150 | BR | Back-to-back | None | MHR150B |
| 200 | Ring | 8/16 | CSR2200 | BR | Pedestal | None | MHM200P |
| 200 | Ring | 8/16 | CSR2200 | BR | Back-to-back | None | MHM200B |
| 200 | Ringless | 8/16 | CSR2200 | BR | Pedestal | None | MHR200P |
| 200 | Ringless | 8/16 | CSR2200 | BR | Back-to-back | None | MHR200B |
| 200 | Ringless | 8/16 | CSR2200 | BR | Pedestal | Qty 1 14-50R Qty 2 TT-30R | MHM200P1N4N4N |

Note

① Pedestal Extension included with Mobile Home Panels.

Mobile Home Panel Deadfronts for 200 A Units^①

Available Receptacle Deadfront Kits—Receptacles and Breakers Not Included

| | | | |
|----------|---|--------|---|
| MHDX |  | MHDXZX |  |
| MHDXX |  | MHDZZY |  |
| MHDBLANK |  | MHDYZ |  |
| MHDZ |  | MHDYZY |  |
| MHDZZ |  | MHDXYX |  |
| MHDZZZ |  | MHDXYZ |  |
| MHDZZZZ |  | MHDXY |  |
| MHDY |  | MHDXZY |  |
| MHDYY |  | MHDXZ |  |
| MHDYYY |  | MHDXZZ |  |
| MHDYYYY |  | | |

Accessories

Mobile Home Panels

Hubs not used on mobile home panels.

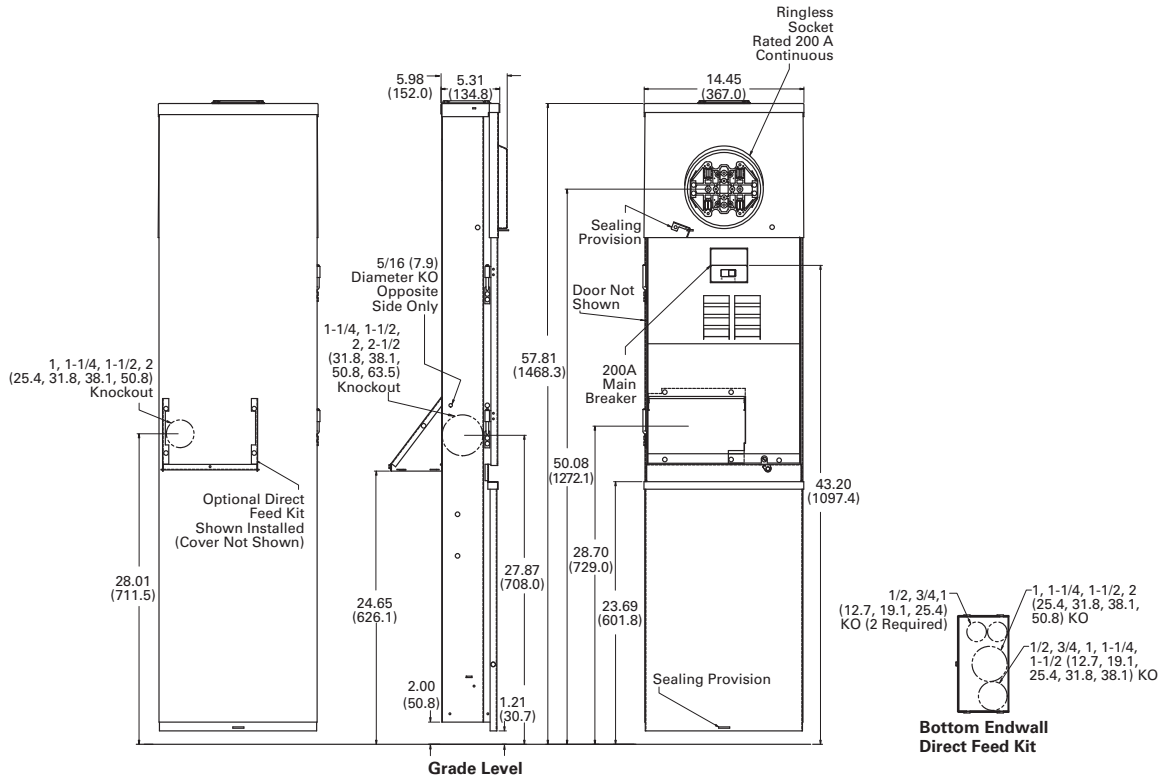
| Description | Amperes | Catalog Number |
|------------------------------------|---------|----------------|
| Direct feed kit | — | MHDFK |
| Pedestal extension | 200 | MHPEDEXT |
| Stainless steel pedestal extension | 200 | MHPEDEXTSS |
| Padmount adapter | 200 | MHPADEXT |
| Pedestal extension | 100 | CHPEDEXT100 |
| Stainless steel pedestal extension | 100 | CHPEDESTSS100 |
| Padmount adapter | 100 | CHPADEXT100 |

Note

^① For 100 A units, the accessory Catalog Number would be MHD1 _____. For example, to order a deadfront to accept one 30 A receptacle (round) in a 100 ampere device, the Catalog Number would be MHD1X.

Dimensions

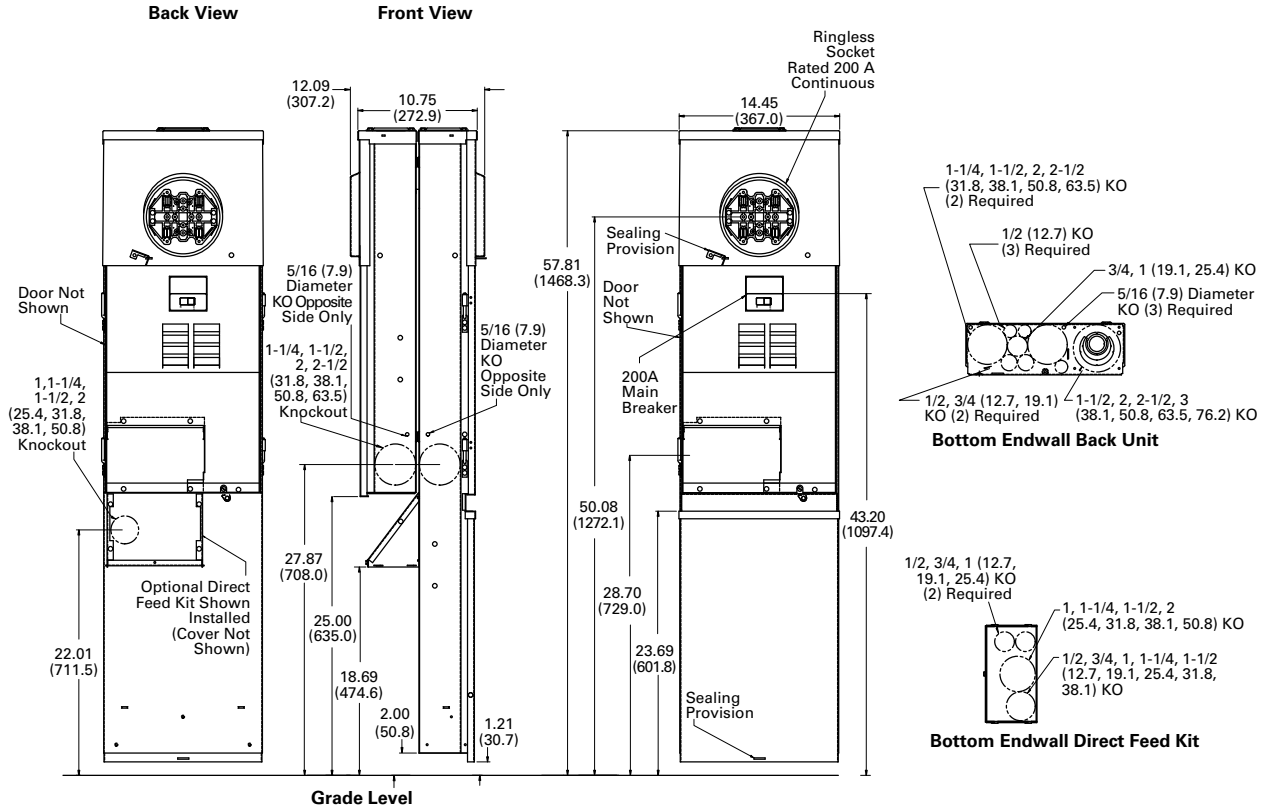
Approximate Dimensions in Inches (mm)

Mobile Home Panel—Ringless—Pedestal Mounting

Approximate Dimensions in Inches (mm)

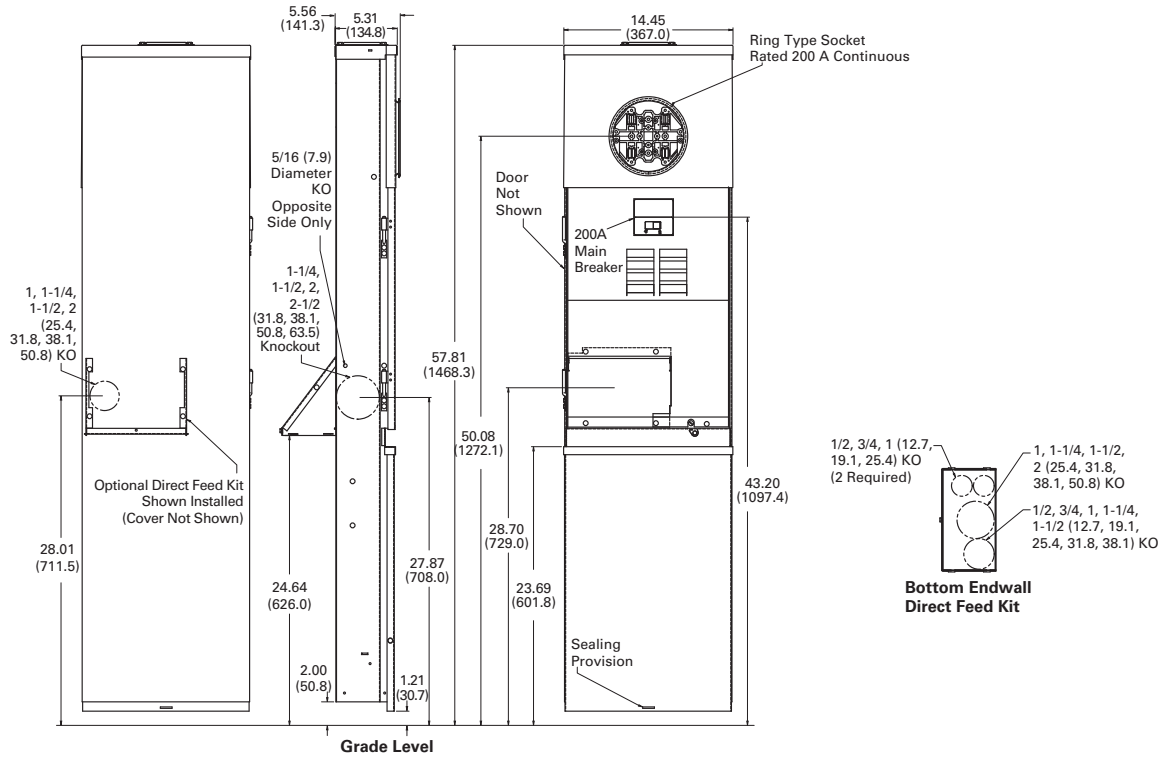
Mobile Home Panel—Ringless—Back-to-Back Mounting

5



Approximate Dimensions in Inches (mm)

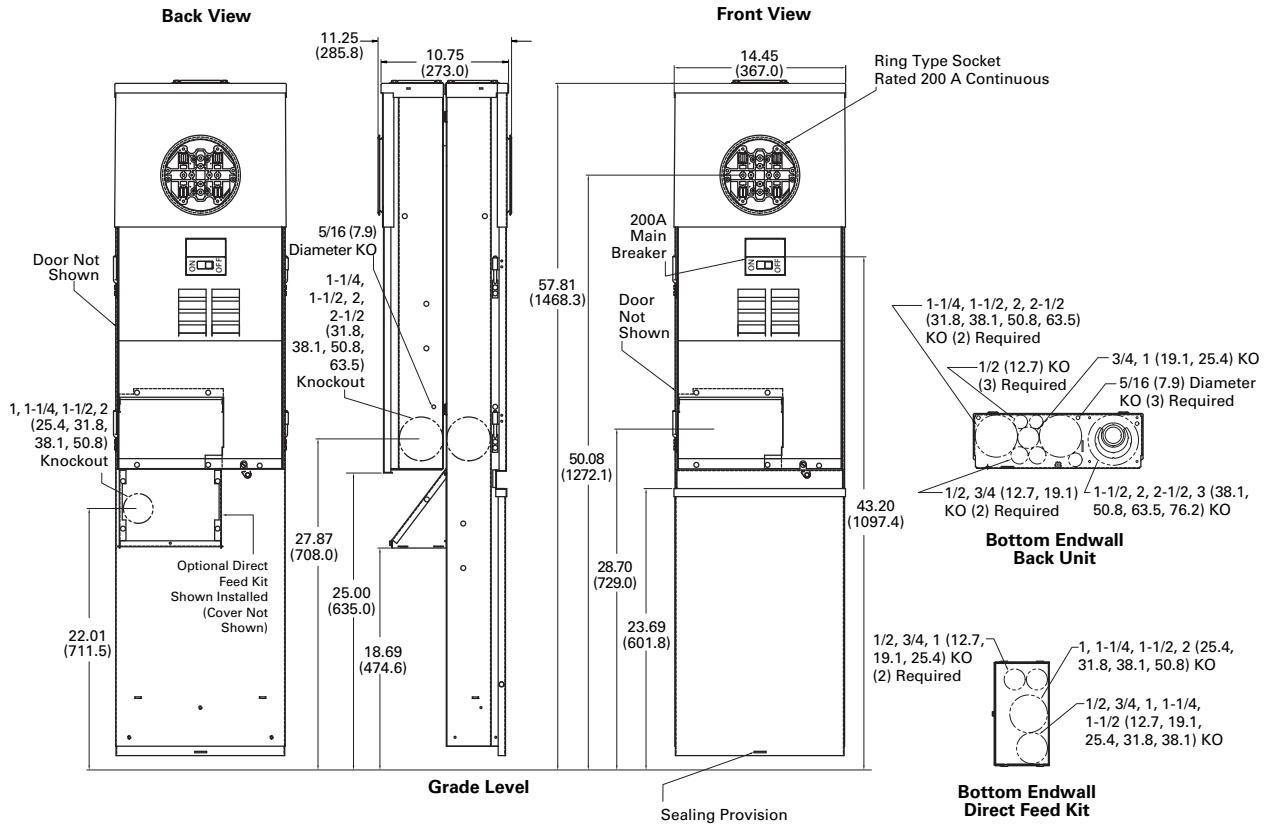
Mobile Home Panel—Ring—Pedestal Mounting



Approximate Dimensions in Inches (mm)

Mobile Home Panel—Ring—Back-to-Back Mounting

5



Recreational Vehicle/Campground Products

*High-Quality, Weatherproof Electrical Equipment*

5

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| Power Pedestals | |
| Product Selection Guide | V1-T5-29 |
| Powerhouse Power Pedestal | V1-T5-30 |
| Powerhouse—Stainless Steel (SS) Power Pedestal | V1-T5-33 |
| Newport Camp Mate Power Pedestal | V1-T5-36 |
| Park Light Power Pedestal | V1-T5-39 |
| Firehouse | V1-T5-42 |
| Digital Electronic Kilowatthour Meters | V1-T5-44 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-45 |
| Distribution Equipment—Substations | V1-T5-46 |
| Distribution Equipment—Panels | V1-T5-49 |
| Distribution Equipment—Transformers | V1-T5-50 |

Power Pedestals**Product Overview**

On March 24, 2006, RV Park Hook-Ups® joined together with Eaton to provide unmatched products and services in the recreational vehicle industry, as well as the marina industry. Known as the leader in electrical control, power distribution, and industrial automation products and services, Eaton is a quality driven company that constantly looks for ways to provide enhanced products and service solutions for their customers. Eaton will be able to provide RV park developers a complete electrical solution. For more information on the other products available from Eaton, visit us online at www.eaton.com or www.rvparkhookups.com

What Eaton has to Offer

- Complementary comprehensive in-house electrical designs for your complete RV or marina development
- RV and marina power pedestals
- Custom substations
- Transformers
- Panels
- Wire
- Digital electronic meters
- Receptacles and breakers
- Specialized electrical parts and equipment

Product Selection Guide

Power Receptacles



5

| Power Outlets | | | Maximum GFI | | | |
|---------------|----------|-------|-------------|---------------|-------------------|------------|
| Side One | Side Two | Phase | Powerhouse | Powerhouse-SS | Newport Camp Mate | Park Light |
| None | None | 1 | 2 | 2 | 2 | 2 |
| 30-20 | 00 | 1 | 2 | 2 | 1 | 1 |
| 30-20 | 30-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 30-30-20 | 1 | 2 | 2 | — | — |
| 30-20 | 50-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 50-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 30-50-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 50-50-20 | 1 | 2 | 2 | — | — |
| 30-50-20 | 30-50-20 | 1 | 2 | 2 | — | — |
| 30-50-20 | 50-50-20 | 1 | 2 | 2 | — | — |
| 50-20 | None | 1 | 2 | 2 | — | — |
| 50-20 | 50-20 | 1 | 2 | 2 | — | — |
| 50-50-20 | 50-20 | 1 | 2 | 2 | — | — |
| 50-50-20 | 50-50-20 | 1 | 2 | 2 | — | — |
| 30-50-20 | None | 1 | 2 | 2 | 0 | — |

Powerhouse Power Pedestal**Powerhouse Power Pedestal****Product Description**

The Powerhouse® RV utility center is our most popular pedestal for single or double RV sites because of its full complement of standard features and available option packages able to meet any user requirement. The housing is made of durable weatherproof engineered resin and will never rust or deteriorate.

That's why it comes with a limited lifetime warranty. Since the Powerhouse can accommodate two RV sites, it's an economical pedestal for double site installation. This unit is ideal for new, or when retrofitting, full-service RV parks.

Features

- Photocell controlled 13 watt fluorescent light with amber lens
- Lockable weatherproof doors that protect receptacles and breakers
- Hose and cable brackets
- Engineered resin housing with a two-part polyurethane coating for a UV-resistant, long-lasting finish
- Limited lifetime warranty on the housing
- Loop-feed mechanical busbars that can accept up to 250 kcmil wire
- Hinged pedestal base providing easy access for installation and maintenance

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| Powerhouse Power Pedestal | |
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| Catalog Number Selection | V1-T5-31 |
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| Digital Electronic Kilowatthour Meters | V1-T5-44 |
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| Distribution Equipment—Substations | V1-T5-46 |
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| Distribution Equipment—Transformers | V1-T5-50 |

Surge Protection

SurgeTrap is designed to protect electrical and electronic loads from transients and surge disturbances on your AC power line, such as voltage surges, spikes and lighting. The SurgeTrap has a lifetime warranty where Eaton will replace the SurgeTrap device at no charge.

- 175 kA maximum surge current
- 3500 joules
- Type 3R enclosure
- Comes with a protection working indicator light
- Factory installed integral to pedestal or available for retrofit

Available Options

- Clear lens
- Photocell controlled single or dual 7 watt or 13 watt fluorescent light
- Telephone (RJ-11) for each side
- Cable TV for each side
- High-speed Internet connector (RJ-45) for each side
- Water—single or dual 1/4-turn brass ball valves (brass "T" connection) with 3/4-inch hose bibs
- Water meters with remote capability
- Water—anti-siphon faucet
- Loop-feed 3/8-inch stud lug copper busbar for up to 250 kcmil wire (recommended for salt water environments)
- Single-feed mechanical busbars for up to 250 kcmil wire
- Digital electronic meter for each side
- Wireless remote reading of electronic kilowatt meters
- Meter socket for each side powered (to accept glass style meter)
- Direct burial ground mounting stand stainless or galvanized
- Custom paint color

Standards and Certifications

- UL/CSA listed



Catalog Number Selection

P D U 4 7 0 0 0 0 0 0 1 2 K M

| Type | |
|----------------|----------|
| P = Powerhouse | Z = PHSS |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Sides and Receptacles | | | | | | | |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|
| R1 S1 | R2 S1 | R3 S1 | R4 S1 | R1 S2 | R2 S2 | R3 S2 | R4 S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None
 1 = 20 A GFI duplex
 2 = 30 A, 125 V
 4 = 50 A, 125/250 V
 5 = 100 A, 208 V
 6 = 100 A, 250 V
 7 = 100 A, 277/480 V
 8 = 100 A, 480 V

| Water Option ① | |
|------------------------|--|
| 0 = 0 | |
| 1 = 1 | |
| 2 = 2 | |
| 3 = Single water meter | |
| 4 = Dual water meter | |
| 5 = Single meter, 2 V | |
| 6 = 1 frost free | |
| 7 = 2 frost free | |

| Extra Unmetered GFI Receptacles | |
|---------------------------------|--|
| 0 = None | |
| 1 = 1 | |
| 2 = 2 | |

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|-----------------|
| Phone Jack | Cable TV Jack | Internet Option |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Bus | |
|--|--|
| S = Single-phase 3/8-inch copper busbar | |
| F = Three-phase 3/8-inch copper busbar | |
| C = Single-phase 3/8-inch Canadian busbar | |
| T = Three-phase 3/8-inch Canadian busbar | |
| M = Single-phase 300 kcmil mechanical lug bus | |
| Z = Three-phase 300 kcmil mechanical lug bus | |
| L = Single-phase 350 kcmil mechanical lug bus | |
| P = Three-phase 350 kcmil mechanical lug bus | |
| N = Single-phase 1/4-inch copper busbar | |
| Q = Single-phase 1/4-inch split mechanical busbar | |
| A = Single-phase 300 kcmil mechanical lug Canadian bus | |
| B = Three-phase 300 kcmil mechanical lug Canadian bus | |
| D = Single-phase 350 kcmil mechanical lug Canadian bus | |
| E = Three-phase 350 kcmil mechanical lug Canadian bus | |

| Metering Type | |
|--|--|
| U = Unmetered | |
| D = Digital electronic meters (side one) | |
| T = Digital electronic meters (side two) | |
| B = Digital electronic meters (both sides) | |
| R = Receptacles metered individually | |
| M = One meter socket (100 A) | |
| N = Two meter socket (100 A each) | |

Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R3S1 = Receptacle 3, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2
 R3S2 = Receptacle 3, Side 2

Notes

① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.

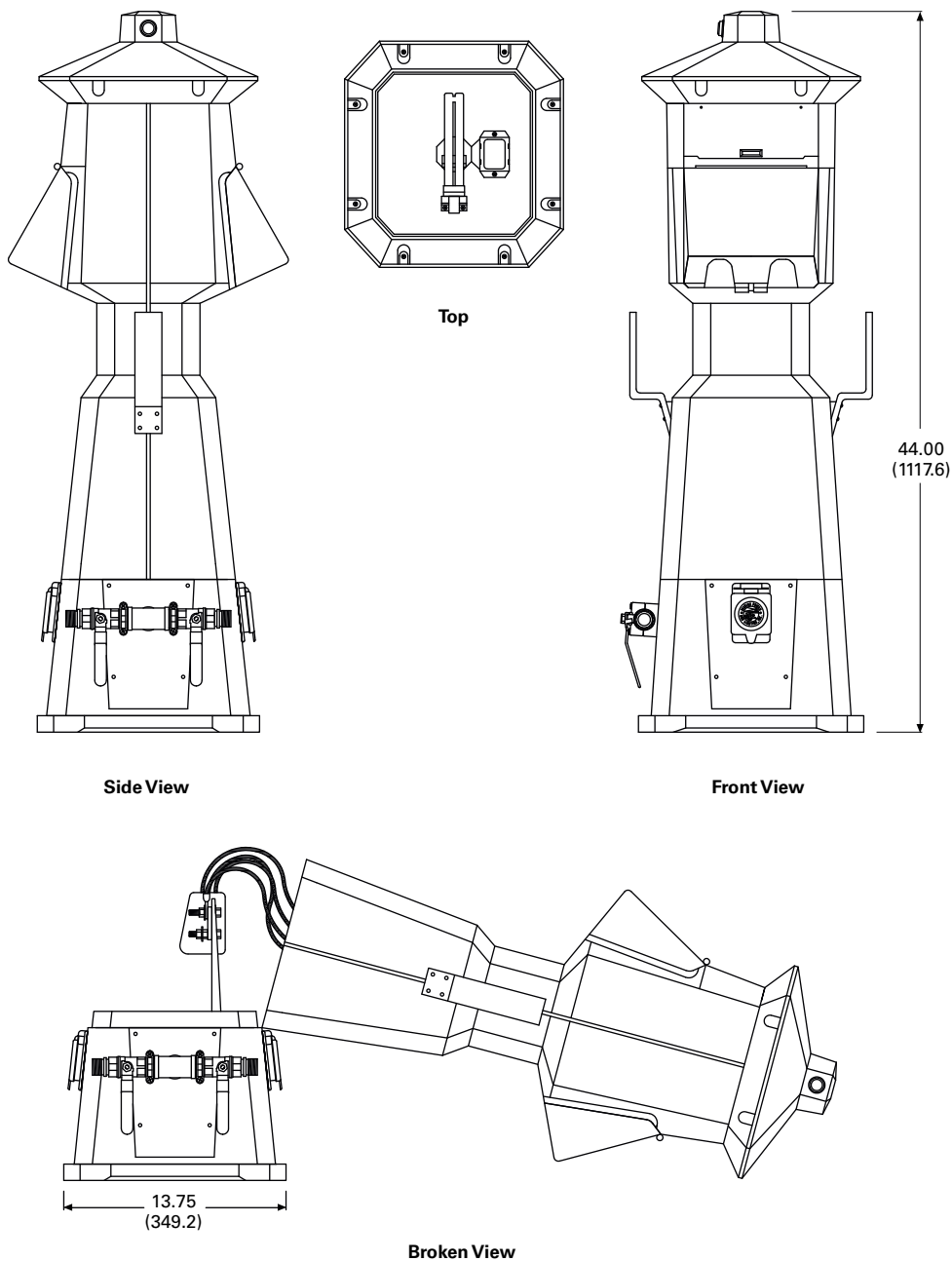
Internet option also available. Contact factory for details.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Powerhouse

5



Powerhouse—Stainless Steel (SS) Power Pedestal**Contents**

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Powerhouse—Stainless Steel (SS) Power Pedestal**Product Description**

For long-lasting durability and low maintenance, the new stainless steel Powerhouse—SS pedestal is the most resilient power center offered.

We have designed a stainless steel pedestal that will meet and exceed all applicable codes and withstand harsh inland and coastal environments.

Features

- Stainless steel housing with a limited lifetime warranty
- Photocell controlled 13 watt fluorescent light with amber lens
- Large removable access panel for easy installation and maintenance
- Weatherproof doors that protect receptacles and breakers
- Backlit faceplate to aid in hooking up at night
- Hose and cable brackets
- Powder-coated finish
- Loop-feed mechanical busbars that can accept up to 350 kcmil wire

Available Options

- Clear lens
- Photocell controlled single or dual 7 watt or 13 watt fluorescent light
- Telephone (RJ-11) for each side
- Cable TV for each side
- High-speed Internet connection (RJ-45) for each side
- Water—single or dual 1/4-turn brass ball valves (brass “T” connection) with 3/4-inch hose bibs
- Water meters with remote capability
- Water—anti-siphon faucet
- Direct burial stainless steel ground mounting stand
- Lockable doors
- Loop-feed 3/8-inch stud lug copper busbar for up to 350 kcmil wire (recommended for salt water environments)
- Single-feed mechanical busbars for up to 350 kcmil wire
- Digital electronic metering for each side
- Wireless remote reading of electronic kilowatt meters
- Meter socket for each side powered (to accept glass style meter)
- Four door design to add more outlets per pedestal

Catalog Number Selection

Z D U 4 7 0 0 0 0 0 1 2 K M

5

| Type |
|----------------|
| P = Powerhouse |
| Z = PHSS |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Metering Type |
|--|
| U = Unmetered |
| D = Digital electronic meters (side one) |
| T = Digital electronic meters (side two) |
| B = Digital electronic meters (both sides) |
| R = Receptacles metered individually |
| M = One meter socket (100 A) |
| N = Two meter socket (100 A each) |

| Sides and Receptacles | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|
| R1S1 | R2S1 | R3S1 | R4S1 | R1S2 | R2S2 | R3S2 | R4S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None
 1 = 20 A GFI duplex
 2 = 30 A, 125 V
 4 = 50 A, 125/250 V
 5 = 100 A, 208 V
 6 = 100 A, 250 V
 7 = 100 A, 277/480 V
 8 = 100 A, 480 V

| Water Option ^① |
|---------------------------|
| 0 = 0 |
| 1 = 1 |
| 2 = 2 |
| 3 = Single water meter |
| 4 = Dual water meter |
| 5 = Single meter, 2 V |
| 6 = 1 frost free |
| 7 = 2 frost free |

| Extra Unmetered GFI Receptacles |
|---------------------------------|
| 0 = None |
| 1 = 1 |
| 2 = 2 |

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|-----------------|
| Phone Jack | Cable TV Jack | Internet Option |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Bus |
|--|
| S = Single-phase 3/8-inch copper busbar |
| F = Three-phase 3/8-inch copper busbar |
| C = Single-phase 3/8-inch Canadian busbar |
| T = Three-phase 3/8-inch Canadian busbar |
| M = Single-phase 300 kcmil mechanical lug bus |
| Z = Three-phase 300 kcmil mechanical lug bus |
| L = Single-phase 350 kcmil mechanical lug bus |
| P = Three-phase 350 kcmil mechanical lug bus |
| N = Single-phase 1/4-inch copper busbar |
| Q = Single-phase 1/4-inch split mechanical busbar |
| A = Single-phase 300 kcmil mechanical lug Canadian bus |
| B = Three-phase 300 kcmil mechanical lug Canadian bus |
| D = Single-phase 350 kcmil mechanical lug Canadian bus |
| E = Three-phase 350 kcmil mechanical lug Canadian bus |

Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R3S1 = Receptacle 3, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2
 R3S2 = Receptacle 3, Side 2

Notes

^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.

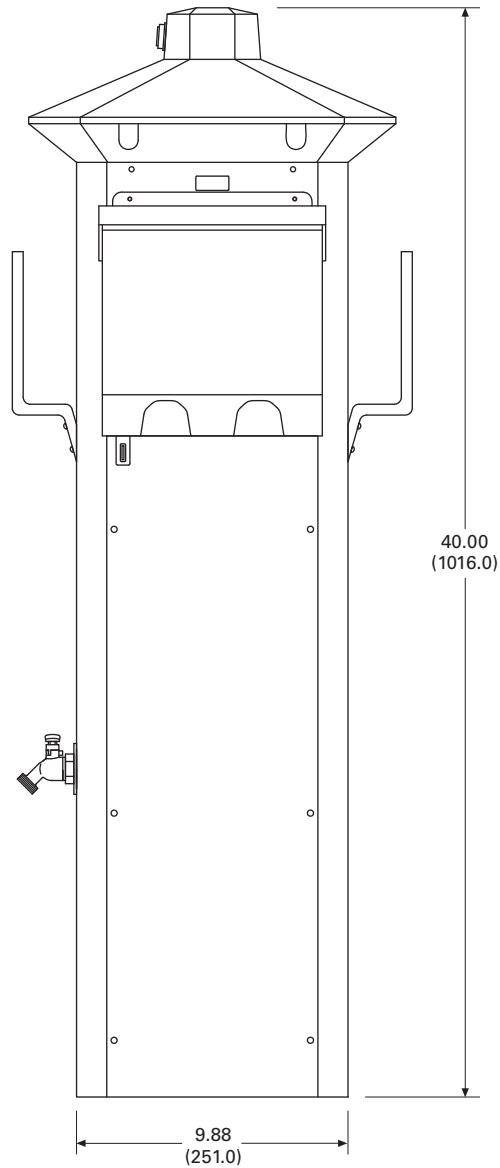
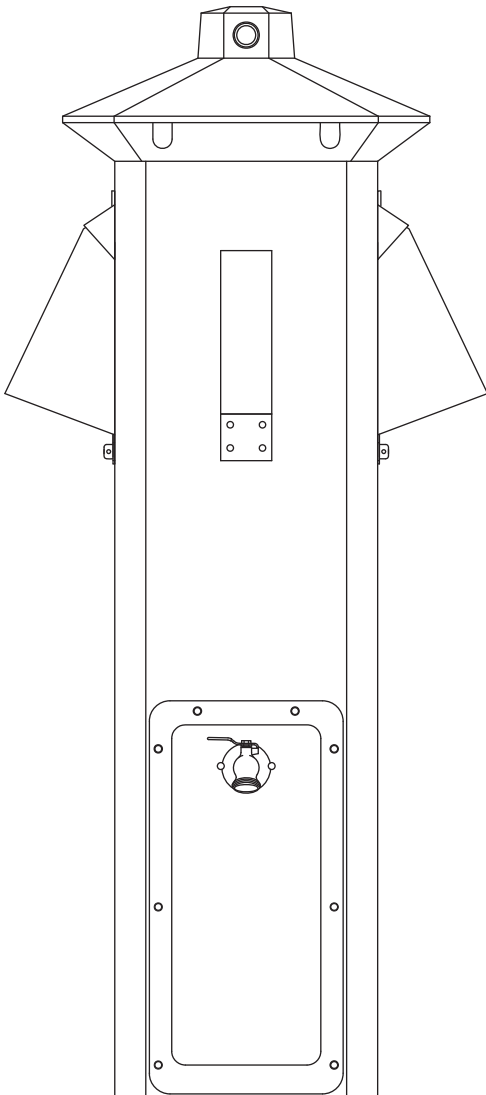
Internet option also available. Contact factory for details.

Accessories

See **Page V1-T5-75**.

Dimensions

Approximate Dimensions in Inches (mm)

Powerhouse—Stainless Steel (SS)

Newport Camp Mate Power Pedestal**Newport Camp Mate Power Pedestal****Product Description**

The Newport Camp Mate provides many of the features and options of our other full-size pedestals, but in a compact self-contained unit. This model provides more mounting options to RV park owners than any other model. It can be mounted to our stainless steel stand either flanged or direct burial, a post or any wall.

It comes standard with a resin housing that will never rust or deteriorate and provides area lighting as well as aiding in hooking up at night. This unit is especially suitable to many RV park renovation projects as well as new RV parks.

Features

- Photocell controlled 7 watt fluorescent light with amber lens
- Lockable weatherproof door that protects receptacles and breakers
- Engineered resin housing
- Limited lifetime warranty on the housing
- Designed to mount on a post, wall or an optional custom stand
- Loop-feed 1/4-inch copper stud lug busbars that can accept 2/0 AWG wire for Camp Mate without optional stand
- Loop-feed mechanical busbars that can accept up to 2/0 AWG wire for Camp Mate on optional stand

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| Powerhouse—Stainless Steel (SS) Power Pedestal | V1-T5-33 |
| Newport Camp Mate Power Pedestal | |
| Catalog Number Selection | V1-T5-37 |
| Accessories | V1-T5-38 |
| Dimensions | V1-T5-38 |
| Park Light Power Pedestal | V1-T5-39 |
| Firehouse | V1-T5-42 |
| Digital Electronic Kilowatthour Meters | V1-T5-44 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-45 |
| Distribution Equipment—Substations | V1-T5-46 |
| Distribution Equipment—Panels | V1-T5-49 |
| Distribution Equipment—Transformers | V1-T5-50 |

Available Options

- 36-inch stainless steel stand
- 40-inch stainless steel pad-mounted stand
- 60-inch direct burial stainless steel stand
- Telephone (RJ-11)
- Cable TV
- High-speed Internet connector (RJ-45)
- Water—single or dual 1/4-turn brass ball valves (brass “T” connection) with 3/4-inch hose bibs mounted on optional stand
- Water—anti-siphon backflow preventer
- Loop feed 3/8-inch stud lug copper busbar for up to 350 kcmil wire with stand (recommended for salt water environments)
- Single-feed mechanical busbars for up to 350 kcmil wire available with stand
- Digital electronic meter
- Wireless remote reading of electronic kilowatt meter
- Meter socket available with aluminum stands (to accept glass style meter)

Standards and Certifications

The Newport Camp Mate is UL listed and comes with a limited lifetime warranty on the housing.



Catalog Number Selection

C A Y B U 4 3 0 1 1 2 W M

Type

N = NP Harbor Mate
C = NP Camp Mate

Photocell

Y = Yes
N = No

Lighting and Lens Color

| | | |
|----------|---------------|---------|
| A | = 7 W light | Amber |
| C | = 9 W light | Amber |
| F | = No lighting | Amber |
| G | = 7 W light | Clear |
| I | = 9 W light | Clear |
| L | = No lighting | Clear |
| M | = 7 W light | Special |
| O | = 9 W light | Special |
| R | = No lighting | Special |
| S | = 350 MA LED | Amber |
| T | = 700 MA LED | Amber |
| U | = 350 MA LED | Clear |
| V | = 700 MA LED | Clear |
| W | = 350 MA LED | Special |
| Y | = 700 MA LED | Special |

Lighting Protection

B = Breaker protected
F = Fuse protected

Metering Type ①

U = Unmetered
D = Digital electronic meters
R = Receptacles metered individually

Sides and Receptacles

| R1S1 | R2S1 | R3S1 |
|----------|----------|----------|
| 0 | 0 | 0 |
| 1 | 1 | 1 |
| 2 | 2 | |
| 3 | 3 | |
| 4 | 4 | |

0 = None
1 = 20 A GFI duplex
2 = 30 A, 125 V
3 = 50 A, 125 V
4 = 50 A, 125/250 V

Stand

0 = 0
1 = 1

Water Option ②

0 = 0
1 = 1
2 = 2

Hard Wired Breakers

S1

0 = None
2 = 20 A, two-pole
3 = 30 A

Bus

S = Single-phase 1/4-inch copper busbar
F = Three-phase 1/4-inch copper busbar
C = Single-phase 1/4-inch Canadian busbar
M = Mechanical lug 2/0
Q = Single-phase 1/4-inch split mechanical busbar (with stand ONLY)
A = 1/4-inch Canadian mechanical

Phone Cable TV and Internet Options

| | Phone Jack | Cable TV Jack | Internet Option |
|----------|------------|---------------|--------------------|
| A | = 1 | 0 | 0 |
| B | = 1 | 0 | 1 |
| C | = 1 | 0 | 2 |
| D | = 1 | 1 | 0 |
| E | = 1 | 1 | 1 (Camp Mate only) |
| T | = 0 | 0 | 1 |
| V | = 0 | 1 | 0 |
| W | = 0 | 1 | 1 |
| O | = 0 | 0 | 0 |

Receptacle: R1 = Receptacle 1
R2 = Receptacle 2
R3 = Receptacle 3

Notes

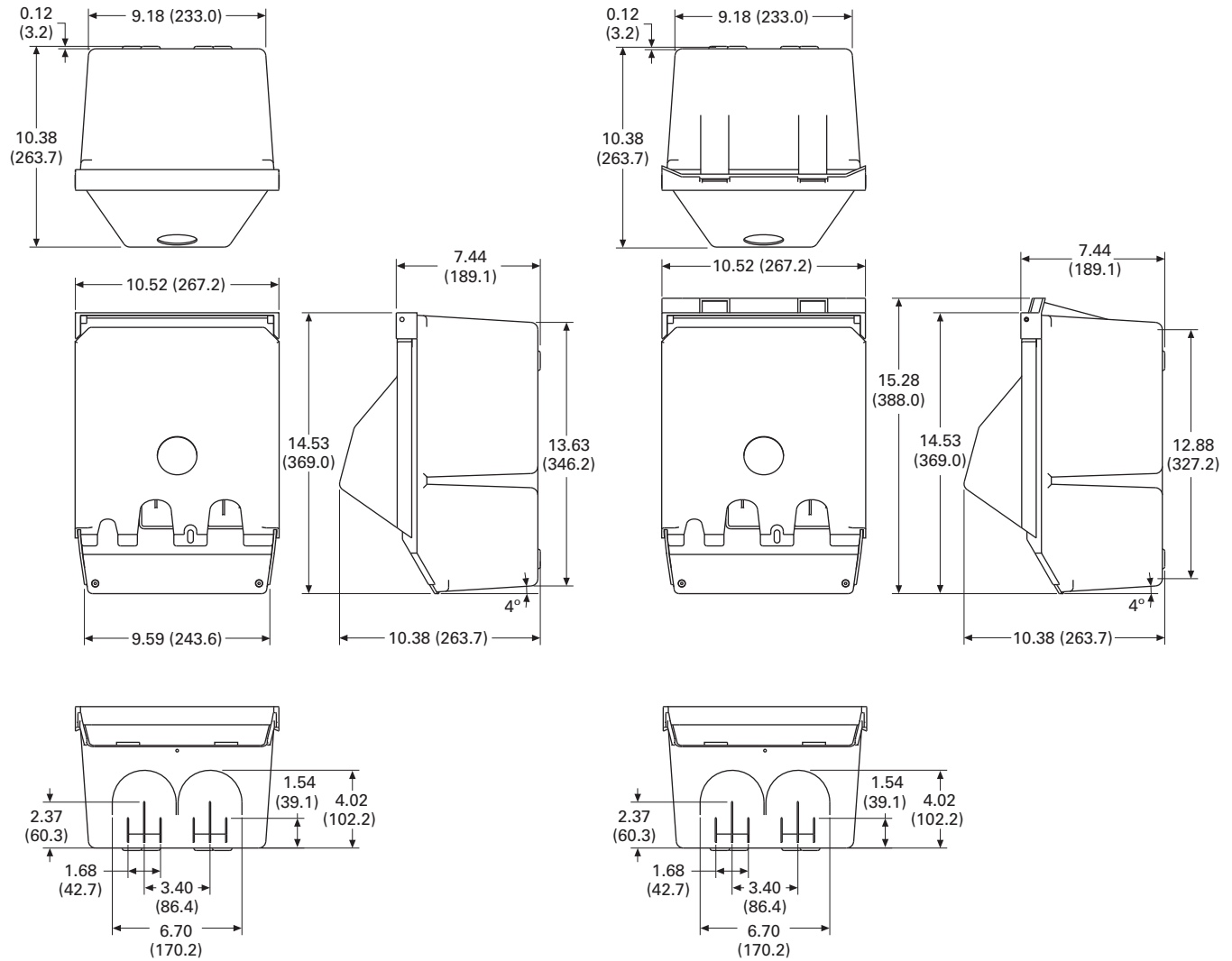
- ① 20 A GFIs not metered.
② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs (with stand only).

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Newport Camp Mate

5

**Newport Redesign****Newport Redesign With Meters**

Park Light Power Pedestal**Contents**

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| Newport Camp Mate Power Pedestal | V1-T5-36 |
| Park Light Power Pedestal | |
| Catalog Number Selection | V1-T5-40 |
| Accessories | V1-T5-41 |
| Dimensions | V1-T5-41 |
| Firehouse | V1-T5-42 |
| Digital Electronic Kilowatthour Meters | V1-T5-44 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-45 |
| Distribution Equipment—Substations | V1-T5-46 |
| Distribution Equipment—Panels | V1-T5-49 |
| Distribution Equipment—Transformers | V1-T5-50 |

Park Light Power Pedestal**Product Description**

The elegant design of the Park Light complements park landscaping and provides essential lighting required for park safety and security for campground paths, walkways, recreational areas and even pools. The Park Light has the same 360 degree lighting design as the Powerhouse and a resin housing that will never rust or deteriorate.

At 10¢/kWH, it will provide area lighting at a cost of less than 50¢/month and the bulbs will last for about three years. The Park Light is a perfect lighting fixture for any campground and especially for RV parks with Powerhouse utility centers.

Features

- Photocell controlled dual 13 watt fluorescent light with amber lens
- Engineered resin housing with a two-part polyurethane coating for a UV-resistant, long-lasting finish
- Limited lifetime warranty on the housing
- Loop-feed 1/4-inch stud lug copper busbars that can accept 2/0 AWG wire

Available Options

- Clear lens
- Photocell controlled single or dual 7 watt or 13 watt fluorescent light
- Phone (RJ-11)
- Cable TV
- High-speed Internet (RJ-45)
- Water faucet(s) with 3/4-inch hose bib
- Water—anti-siphon backflow preventer
- Digital electronic meter
- Wireless remote reading of electronic kilowatt meter
- Direct burial ground mounting stand
- Custom paint color

Standards and Certifications

The housing has a limited lifetime warranty, and the unit is UL listed.



Catalog Number Selection

H D Y B D 4 7 0 1 2 A M

Type

H = Hatteras Light
R = Park Light

Photocell

Y = Yes
N = No

Lighting and Lens Color

A = 7 W light Amber
B = Dual 7 W light Amber
C = 9 W light Amber
D = 13 W light Amber
E = Dual 13 W light Amber
F = No lighting Amber
G = 7 W light Clear
H = Dual 7 W light Clear
I = 9 W light Clear
J = 13 W light Clear
K = Dual 13 W light Clear
L = No lighting Clear
M = 7 W light Special
N = Dual 7 W light Special
O = 9 W light Special
P = 13 W light Special
Q = Dual 13 W light Special
R = No lighting Special
S = 350 MA LED Amber
T = 700 MA LED Amber
U = 350 MA LED Clear
V = 700 MA LED Clear
W = 350 MA LED Special
Y = 700 MA LED Special

Lighting Protection

B = Breaker protected
F = Fuse protected

Metering Type ^①

U = Unmetered
D = Digital electronic meters
R = Receptacles metered individually

Sides and Receptacles

| R1S1 | R2S1 | R1S2 |
|------|------|------|
| 0 | 0 | 0 |
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |

0 = None
1 = 20 A GFI duplex
2 = 30 A, 125 V
3 = 50 A, 125 V
4 = 50 A, 125/250 V

Water Option ^②

0 = 0
1 = 1 (1/2-inch)
2 = 2 (1/2-inch)
3 = 1 (3/4-inch)
4 = 2 (3/4-inch)

Hard Wired Breakers

S1

0 = None
2 = 20 A, two-pole
3 = 30 A

Bus

S = Single-phase 1/4-inch copper busbar
F = Three-phase 1/4-inch copper busbar
C = Single-phase 1/4-inch Canadian busbar
M = Mechanical lug 2/0
A = 1/4-inch Canadian mechanical

Phone Cable TV and Internet Options

| Phone Jack | Cable TV Jack | Internet Option |
|------------|---------------|-----------------|
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| M = 2 | 1 | 0 |
| P = 2 | 2 | 0 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |

Receptacle: R1 = Receptacle 1, Side 1
R2 = Receptacle 2, Side 2

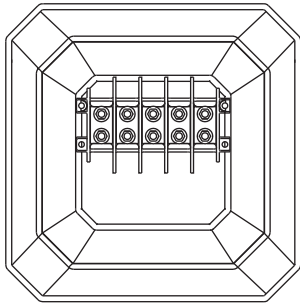
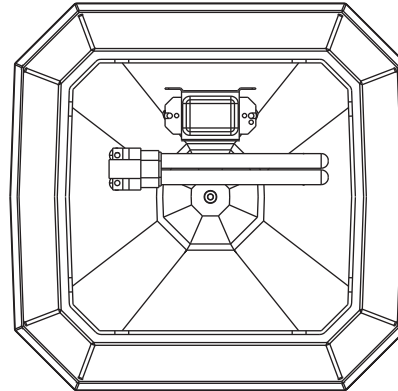
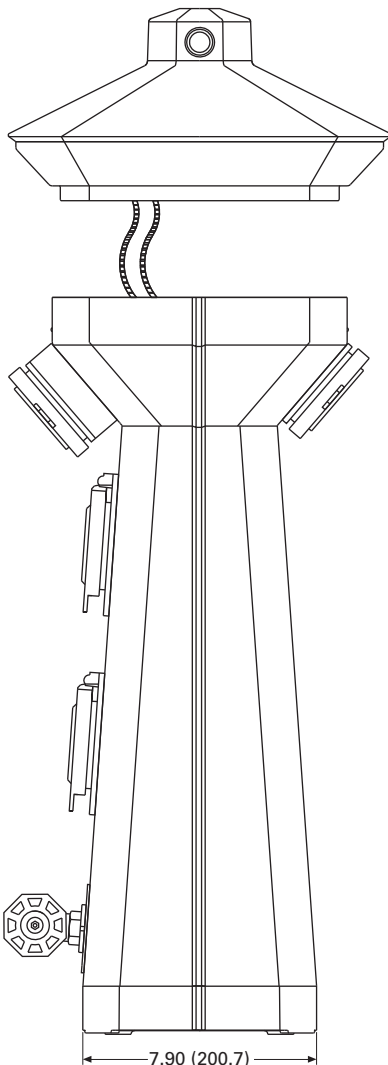
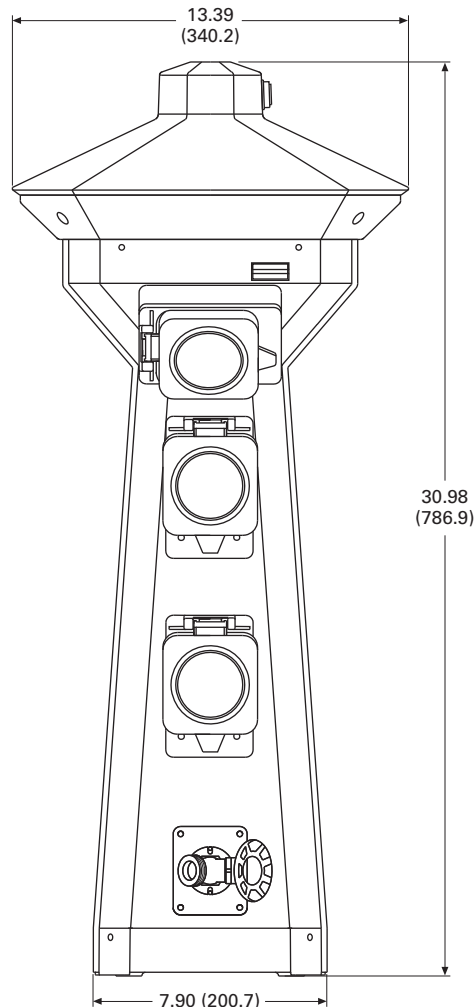
Notes

^① 20 A GFIs not metered.

^② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs (with stand only).

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Park Light**Busbar Access Top Removed****Inside Top****Side View****Front View**

Firehouse



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Firehouse

Product Description

The Firehouse is designed to provide added fire safety to RV parks and campgrounds. The Firehouse provides a convenient location and easy access to fire extinguishers and to an optional life ring when installed around pools and waterfront amenities.

In addition, the Firehouse provides area lighting for easy identification during an emergency and for security lighting around the unit. The Firehouse can be equipped with an alarm strobe light and siren, which are automatically activated when the fire extinguisher cabinet door is opened or the optional life ring is removed.

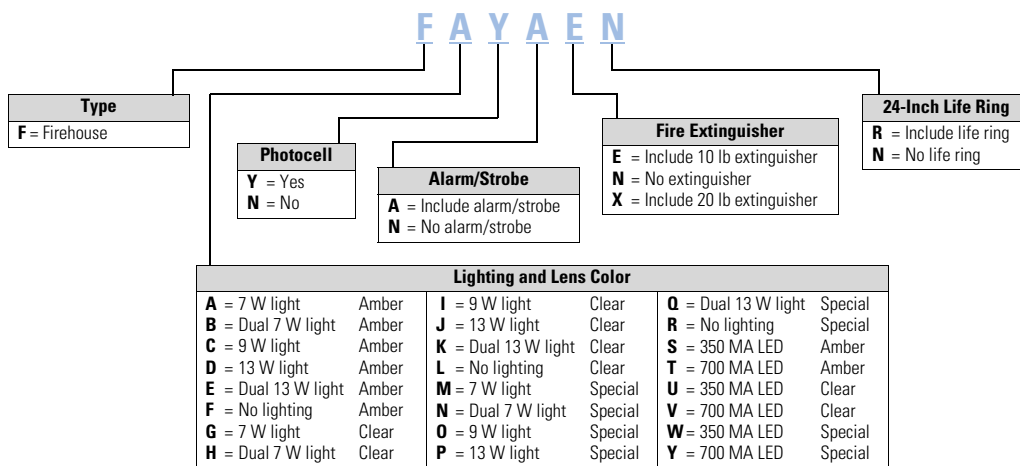
Features

- Photocell controlled 13 watt fluorescent light
- Amber lens for bug reduction
- 10 lb ABC Type fire extinguisher
- Stainless steel housing with oven-baked enamel finish with an engineered resin base and top
- Limited lifetime warranty on the housing

Available Options

- Alarm strobe light and siren
- Optional 24-inch white or orange life ring for poolside or dockside installations
- 20 lb ABC Type fire extinguisher

Catalog Number Selection

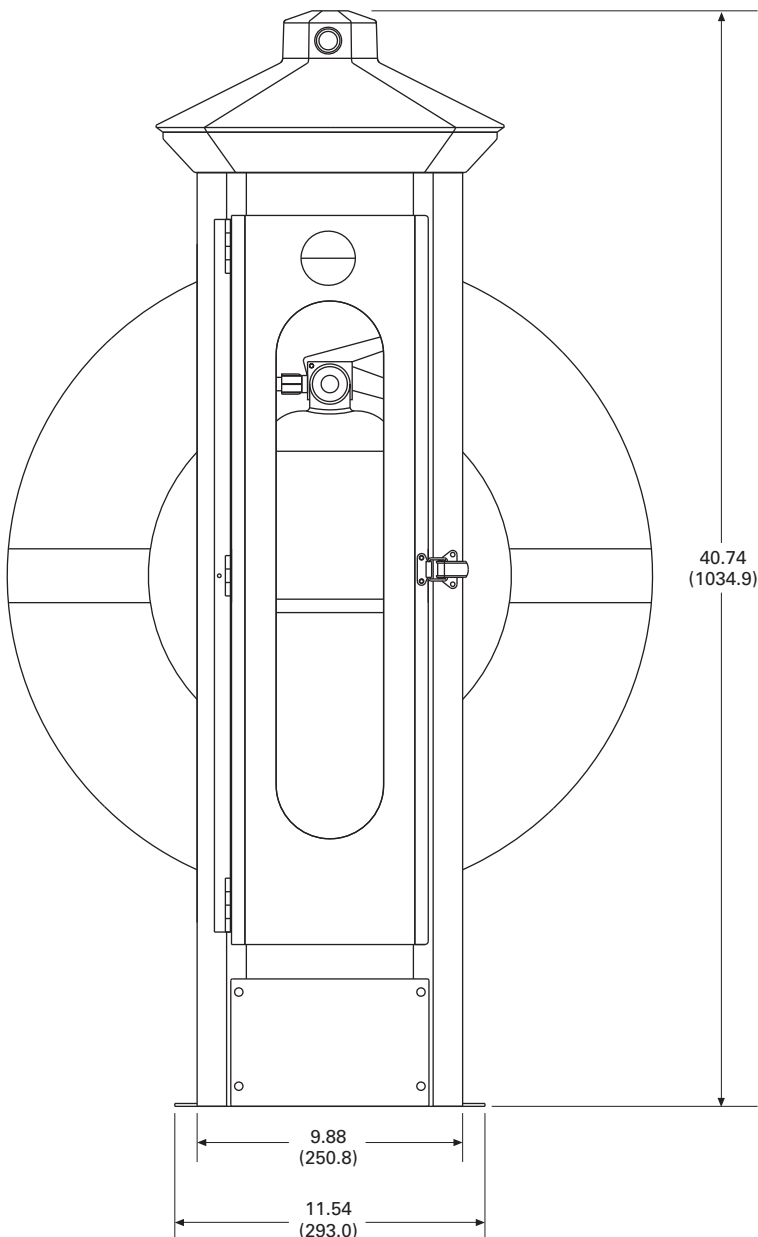


AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Firehouse—SS

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Digital Electronic Kilowatthour Meters**Digital Electronic Kilowatthour Meters****Product Description**

Using the latest surface mount technology, Eaton manufactures a digital electronic kilowatt hour meter that exceeds the $\pm 2\%$ accuracy required by ANSI (American National Standards Institute) C-12.1 and is approved by the state of California at $\pm 1\%$ over the full range of 0–100 A from a 0.5 to 1 power factor and is available for both single- and three-phase applications.

The meter drives an electro-mechanical counter that requires a 12 V pulse each tenth of a kilowatthour, providing 10 pulses per kilowatt used. The meter output can be hard wired or connected to a transmitter in the pedestal for wireless transmission to a receiver displaying the output on a PC for direct billing of up to 1,000 individual customers.

Features

Our meter is designed to be user friendly in that all connections from external sources and the meter output are through one 14-pin locking connector. This feature eliminates many common problems, such as reverse line polarity and improper coil polarity. Simple LEDs, both red and green, indicate line and load condition and the pulsed LED indicates the rate of power consumption.

Wireless System

All of our meters are “wireless capable” to allow for wireless meter reading. This technology enables the marina or RV park to get meter readings from one central location rather than visiting every site to read the counters.

Meter Socket Capabilities

Meter sockets are available on the Powerhouse and Powerhouse–SS.

Standard:

- Four jaw
- Ring-type
- 100 A

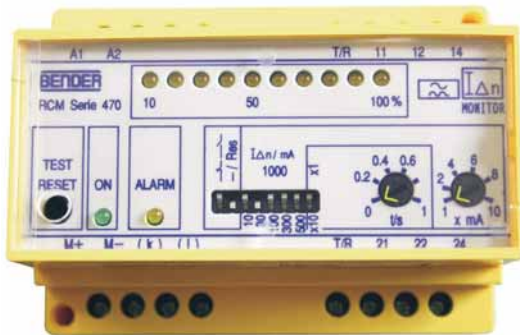
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Available Options

- 200 A (SS only)
- Lockable hasp
- Ringless (SS only)
- Five jaw
- Seven jaw (SS only)

Product Selection**One Element Meter****Two Element Meter****Three Element Meter**

Ground Fault Monitor**Contents****Description****Page**

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Distribution Equipment—Ground Fault Monitor**Product Description**

New to our product offering are ground fault monitoring systems designed to detect fault currents in the AC shore power system that are too low to trip a circuit breaker. The Ground Fault Monitor helps reduce the risk of injury or property damage, which may result from stray fault currents. Our ground fault monitoring system provides information to the maintenance staff on the overall condition of the AC electrical system. The ground fault monitoring system operates 24 hours a day and can be monitored by non-technical personnel.

Features

- UL listed current transformers
- Adjustable trip level 10 mA to 10 A
- Current transformers up to 8 1/4-inch diameter
- Visual and/or audible alarm
- Housing of fiberglass or powder coated stainless steel available

Power Guard

The ground fault monitor detects ground fault currents by means of current transformers (CT), which are placed around main or branch circuits. If a ground fault occurs, the CT will detect the amount of fault current and send a signal to the ground fault monitoring device where the amount of fault current is displayed with the faulty circuit identified. The detected fault can either activate an indicator alarm or disconnect the faulted circuit.

Substations

*Side-by-Side Substation*

Distribution Equipment—Substations

Product Description

The introduction of substations into the marina and recreational vehicle market allows Eaton to be your complete marina and RV park electrical products supplier. We are able to assist in the design and layout of your marina or RV park electrical system from the primary service provider to your power pedestal. Our substations are designed for any coastal or inland environment and are constructed of powder-coated stainless steel NEMA 3R housing cabinets. All substation cabinets come with our limited lifetime warranty. All of our substations use Eaton's panels and circuit breakers, providing our customers the utmost in circuit protection and quality.

Application Description

The aluminum and Galvaneal cabinets are recommended for inland applications. The substations can be configured with 50 to 330 kVA single-phase or three-phase copper wound transformers and up to 20 single-phase or 12 three-phase branch breakers. An optional three-sided double-wall cabinet is available that provides air flow between the panels. All substations come standard with temperature-controlled cooling fans.

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Product Selection Guide

Panel and Transformer Combinations

| Panel | Transformer |
|---------------------|-------------|
| Single-Phase | |
| 200 A | 50 kVA |
| 300 A | 75 kVA |
| 400 A | 100 kVA |
| 600 A | 150 kVA |
| 700 A | 167.5 kVA |
| 800 A | 200 kVA |
| 1000 A | 250 kVA |
| 1200 A | 330 kVA |
| Three-Phase | |
| 100 A | 45 kVA |
| 200 A | 75 kVA |
| 300 A | 112.5 kVA |
| 400 A | 150 kVA |
| 600 A | 225 kVA |
| 800 A | 300 kVA |

Features, Benefits and Functions

- Limited lifetime warranty on the housing
- All stainless steel hardware
- Temperature controlled cooling fans in the transformer and circuit breaker compartments
- Lockable door

Ventilation

The substation ventilation is designed to optimize air circulation over and around the transformers and through the panel compartment so that the substation operates at lower temperatures.

Substations come equipped with temperature-controlled cooling fans for exhausting hot air from the cabinet and solar shield.

In addition, substations are available with a double-walled cabinet and solar shield, which allow for cooling of both the exterior surface of the cabinet and the internal components.

Substations

Stainless steel housing with polyester powder coating

Limited lifetime warranty on the housing

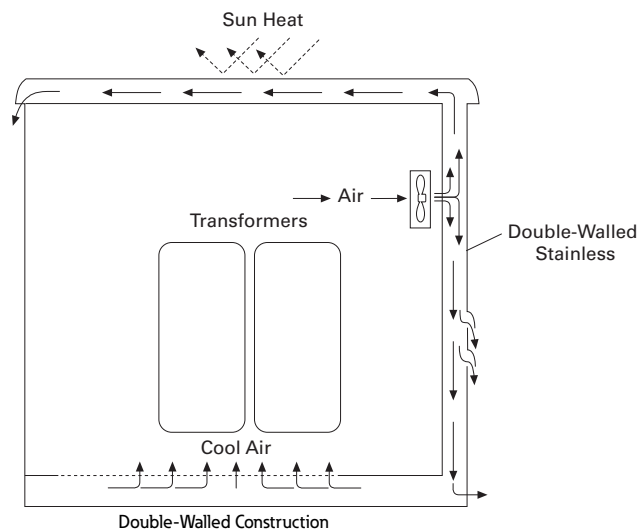
Stainless steel hardware with locking doors

Temperature-controlled fans for cooling



Custom made to your specifications:
Single-phase or three-phase copper wound transformers
50 to 330 kVA

Up to 1200 A main circuit breaker with
20 single-phase or 12 three-phase branch circuit breakers



Available Options

- Powder-coated cabinets made of stainless steel or fiberglass
- Limited lifetime warranty on housing. Transformer and secondary distribution panel in a single enclosure have a one-year limited warranty
- Stainless steel housing and hardware with locking doors
- Single-phase and three-phase models
- Overload capacity meets ANSI L57.96–01.250
- Optional double-walled construction
- Temperature-controlled fans for cooling
- Custom-made copper wound single-phase or three-phase transformers from 50 to 330 kVA
- Up to 1200 A main circuit breaker with 15 single-phase branch circuit breakers or 10 three-phase branch circuit breakers
- Substations can be equipped with photocells to turn on and off lights
- A 20 A GFI can be installed in the cabinet, as well as a ground fault monitoring system

Standards and Certifications

- cULus listed

**Dimensions**

Approximate Dimensions in Inches (mm)

Substations**Standard Substation**

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 51.00 (1295.4) |
| Depth | 33.00 (838.2) |

Side-by-Side Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 66.00 (1676.4) |
| Depth | 30.00 (762.0) |

Double Panel Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 63.00 (1600.2) |
| Depth | 33.00 (838.2) |

Panels



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Distribution Equipment—Panels**Product Description**

We now can offer our customers Eaton's PRL-3A and PRL-4 panels as stand-alone units or in one of our substations. All of our busses are made of copper and are load rated, breakers are bolt-on type. Distribution panels can be single-phase or three-phase based on your system requirements. Distribution panels can also have a main breaker or a main lug. Branch circuit breakers are provided based on customer requirements.

Features

- All internal wiring is fine stranded 2000 V insulated copper
- Copper busbars
- All exterior hardware is stainless steel

Available Options

- NEMA 3R or 4X
- Powder-coated stainless steel
- Main breaker up to 1200 A
- Branch breaker 20 to 1200 A
- Main lug only
- We also offer 480 V models—single-phase and three-phase

Standards and Certifications

- UL listed
- cULus listed

**Single-Phase**

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Three-Phase

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Transformers



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Distribution Equipment—Transformers

Product Description

Because of the high humidity and corrosive conditions of coastal environments, our transformers are wound with Class H heavily insulated copper bar and are double dipped in tough insulating varnish that protects the copper, as well as reduces the hum that is typical in a transformer that is not double dipped. For marine applications, we provide a third overcoat of high temperature epoxy to protect against the severe saltwater environment. We can provide this transformer in single-phase, from 50 to 500 kVA, and three-phase, from 45 to 300 kVA.

Features

- Copper wound transformer coils double dipped in high temperature baking varnish
- Copper terminations
- Marine transformers with epoxy overcoat
- All copper-to-copper connections

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Available Options

- Single-phase: 50–500 kVA
- Three-phase: 45–300 kVA
- Epoxy overcoat for non-marine applications

Standards and Certifications

- cULus listed



Primary Voltages

- 480 wye three-phase
- 480 V three-phase delta three-wire + ground
- 480 V single-phase two-wire + ground

Secondary Voltages

- 127/220 V three-phase wye four-wire
- 120/208 V three-phase wye four-wire
- 120/240 V single-phase three-wire

Marina Power Distribution Transformer kVA Availabilities

- Single-phase: 50, 75, 100, 150, 167.5, 200, 250, 330, 500 kVA
- Three-phase: 45, 75, 112.5, 150, 225, 300 kVA

Marina Power and Lighting Equipment

*High-Quality, Weatherproof Electrical Equipment***Contents****Description****Page**

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Learn
Online**Power Pedestals****Product Overview**

Known as a leader in electrical control, power distribution, and industrial automation products and services, Eaton is a quality driven company that constantly looks for ways to provide enhanced product and service solutions for their customers. Eaton will be able to provide Marina developers a complete electrical solution. For more information on the other products available from Eaton, visit us online at www.eaton.com or www.marinapower.com.

What Eaton has to Offer

- Eaton has more marina power outlets in service than all other suppliers combined
- We offer complementary comprehensive in-house electrical designs for your complete marina development using all high quality Eaton products
- We can provide your marina development with complete remote wireless digital electronic meter reading
- Not only can Eaton provide your marina with the highest quality power pedestals and marine distribution equipment, we can also supply your entire electrical needs for your surrounding development and beyond from safety switches to loadcenters and much more

Product Selection Guide

Power Pedestal Quick Guide

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| | Lighthouse | Lighthouse-SS | Hatteras Light | Newport Harbor Mate | Admiral-SS | Firehouse | Mariner | Lookout | Power Point |
|--------------------------------|------------------|------------------|------------------|---------------------|------------------|------------------|------------------|------------------|------------------|
| Main housing | Engineered resin | Stainless steel | Engineered resin | Engineered resin | Stainless steel | Stainless steel | Engineered resin | Stainless steel | Stainless steel |
| Top | Engineered resin | Engineered resin | Engineered resin | Engineered resin | Stainless steel | Engineered resin | Engineered resin | Stainless steel | Stainless steel |
| Optional stand | — | — | — | Stainless steel | — | — | PVC | — | — |
| External hardware | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Standard lightwattage(s) | 13 W | 13 W | 13 W | 7 W | 13 W | 13 W | 5 W, 7 W & 13 W | — | 13 W |
| LED lighting option | Yes | Yes | Yes | No | Yes | Yes | No | No | Yes |
| Photocell | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes |
| Lockable doors | Yes | Yes | Yes | Yes | Yes | — | — | — | Yes |
| Hose hangers | Yes | Yes | No | No | Yes | No | No | No | No |
| Electric meters | Yes—up to 4 | Yes—up to 4 | Yes—up to 2 | Yes—up to 2 | Yes—up to 4 | No | No | No | Yes—up to 6 |
| Remote meter reading | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Water | Two 3/4" | Two 3/4" | Two 1/2" | Two 3/4" | Two 3/4" | None | None | None | One 3/4" or more |
| Water meters | Yes | Yes | No | Yes | Yes | No | No | No | Yes |
| Telephone | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Cable TV | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Internet | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Fire extinguisher | No | No | No | No | No | Yes—up to 20 lbs | No | No | No |
| Life ring | No | No | No | No | No | Yes—24" | No | No | No |
| Alarm and strobe light | No | No | No | No | No | Yes | No | No | No |
| 20 A 110 V GFI | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| 30 A 125 V twist—lock | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| 50 A 125/250 V twist—lock | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| 100 A 120/240 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 100 A 120/208 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 100 A 277/480 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 100 A 480 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 200 A 480 V pin and sleeve | No | No | No | No | Yes | No | No | No | Yes |
| Hardwire compatible | No | No | No | No | No | No | No | No | Yes |
| TVSS compatible | Yes | Yes | No | No | Yes | No | No | No | Yes |
| Card swipe compatible | Yes | Yes | No | Yes | Yes | No | No | No | Yes |
| Security camera compatible | No | No | No | No | No | No | No | Yes | No |
| Busbar rating | Up to 500 A | Up to 500 A | Up to 140 A | Up to 140 A | Up to 500 A | — | — | — | Up to 800 A |
| Maximum wire size—single feed | 350 kcmil | 350 kcmil | #2/0 | #2/0 | 350 kcmil | — | — | — | (3) 500 kcmil |
| Maximum wire size—loop feed | #4/0 | #4/0 | #1 | #1 | 350 kcmil | — | — | — | (3) 500 kcmil |
| Height | 44" | 40" | 30" | 36" | 48" | 43.5" | 24" to 72" | 72" to 96" | 50" |
| Width | 13.75" | 9.875" | 7.5" | 10.5" | 14" | 9.875" | 7" | 9" | 50" |
| Depth | 13.75" | 9.875" | 7.5" | 14.5" | 14" | 9.875" | 7" | 9" | 36" |
| Warranty | | | | | | | | | |
| Housing | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime |
| Receptacles and breakers | 2 years | 2 years | 2 years | 2 years | 2 years | — | — | — | 2 years |
| Lighting assembly | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | — | 1 year |

Receptacles

| Side One | | Side Two | |
|-----------------|-----------------|-----------------|-----------------|
| None | None | None | None |
| 30 A | None | None | None |
| 30 A | 30 A | None | None |
| 30 A | None | 30 A | None |
| 30 A | 30 A | 30 A | 30 A |
| 30 A | 50 A | None | None |
| 30 A | None | 50 A | None |
| 30 A | 50 A | 30 A | 50 A |
| 50 A | None | None | None |
| 50 A | 50 A | None | None |
| 50 A | None | 50 A | None |
| 50 A | 50 A | 50 A | 50 A |
| 100 A 120/240 V | None | None | None |
| 100 A 120/240 V | None | 50–50 A | None |
| 100 A 120/240 V | None | 100 A 120/240 V | None |
| 100 A 120/240 V | 50–50 A | 100 A 120/240 V | 50–50 A |
| 100 A 120/208 V | None | None | None |
| 100 A 120/208 V | None | 100 A 120/240 V | None |
| 100 A 120/240 V | 100 A 120/240 V | 100 A 120/240 V | 100 A 120/240 V |
| 100 A 120/208 V | 100 A 120/208 V | 100 A 120/208 V | 100 A 120/208 V |
| 100 A 120/240 V | 100 A 120/240 V | 100 A 120/208 V | 100 A 120/208 V |

Receptacle Configuration Availability

| Lighthouse | Lighthouse–SS | Admiral–SS | Hatteras Light | Newport Harbor Mate |
|--|---------------|------------|----------------|---------------------|
| Receptacle Available with GFI Receptacles | | | | |
| Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | No | Yes |
| Yes | Yes | Yes | Yes | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | Yes |
| Yes | Yes | Yes | Yes ① | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | No | Yes |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| No | No | Yes | No | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| No | No | Yes | No | No |
| No | No | Yes | No | No |
| No | No | Yes | No | No |

Note

① Configuration available with no additional GFI receptacles.

Lighthouse



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| Firehouse | V1-T5-73 |
| Smart Start. | V1-T5-79 |
| Mariner. | V1-T5-80 |
| Digital Electronic Kilowatthour Meters. | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor. | V1-T5-82 |
| Distribution Equipment—Mega Yacht Powerpoint. | V1-T5-83 |
| Distribution Equipment—Substations | V1-T5-86 |
| Distribution Equipment—Panels | V1-T5-89 |
| Distribution Equipment—Transformers | V1-T5-90 |

Lighthouse

Product Description

One of our most popular units, the all-purpose Lighthouse® pedestal has a wide range of features. With units in service around the world, this stylish power pedestal is recognized for its practicality and exceptional durability.

Engineered to withstand the most severe weather conditions, Lighthouse power pedestals can be found in marinas from Alaska to the tropics.

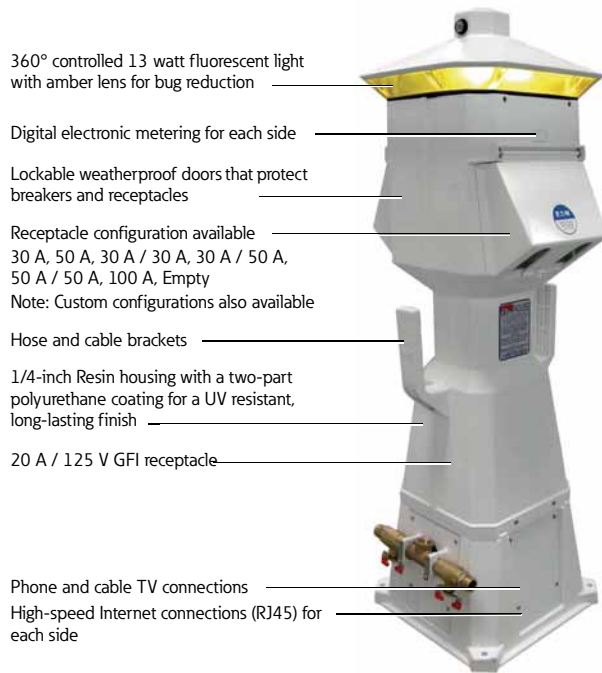
Note: Custom paint color.

Note: Wireless remote reading of electronic kilowatt meters.

Note: Clear lens.

Features, Benefits and Functions

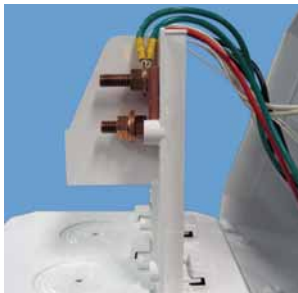
- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- Lockable weatherproof doors that protect breakers and receptacles while in use (a requirement of NFPA 303 and NEC Article 555)
- Hose and cable brackets
- Heavy resin housing with a two-part polyurethane coating for a UV-resistant, long-lasting finish
- Copper busbar with ratings from 250 to 500 A
- New “hingeless” base providing easy access for both installation and maintenance
- Backlit faceplate for easy receptacle plug-in at night

Lighthouse**Available Options**

- Digital electronic metering (one, two or three element meters available)
- Built-in meter socket
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- High-speed Internet connections
- Wireless remote metering for electric and water
- Transient voltage surge suppressor (TVSS) to protect from voltage surges, spikes or lightning on the AC power line (extends warranty on internal parts to three years)
- Stainless steel door hinge on receptacle main doors
- Single or dual steel 1/4-turn ball valves with 3/4-inches
- Hose bibs and stainless steel handles
- Single or dual phone and/or cable TV connections
- Base cap
- Base extension
- LED lighting



Copper Busbar with Ratings from 250 to 500 A



Cable and Internet Connections



New Hingeless Base



Optional Meter Socket

Catalog Number Selection

L D U 4 7 0 0 0 0 0 0 1 2 K M

5

| Type |
|----------------|
| L = Lighthouse |
| S = LHSS |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Metering Type |
|--|
| U = Unmetered |
| D = Digital electronic meters (side one) |
| T = Digital electronic meters (side two) |
| B = Digital electronic meters (both sides) |
| R = Receptacles metered individually |
| M = One meter socket (100 A) |
| N = Two meter socket (100 A each) |
| V = 200 A meter socket |

| Sides and Receptacles | | | | | | | |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|
| R1 S1 | R2 S1 | R3 S1 | R4 S1 | R1 S2 | R2 S2 | R3 S2 | R4 S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None
 1 = 20 A GFI duplex
 2 = 30 A, 125 V
 3 = 50 A, 125 V
 4 = 50 A, 125/250 V
 5 = 100 A, 208 V
 6 = 100 A, 250 V
 7 = 100 A, 277/480 V
 8 = 100 A, 480 V

Water Option ^①

| |
|------------------------|
| 0 = 0 |
| 1 = 1 |
| 2 = 2 |
| 3 = Single water meter |
| 4 = Dual water meter |
| 5 = Single meter, 2 V |
| 6 = 1 frost free |
| 7 = 2 frost free |

Extra Unmetered GFI Receptacles ^②

| |
|----------|
| 0 = None |
| 1 = 1 |
| 2 = 2 |

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|-----------------|
| Phone Jack | Cable TV Jack | Internet Option |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Bus |
|---|
| S = Single-phase 3/8-inch copper busbar |
| F = Three-phase 3/8-inch copper busbar |
| C = Single-phase 3/8-inch Canadian busbar |
| T = Three-phase 3/8-inch Canadian busbar |
| M = Single-phase 300 kcmil mechanical lug bus |
| Z = Three-phase 300 kcmil mechanical lug bus |
| L = Single-phase 350 kcmil mechanical lug bus |
| P = Three-phase 350 kcmil mechanical lug bus |
| N = Single-phase 1/4-inch copper busbar |
| Q = Single-phase 1/4-inch split mechanical busbar |

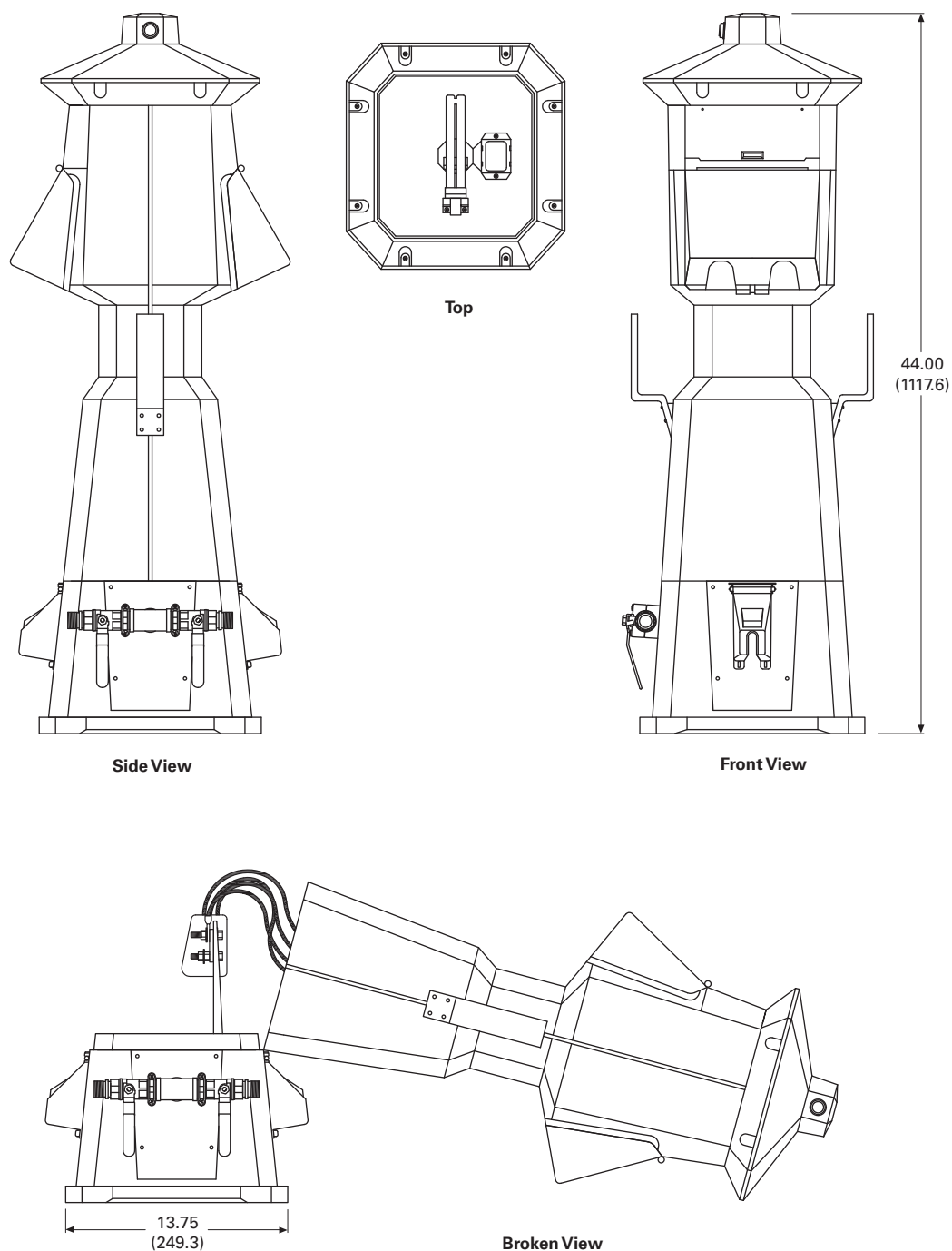
Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2

Notes

- ^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.
^② Quantity of 20 A GFI duplex receptacles.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Lighthouse

Lighthouse—SS**Contents**

| Description | Page |
|---|-----------------|
| Power Pedestals. | V1-T5-51 |
| Lighthouse | V1-T5-54 |
| Lighthouse—SS | |
| Available Options. | V1-T5-59 |
| Catalog Number Selection | V1-T5-60 |
| Accessories. | V1-T5-61 |
| Dimensions | V1-T5-61 |
| Admiral—SS. | V1-T5-62 |
| Newport Harbor Mate | V1-T5-65 |
| Hatteras Light. | V1-T5-69 |
| Firehouse | V1-T5-73 |
| Smart Start. | V1-T5-79 |
| Mariner. | V1-T5-80 |
| Digital Electronic Kilowatthour Meters. | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor. | V1-T5-82 |
| Distribution Equipment—Mega Yacht Powerpoint. | V1-T5-83 |
| Distribution Equipment—Substations | V1-T5-86 |
| Distribution Equipment—Panels | V1-T5-89 |
| Distribution Equipment—Transformers | V1-T5-90 |

Lighthouse—SS**Product Description**

The Lighthouse—SS offers the same standard features and available options as the standard Lighthouse. But, like all of the stainless steel products manufactured here, the Lighthouse—SS is made with high-quality 316L stainless steel for superior quality and performance.

Note: 20/125 A GFI receptacle.

Note: Wireless remote reading of electronic kilowatt meters.

Note: Clear lens.

Note: Meter socket for each side powered (to accept glass style meter).

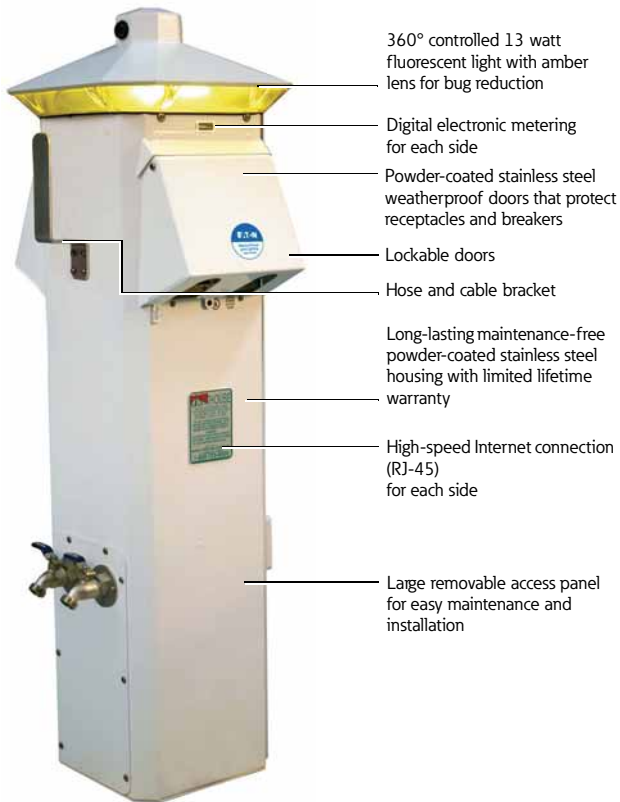
Note: Receptacle configurations available:

30 A
 30 A / 30 A
 30 A / 50 A
 50 A / 50 A
 100 A (single-phase) 120/240 V
 100 A (three-phase) 120/208 V
 200 A (three-phase) 480 V

Features, Benefits and Functions

- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- Available with lockable weatherproof doors
- Hose and cable brackets
- Long-lasting maintenance-free 316L stainless steel housing with limited lifetime warranty
- Copper busbar with ratings from 250 to 500 A
- Large removable access panel for easy maintenance and installation
- Backlit faceplate for easy receptacle plug-in at night

Lighthouse-SS



Available Options

- Digital electronic metering (one, two or three element meters available)
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- High-speed Internet connection
- Wireless remote metering available for water and electricity
- Transient voltage surge suppressor (TVSS) to protect from voltage surges, spikes or lightning on the AC power line (extends warranty on internal parts to three years)
- Single or dual phone and/or cable TV connections
- Single or dual 3/4-inch hose bibs with stainless steel
- Handles LED lighting



Phone and Cable TV Connections



New Door



Copper Busbar with Ratings from 250 to 500 A



Backlit Faceplate to Aid in Hooking Up at Night

Catalog Number Selection

L D U 4 7 0 0 0 0 0 0 1 2 K M

| Type |
|----------------|
| L = Lighthouse |
| S = LHSS |

Lighting and Lens Color

| | |
|---------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

Metering Type

| |
|--|
| U = Unmetered |
| D = Digital electronic meters (side one) |
| T = Digital electronic meters (side two) |
| B = Digital electronic meters (both sides) |
| R = Receptacles metered individually |
| M = One meter socket (100 A) |
| N = Two meter socket (100 A each) |
| V = 200 A meter socket |

Sides and Receptacles

| R1S1 | R2S1 | R3S1 | R4S1 | R1S2 | R2S2 | R3S2 | R4S2 |
|------|------|------|------|------|------|------|------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

| |
|----------------------|
| 0 = None |
| 1 = 20 A GFI duplex |
| 2 = 30 A, 125 V |
| 3 = 50 A, 125 V |
| 4 = 50 A, 125/250 V |
| 5 = 100 A, 208 V |
| 6 = 100 A, 250 V |
| 7 = 100 A, 277/480 V |
| 8 = 100 A, 480 V |

Water Option ^①

| |
|------------------------|
| 0 = 0 |
| 1 = 1 |
| 2 = 2 |
| 3 = Single water meter |
| 4 = Dual water meter |
| 5 = Single meter, 2 V |
| 6 = 1 frost free |
| 7 = 2 frost free |

Extra Unmetered GFI Receptacles ^②

| |
|----------|
| 0 = None |
| 1 = 1 |
| 2 = 2 |

Phone Cable TV and Internet Options

| Phone Jack | Cable TV Jack | Internet Option |
|------------|---------------|-----------------|
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

Bus

| |
|---|
| S = Single-phase 3/8-inch copper busbar |
| F = Three-phase 3/8-inch copper busbar |
| C = Single-phase 3/8-inch Canadian busbar |
| T = Three-phase 3/8-inch Canadian busbar |
| M = Single-phase 300 kcmil mechanical lug bus |
| Z = Three-phase 300 kcmil mechanical lug bus |
| L = Single-phase 350 kcmil mechanical lug bus |
| P = Three-phase 350 kcmil mechanical lug bus |
| N = Single-phase 1/4-inch copper busbar |
| Q = Single-phase 1/4-inch split mechanical busbar |

Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2

Notes

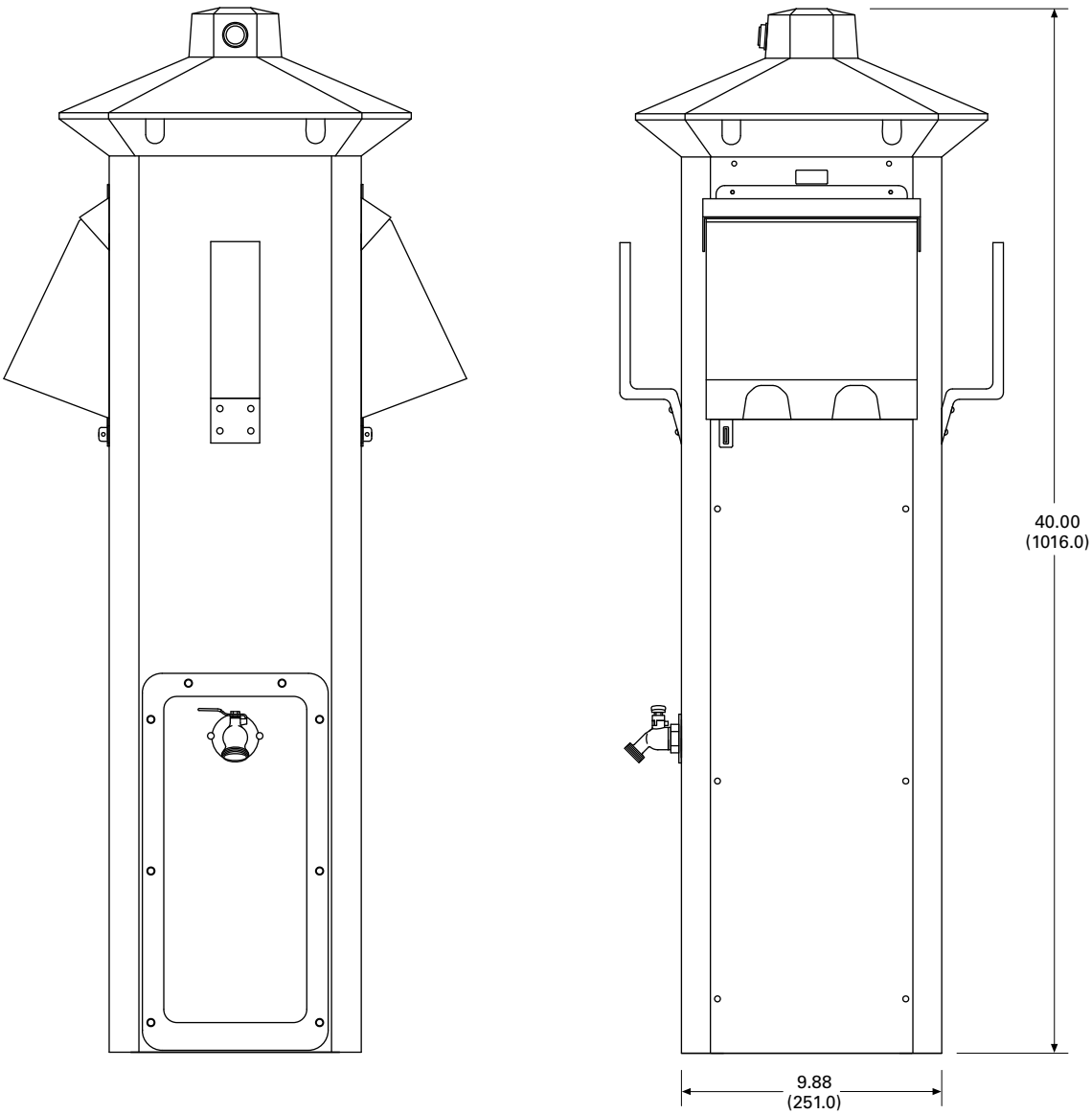
- ^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.
^② Quantity of 20 A GFI duplex receptacles.

Accessories

See **Page V1-T5-75.**

Dimensions

Approximate Dimensions in Inches (mm)

Lighthouse-SS

Admiral-SS



5

Contents

| <i>Description</i> | <i>Page</i> |
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| Lighthouse | V1-T5-54 |
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| Admiral-SS | |
| Catalog Number Selection | V1-T5-63 |
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| Dimensions | V1-T5-64 |
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| Firehouse | V1-T5-73 |
| Smart Start | V1-T5-79 |
| Mariner | V1-T5-80 |
| Digital Electronic Kilowatthour Meters | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-82 |
| Distribution Equipment—Mega Yacht Powerpoint | V1-T5-83 |
| Distribution Equipment—Substations | V1-T5-86 |
| Distribution Equipment—Panels | V1-T5-89 |
| Distribution Equipment—Transformers | V1-T5-90 |

Admiral-SS

Product Description

Truly the flagship of our unitized pedestal line, the Admiral-SS possesses amperage capabilities up to 500 A and voltages of 480/277 three-phase, 120/240 single-phase and combinations of these receptacles all in one unit to serve nearly any size Mega Yacht.

Features

- Heavy 316L stainless steel housing that is powder coated with a polyester resin
- Photocell controlled 13 watt fluorescent light with clear lens that provides 360 degrees of lighting

Available Options

- Dual phone and/or cable TV connections
- Four 100 A receptacles of any two voltage combinations such as 277/480 three-phase, 120/208 three-phase or 120/240 single-phase
- 200 A / 480 V receptacles
- when the 100 A 120/240 V receptacles are used, two 50 A 120/240 V receptacles can also be provided for a total of 500 A
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- Single or dual Cat5 high-speed Internet connections
- Single or dual water 1/4-turn ball valves with 3/4-inch hose bibs and stainless steel handles
- Digital metering available
- Wireless remote metering available for water and electricity
- LED lighting

Catalog Number Selection

A D U 4 7 0 0 0 0 0 1 2 K M

| Type | |
|----------------|--|
| A = Admiral-SS | |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Sides and Receptacles | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|
| R1S1 | R2S1 | R3S1 | R4S1 | R1S2 | R2S2 | R3S2 | R4S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None
 1 = 20 A GFI duplex
 2 = 30 A, 125 V
 3 = 50 A, 125 V
 4 = 50 A, 125/250 V
 5 = 100 A, 208 V
 6 = 100 A, 250 V
 7 = 100 A, 277/480 V
 8 = 100 A, 480 V

| Water Option ^① | |
|---------------------------|----------------------|
| 0 | = 0 |
| 1 | = 1 |
| 2 | = 2 |
| 3 | = Single water meter |
| 4 | = Dual water meter |
| 5 | = Single meter, 2 V |

| Extra Unmetered GFI Receptacles | |
|---------------------------------|--------|
| 0 | = None |
| 1 | = 1 |
| 2 | = 2 |

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|------------------------------|
| Phone Jack | Cable TV Jack | Internet Option ^② |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Bus | |
|-----|---|
| S | = Single-phase 3/8-inch copper busbar |
| F | = Three-phase 3/8-inch copper busbar |
| C | = Single-phase 3/8-inch Canadian busbar |
| T | = Three-phase 3/8-inch Canadian busbar |
| M | = Single-phase 300 kcmil mechanical lug bus |
| Z | = Three-phase 300 kcmil mechanical lug bus |
| L | = Single-phase 350 kcmil mechanical lug bus |
| P | = Three-phase 350 kcmil mechanical lug bus |
| N | = Single-phase 1/4-inch copper busbar |
| Q | = Single-phase 1/4-inch split mechanical busbar |
| D | = Dual-phase busbar |

| Metering Type | |
|---------------|--|
| U | = Unmetered |
| D | = Digital electronic meters (side one) |
| T | = Digital electronic meters (side two) |
| B | = Digital electronic meters (both sides) |
| M | = One meter socket (100 A) |
| N | = Two meter socket (100 A each) |
| V | = 200 A meter socket |

Receptacles: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R3S1 = Receptacle 3, Side 1
 R4S1 = Receptacle 3, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2
 R3S2 = Receptacle 3, Side 2
 R4S2 = Receptacle 3, Side 2

Notes

^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.

^② Number represents the quantity of RJ-45 high-speed Internet jacks.

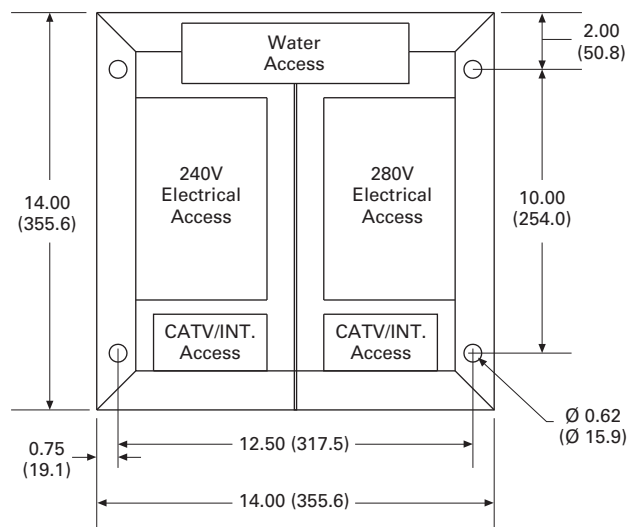
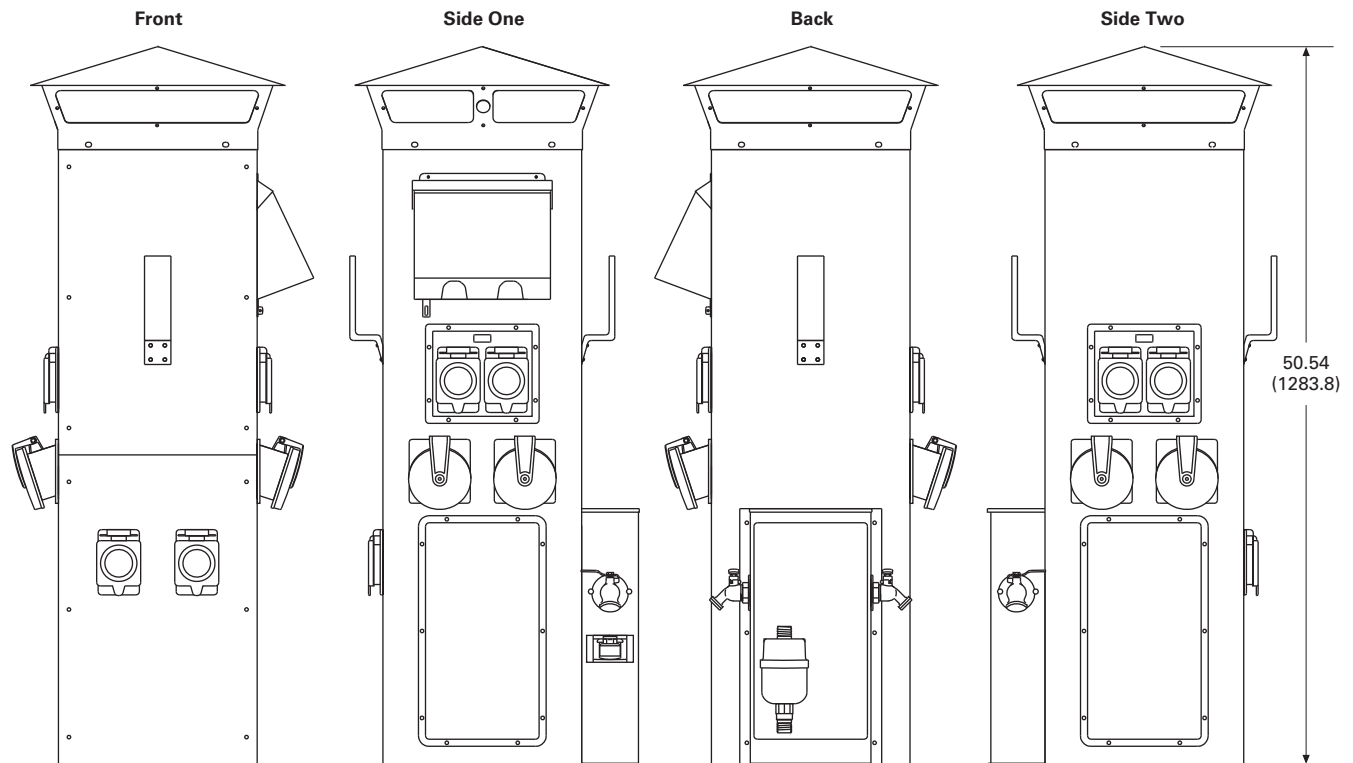
Internet option also available. Contact factory for details.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Admiral-SS

5

**Base Footprint**

Newport Harbor Mate**Newport Harbor Mate****Product Description**

Five years of development and 30 prototype models have yielded this unit the most innovative mini-power center available. Host to a variety of electrical services, contained in a compact yet strong housing, the Newport Harbor Mate is packed with features.

Features, Benefits and Functions

- Tough and durable resin housing with UV inhibitor for lasting finish
- Photocell controlled 7 and 9 watt fluorescent light (clear lens or amber lens for bug reduction)
- Designed to mount on a dock box, piling or stainless steel stand
- Copper busbar with a maximum rating of 140 A

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| Newport Harbor Mate | |
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| Catalog Number Selection | V1-T5-67 |
| Accessories | V1-T5-68 |
| Dimensions | V1-T5-68 |
| Hatteras Light | V1-T5-69 |
| Firehouse | V1-T5-73 |
| Smart Start | V1-T5-79 |
| Mariner | V1-T5-80 |
| Digital Electronic Kilowatthour Meters | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-82 |
| Distribution Equipment—Mega Yacht Powerpoint | V1-T5-83 |
| Distribution Equipment—Substations. | V1-T5-86 |
| Distribution Equipment—Panels. | V1-T5-89 |
| Distribution Equipment—Transformers. | V1-T5-90 |

Newport Harbor Mate (Shown with Optional Stand)

Tough and durable resin housing with UV inhibitor for lasting finish

Available with single, dual or combo of 30 or 50 A receptacles

20 A / 125 V GFI receptacle

Phone, cable TV, high-speed Internet connections

Digital electronic meter

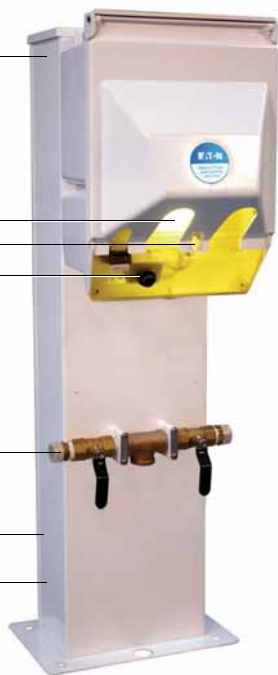
Lockable weatherproof door that protects receptacles and breakers

Photocell controlled 7 watt fluorescent light with amber lens for bug reduction

Single or dual 1/2-turn brass ball valve with 3/4-inch hose bibs

Stainless steel stand

Designed to mount on a dock box, piling, wall or optional stand (shown in photo)

**Available Options**

- Available with single, dual or combination of 30 A or 50 A receptacles
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- Single or dual phone, cable TV, high-speed Internet connections
- Electronic metering (one or two element meters available)
- 316L stainless steel stand
- LED lighting

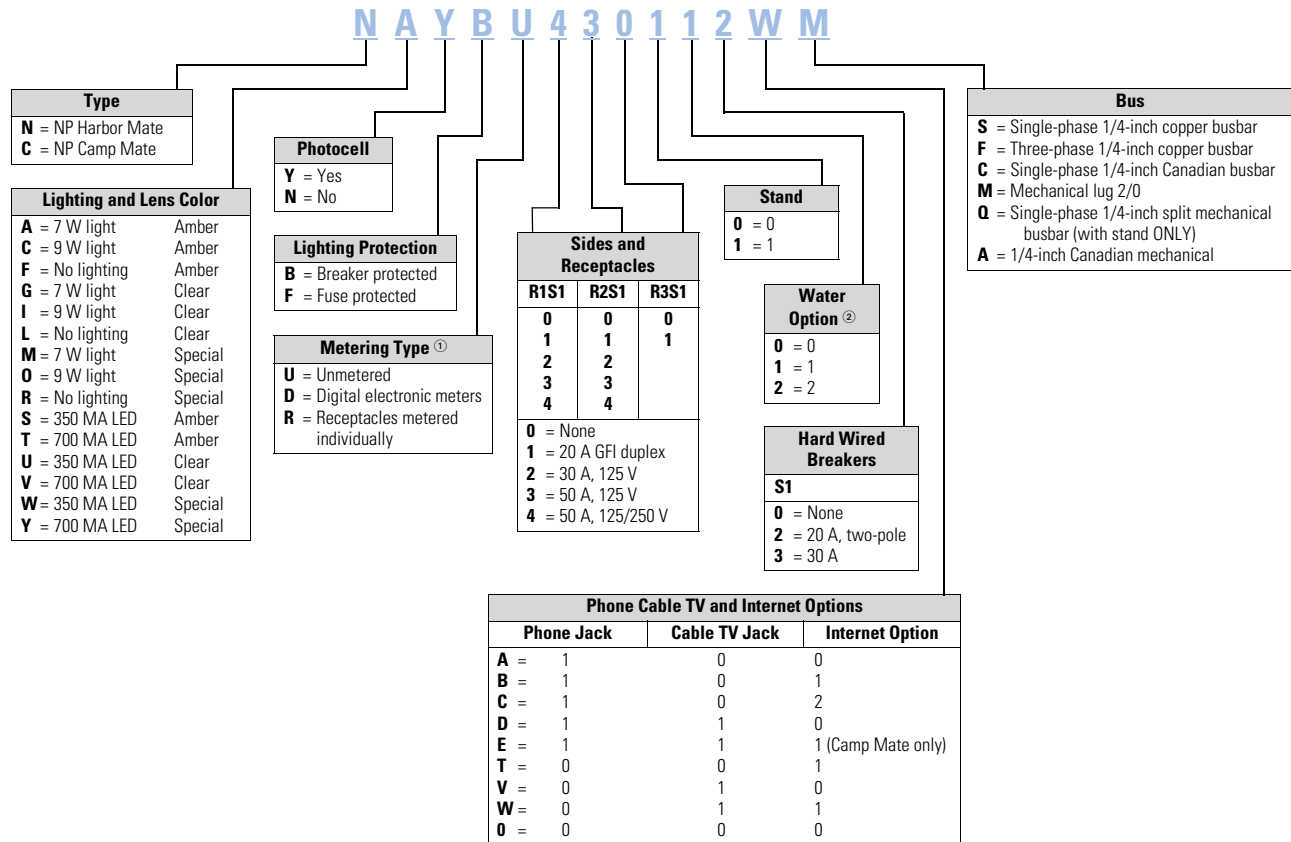


Mounting Option



Backlit Faceplate

Catalog Number Selection



Receptacles: R1 = Receptacle 1
R2 = Receptacle 2

Notes

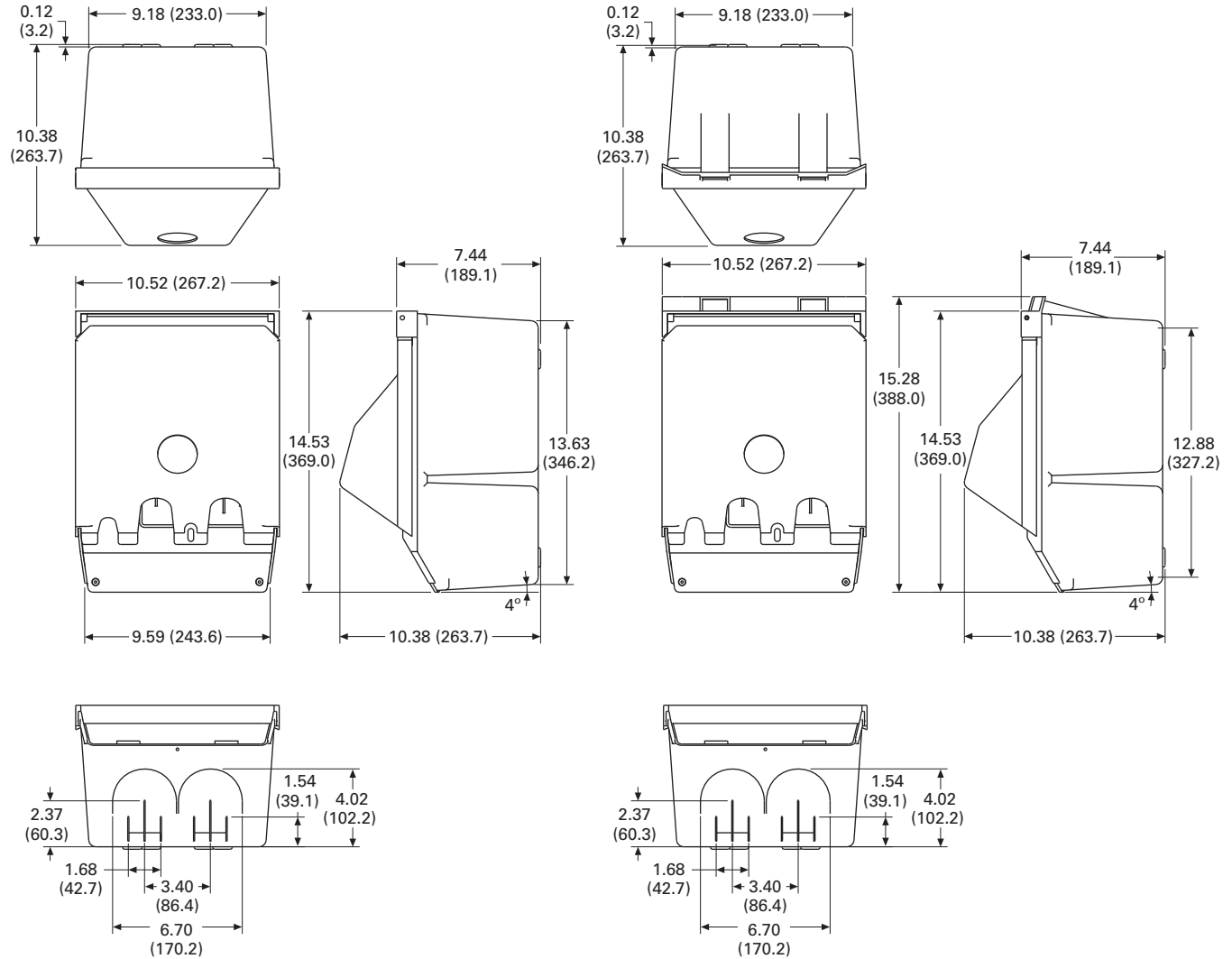
- ^① 20 A GFIs not metered.
^② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs (with stand only).

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Newport Harbor Mate

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**Newport Redesign****Newport Redesign With Meters**

Hatteras Light**Contents****Description****Page**

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| Distribution Equipment—Panels. | V1-T5-89 |
| Distribution Equipment—Transformers. | V1-T5-90 |

Hatteras Light**Product Description**

The Hatteras® Light is an elegant and low cost alternative to the Lighthouse. It uses the same 360 degree light assembly as the Lighthouse, yet is only 30 inches tall. Thousands of these attractive pedestals are found not only in marinas, but also around pools, deck areas, boardwalks and landscape areas. The housing will never rust or corrode and comes with a limited lifetime warranty. This unit is popular for smaller slips at marinas with the Lighthouse and for private docks.

Note: Wireless remote reading of electronic kilowatt meters.

Note: Clear lens.

Note: Custom paint color.

Features, Benefits and Functions

- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- Circuit breakers
- Heavy resin housing with a two-part polyurethane coating for a UV resistant, long-lasting finish
- Copper busbar with a maximum rating of 140 A

Hatteras Light

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Available Options

- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- Digital electronic metering (one or two element meter available)
- Single or dual phone, cable TV, high-speed Internet connections
- Single or dual 1/2-inch or 3/4-inch silcock with stainless steel handles
- LED lighting



Copper Busbar with Ratings up to 140 A

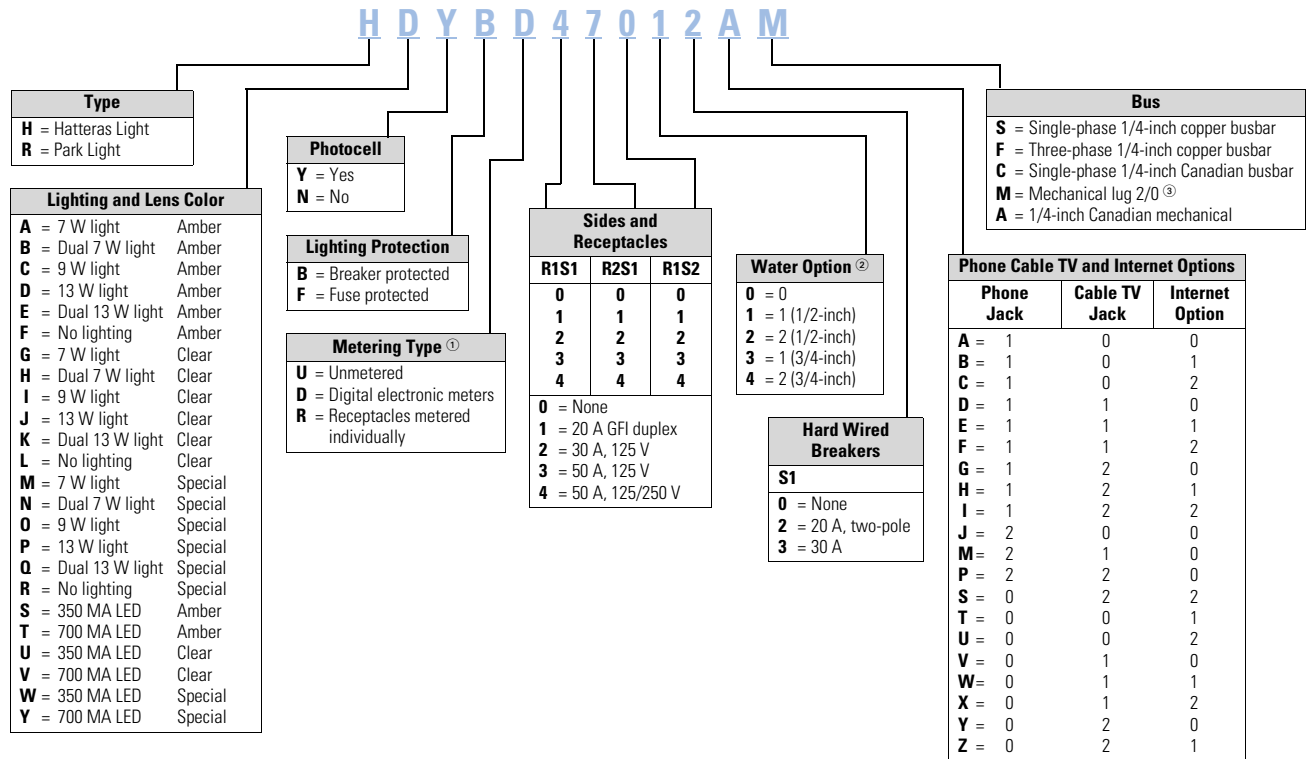


20 A / 125 V GFI Receptacle



Faceplate

Catalog Number Selection



Receptacles: R1 = Receptacle 1
 R2 = Receptacle 2

Notes

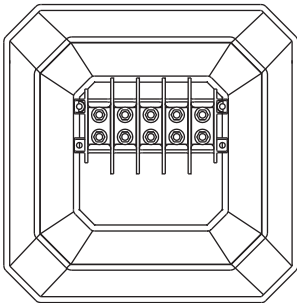
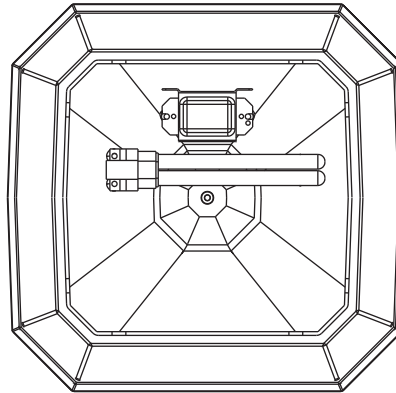
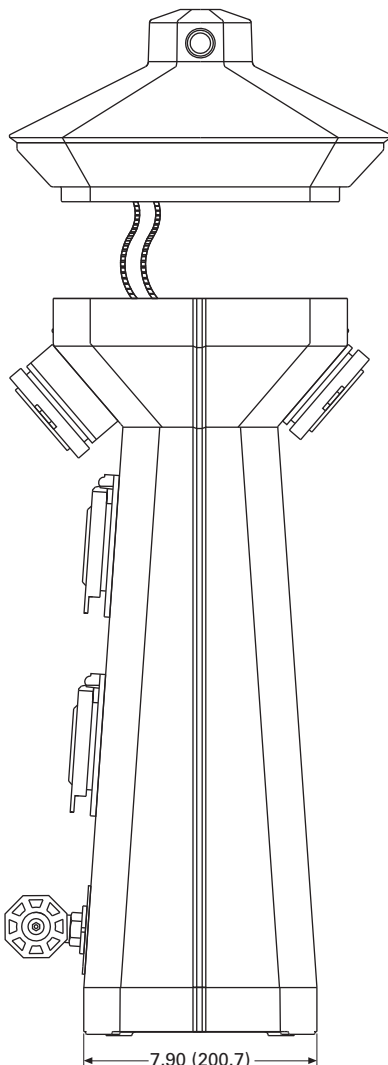
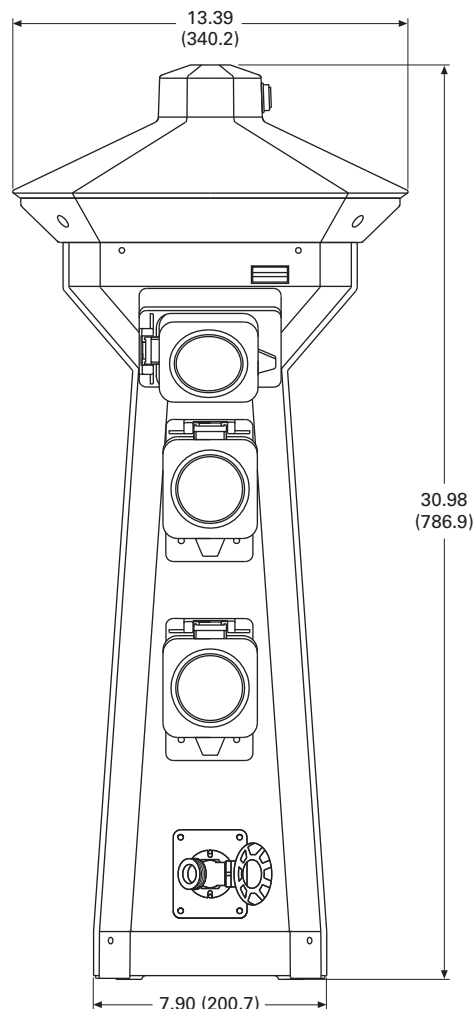
- ① 20 A GFIs not metered.
 ② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.
 ③ Wire size #2/0 kcmil or less.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Hatteras

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**Busbar Access Top Removed****Inside Top****Side View****Front View**

Firehouse**Contents****Description**

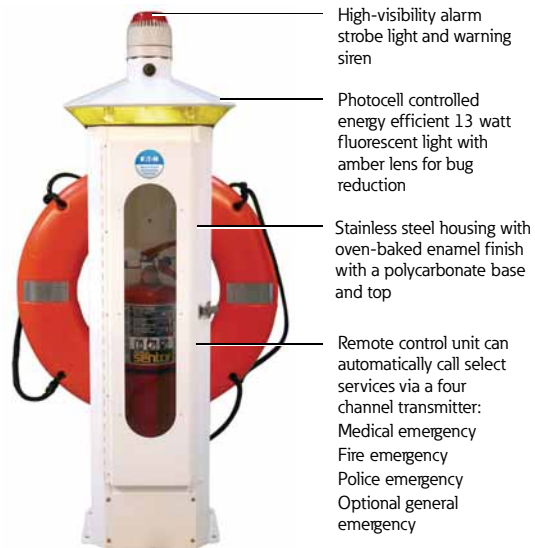
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Firehouse**Product Description**

Created as a complete solution for fire and rescue needs, this pedestal features fire extinguisher storage and a mounted alarm strobe light and siren, as well as an optional life ring. This unit is well equipped for any marina emergency. The alarm strobe light and siren can be automatically activated when the door is open or optional life ring is removed.

Features, Benefits and Functions

- Alarm strobe light and siren: automatically activated when door is open or optional life ring is removed
- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- 10 lb ABC Type fire extinguisher
- 316L stainless steel polyester powder-coated housing
- Polycarbonate top assembly

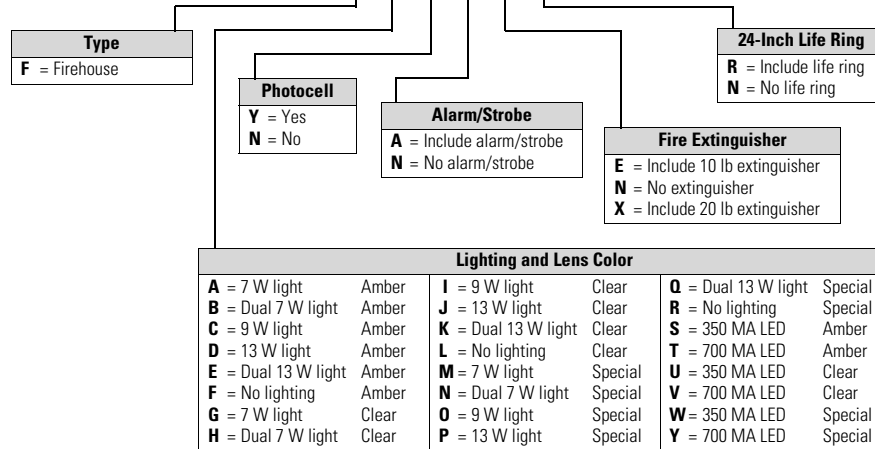
Firehouse

Available Options

- 24-inch life ring
- 20 lb ABC Type fire extinguisher available

Catalog Number Selection

F A Y A E N



Accessories

Accessories for Custom Design Marina Products, Resin and Stainless Steel Pedestals and Power Products**Replacement Parts Catalog Numbers**

| Description | Catalog Number |
|---|----------------|
| Receptacles | |
| 20 A GFCI duplex | MPL3038 |
| 30 A 125 V twistlock | MPL3039 |
| 50 A 125 V twistlock | MPL3040 |
| 50 A 125/250 V twistlock | MPL3045 |
| 100 A 120/240 V pin and sleeve | MPL4100R12W |
| 100 A 120/208 V pin and sleeve | MPL5100R9W |
| 100 A 480 V four-wire pin and sleeve | MPL4100R7W |
| 100 A 480 V five-wire pin and sleeve | MPL5100R7W |
| 200 A 277/480 V pin and sleeve (Russellstoll®) | MPL4200R7W |
| 30 A 125 V RV | RV3042 |
| 50 A 125/250 V RV | RV3043 |
| Circuit Breakers | |
| 20 A 125 V single-pole | QCF1020 |
| 20 A 125 V single-pole GFCI | QCGF1020 |
| 30 A 125 V single-pole | QCF1030 |
| 30 A 125 V single-pole GFCI | QCGF1030 |
| 50 A 125 V single-pole | QCF1050 |
| 20 A 125/250 V two-pole | QCF2020 |
| 20 A 125/250 V two-pole GFCI | QCGF2020 |
| 30 A 125/250 V two-pole | QCF2030 |
| 30 A 125/250 V two-pole GFCI | QCGF2030 |
| 50 A 125/250 V two-pole | QCF2050 |
| 50 A 125/250 V two-pole GFCI | QCGF2050 |
| 60 A 125/250 V two-pole | QCF2060 |
| 100 A 125/250 V two-pole | GHC2100D |
| 100 A 120/208 V three-pole | GHC3100D |
| 200 A 277/480 V three-pole | JT2200FA |
| Fluorescent Light Assembly | |
| 13 watt 120 V 60 Hz ballast | MPL2400 |
| 7 watt 120 V 60 Hz ballast | MPL2401 |
| 13 watt socket | MPL3079 |
| 7 watt socket | MPL3077 |
| 13 watt fluorescent bulb | MPL3018 |
| 7 watt fluorescent bulb | MPL3019 |
| Photocell | MPL3044 |
| Photocell nuts | MPL3034 |
| Lighthouse in-line fuse | MPL3026 |
| Lighthouse in-line fuse holder | MPL3027 |
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS, Hatteras, Park Light | |
| Top with complete light and lens assembly | MPL6003A |
| Top with complete light and lens assembly—fused | MPL6003FA |
| Top only | MPL6003 |
| Amber lens | MPL6005 |
| Clear lens | MPL6008 |

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|--|----------------|
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS, Hatteras, Park Light, continued | |
| 20 A GFCI receptacle external cover set | MPL1101 |
| 30 A receptacle external cover set | MPL1102 |
| 50 A receptacle external cover set | MPL1105 |
| Single-pole external breaker cover set | MPL11061 |
| Two-pole external breaker cover set | MPL11062 |
| Three-pole external breaker cover set | MPL11063 |
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS | |
| Lighthouse/Powerhouse pedestal main housing | MPL6006 |
| Lighthouse-SS/Powerhouse-SS pedestal main housing | MPL6006S |
| Lighthouse/Powerhouse main door | MPL6007 |
| Lighthouse-SS/Powerhouse-SS main door | MPL6007S |
| Lighthouse/Powerhouse spring closure | MPL1099 |
| Lighthouse/Powerhouse top isolation plate | MPL6012 |
| Lighthouse/Lighthouse-SS breaker plate | MPL1141 |
| Powerhouse/Powerhouse-SS breaker plate | RV1112 |
| Lighthouse/Lighthouse-SS/Powerhouse/Powerhouse-SS Hose and cable brackets | MPL1087 |
| Lighthouse/Powerhouse stainless steel hinge | MPL1088 |
| Lighthouse/Powerhouse complete pedestal base with busbar assembly | MPL6004A |
| Lighthouse/Powerhouse complete pedestal base with three-phase busbar assembly | MPL6004FA |
| Lighthouse/Powerhouse pedestal base without busbars | MPL6004 |
| Lighthouse/Powerhouse aluminum blank access panel | MPL5500 |
| Lighthouse/Lighthouse-SS/Powerhouse/Powerhouse-SS complete busbar assembly | MPL1140A |
| Lighthouse/Lighthouse-SS/Powerhouse/Powerhouse-SS complete three-phase busbar assembly | MPL1140FA |
| Copper busbar with nuts and washers | MPL3471 |
| 20 A GFCI—00 amber resin faceplate | MPL1120 |
| 30 A—20 GFCI amber resin faceplate | MPL1121 |
| 30—50 A amber resin faceplate | MPL1122 |
| 30—30 A amber resin faceplate | MPL1127 |
| 30—00 A amber resin faceplate | MPL1129 |
| 50—50 A amber resin faceplate | MPL1123 |
| 50 A—20 GFCI amber resin faceplate | MPL1124 |
| 20 GFCI—20 GFCI amber resin faceplate | MPL1125 |
| 00—00 amber resin faceplate | MPL1126 |
| 50 A—00 amber resin faceplate | MPL1128 |
| 100 A faceplate | MPL1142 |
| 20 A GFCI—00 amber resin faceplate assembly with breakers | MPL1120A |
| 30 A—20 GFCI amber resin faceplate assembly with breakers | MPL1121A |
| 30—50 A amber resin faceplate assembly with breakers | MPL1122A |

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|---|-----------------------|
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS, continued | |
| 30–30 A amber resin faceplate assembly with breakers | MPL1127A |
| 50–50 A amber resin faceplate assembly with breakers | MPL1123A |
| 50 A—20 GFCI amber resin faceplate assembly with breakers | MPL1124A |
| 20 GFCI—20 GFCI amber resin faceplate assembly with breakers | MPL1125A |
| 50 A—00 amber resin faceplate assembly with breakers | MPL1128A |
| 30–00 A faceplate assembly with breakers | MPL1129A |
| 100 A faceplate assembly with breakers | MPL1142A |
| Powerhouse 30–50 receptacle plate | RV1143 |
| Powerhouse (30 A—00) receptacle plate | RV11433 |
| Powerhouse (50 A—00) receptacle plate | RV11435 |
| Powerhouse breaker plate | RV1112 |
| Phone, Cable, Internet Assemblies | |
| Lighthouse/Powerhouse complete phone and cable assembly | MPL1114/RV1114 |
| Lighthouse-SS/Powerhouse-SS/Hatteras Light/Park Light complete phone and cable assembly | MPL1119/RV1119 |
| Hatteras Light/Park Light complete phone and cable assembly | MPL1119 |
| Newport Harbor Mate/Camp Mate phone and cable insert assembly | MPL1115/RV1115 |
| Lighthouse/Powerhouse access plates with dual Internet jacks | MPL5501 |
| Coax cable TV FCF female adpt. with lugnut and washer | MPL1086 |
| RJ45 CAT5e high-speed internet jack | MPL3059 |
| Marine phone receptacle | MPL3037 |
| RJ12 CAT3 phone jack | RV3060 |
| Water Assemblies | |
| Lighthouse/Powerhouse complete water manifold assembly (dual 3/4-inch hose bibs with 1/4-turn ball valves) | MPL11A |
| Newport Harbor Mate/Newport Camp Mate water manifold assembly (dual 3/4-inch hose bibs with 1/4-turn ball valves) | MPL11C |
| 3/4-inch hose adapter | MPL7030 |
| Lighthouse/Powerhouse water mounting plate with mounting brackets | MPL1132 |
| Hatteras Light/Park Light aluminum water mounting plate | MPL6584 |
| 1/2-inch brass silcock (hose bib) | MPL7014 |
| 3/4-inch stainless steel silcock (hose bib) | MPL5271 |
| 3/4-inch brass ball valve | MPL7021 |
| Watts 3/4-inch backflow preventer | MPL7015 |

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|---|------------------------------|
| Digital Electronic Meters | |
| Single element, 14-pin quick disconnect (no CTs) | MPL17A1 |
| Single element, 14-pin quick disconnect (with CTs) | MPL17A2 ^① |
| Single element, 14-pin quick disconnect (with CTs) | MPL17A2 ^② |
| Dual element, 14-pin quick disconnect (no CTs) | MPL17B1 |
| Dual element, 14-pin quick disconnect (with CTs) | MPL17B2 ^① |
| Dual element, 14-pin quick disconnect (with CTs) | MPL17B2 ^② |
| Three element, 14-pin quick disconnect (no CTs) | MPL17C1 |
| Three element, 14-pin quick disconnect (with CTs) | MPL17C2 ^① |
| Three element, 14-pin quick disconnect (with CTs) | MPL17C2 ^② |
| Single element coil transformers (CTs) | MPL30321 ^① |
| Single element coil transformers (CTs) | MPL30321 ^② |
| Dual element coil transformers (CTs) | MPL30322 ^① |
| Dual element coil transformers (CTs) | MPL30322 ^② |
| Three element coil transformers (CTs) | MPL30323 ^① |
| Three element coil transformers (CTs) | MPL30323 ^② |
| Counter (large—old style) | MPL3022 |
| Counter (small—new style) | MPL3021 |
| Hatteras Light (Marina) and Park Light (RV) ^③ | |
| Pedestal main housing | MPL6002 |
| Copper busbar with nuts and washers | MPL3468 |
| Complete busbar assembly | MPL1108A |
| Complete three-phase busbar assembly | MPL1108FA |
| 20 A GFCI external cover door | MPL1101 |
| 30 A external cover door | MPL1102 |
| 50 A external cover door | MPL1105 |
| Light fuse | MPL3026 |
| Fuse holder | MPL3027 |
| Mounting feet (set of four) | MPL7004 |

Notes

- ① Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS.
 ② Hatteras Light, Park Light, Newport Camp Mate, Newport Harbor Mate.
 ③ Please contact factory to determine configurations for replacement housing.

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|--|------------------|
| Newport Harbor Mate (Marina) and Camp Mate (RV) | |
| Amber lens—three-piece | MPL1117 |
| Clear lens—three-piece | MPL1109 |
| Main housing | MPL6000 |
| Main door | MPL6001 |
| 30–30 A faceplate ① | MPL1135 |
| 30–50 A faceplate ① | MPL1136 |
| 50–50 A faceplate ① | MPL1137 |
| 50 A–00 faceplate ① | MPL1138 |
| 30 A–00 faceplate ① | MPL1139 |
| 30–30 A faceplate assembly with breakers ① | MPL1135A |
| 30–30–20 GFI faceplate assembly ① | MPL1135G/RV1135G |
| 30–50 A faceplate assembly with breakers ① | MPL1136A |
| 30–50–20 GFI faceplate assembly ① | MPL1136G/RV1136G |
| 50–50 A faceplate assembly with breakers ① | MPL1137A |
| 50–50–20 GFI faceplate assembly ① | MPL1137G/RV1137G |
| 50 A–00 faceplate assembly with breakers ① | MPL1138A |
| 50–20 GFI faceplate assembly ① | MPL1138G/RV1138G |
| 30 A–00 faceplate assembly with breakers ① | MPL1139A |
| 30–20 GFI faceplate assembly ① | MPL1139G/RV1139G |
| Mounting brackets | MPL7005 |
| 36-inch stainless steel stand | MPL5506 |
| Copper busbar with nuts and washers | MPL3468 |
| Complete busbar assembly | MPL1108A |
| Complete three-phase busbar assembly | MPL1108FA |
| Firehouse (Marina and RV) | |
| Red strobe light/siren | MPL3020 |
| Firehouse top with lighting assembly and strobe | MPLFH6003A |
| Light fuse | MPL3029 |
| Fuse holder | MPL3028 |
| Door | MPL6013 |
| 24-inch life ring | MPL4201 |
| Life ring bracket | MPL4201B |
| Blank access panel | MPL6015 |
| Door/life ring switch (pre-2004) | MPL3030 |
| Door/life ring switch (new) | MPL3050 |
| Door hasp | MPL3950 |
| Busbar (double barrel terminal block) | MPL3751 |
| 10-lb ABC Type fire extinguisher | MPL8025 |
| 20-lb ABC Type fire extinguisher | MPL8025X |

Note

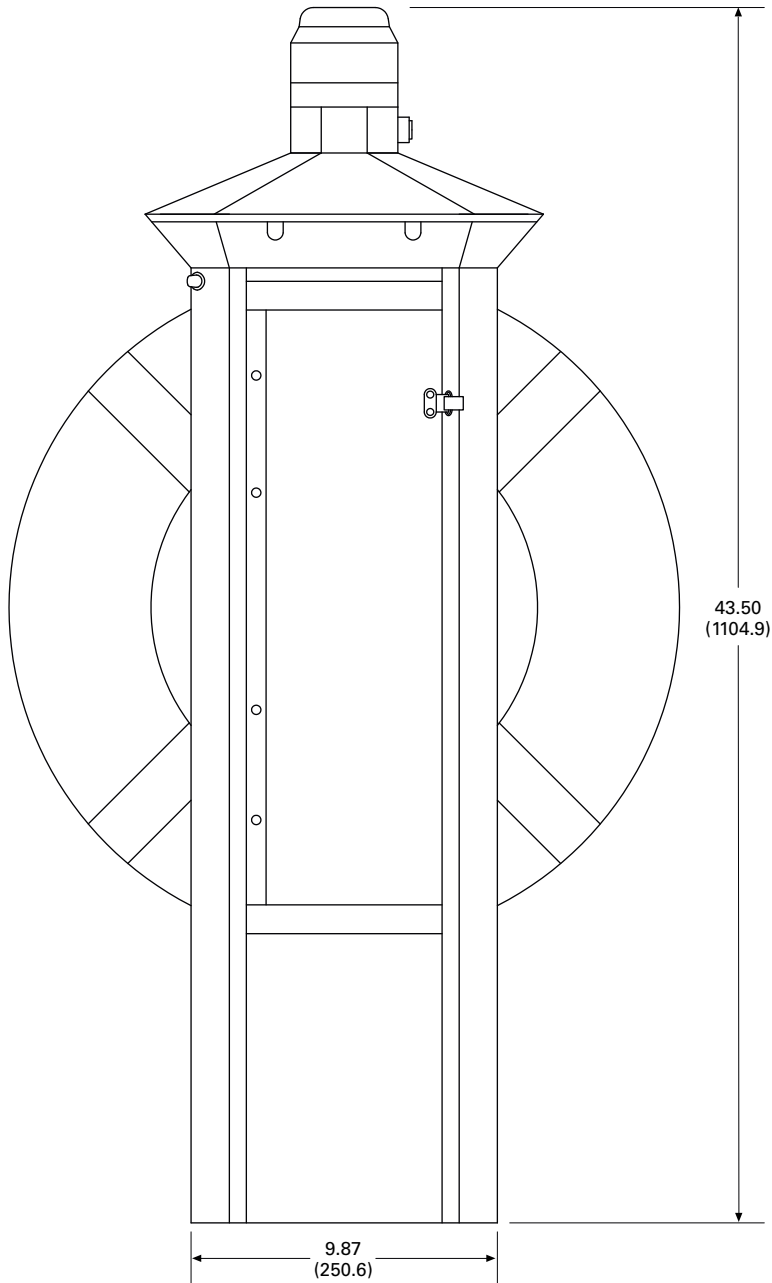
① For custom faceplates to include phone/cable or other accessories, please contact Eaton's Marina Power & Lighting facility at 1-800-723-8009.

Dimensions

Approximate Dimensions in Inches (mm)

Firehouse-SS

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Smart Start**Contents**

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Smart Start**Product Description**

If you have transient boat slips, Eaton Marina Power and Lighting has developed their newest product for your situation.

The new “Smart Start” pedestal is activated by the swipe of a credit card. A kiosk will be centrally located at the marina and will control up to 32 power pedestals. When a boater wants to use a slip, they will enter the slip number and amount of time they would like and will then be asked to swipe a card in order to activate the pedestal. Once the chosen time is up, the pedestal will shut down. No more free power!

The “Smart Start” pedestal will not only prevent transient boaters from stealing power, but it will also eliminate the need for 24-hour monitoring of the slips. Boaters will be able to come in at any time of the day and activate a pedestal.

Features

- Lighted 316L stainless steel kiosk enclosure
- Programmable slip time blocks
- Programmable slip rates printable receipts

Standards and Certifications

- UL listing pending

**Dimensions**

Approximate Dimensions in Inches (mm)

Smart Start

| | |
|--------|----------------|
| Height | 60.05 (1525.3) |
| Width | 14.15 (359.4) |
| Depth | 14.24 (361.9) |

Marina Power and Lighting Equipment

**Mariner**

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Mariner**Product Description**

The Mariner is a lighting bollard that can stand from 1.5 to 4 feet tall and can be used in various applications from marina docks, to landscaped areas, golf courses and beyond. The Mariner will have a lifetime warranty on the engineered resin housing that will withstand the harsh marine and land environments from Alaska to the tropics.

Features

- Can be configured with a 7 watt, 9 watt or 13 watt fluorescent bulb
- Mounting base and painted pole supplied for desired height
- Limited lifetime warranty on engineered resin housing
- Custom colors available
- Side-mounted option

Dimensions

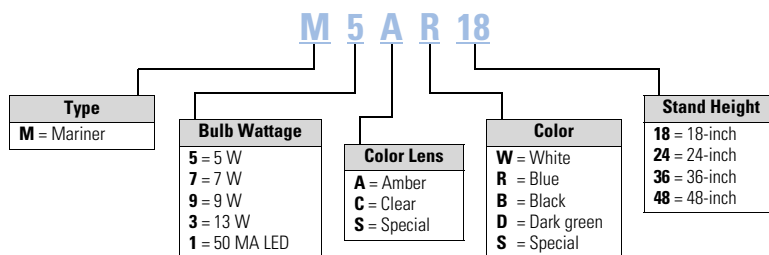
Approximate Dimensions in Inches (mm)

Mariner

| | |
|----------------|---------------|
| 7 watt | 14.15 (359.4) |
| 9 watt/13 watt | 14.24 (361.9) |

Mounting Base and Pole

1.5 feet–4 feet

Catalog Number Selection

Digital Electronic Kilowatt Hour Meters**Contents**

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Digital Electronic Kilowatthour Meters**Product Description**

Using the latest surface mount technology, Eaton manufactures a digital electronic kilowatthour meter that exceeds the $\pm 2\%$ accuracy required by ANSI (American National Standards Institute) C-12.1 and is approved by the state of California at $\pm 1\%$ over the full range of 0–100 A from a 0.5–1 power factor and is available for both single- and three-phase applications.

The meter drives an electro-mechanical counter that requires a 12 V pulse each tenth of a kilowatthour, providing 10 pulses per kilowatt used. The meter output can be hard wired or connected to a transmitter in the pedestal for wireless transmission to a receiver displaying the output on a PC for direct billing of up to 1,000 individual customers.

Features

Our meter is designed to be user friendly in that all connections from external sources and the meter output are through one 14-pin locking connector. This feature eliminates many common problems, such as reverse line polarity and improper coil polarity. Simple LEDs, both red and green, indicate line and load condition and the pulsed LED indicates the rate of power consumption.

Wireless System

All of our meters are “wireless capable” to allow for wireless meter reading. This technology enables the marina or RV park to get meter readings from one central location rather than visiting every site to read the counters.

Meter Socket Capabilities

Meter sockets are available on the Lighthouse and Lighthouse-SS.

Standard

- Four jaw
- Ring-type
- 100 A

Available Options

- 200 A (SS only)
- Lockable hasp
- Ringless (SS only)
- Five jaw
- Seven jaw (SS only)

Product Selection**One Element Meter****Two Element Meter****Three Element Meter**

Ground Fault Monitor

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| Admiral-SS | V1-T5-62 |
| Newport Harbor Mate | V1-T5-65 |
| Hatteras Light | V1-T5-69 |
| Firehouse | V1-T5-73 |
| Smart Start | V1-T5-79 |
| Mariner | V1-T5-80 |
| Digital Electronic Kilowatt-hour Meters | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-83 |
| Distribution Equipment—Mega Yacht Powerpoint | V1-T5-86 |
| Distribution Equipment—Substations | V1-T5-89 |
| Distribution Equipment—Panels | V1-T5-89 |
| Distribution Equipment—Transformers | V1-T5-90 |

Distribution Equipment—Ground Fault Monitor**Product Description**

Our ground fault monitoring systems are designed to detect fault currents in the AC shore power system that are too low to trip a circuit breaker. The ground fault monitor helps reduce the risk of injury or property damage that may result from stray fault currents. Our ground fault monitoring system provides information to the maintenance staff on the overall condition of the AC electrical system. The ground fault monitoring system operates 24 hours a day and can be monitored by non-technical personnel.

Features

- Adjustable trip level 10 mA to 10 A
- Current transformers up to 8 1/4-inch diameter
- Visual and/or audible alarm
- Housing of fiberglass or powder-coated stainless steel available

Power Guard

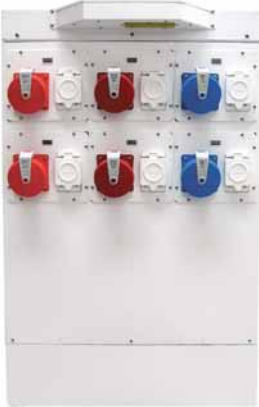
The ground fault monitor detects ground fault currents by means of current transformers (CT), which are placed around main or branch circuits. If a ground fault occurs, the CT will detect the amount of fault current and send a signal to the ground fault monitoring device where the amount of fault current is displayed with the faulty circuit identified. The detected fault can either activate an indicator alarm or disconnect the faulted circuit.

Standards and Certifications

- UL listed current transformers



Marina Power and Lighting Equipment



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Distribution Equipment—Mega Yacht Powerpoint

Product Description

From the company that is known for its high-quality innovations, Eaton is the only company to offer a self-contained dual-phase mega yacht unit. Made out of long-lasting stainless steel, this mega yacht unit has a copper-wound, low-noise transformer that is double insulated and epoxy overcoated. The mega yacht unit delivers both single-phase and three-phase power to serve most mega yachts. Helping to keep your marina environment tranquil, the mega yacht unit has a low-noise, highly efficient transformer that has isolation mounts to ensure a very quiet operation.

Features

- Thermostatically controlled fans in transformer compartment for cooling
- Heavy stainless steel (316L) cabinet with a polyester powder coating
- Ventilated sun shields to help unit run cooler in tropical climates
- Limited lifetime warranty on housing
- Two or three light 13 watt photocell controlled fluorescent lights on the sun shield for optimal night lighting

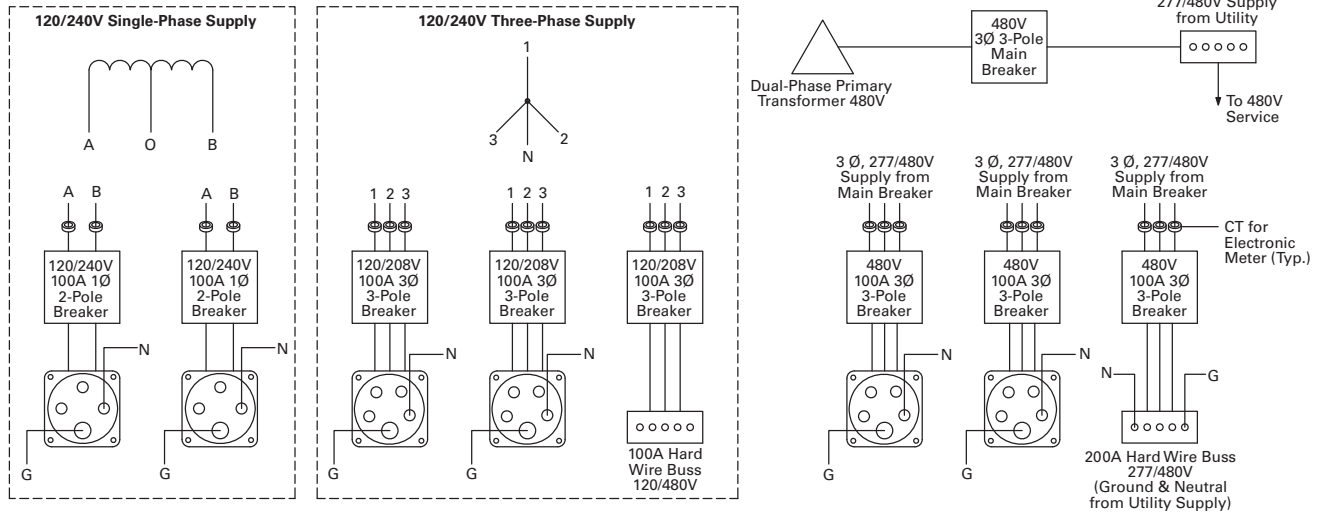
Available Options

- 200 A–480 V three-phase receptacles
- 100% rated breakers
- Hard wiring busbars for all voltages with breaker protection
- Two 3/4 inch water outlets with a water meter
- Two phone, two CATV and two CAT5 high-speed Internet connections
- Digital electronic meters on all receptacles
- Primary breaker
- Two 480 V delta or wye 125 A three-phase receptacles (IEC)
- Two 120/208 V 100 A three-phase receptacles (IEC)
- Two 120/240 V 100 A single-phase receptacles (IEC)
- Up to four 50 A 120/240 V locking receptacles (NEMA)
- Up to four 30 A 120 V locking receptacles (NEMA)
- Wireless remote metering for electric and water
- 20 A GFI receptacle
- Primary side 480 V maximum 600 A
- Secondary side single-phase 120/240 V maximum 100 kVA
- Secondary side three-phase 120/208 V maximum 125 kVA
- Fire extinguisher—10 or 20 lbs

Wiring Diagram

Powerpoint

5

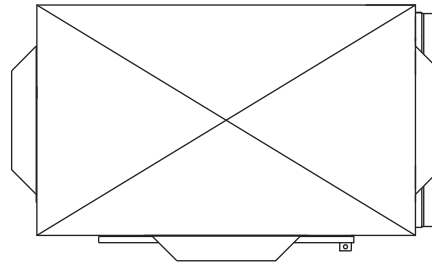
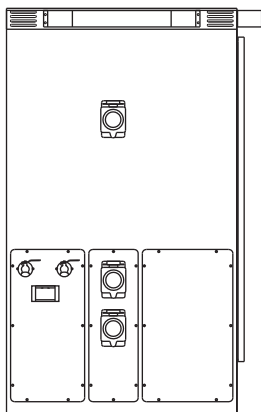
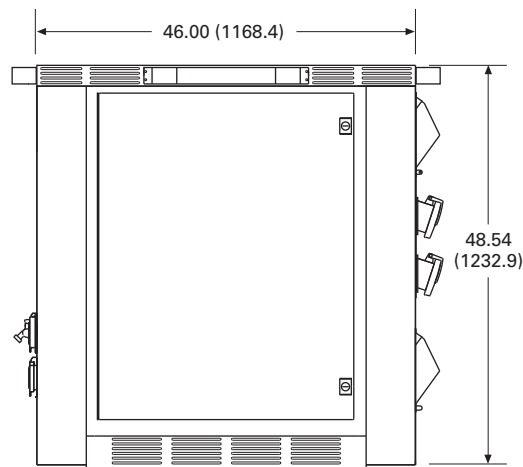
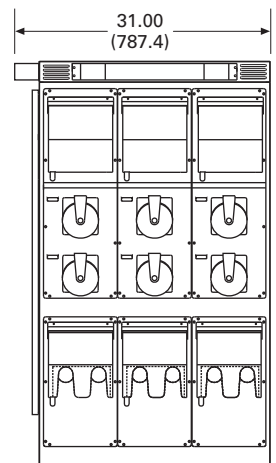
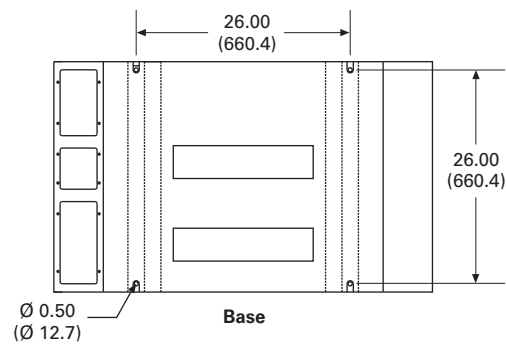


Dimensions

Approximate Dimensions in Inches (mm)

Powerpoint Unit

5

**Top With Solar Shield****Left Side****Front****Right Side****Base**

Substations



Double Panel Substation

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Distribution Equipment—Substations

Product Description

The introduction of substations into the marina and recreational vehicle market allows Eaton to be your complete marina and RV park electrical products supplier. We are able to assist in the design and layout of your marina or RV park electrical system from the primary service provider, to your power pedestal. Our substations are designed for any coastal or inland environment and are constructed of powder-coated stainless steel NEMA 3R housing cabinets. All substation cabinets come with our limited lifetime warranty. All of our substations use Eaton's panels and circuit breakers providing our customers the utmost in circuit protection and quality.

Application Description

The aluminum and Galvaneal cabinets are recommended for inland applications. The substations can be configured with 50–330 kVA single-phase or three-phase copper wound transformers and up to 20 single-phase or 12 three-phase branch breakers. An optional three-sided double-wall cabinet is available that provides air flow between the panels. All substations come standard with temperature controlled cooling fans.

Product Selection Guide

Panel and Transformer Combinations

| Panel | Transformer |
|---------------------|-------------|
| Single-Phase | |
| 200 A | 50 kVA |
| 300 A | 75 kVA |
| 400 A | 100 kVA |
| 600 A | 150 kVA |
| 700 A | 167.5 kVA |
| 800 A | 200 kVA |
| 1000 A | 250 kVA |
| 1200 A | 330 kVA |
| Three-Phase | |
| 100 A | 45 kVA |
| 200 A | 75 kVA |
| 300 A | 112.5 kVA |
| 400 A | 150 kVA |
| 600 A | 225 kVA |
| 800 A | 300 kVA |

Features, Benefits and Functions

- Limited lifetime warranty on the housing
- All stainless steel hardware
- Temperature controlled cooling fans in the transformer and circuit breaker compartments
- Lockable door

Ventilation

The substation ventilation is designed to optimize air circulation over and around the transformers and through the panel compartment so that the substation operates at lower temperatures.

Substations come equipped with temperature controlled cooling fans for exhausting hot air from the cabinet and solar shield.

In addition, substations are available with a double-walled cabinet and solar shield, which allow for cooling of both the exterior surface of the cabinet and the internal components.

Substations

Stainless steel housing with polyester powder coating

Limited lifetime warranty on the housing

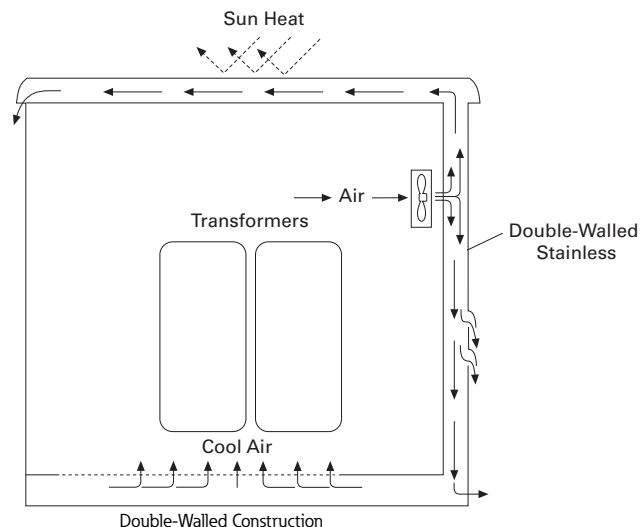
Stainless steel hardware with locking doors

Temperature-controlled fans for cooling



Custom made to your specifications:
Single-phase or three-phase copper wound transformers
50 to 330 kVA

Up to 1200 A main circuit breaker with
20 single-phase or 12 three-phase
branch circuit breakers



Available Options

- Powder-coated cabinets made of stainless steel or fiberglass
- Limited lifetime warranty on housing. Transformer and secondary distribution panel in a single enclosure have a one-year limited warranty
- Stainless steel housing and hardware with locking doors
- Single-phase and three-phase models
- Overload capacity meets ANSI L57.96–01.250
- Optional double-walled construction
- Temperature controlled fans for cooling
- Custom-made copper wound single-phase or three-phase transformers from 50–330 kVA
- Up to 1200 A main circuit breaker with 15 single-phase branch circuit breakers or 10 three-phase branch circuit breakers
- Substations can be equipped with photocells to turn on and off lights
- A 20 A GFI can be installed in the cabinet, as well as a ground fault monitoring system

Standards and Certifications

- cULus listed

**Dimensions**

Approximate Dimensions in Inches (mm)

Substations**Standard Substation**

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 51.00 (1295.4) |
| Depth | 33.00 (838.2) |

Side-by-Side Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 66.00 (1676.4) |
| Depth | 30.00 (762.0) |

Double Panel Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 63.00 (1600.2) |
| Depth | 33.00 (838.2) |

Panels



Panel (Stainless Steel Shown)

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Distribution Equipment—Panels

Product Description

Two of the many products we can offer our customers are Eaton's PRL-3A and PRL-4 panels as standalone units or in one of our substations. All of our busses are made of copper and are load rated; breakers are bolt-on type. Distribution panels can be 120/240 V single-phase, 120/208 V three-phase, 277/480 V three-phase or 220Y/127 V three-phase based on your system requirements. Distribution panels can also have a main breaker or a main lug. Branch circuit breakers are provided based on customer requirements.

Features

- All internal wiring is fine stranded 1000 V insulated copper
- Copper busbars
- All exterior hardware is stainless steel

Available Options

- NEMA 3R or 4X
- Powder-coated stainless steel
- Main breaker up to 1200 A
- Branch breaker 20–1200 A
- Main lug only
- We also offer 480 V models—single-phase and three-phase

Standards and Certifications

- UL listed
- cULus listed



Single-Phase

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Three-Phase

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Transformers



Three-Phase Transformer

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Distribution Equipment—Transformers

Product Description

Because of the high humidity and corrosive conditions of coastal environments, our transformers are wound with Class H heavily insulated copper bar and are double dipped in tough insulating varnish that protects the copper, as well as reduces the hum that is typical in a transformer that is not double dipped. We provide a second overcoat of high temperature epoxy to protect against the severe saltwater environment. We can provide this transformer in single-phase, from 50 to 500 kVA, and three-phase, from 45 to 300 kVA.

Features

- Copper wound transformer coils double dipped in high temperature baking varnish
- All internal wiring is fine stranded 2000 V insulated copper
- Copper busbars
- Marine transformers with epoxy overcoat
- All copper-to-copper connections

Available Options

- Single-phase: 50–500 kVA
- Three-phase: 45–300 kVA
- Epoxy overcoat for non-marine applications

Primary Voltages

- 480 wye three-phase
- 480 V three-phase delta three-wire + ground
- 480 V single-phase two-wire + ground

Secondary Voltages

- 127/220 V three-phase wye four-wire
- 120/208 V three-phase wye four-wire
- 120/240 V single-phase three-wire

Marina Power Distribution Transformer kVA Availabilities

- Single-phase: 50, 75, 100, 150, 167.5, 200, 250, 330, 500 kVA
- Three-phase: 45, 75, 112.5, 150, 225, 300 kVA

Standards and Certifications

- cULus listed



Power Pedestals



Construction Site and RV Parks



Marina Power and Lighting



Mobile Home Panels

5.1 Introduction

| | |
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5.2 Temporary Power/RV Park

| | |
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5.3 Mobile Home Panels

| | |
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| | |
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Don't Give Up!

If you don't find the product you want in this catalog, try the Flex Center at **1-800-330-6479**.

Power Pedestals



Contents

Description

Introduction

Product Description

A power pedestal is a device designed for outdoor service to meet temporary power requirements at construction sites, marinas, recreational vehicle (RV) parks, marinas and mobile home parks). Power pedestals provide a safe and reliable means for users to access electricity at such locations.

Application Description**Construction Site and RV Parks**

Power outlet panels on construction sites and in RV parks provide a safe and reliable means for users to access electricity. A wide range of products are available with multiple features and enclosure material options.

**Construction Site and RV Parks****Mobile Home Panels**

Eaton's versatile mobile home panels have a user-friendly design that allows for a faster, cleaner installation. Mobile home panels are designed for service entrance distribution, and include a meter and distribution section with breaker and receptacle configuration options.

**Mobile Home Panels****Marina Power and Lighting**

Park lighting and marina pedestals offer robust enclosure options with premium features to enhance user convenience at marinas and campgrounds.

**Marina Power and Lighting****Optional Features**

- Product can ship from the factory completely assembled and prewired
- External light
- TV and telephone jacks
- Ground fault monitors
- Digital electronic kilowatt-hour meters
- Water faucet
- Available GFI (ground fault interrupter) protection
- Weatherproof engineered resin enclosure (will never rust or deteriorate)
- Stainless steel to meet and exceed all applicable codes, and withstand harsh inland and coastal environments

Power Outlet Panels**Product Overview**

A power outlet panel (or POP) is a device designed for outdoor service to meet temporary power requirements at construction sites and RV parks. POPs provide a safe and reliable means for users to access electricity at such locations.

Product Description

Power outlet panels shall be designed for outdoor service to meet temporary power outlet requirements at construction sites and provide high quality, economical power to individual sites at RV parks. POPs shall be provided with means to bond the neutral for temporary service entrance applications. RV panels shall have a factory-installed insulated neutral bar.

Receptacles and Circuit Protection

Circuit protection shall be Eaton's UL listed full-size Type BR or half-size Type BD circuit breakers. The receptacles shall be NEMA commercial/industrial grade devices. Ground fault protection (GFCB) shall be provided at the 20 A duplex NEMA 5-20R receptacle or 20 A single-pole circuit breaker when required. Ground fault protection shall be provided at the circuit breaker for receptacles above 20 A when required.

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Construction

The power outlet panel pedestal shall be of deadfront design and constructed of heavy gauge, 100 percent galvanized steel. Baked-on polyester powder coating shall be used for excellent mechanical strength, plus resistance to chalking caused by the sun's ultraviolet rays. The power outlet panel surface and pedestal units shall have NEMA Type 3R rainproof enclosures.

Ease of Installation

Panels shall ship from the factory completely assembled, prewired with 100 percent copper wire, and tested in accordance with UL Standard 231. The door shall swing up and open for user convenience and ease of access to breakers and receptacles. When required, a means for securing the door in the open position shall be provided. Panels shall be bottom fed through knockouts in endwall or top fed using a bolt-on raintight hub. Knockouts shall range from 1/2-inch (12.7 mm) to 1-1/2 inches (38.1 mm). Grounding provisions (#4–14 Cu/Al) shall be provided on all panels.

Application Description

POPs are also sometimes called temporary power panels, temporary site service equipment or RV panels.

Construction Site Application

When POPs are used at a construction site, they are installed on a temporary basis until permanent electrical power is available at the building. The most common reason for needing a POP at a construction site is to provide a power source for the contractor's tools.



Construction Site Application

RV Park Applications

When POPs are used at an RV park, they are installed for more permanent use and serve the purpose of providing power to the recreational vehicles. Many RV parks now supply customers with amenities such as lighted POPs with TV and telephone jacks.



RV Park Application

Service Applications

Suitable for use as temporary Service Entrance Equipment, temporary power service equipment and recreational vehicle site supply.

Features and Benefits

- Designed for outdoor service to meet power outlet requirements
- Receptacles conform to NEMA and/or ANSI configurations as specified by the National Electrical Code® (NEC)
- Includes a factory-installed insulated neutral bar with provisions for bonding when used for temporary service entrance applications
- 125 A rated meter socket
- Temporary power and RV park POPs are CSA listed. Compact POP and single receptacle devices are not CSA listed

Designed for Easy Installation and Protection

- Panels come from the factory completely assembled, prewired with 100 percent copper wire and tested...ready for easy installation
- Door swings up and open for user convenience and ease of access to breakers and receptacles
- Panels can be bottom fed through knockouts in the endwall or top fed using a bolt-on raintight hub
- Two-piece deadfront cover allows field wiring without interfering with factory wiring
- Lower deadfront cover permits easy field wiring to circuit protective devices
- Available GFI (ground fault interrupter) single- and two-pole protection through 50 A

Two Styles to Meet Your Power Outlet Needs

- **Surface mount:** User mounts unit to a post
- **Pedestal mount:** User mounts with an underground pedestal extension or pad-mounting bracket. (Underground pedestal extension and pad-mounting bracket are sold separately. See accessories **Page V1-T5-7** for part numbers and options)



Compact Design Available in Certain Configurations for Added Convenience

Standards and Certifications

- UL Standard 231
- UL File Number E163588

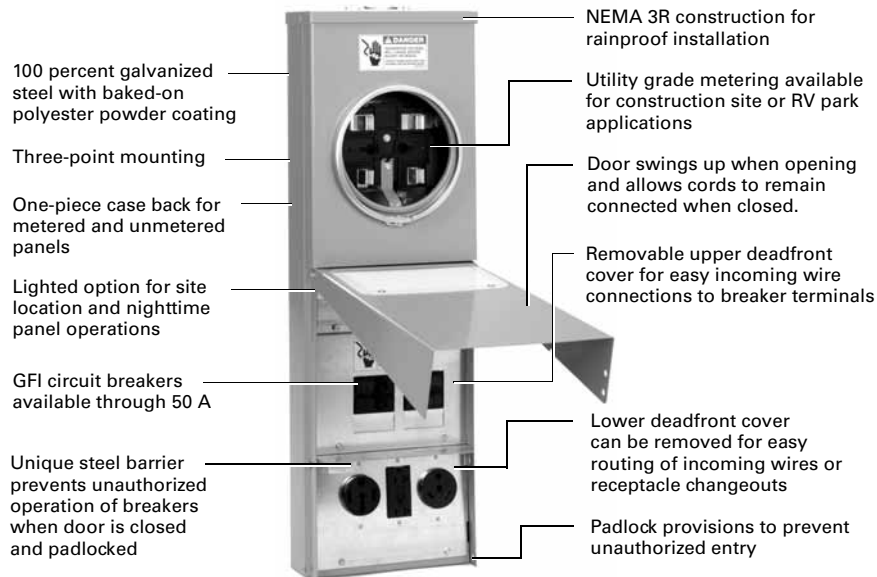
Receptacles conform to NEMA and/or ANSI configurations as specified by the NEC.

Standard Compliance

All power outlet panels for temporary construction site power and RV (recreational vehicle) application shall be UL listed for the U.S. per UL Standard 231, File E163588. Receptacles shall conform to NEMA and/or ANSI configurations as specified by the National Electrical Code (NEC).

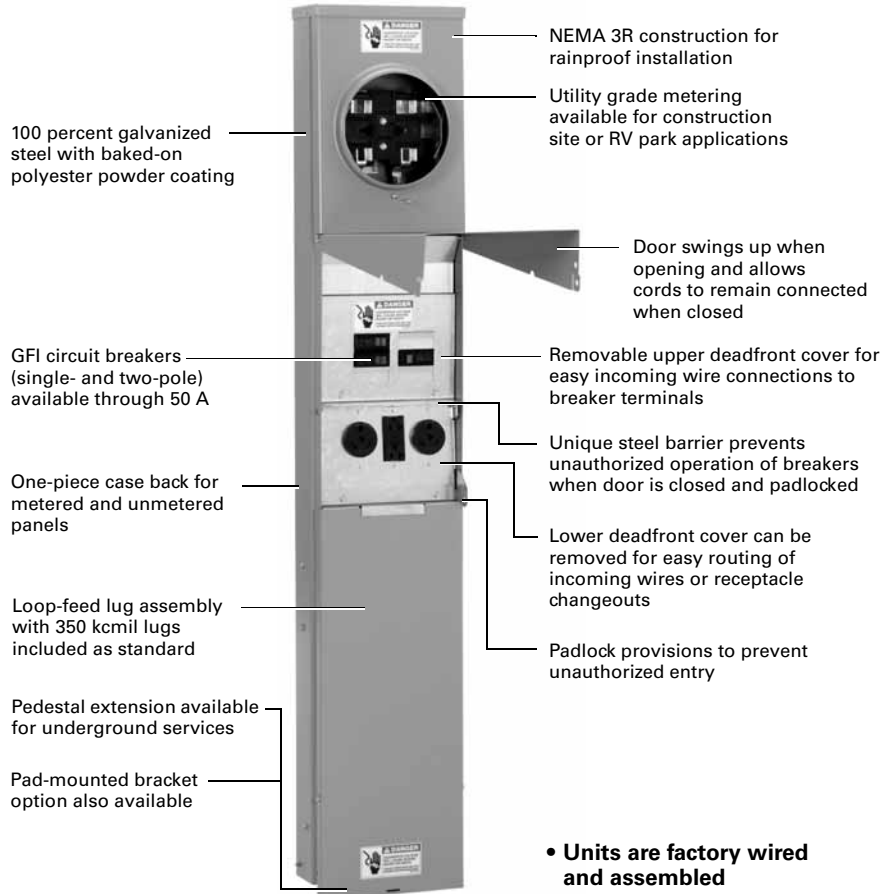


Listed

Surface Units

- **Metered units available with meter on top or on bottom**

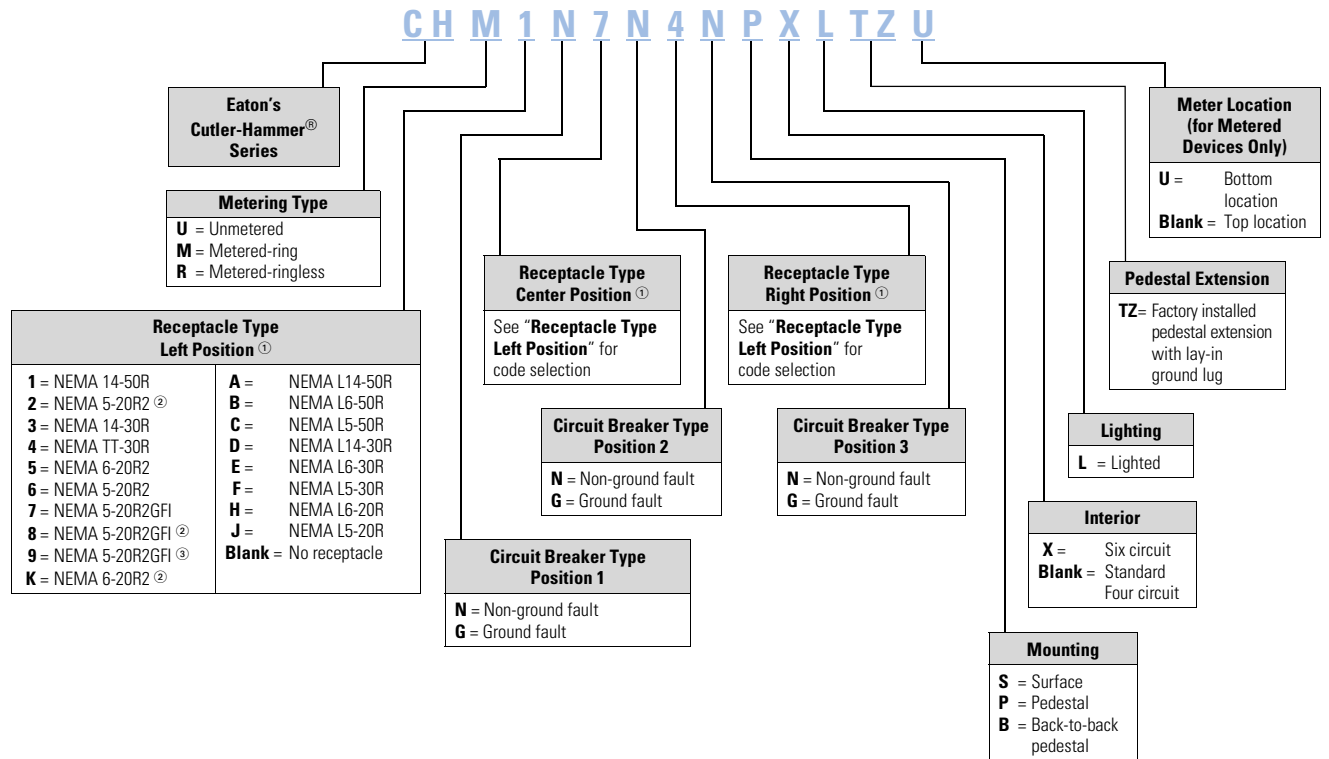
- **Units are factory wired and assembled**

Pedestal Units

- **Units are factory wired and assembled**

Catalog Number Selection











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Notes

- ① For receptacle configurations, see **table below**.
 ② Weather-resistant.
 ③ Weather-resistant/tamper resistant.

Receptacle Configuration

| | | | | | | | | |
|----------|---|--|----------|---|---|----------|---|---|
| 1 |  | 50 A, 125/250 V, three-pole, four-wire, NEMA 14-50R Two-pole, 50 A breaker | 4 |  | 30 A, 125 V, two-pole, three-wire, NEMA TT-30R Single-pole, 30 A breaker | 7 |  | 20 A, 125 V, two-pole, three-wire, NEMA 5-20R2GFI Single-pole, 20 A breaker |
| 2 |  | 20 A, 125 V, two-pole, three-wire, weather-resistant (WR), NEMA 5-20R2 Single-pole, 20 A breaker | 5 |  | 20 A, 250 V, two-pole, three-wire, NEMA 6-20R2 Two-pole, 20 A breaker | 8 |  | 20 A, 125 V, two-pole, three-wire, weather-resistant (WR), NEMA 5-20R2GFI |
| 3 |  | 30 A, 125/250 V, three-pole, four-wire, NEMA 14-30R Two-pole, 30 A breaker | 6 |  | 20 A, 125 V, two-pole, three-wire, NEMA 5-20R2 Single-pole, 20 A breaker | 9 |  | 20 A, 125 V, two-pole, three-wire, weather-resistant/ tamper-resistant (WR TR), NEMA 5-20R2GFI |
| | | | | | | K |  | 20 A, 250 V, two-pole, three-wire, weather-resistant (WR), NEMA 6-20R2 Two-pole, 20 A breaker |

Twist-Lock and Custom Receptacle/Breaker Combinations

| | | | | | | | | |
|----------|---|---|----------|---|--|----------|---|---|
| A |  | 50 A, 125/250 V, three-pole, three-wire, NEMA L14-50R Two-pole, 50 A breaker | D |  | 30 A, 125/250 V, three-pole, four-wire, NEMA L14-30R Two-pole, 30 A breaker | H |  | 20 A, 250 V, two-pole, three-wire, NEMA L6-20R Two-pole, 20 A breaker |
| B |  | 50 A, 250 V, two-pole, three-wire, NEMA L6-50R Two-pole, 50 A breaker | E |  | 30 A, 250 V, two-pole, three-wire, NEMA L6-30R Two-pole, 30 A breaker | J |  | 20 A, 125 V, two-pole, three-wire, NEMA L5-20R Single-pole, 20 A breaker |
| C |  | 50 A, 125 V, two-pole, three-wire, NEMA L5-50R Single-pole, 50 A breaker | F |  | 30 A, 125 V, two-pole, three-wire, NEMA L5-30R Single-pole, 30 A breaker | | | |

Product Selection

When quoting or selecting a power outlet panel, the following questions should be answered:

- Unmetered, ring or ringless style
- Number and types of receptacles (seven standard and eight twist-lock options)
- Standard or ground fault breakers
- Surface, pedestal or back-to-back mounting
- Are any factory or field options required?

Power Outlet Panel Receptacle Configuration Rules

Four Receptacles/Unit

All receptacles must be NEMA 5-20R2 or NEMA 5-20R2GFI, surface mount only.

Three Receptacles/Unit

- One or more of the receptacles must be NEMA 6-20R2, NEMA 5-20R2 or NEMA 5-20R2GFI
- NEMA 6-20R2, NEMA 5-20R2, or NEMA 5-20R2GFI must go in the second position

- If two receptacles consist of types NEMA 14-50R, NEMA 10-50R, NEMA 14-30R or NEMA 6-20R2 a six-circuit interior must be added

- Example:
CHUIN5N2NSX





Note: Configuration 1 and 2 were chosen so a six-circuit interior needs to be added (suffix X) to the end of the catalog number. Also, configuration 5 is in the second position.

Two, One and Zero Receptacles/Unit

Any configuration.

Accessories

Accessories

| | Description | Catalog Number |
|---|--|----------------|
| Underground Pedestal Extension  | Underground pedestal extension | CHPEEXT |
| | Stainless steel underground pedestal extension | CHPEEXTSS |
| Pad-Mount Bracket  | Pad-mount bracket | CHPAEXT |
| Cable TV/Telephone Bracket  | Cable TV and telephone bracket | CHTELT |
| DS Hub  | Rainproof conduit hub 0.75 inch (19.1 mm) | DS075H1 |
| | Rainproof conduit hub 1.00 inch (25.4 mm) | DS100H1 |
| | Rainproof conduit hub 1.25 inch (31.8 mm) | DS125H1 |
| | Rainproof conduit hub 1.50 inch (38.1 mm) | DS150H1 |







Fluorescent Light Kit

Fluorescent Light Kit

| | Description | Catalog Number |
|---|---|----------------|
|  | Converts power outlet panel to lighted unit, must also order CHOUTCVRL | CHFLGKIT |

Renewal Parts

Renewal Parts

| | Description | Catalog Number |
|---|---|----------------|
| Circuit Breaker (BR/GFTCB)  | See this volume, Tab 1, section 1.2 | — |
| Meter Socket  | Ring style replacement meter socket | CHPOPMSRING |
| | Ringless style replacement meter socket | CHPOPMSRL |
| | 5th jaw kit | ARP00035CHJ |
| | Horn bypass (one lug cap per kit; four kits required per device) | ARP00777CH |
| Bonding Strap and Mounting Hardware  | Bonding strap and mounting hardware | CHBONDST |
| Inner Lens  | Inner lens for lighted power outlet panels | CHINLENS |
| Loop Feed Lug Assembly  | Loop feed lug assembly for single pedestal | CHLOOPFDP |
| | Loop feed lug assembly for back-to-back pedestal | CHLOOPFDB |
| Lower Deadfront Cover  | Blank lower deadfront cover | CHLDFCVR |
| | Lower deadfront cover with duplex receptacle opening | CHLDFCVR1 |
| | Lower deadfront cover with duplex, duplex receptacle opening | CHLDFCVR2 |
| | Lower deadfront cover with duplex, duplex, duplex receptacle opening | CHLDFCVR3 |
| | Lower deadfront cover with rectangle receptacle opening | CHLDFCVR4 |
| | Lower deadfront cover with rectangle, rectangle receptacle opening | CHLDFCVR5 |
| | Lower deadfront cover with rectangle, rectangle, rectangle receptacle opening | CHLDFCVR6 |
| | Lower deadfront cover with duplex, rectangle receptacle opening | CHLDFCVR7 |
| | Lower deadfront cover with duplex, rectangle, duplex receptacle opening | CHLDFCVR8 |
| | Lower deadfront cover with rectangle, rectangle, duplex receptacle opening | CHLDFCVR9 |
| | Lower deadfront cover with round receptacle opening | CHLDFCVR10 |
| | Lower deadfront cover with round, round receptacle opening | CHLDFCVR11 |
| | Lower deadfront cover with round, duplex receptacle opening | CHLDFCVR12 |

Renewal Parts, continued

| Description | Catalog Number |
|---|----------------|
| Lower deadfront cover with round, duplex, duplex receptacle opening | CHLDFCVR13 |
| Lower deadfront cover with round, duplex, round receptacle opening | CHLDFCVR14 |
| Lower deadfront cover with round, rectangle receptacle opening | CHLDFCVR15 |
| Lower deadfront cover with round, rectangle, rectangle receptacle opening | CHLDFCVR16 |
| Lower deadfront cover with round, rectangle, round receptacle opening | CHLDFCVR17 |
| Lower deadfront cover with round, rectangle, duplex receptacle opening | CHLDFCVR18 |
| Upper deadfront cover with six breaker twistouts | CHUDFCVR |
| Upper deadfront cover with provisions for lighted option | CHUDFCVRL |

Upper Deadfront Cover



Outer Door



| | |
|------------|----------|
| Outer door | CHOUTCVR |
|------------|----------|

Outer Door with Lens



| | |
|----------------------|-----------|
| Outer door with lens | CHOUTCVRL |
|----------------------|-----------|

Neutral Assemblies



| | |
|--|---------|
| Six-hole neutral assembly with 2/0 lug | CHNEUT |
| Seven-hole neutral assembly with 2/0 lug | CHNEUT1 |
| Five-hole ground bar kit | GBK5 |
| 10-hole ground bar kit | GBK10 |

Replacement Meter Cover

| | |
|-----------------------------------|-------------|
| Replacement meter cover—ring type | CHPOPRMC |
| Replacement meter cover—ringless | CHPOPRLMC |
| Replacement meter cover—ringless | CHPOPRLMCN |
| Replacement meter cover—ringless | CHPOPRLMCN2 |

Power Outlet Panels



Surface Units

Product Overview

A power outlet panel (or POP) is a device designed for outdoor service to meet temporary power requirements at construction sites and recreation vehicle (RV) parks. POPs provide a safe and reliable means for users to access electricity at such locations.

Product Selection

Power Outlet Panel Receptacle Configuration Rules

See **Page V1-T5-7** for complete list.

Four Receptacles/Unit

All receptacles must be NEMA 5-20R2 and/or NEMA 5-20R2GFI, surface mount only.

Contents

Description

| Description | Page |
|----------------------------|-----------------|
| Product Overview | V1-T5-3 |
| Surface Units | |
| Dimensions | V1-T5-13 |
| Pedestal Units | V1-T5-16 |

Three Receptacles/Unit

- One or more of the receptacles must be NEMA 6-20R2, NEMA 5-20R2 or NEMA 5-20R2GFI
- NEMA 6-20R2, NEMA 5-20R2, or NEMA 5-20R2GFI must go in the second position
- If two receptacles consist of types NEMA 14-50R, NEMA 10-50R, NEMA 14-30R or NEMA 6-20R2 a six-circuit interior must be added
 - Example:
CHUIN5N2NSX

Note: Configuration 1 and 2 were chosen so a six-circuit interior needs to be added (suffix X) to the end of the catalog number. Also, configuration 5 is in the second position.




Two, One and Zero Receptacles/Unit

Any configuration.

Options

- Six-circuit interior
- Factory-mounted pedestal extension
- Lighted
- Bottom fed

Surface Type

| | Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|---|------------------------------------|------------------------|-------------|----------|---------------------|------------|------------|------------------------|
| | | Position Left | Center | Right | 1st | 2nd | 3rd | |
|  Single Receptacle CHU4S | Unmetered Single Receptacle | | | | | | | |
| | 50 | — | 14-50R | — | No breaker | No breaker | No breaker | CHU1S |
| | 30 | — | 14-30 R | — | No breaker | No breaker | No breaker | CHU3S |
| | 30 | — | TT-30R | — | No breaker | No breaker | No breaker | CHU4S |
| | 20 | — | 6-20R2 | — | No breaker | No breaker | No breaker | CHU5S |
| | 20 | — | 5-20R2 | — | No breaker | No breaker | No breaker | CHU6S |
| | 20 | — | 5-20R2GFI | — | No breaker | No breaker | No breaker | CHU7S |
|  Unmetered Type CHU1N7N4NS | Unmetered | | | | | | | |
| | 20/20/20 | 5-20R2 | 5-20R2 | 6-20R2 | GFI | GFI | GFI | CHU6G6G5GS |
| | 20/20/20 | 5-20R2WR | 5-20R2WR | 6-20R2WR | GFI | GFI | GFI | CHU2G2GKGS |
| | 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | Non-GFI | CHU7N7N5NS |
| | 20/20/20 | 5-20R2GFIWR | 5-20R2GFIWR | 6-20R2WR | Non-GFI | Non-GFI | Non-GFI | CHU8N8NKNS |
| | 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHU7N7N5GS |
| | 20/20/20 | 5-20R2GFIWR | 5-20R2GFIWR | 6-20R2WR | Non-GFI | Non-GFI | GFI | CHU8N8NKGS |
| | 50/20/30 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NS |
| | 50/20/30 | 14-50R | 5-20R2GFI | 6-20R | GFI | Non-GFI | Non-GFI | CHU1G7N7NS |
| | 50/20 | 14-50R | 5-20RGI | — | GFI | Non-GFI | — | CHU1G7NS |
| | 50/20 | 14-50R | 5-20RGI | — | Non-GFI | Non-GFI | — | CHU1N7NS |
| | 50/20/50 | 14-50R | 5-20R2GFI | 14-50R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N1NSX ① |
| | 30/30/20 | TT-30R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU4N7N4NS |
| | 20/20/20 | 5-20R2 | 5-20R2 | 6-20R2 | GFI | GFI | GFI | CHU6G6G5GS60M ② |
|  Unmetered (Compact Version) | Unmetered (Compact Version) | | | | | | | |
| | 50 | 14-50R | — | — | Non-GFI | — | — | CHU1NS |
| | 20 | 5-20R2 | — | — | Non-GFI | — | — | CHU2NS |
| | 30 | TT-30R | — | — | GFI | — | — | CHU4GS |
| | 30/30 | TT-30R | TT-30R | — | Non-GFI | Non-GFI | — | CHU4N4NS |
| | 30/20 | TT-30R | 5-20R2 | — | Non-GFI | Non-GFI | — | CHU4N6NS |
| | 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU4N7NS |
| | 30 | TT-30R | — | — | Non-GFI | — | — | CHU4NS |
| | 20 | 6-20R2 | — | — | GFI | — | — | CHU5GS |
| | 20/20 | 5-20R2 | 5-20R2 | — | GFI | GFI | — | CHU6G6GS |
| | 20 | 5-20R2 | — | — | GFI | — | — | CHU6GS |
| | 20/20 | 5-20R2 | 5-20R2 | — | Non-GFI | Non-GFI | — | CHU6N6NS |
| | 20 | 5-20R2 | — | — | Non-GFI | — | — | CHU6NS |
| | 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU7N7NS |
| | 20 | 5-20R2GFI | — | — | Non-GFI | — | — | CHU7NS |

Notes

① The "X" suffix indicates that a six circuit interior is provided, instead of the standard four circuit interior.

② Includes 60 A two-pole main breaker for service disconnect ratings.

Contact your local Eaton sales office for configurations not listed.

Surface Type, continued

Metered Ring
CHM1G7NSMetered Ringless Type
CHR4N7NSMetered Ring or
Ringless Type
Bottom Feed

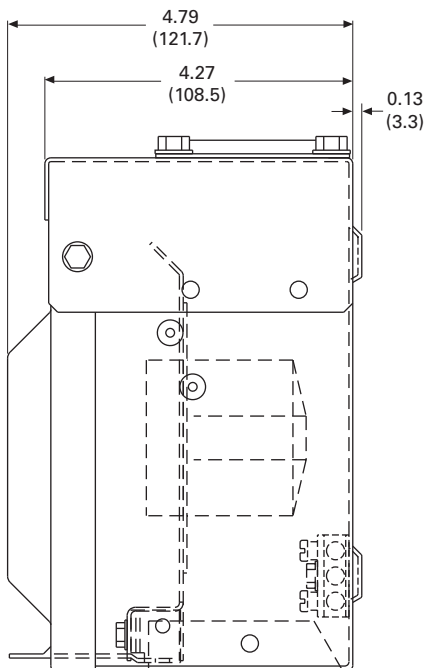
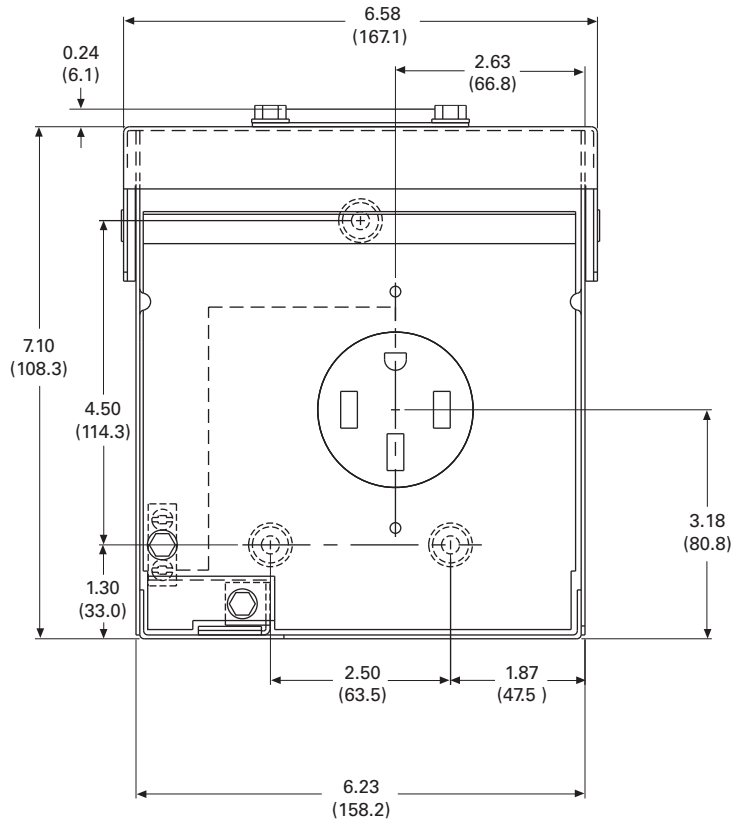
| Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|---------------------------------|------------------------|-----------|-----------|---------------------|---------|---------|----------------|
| | Position Left | Center | Right | 1st | 2nd | 3rd | |
| Metered — Ring | | | | | | | |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHM1G7N7NS |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM7N7NS |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHM7N7N5GS |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | Non-GFI | CHM7N7N5NS |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NS |
| 50/20 | 14-50R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM1N7NS |
| 20/20 | 6-20R2 | 5-20R2GFI | — | Non-GFI | Non-GFI | Non-GFI | CHM5N7NS |
| | | | | | | | |
| Metered — Ringless | | | | | | | |
| 50/20 | 14-50R | 5-20R2GFI | — | GFI | Non-GFI | — | CHR1G7NS |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHR7N7NS |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHR1G7N7NS |
| 50/20 | 14-50R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHR1N7NS |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR7N7N7NS |
| 20/20/20 | 5-20R2WR | 5-20R2WR | 6-20R2WR | GFI | GFI | GFI | CHR2G2GKGS |
| 30/20/20 | 14-30R | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR3N7N7NS |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NS |
| | | | | | | | |
| Metered — Ring — Bottom Fed | | | | | | | |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM7N7NSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHM7N7N5GSU |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHM1G7N7NSU |
| Metered — Ringless — Bottom Fed | | | | | | | |
| 20/20 | 5-20R2GFI | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHR7N7NSU |
| 50/20 | 14-50R | 5-20R2GFI | — | GFI | Non-GFI | — | CHR1G7NSU |
| 50/20 | 10-50R | 5-20R2GFI | — | GFI | Non-GFI | — | CHR2G7NSU |
| 20/20/20 | 5-20R2WR | 5-20R2WR | 6-20R2WR | GFI | GFI | GFI | CHR2G2GKGSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | GFI | CHR7N7N5GSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 6-20R2 | Non-GFI | Non-GFI | Non-GFI | CHR7N7N5NSU |
| 20/20/20 | 5-20R2GFI | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR7N7N7NSU |
| 30/20/20 | 14-30R | 5-20R2GFI | 5-20R2GFI | Non-GFI | Non-GFI | Non-GFI | CHR3N7N7NSU |
| 30/20/20 | 14-30R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHR3G7N7NSU |
| 50/20/20 | 14-50R | 5-20R2GFI | 5-20R2GFI | GFI | Non-GFI | Non-GFI | CHR1G7N7NSU |
| 50/20/30 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NSU |

Accessories

See **Page V1-T5-7**.

Dimensions

Approximate Dimensions in Inches (mm)

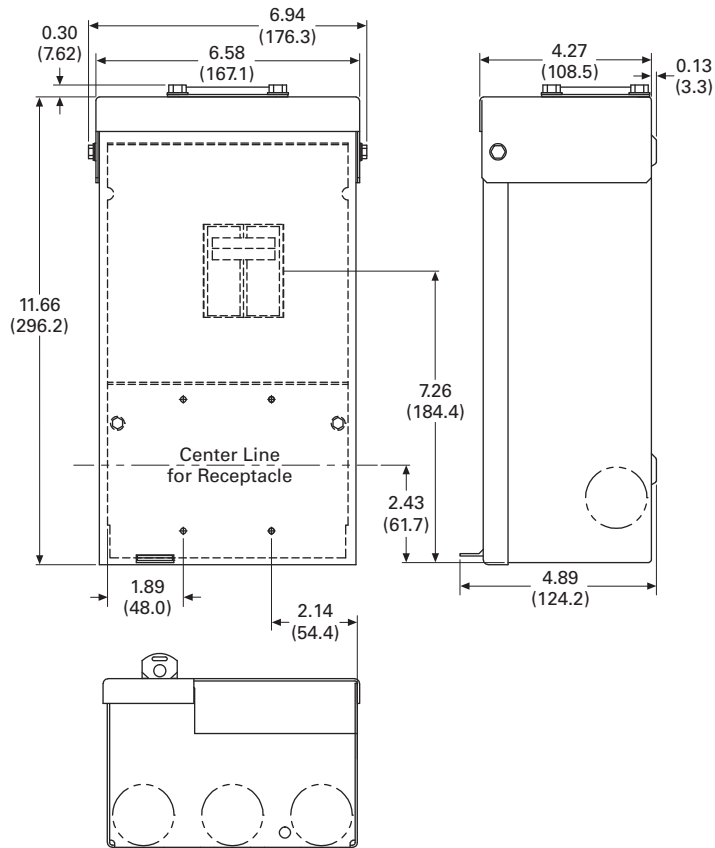
Single Receptacle

5.2 Power Pedestals

Temporary Power/RV Park

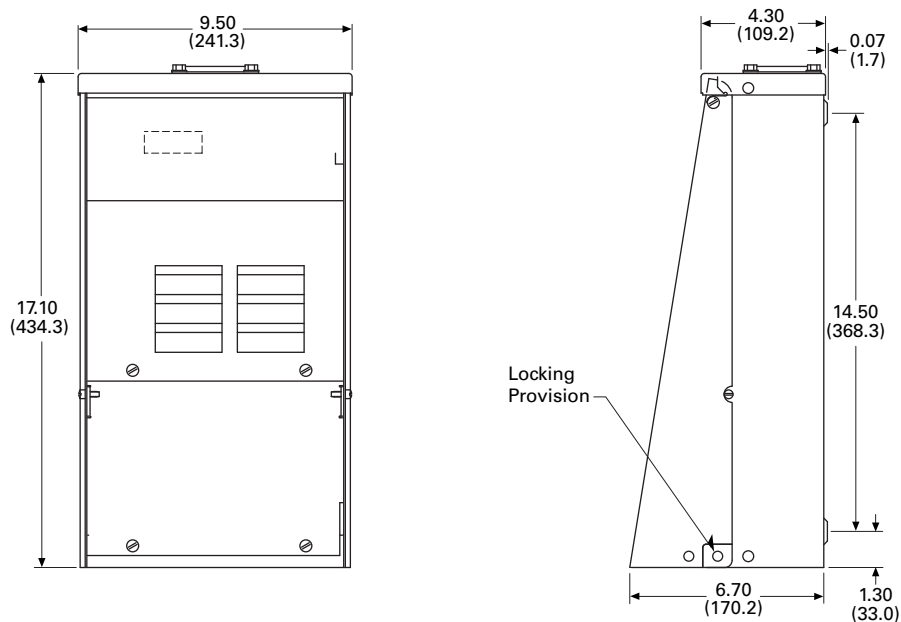
Approximate Dimensions in Inches (mm)

Compact Design Option



Unmetered Units

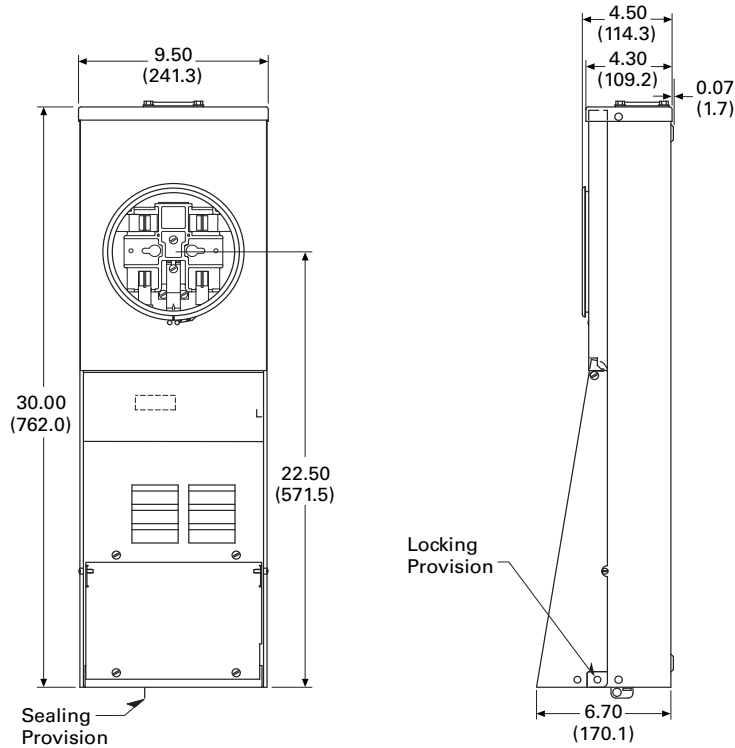
Unmetered Surface Type



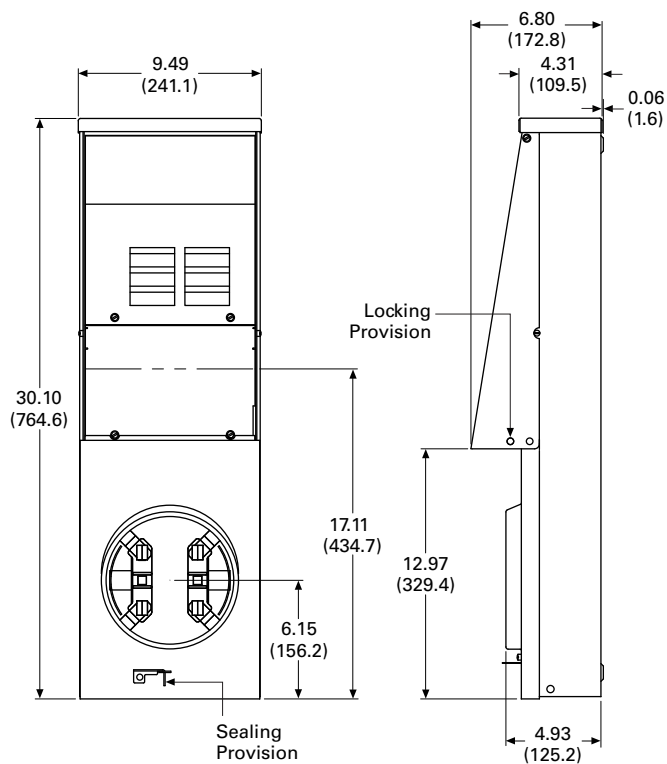
Approximate Dimensions in Inches (mm)

Metered Units (Ring and Ringless)

Metered Surface Type



Bottom Fed Type



Power Outlet Panels



Pedestal Units

Product Overview

A power outlet panel (or POP) is a device designed for outdoor service to meet temporary power requirements at construction sites and recreation vehicle (RV) parks. POPs provide a safe and reliable means for users to access electricity at such locations.

Product Selection

Power Outlet Panel Receptacle Configuration Rules

See **Page V1-T5-7** for complete list.

Four Receptacles/Unit

All receptacles must be NEMA 5-20R2 and/or NEMA 5-20R2GFI, surface mount only.

Contents

Description

| | Page |
|----------------------------|-----------------|
| Product Overview | V1-T5-3 |
| Surface Units | V1-T5-10 |
| Pedestal Units | V1-T5-16 |
| Dimensions | V1-T5-18 |

Three Receptacles/Unit

- One or more of the receptacles must be NEMA 6-20R2, NEMA 5-20R2 or NEMA 5-20R2GFI
- NEMA 6-20R2, NEMA 5-20R2, or NEMA 5-20R2GFI must go in the second position
- If two receptacles consist of types NEMA 14-50R, NEMA 10-50R, NEMA 14-30R or NEMA 6-20R2 a six-circuit interior must be added
 - Example:
CHUIN5N2NSX

Note: Configuration 1 and 2 were chosen so a six-circuit interior needs to be added (suffix X) to the end of the catalog number. Also, configuration 5 is in the second position.

Two, One and Zero Receptacles/Unit

Any configuration.

Options

- Six-circuit interior
- Factory-mounted pedestal extension
- Lighted
- Bottom fed

Unmetered Type



CHM1N7N4NPTZ



Pedestal Type

| Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|--------------------|------------------------|-----------|--------|---------------------|--------------|---------|----------------|
| | Position Left | Center | Right | 1st | 2nd | 3rd | |
| Unmetered | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NP |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU4N7NP |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NPTZ |
| 30/30/20 | TT-30R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU4N7N4NP |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHU4N7NPTZ |
| Metered — Ring | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NP |
| 50/20 | 14-50R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM1N7NP |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NPTZ |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM4N7NPTZ |
| Metered — Ringless | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NP |
| 50/20/50 | 14-50R | 5-20R2GFI | 14-50R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N1NPX |
| 50/20/30 | 14-50R | 5-20R2GFI | 14-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N3NPX |
| 50/20/30 | 14-50R | 5-20R2 | 14-30R | Non-GFI | Ground fault | Non-GFI | CHR1N6G3NPX |

CHU1N7N4NBTZ



Back-to-Back Pedestal Type

| Ampere Series | Receptacle Description | | | Breaker Description | | | Catalog Number |
|----------------------|------------------------|-----------|--------|---------------------|---------|---------|----------------|
| | Position Left | Center | Right | 1st | 2nd | 3rd | |
| Unmetered ① | | | | | | | |
| 30/30/20 | TT-30R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU4N7N4NB |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHU1N7N4NBTZ |
| Metered — Ring ① | | | | | | | |
| 30/20 | TT-30R | 5-20R2GFI | — | Non-GFI | Non-GFI | — | CHM4N7NB |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHM1N7N4NB |
| Metered — Ringless ① | | | | | | | |
| 50/30/20 | 14-50R | 5-20R2GFI | TT-30R | Non-GFI | Non-GFI | Non-GFI | CHR1N7N4NBTZ |

Notes

① The pedestal back-to-back units have receptacles and circuit breakers as shown for each panel and share one common pedestal with loop feed lugs. Contact your local Eaton sales office for configurations not listed.

Accessories

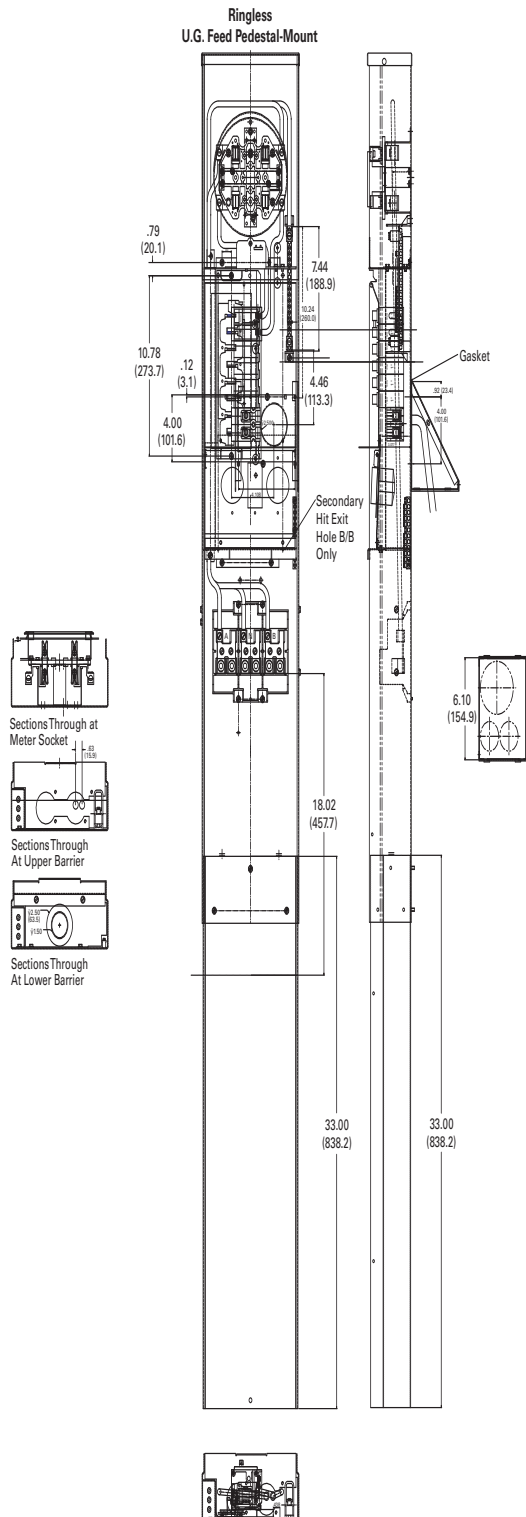
See **Page V1-T5-7**.

Dimensions

Approximate Dimensions in Inches (mm)

Metered Units**100 A Pedestal**

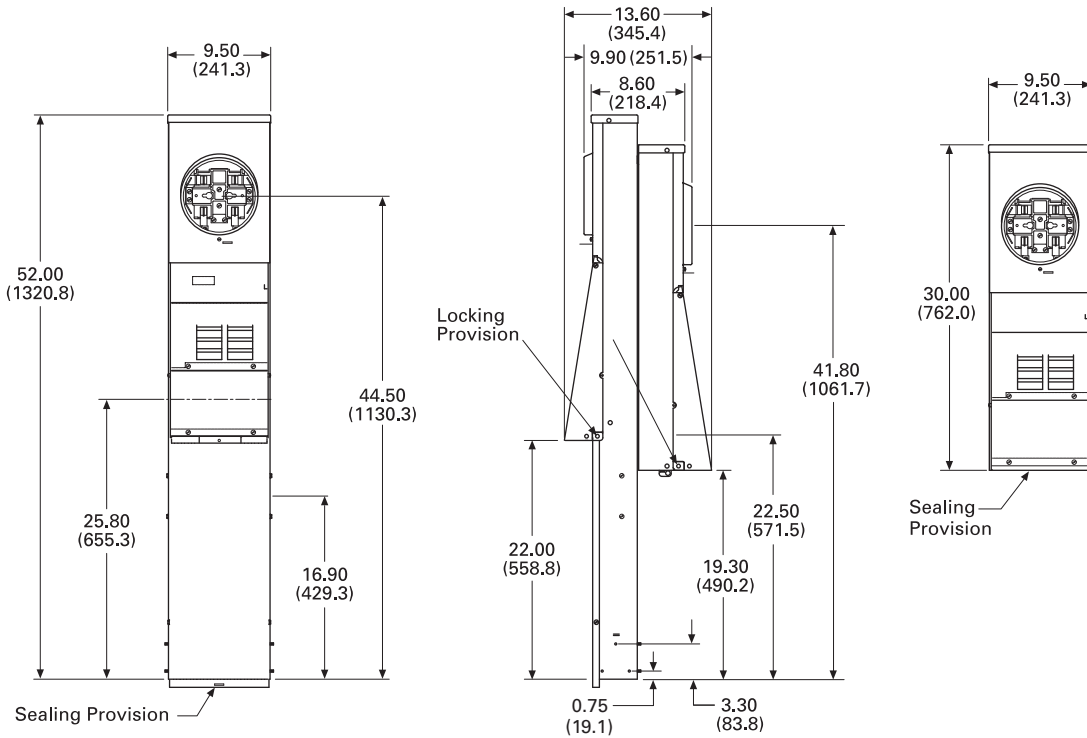
5



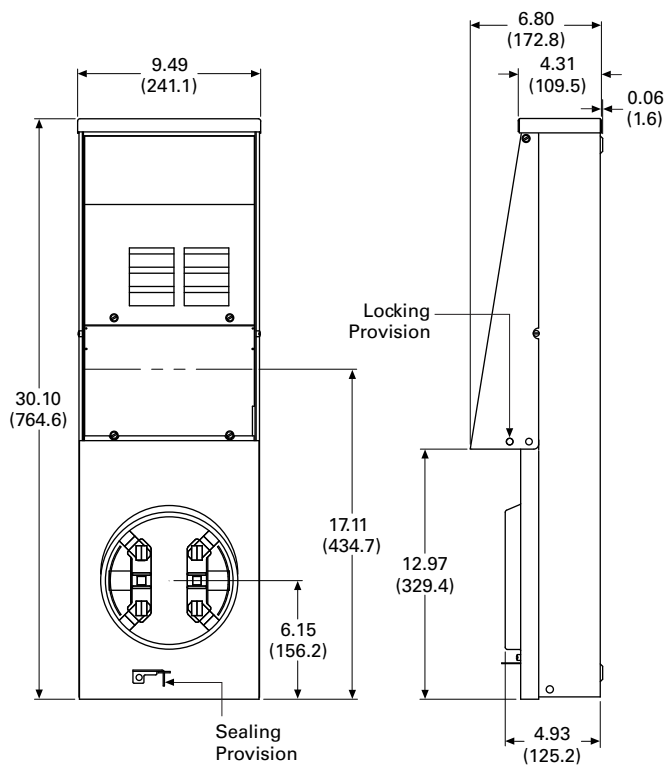
Approximate Dimensions in Inches (mm)

Metered Units (Ring and Ringless)

Metered Back-to-Back Pedestal Type



Bottom Fed Type



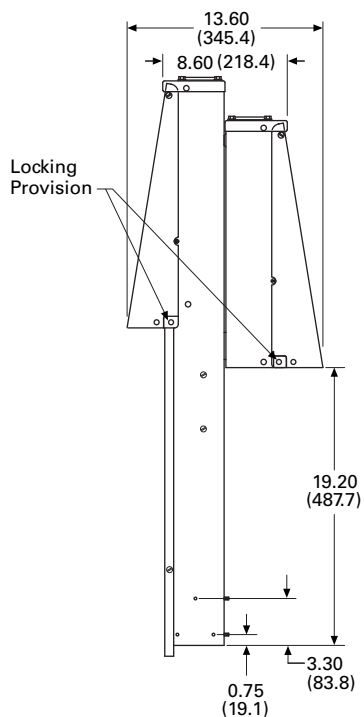
5.2 Power Pedestals

Temporary Power/RV Park

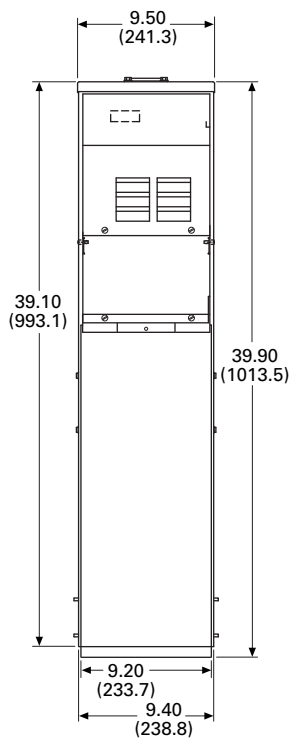
Approximate Dimensions in Inches (mm)

Unmetered Back-to-Back Pedestal Type

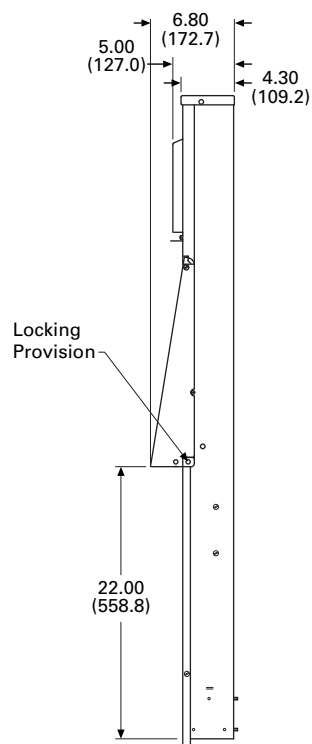
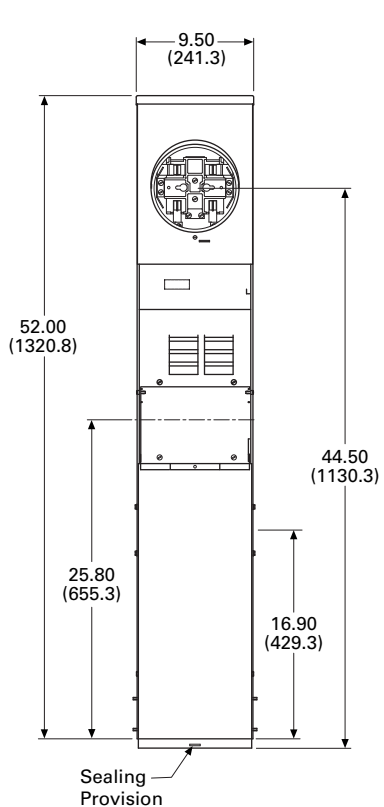
5



Unmetered Pedestal Type



Metered Pedestal Type



Power Outlet Panels



Product Overview

Eaton’s versatile Mobile Home Panels have a user-friendly design that allows for a faster, cleaner installation.

100 and 200 A panels come complete with the main breaker and a 4/8 or 8/16 interior, respectively. The 200 A units are designed with ample width to ensure plenty of room for wire bending and an easier installation.

Receptacle Deadfront Kits

Optional receptacle deadfront kits enable the field installation of contractor supplied receptacles and breakers that can supply power for a variety of applications including:

- Visiting RVs
- Temporary power
- Lawn equipment
- Air compressors
- Anything else that requires cord-connected power

Contents

| Description | Page |
|------------------------------------|----------|
| Mobile Home Panels | |
| Catalog Number Selection | V1-T5-22 |
| Product Selection | V1-T5-22 |
| Accessories | V1-T5-23 |
| Dimensions | V1-T5-24 |

Features

Fastenerless Socket Design

- Eliminates overheating caused by loose socket connections

Pedestal Unit

- Convenient and sturdy ground mounting
- Loop feed feature allows several units to be connected in series

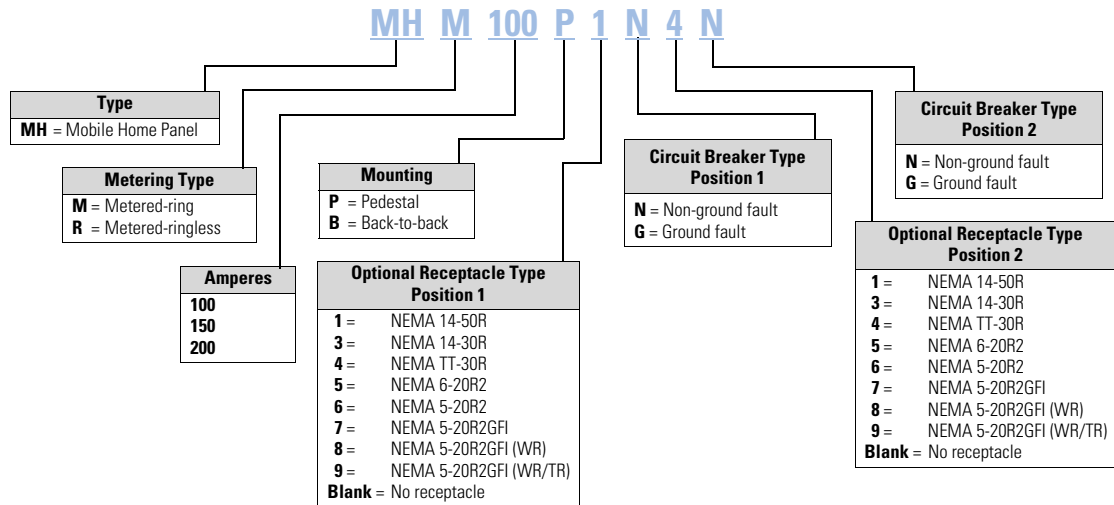
Easier, Better and Faster Installation

- More wire bending and viewing room
- Additional circuits mean more flexibility

Catalog Number Selection

Mobile Home Panels

5



Product Selection

Mobile Home Panel

Mobile Home Panels ①
























| Amperes | Security | Interior | Main | Branch Breakers | Mounting | Receptacles | Catalog Number |
|---------|----------|----------|---------|-----------------|--------------|------------------------------|----------------|
| 100 | Ring | 4/8 | BR2100 | BR | Pedestal | None | MHM100P |
| 100 | Ring | 4/8 | BR2100 | BR | Back-to-back | None | MHM100B |
| 100 | Ringless | 4/8 | BR2100 | BR | Pedestal | None | MHR100P |
| 100 | Ringless | 4/8 | BR2100 | BR | Back-to-back | None | MHR100B |
| 150 | Ring | 8/16 | CSR2150 | BR | Pedestal | None | MHM150P |
| 150 | Ring | 8/16 | CSR2150 | BR | Back-to-back | None | MHM150B |
| 150 | Ringless | 8/16 | CSR2150 | BR | Pedestal | None | MHR150P |
| 150 | Ringless | 8/16 | CSR2150 | BR | Back-to-back | None | MHR150B |
| 200 | Ring | 8/16 | CSR2200 | BR | Pedestal | None | MHM200P |
| 200 | Ring | 8/16 | CSR2200 | BR | Back-to-back | None | MHM200B |
| 200 | Ringless | 8/16 | CSR2200 | BR | Pedestal | None | MHR200P |
| 200 | Ringless | 8/16 | CSR2200 | BR | Back-to-back | None | MHR200B |
| 200 | Ringless | 8/16 | CSR2200 | BR | Pedestal | Qty 1 14-50R Qty 2 TT-30R | MHM200P1N4N4N |

Note

① Pedestal Extension included with Mobile Home Panels.

Mobile Home Panel Deadfronts for 200 A Units^①

Available Receptacle Deadfront Kits—Receptacles and Breakers Not Included

| | | | |
|----------|---|---------|---|
| MHDX |  | MHDXZX |  |
| MHDXX |  | MHDZZY |  |
| MHDBLANK |  | MHDYZ |  |
| MHDZ |  | MHDYZY |  |
| MHDZZ |  | MHDXYX |  |
| MHDZZZ |  | MHDXY Y |  |
| MHDZZZZ |  | MHDXY |  |
| MHDY |  | MHDXZY |  |
| MHDYY |  | MHDXZ |  |
| MHDYYY |  | MHDXZZ |  |
| MHDYYYY |  | | |

Accessories

Mobile Home Panels

Hubs not used on mobile home panels.

| Description | Amperes | Catalog Number |
|------------------------------------|---------|----------------|
| Direct feed kit | — | MHDFK |
| Pedestal extension | 200 | MHPPEEXT |
| Stainless steel pedestal extension | 200 | MHPPEEXTSS |
| Padmount adapter | 200 | MHPPEEXT |
| Pedestal extension | 100 | CHPEEXT100 |
| Stainless steel pedestal extension | 100 | CHPEEXTSS100 |
| Padmount adapter | 100 | CHPAEXT100 |

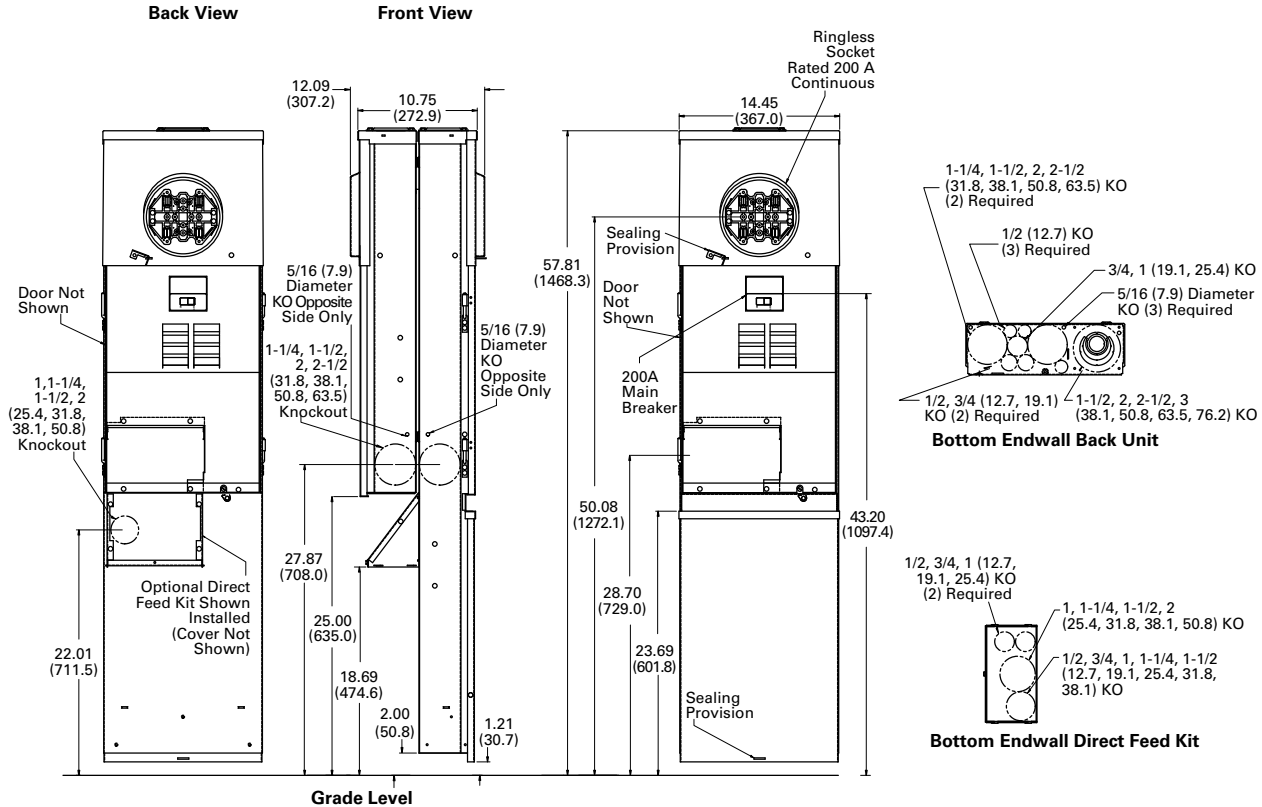
Note

^① For 100 A units, the accessory Catalog Number would be MHD1 _____. For example, to order a deadfront to accept one 30 A receptacle (round) in a 100 ampere device, the Catalog Number would be MHD1X.

Approximate Dimensions in Inches (mm)

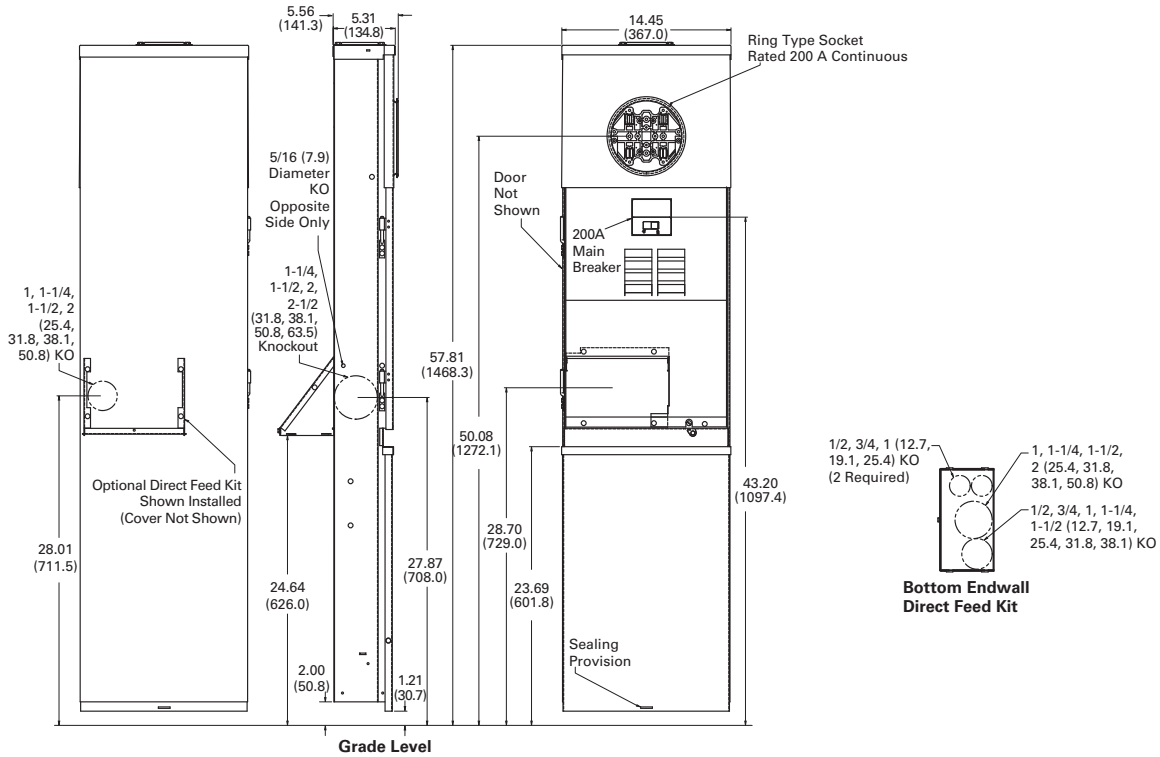
Mobile Home Panel—Ringless—Back-to-Back Mounting

5



Approximate Dimensions in Inches (mm)

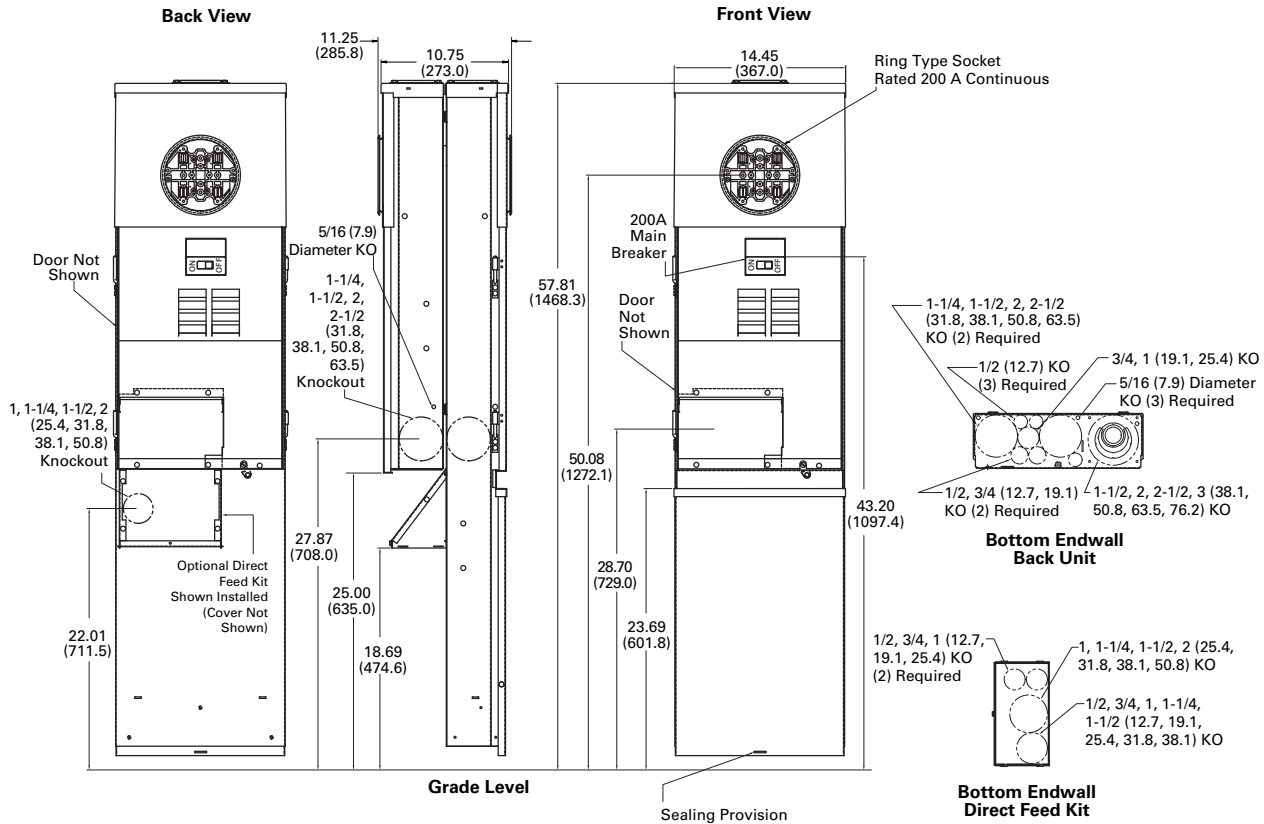
Mobile Home Panel—Ring—Pedestal Mounting



Approximate Dimensions in Inches (mm)

Mobile Home Panel—Ring—Back-to-Back Mounting

5



Recreational Vehicle/Campground Products

*High-Quality, Weatherproof Electrical Equipment*

5

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| Powerhouse—Stainless Steel (SS) Power Pedestal | V1-T5-33 |
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| Digital Electronic Kilowatthour Meters | V1-T5-44 |
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| Distribution Equipment—Panels | V1-T5-49 |
| Distribution Equipment—Transformers | V1-T5-50 |

Power Pedestals**Product Overview**

On March 24, 2006, RV Park Hook-Ups® joined together with Eaton to provide unmatched products and services in the recreational vehicle industry, as well as the marina industry. Known as the leader in electrical control, power distribution, and industrial automation products and services, Eaton is a quality driven company that constantly looks for ways to provide enhanced products and service solutions for their customers. Eaton will be able to provide RV park developers a complete electrical solution. For more information on the other products available from Eaton, visit us online at www.eaton.com or www.rvparkhookups.com

What Eaton has to Offer

- Complementary comprehensive in-house electrical designs for your complete RV or marina development
- RV and marina power pedestals
- Custom substations
- Transformers
- Panels
- Wire
- Digital electronic meters
- Receptacles and breakers
- Specialized electrical parts and equipment

Product Selection Guide

Power Receptacles



5

| Power Outlets | | | Maximum GFI | | | |
|---------------|----------|-------|-------------|---------------|-------------------|------------|
| Side One | Side Two | Phase | Powerhouse | Powerhouse-SS | Newport Camp Mate | Park Light |
| None | None | 1 | 2 | 2 | 2 | 2 |
| 30-20 | 00 | 1 | 2 | 2 | 1 | 1 |
| 30-20 | 30-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 30-30-20 | 1 | 2 | 2 | — | — |
| 30-20 | 50-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 50-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 30-50-20 | 1 | 2 | 2 | — | — |
| 30-30-20 | 50-50-20 | 1 | 2 | 2 | — | — |
| 30-50-20 | 30-50-20 | 1 | 2 | 2 | — | — |
| 30-50-20 | 50-50-20 | 1 | 2 | 2 | — | — |
| 50-20 | None | 1 | 2 | 2 | — | — |
| 50-20 | 50-20 | 1 | 2 | 2 | — | — |
| 50-50-20 | 50-20 | 1 | 2 | 2 | — | — |
| 50-50-20 | 50-50-20 | 1 | 2 | 2 | — | — |
| 30-50-20 | None | 1 | 2 | 2 | 0 | — |

Powerhouse Power Pedestal**Powerhouse Power Pedestal****Product Description**

The Powerhouse® RV utility center is our most popular pedestal for single or double RV sites because of its full complement of standard features and available option packages able to meet any user requirement. The housing is made of durable weatherproof engineered resin and will never rust or deteriorate.

That's why it comes with a limited lifetime warranty. Since the Powerhouse can accommodate two RV sites, it's an economical pedestal for double site installation. This unit is ideal for new, or when retrofitting, full-service RV parks.

Features

- Photocell controlled 13 watt fluorescent light with amber lens
- Lockable weatherproof doors that protect receptacles and breakers
- Hose and cable brackets
- Engineered resin housing with a two-part polyurethane coating for a UV-resistant, long-lasting finish
- Limited lifetime warranty on the housing
- Loop-feed mechanical busbars that can accept up to 250 kcmil wire
- Hinged pedestal base providing easy access for installation and maintenance

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| Powerhouse Power Pedestal | |
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| Catalog Number Selection | V1-T5-31 |
| Accessories | V1-T5-32 |
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| Distribution Equipment—Transformers | V1-T5-50 |

Surge Protection

SurgeTrap is designed to protect electrical and electronic loads from transients and surge disturbances on your AC power line, such as voltage surges, spikes and lighting. The SurgeTrap has a lifetime warranty where Eaton will replace the SurgeTrap device at no charge.

- 175 kA maximum surge current
- 3500 joules
- Type 3R enclosure
- Comes with a protection working indicator light
- Factory installed integral to pedestal or available for retrofit

Available Options

- Clear lens
- Photocell controlled single or dual 7 watt or 13 watt fluorescent light
- Telephone (RJ-11) for each side
- Cable TV for each side
- High-speed Internet connector (RJ-45) for each side
- Water—single or dual 1/4-turn brass ball valves (brass "T" connection) with 3/4-inch hose bibs
- Water meters with remote capability
- Water—anti-siphon faucet
- Loop-feed 3/8-inch stud lug copper busbar for up to 250 kcmil wire (recommended for salt water environments)
- Single-feed mechanical busbars for up to 250 kcmil wire
- Digital electronic meter for each side
- Wireless remote reading of electronic kilowatt meters
- Meter socket for each side powered (to accept glass style meter)
- Direct burial ground mounting stand stainless or galvanized
- Custom paint color

Standards and Certifications

- UL/CSA listed



Catalog Number Selection

P D U 4 7 0 0 0 0 0 0 1 2 K M

| Type | |
|----------------|----------|
| P = Powerhouse | Z = PHSS |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Sides and Receptacles | | | | | | | |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|
| R1 S1 | R2 S1 | R3 S1 | R4 S1 | R1 S2 | R2 S2 | R3 S2 | R4 S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None

1 = 20 A GFI duplex

2 = 30 A, 125 V

4 = 50 A, 125/250 V

5 = 100 A, 208 V

6 = 100 A, 250 V

7 = 100 A, 277/480 V

8 = 100 A, 480 V

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|-----------------|
| Phone Jack | Cable TV Jack | Internet Option |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Water Option ① | |
|------------------------|--|
| 0 = 0 | |
| 1 = 1 | |
| 2 = 2 | |
| 3 = Single water meter | |
| 4 = Dual water meter | |
| 5 = Single meter, 2 V | |
| 6 = 1 frost free | |
| 7 = 2 frost free | |

| Extra Unmetered GFI Receptacles | |
|---------------------------------|--|
| 0 = None | |
| 1 = 1 | |
| 2 = 2 | |

| Metering Type | |
|--|--|
| U = Unmetered | |
| D = Digital electronic meters (side one) | |
| T = Digital electronic meters (side two) | |
| B = Digital electronic meters (both sides) | |
| R = Receptacles metered individually | |
| M = One meter socket (100 A) | |
| N = Two meter socket (100 A each) | |

| Bus | |
|--|--|
| S = Single-phase 3/8-inch copper busbar | |
| F = Three-phase 3/8-inch copper busbar | |
| C = Single-phase 3/8-inch Canadian busbar | |
| T = Three-phase 3/8-inch Canadian busbar | |
| M = Single-phase 300 kcmil mechanical lug bus | |
| Z = Three-phase 300 kcmil mechanical lug bus | |
| L = Single-phase 350 kcmil mechanical lug bus | |
| P = Three-phase 350 kcmil mechanical lug bus | |
| N = Single-phase 1/4-inch copper busbar | |
| Q = Single-phase 1/4-inch split mechanical busbar | |
| A = Single-phase 300 kcmil mechanical lug Canadian bus | |
| B = Three-phase 300 kcmil mechanical lug Canadian bus | |
| D = Single-phase 350 kcmil mechanical lug Canadian bus | |
| E = Three-phase 350 kcmil mechanical lug Canadian bus | |

Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R3S1 = Receptacle 3, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2
 R3S2 = Receptacle 3, Side 2

Notes

① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.

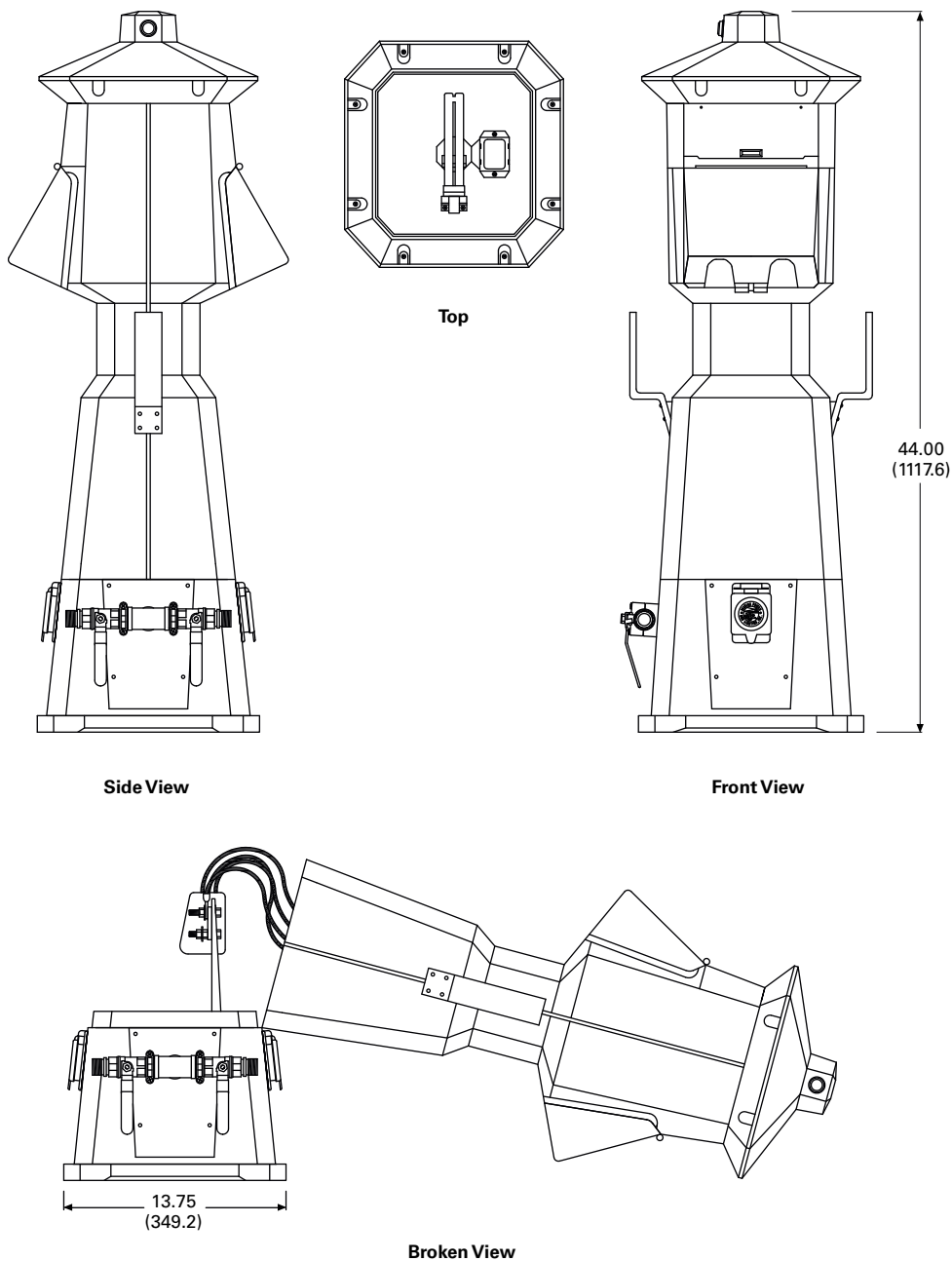
Internet option also available. Contact factory for details.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Powerhouse

5



Powerhouse—Stainless Steel (SS) Power Pedestal**Contents**

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Powerhouse—Stainless Steel (SS) Power Pedestal**Product Description**

For long-lasting durability and low maintenance, the new stainless steel Powerhouse—SS pedestal is the most resilient power center offered.

We have designed a stainless steel pedestal that will meet and exceed all applicable codes and withstand harsh inland and coastal environments.

Features

- Stainless steel housing with a limited lifetime warranty
- Photocell controlled 13 watt fluorescent light with amber lens
- Large removable access panel for easy installation and maintenance
- Weatherproof doors that protect receptacles and breakers
- Backlit faceplate to aid in hooking up at night
- Hose and cable brackets
- Powder-coated finish
- Loop-feed mechanical busbars that can accept up to 350 kcmil wire

Available Options

- Clear lens
- Photocell controlled single or dual 7 watt or 13 watt fluorescent light
- Telephone (RJ-11) for each side
- Cable TV for each side
- High-speed Internet connection (RJ-45) for each side
- Water—single or dual 1/4-turn brass ball valves (brass “T” connection) with 3/4-inch hose bibs
- Water meters with remote capability
- Water—anti-siphon faucet
- Direct burial stainless steel ground mounting stand
- Lockable doors
- Loop-feed 3/8-inch stud lug copper busbar for up to 350 kcmil wire (recommended for salt water environments)
- Single-feed mechanical busbars for up to 350 kcmil wire
- Digital electronic metering for each side
- Wireless remote reading of electronic kilowatt meters
- Meter socket for each side powered (to accept glass style meter)
- Four door design to add more outlets per pedestal

Catalog Number Selection

Z D U 4 7 0 0 0 0 0 1 2 K M

5

| Type |
|----------------|
| P = Powerhouse |
| Z = PHSS |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Metering Type |
|--|
| U = Unmetered |
| D = Digital electronic meters (side one) |
| T = Digital electronic meters (side two) |
| B = Digital electronic meters (both sides) |
| R = Receptacles metered individually |
| M = One meter socket (100 A) |
| N = Two meter socket (100 A each) |

| Sides and Receptacles | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|
| R1S1 | R2S1 | R3S1 | R4S1 | R1S2 | R2S2 | R3S2 | R4S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None
 1 = 20 A GFI duplex
 2 = 30 A, 125 V
 4 = 50 A, 125/250 V
 5 = 100 A, 208 V
 6 = 100 A, 250 V
 7 = 100 A, 277/480 V
 8 = 100 A, 480 V

| Water Option ^① |
|---------------------------|
| 0 = 0 |
| 1 = 1 |
| 2 = 2 |
| 3 = Single water meter |
| 4 = Dual water meter |
| 5 = Single meter, 2 V |
| 6 = 1 frost free |
| 7 = 2 frost free |

| Extra Unmetered GFI Receptacles |
|---------------------------------|
| 0 = None |
| 1 = 1 |
| 2 = 2 |

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|-----------------|
| Phone Jack | Cable TV Jack | Internet Option |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Bus |
|--|
| S = Single-phase 3/8-inch copper busbar |
| F = Three-phase 3/8-inch copper busbar |
| C = Single-phase 3/8-inch Canadian busbar |
| T = Three-phase 3/8-inch Canadian busbar |
| M = Single-phase 300 kcmil mechanical lug bus |
| Z = Three-phase 300 kcmil mechanical lug bus |
| L = Single-phase 350 kcmil mechanical lug bus |
| P = Three-phase 350 kcmil mechanical lug bus |
| N = Single-phase 1/4-inch copper busbar |
| Q = Single-phase 1/4-inch split mechanical busbar |
| A = Single-phase 300 kcmil mechanical lug Canadian bus |
| B = Three-phase 300 kcmil mechanical lug Canadian bus |
| D = Single-phase 350 kcmil mechanical lug Canadian bus |
| E = Three-phase 350 kcmil mechanical lug Canadian bus |

Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R3S1 = Receptacle 3, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2
 R3S2 = Receptacle 3, Side 2

Notes

^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.

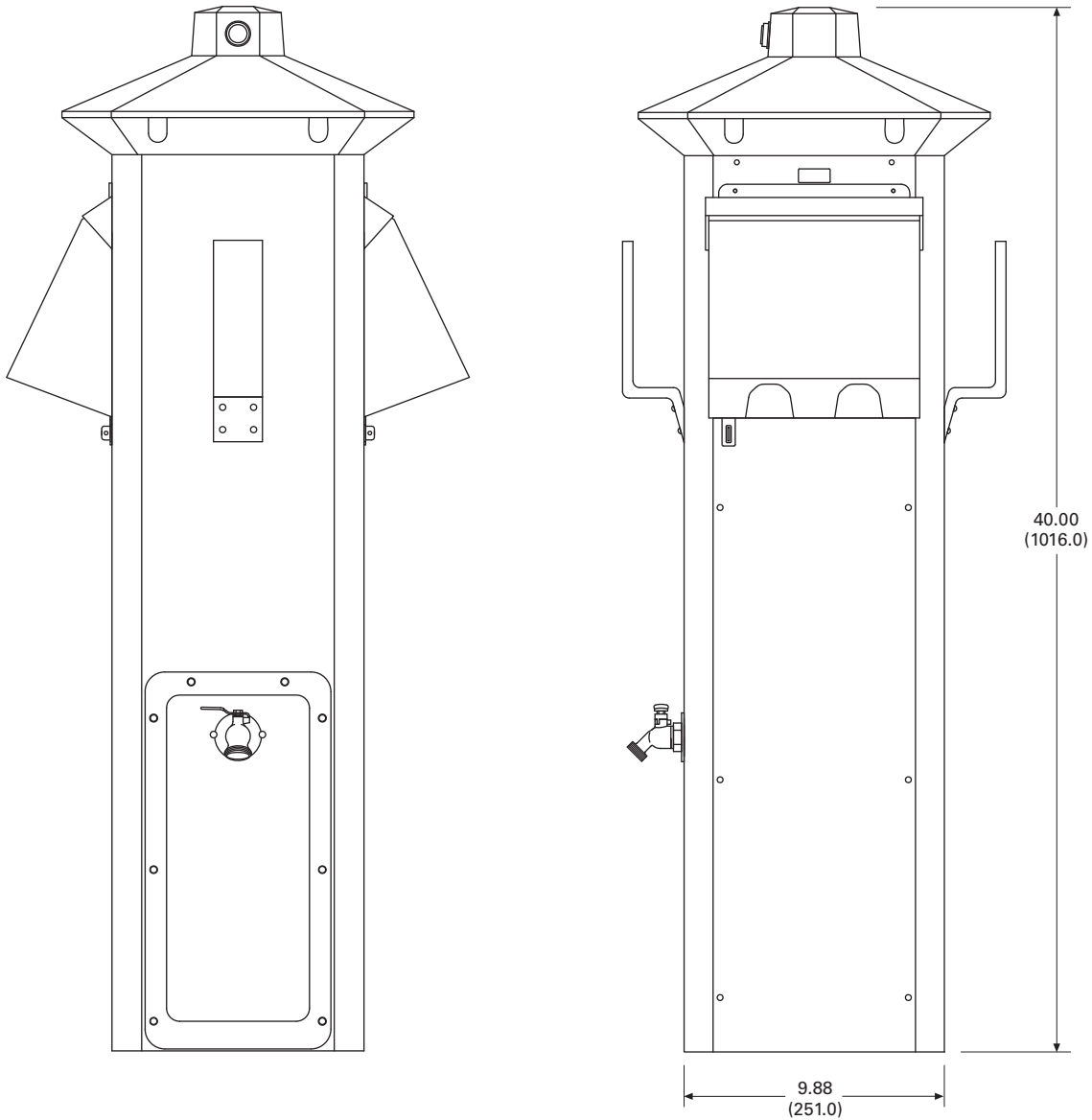
Internet option also available. Contact factory for details.

Accessories

See **Page V1-T5-75**.

Dimensions

Approximate Dimensions in Inches (mm)

Powerhouse—Stainless Steel (SS)

Newport Camp Mate Power Pedestal**Newport Camp Mate Power Pedestal****Product Description**

The Newport Camp Mate provides many of the features and options of our other full-size pedestals, but in a compact self-contained unit. This model provides more mounting options to RV park owners than any other model. It can be mounted to our stainless steel stand either flanged or direct burial, a post or any wall.

It comes standard with a resin housing that will never rust or deteriorate and provides area lighting as well as aiding in hooking up at night. This unit is especially suitable to many RV park renovation projects as well as new RV parks.

Features

- Photocell controlled 7 watt fluorescent light with amber lens
- Lockable weatherproof door that protects receptacles and breakers
- Engineered resin housing
- Limited lifetime warranty on the housing
- Designed to mount on a post, wall or an optional custom stand
- Loop-feed 1/4-inch copper stud lug busbars that can accept 2/0 AWG wire for Camp Mate without optional stand
- Loop-feed mechanical busbars that can accept up to 2/0 AWG wire for Camp Mate on optional stand

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| Distribution Equipment—Panels | V1-T5-49 |
| Distribution Equipment—Transformers | V1-T5-50 |

Available Options

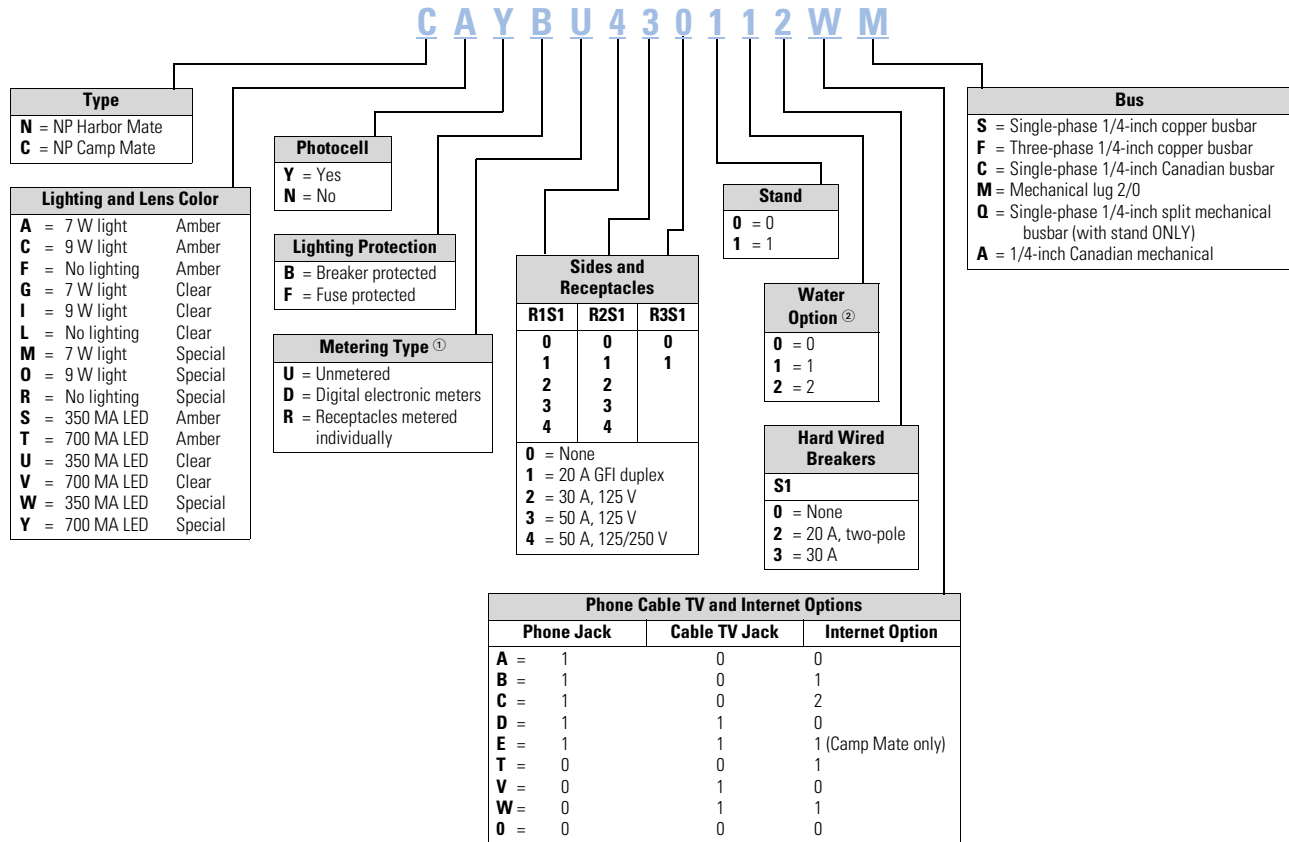
- 36-inch stainless steel stand
- 40-inch stainless steel pad-mounted stand
- 60-inch direct burial stainless steel stand
- Telephone (RJ-11)
- Cable TV
- High-speed Internet connector (RJ-45)
- Water—single or dual 1/4-turn brass ball valves (brass “T” connection) with 3/4-inch hose bibs mounted on optional stand
- Water—anti-siphon backflow preventer
- Loop feed 3/8-inch stud lug copper busbar for up to 350 kcmil wire with stand (recommended for salt water environments)
- Single-feed mechanical busbars for up to 350 kcmil wire available with stand
- Digital electronic meter
- Wireless remote reading of electronic kilowatt meter
- Meter socket available with aluminum stands (to accept glass style meter)

Standards and Certifications

The Newport Camp Mate is UL listed and comes with a limited lifetime warranty on the housing.



Catalog Number Selection



Receptacle: R1 = Receptacle 1
 R2 = Receptacle 2
 R3 = Receptacle 3

Notes

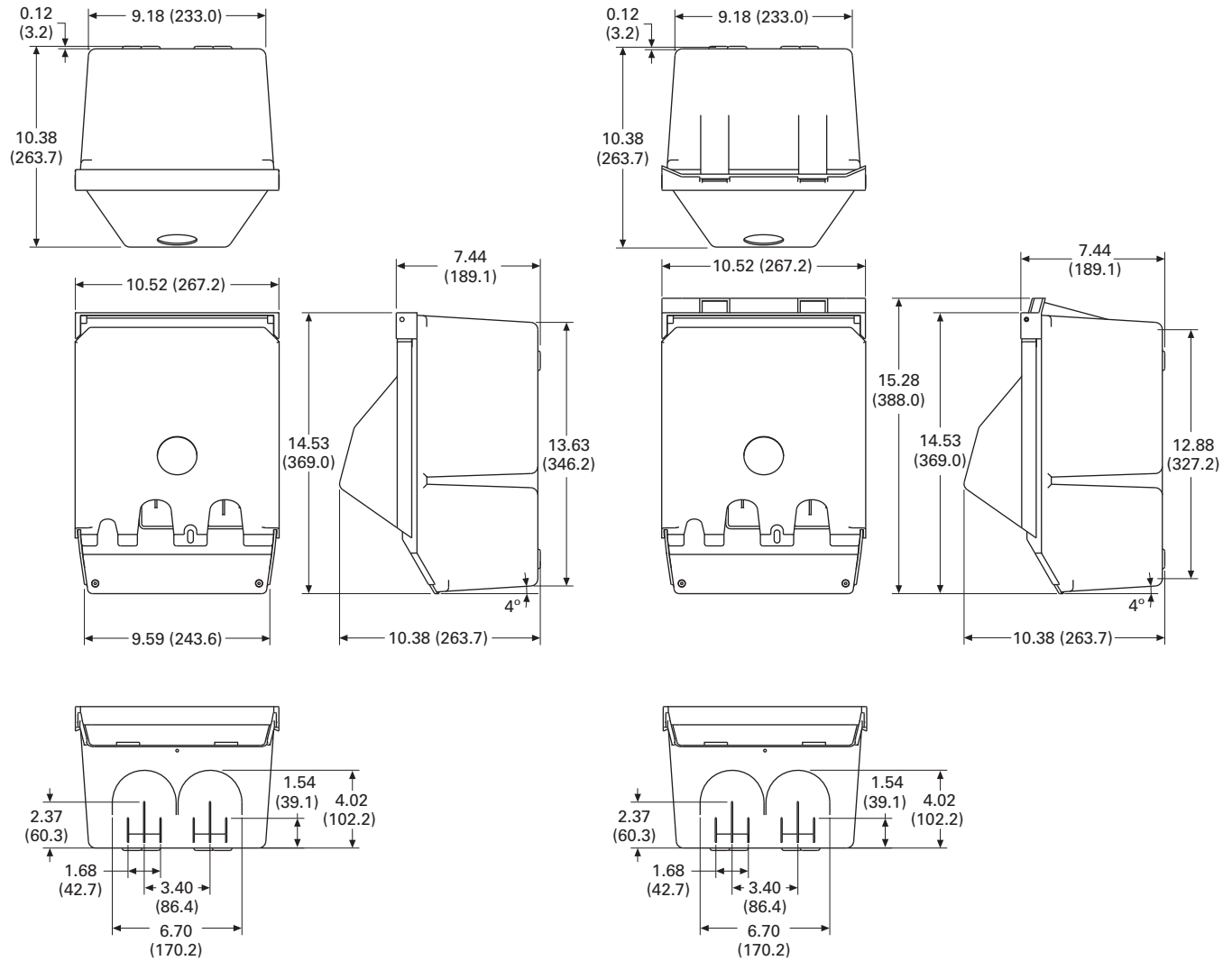
- ① 20 A GFIs not metered.
 ② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs (with stand only).

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Newport Camp Mate

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**Newport Redesign****Newport Redesign With Meters**

Park Light Power Pedestal**Contents**

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Park Light Power Pedestal**Product Description**

The elegant design of the Park Light complements park landscaping and provides essential lighting required for park safety and security for campground paths, walkways, recreational areas and even pools. The Park Light has the same 360 degree lighting design as the Powerhouse and a resin housing that will never rust or deteriorate.

At 10¢/kWH, it will provide area lighting at a cost of less than 50¢/month and the bulbs will last for about three years. The Park Light is a perfect lighting fixture for any campground and especially for RV parks with Powerhouse utility centers.

Features

- Photocell controlled dual 13 watt fluorescent light with amber lens
- Engineered resin housing with a two-part polyurethane coating for a UV-resistant, long-lasting finish
- Limited lifetime warranty on the housing
- Loop-feed 1/4-inch stud lug copper busbars that can accept 2/0 AWG wire

Available Options

- Clear lens
- Photocell controlled single or dual 7 watt or 13 watt fluorescent light
- Phone (RJ-11)
- Cable TV
- High-speed Internet (RJ-45)
- Water faucet(s) with 3/4-inch hose bib
- Water—anti-siphon backflow preventer
- Digital electronic meter
- Wireless remote reading of electronic kilowatt meter
- Direct burial ground mounting stand
- Custom paint color

Standards and Certifications

The housing has a limited lifetime warranty, and the unit is UL listed.



Catalog Number Selection

H D Y B D 4 7 0 1 2 A M

Type

H = Hatteras Light
R = Park Light

Photocell

Y = Yes
N = No

Lighting and Lens Color

A = 7 W light Amber
B = Dual 7 W light Amber
C = 9 W light Amber
D = 13 W light Amber
E = Dual 13 W light Amber
F = No lighting Amber
G = 7 W light Clear
H = Dual 7 W light Clear
I = 9 W light Clear
J = 13 W light Clear
K = Dual 13 W light Clear
L = No lighting Clear
M = 7 W light Special
N = Dual 7 W light Special
O = 9 W light Special
P = 13 W light Special
Q = Dual 13 W light Special
R = No lighting Special
S = 350 MA LED Amber
T = 700 MA LED Amber
U = 350 MA LED Clear
V = 700 MA LED Clear
W = 350 MA LED Special
Y = 700 MA LED Special

Lighting Protection

B = Breaker protected
F = Fuse protected

Metering Type ^①

U = Unmetered
D = Digital electronic meters
R = Receptacles metered individually

Sides and Receptacles

| R1S1 | R2S1 | R1S2 |
|------|------|------|
| 0 | 0 | 0 |
| 1 | 1 | 1 |
| 2 | 2 | 2 |
| 3 | 3 | 3 |
| 4 | 4 | 4 |

0 = None
1 = 20 A GFI duplex
2 = 30 A, 125 V
3 = 50 A, 125 V
4 = 50 A, 125/250 V

Water Option ^②

0 = 0
1 = 1 (1/2-inch)
2 = 2 (1/2-inch)
3 = 1 (3/4-inch)
4 = 2 (3/4-inch)

Hard Wired Breakers

S1

0 = None
2 = 20 A, two-pole
3 = 30 A

Bus

S = Single-phase 1/4-inch copper busbar
F = Three-phase 1/4-inch copper busbar
C = Single-phase 1/4-inch Canadian busbar
M = Mechanical lug 2/0
A = 1/4-inch Canadian mechanical

Phone Cable TV and Internet Options

| Phone Jack | Cable TV Jack | Internet Option |
|------------|---------------|-----------------|
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| M = 2 | 1 | 0 |
| P = 2 | 2 | 0 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |

Receptacle: R1 = Receptacle 1, Side 1
R2 = Receptacle 2, Side 2

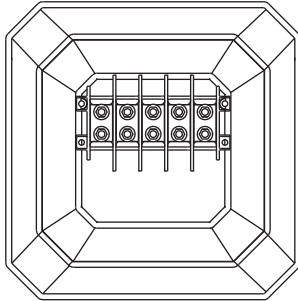
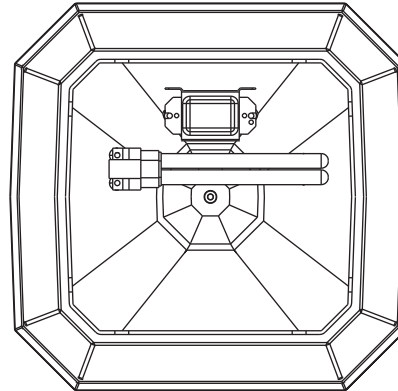
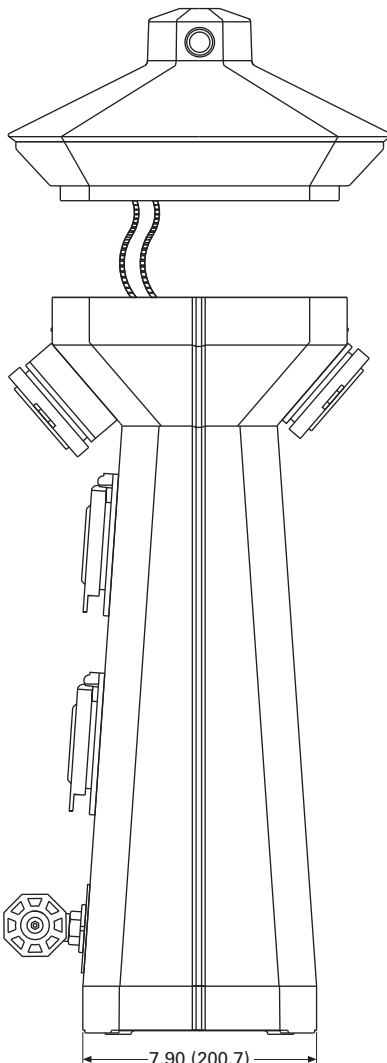
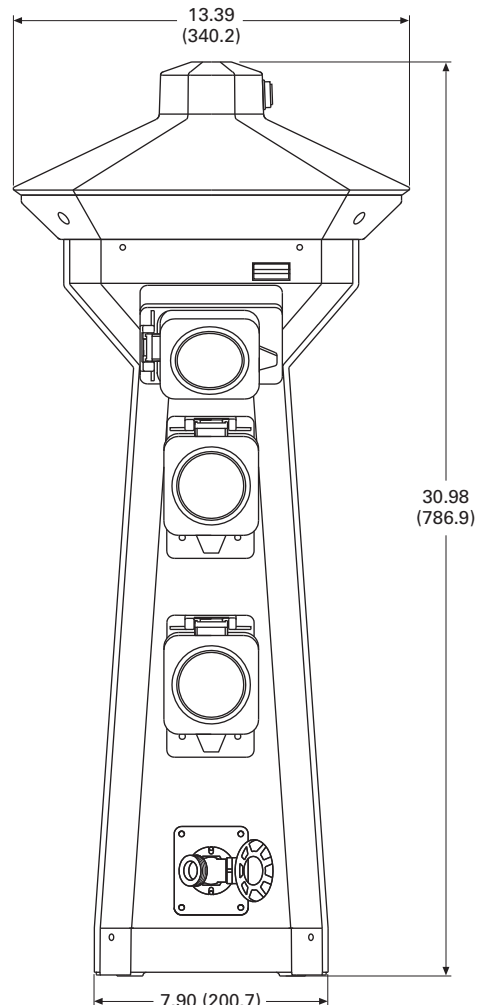
Notes

^① 20 A GFIs not metered.

^② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs (with stand only).

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Park Light**Busbar Access Top Removed****Inside Top****Side View****Front View**

Firehouse



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Firehouse

Product Description

The Firehouse is designed to provide added fire safety to RV parks and campgrounds. The Firehouse provides a convenient location and easy access to fire extinguishers and to an optional life ring when installed around pools and waterfront amenities.

In addition, the Firehouse provides area lighting for easy identification during an emergency and for security lighting around the unit. The Firehouse can be equipped with an alarm strobe light and siren, which are automatically activated when the fire extinguisher cabinet door is opened or the optional life ring is removed.

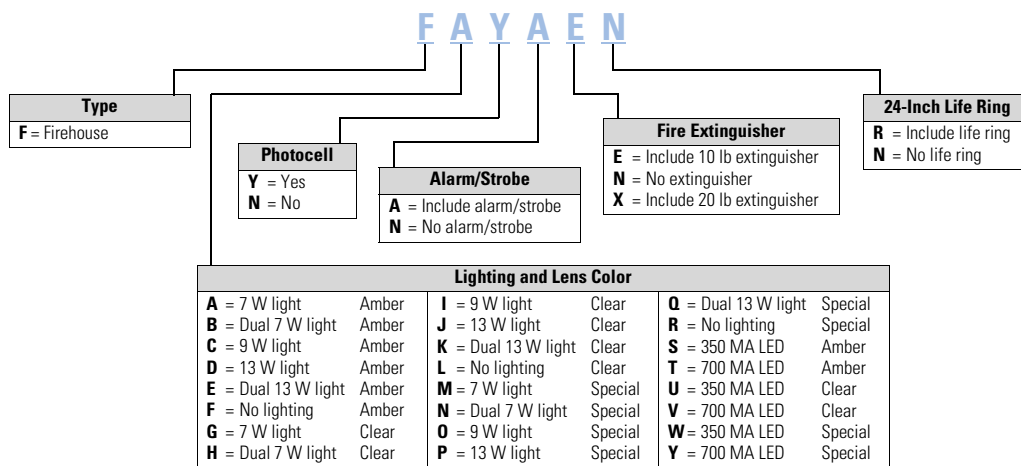
Features

- Photocell controlled 13 watt fluorescent light
- Amber lens for bug reduction
- 10 lb ABC Type fire extinguisher
- Stainless steel housing with oven-baked enamel finish with an engineered resin base and top
- Limited lifetime warranty on the housing

Available Options

- Alarm strobe light and siren
- Optional 24-inch white or orange life ring for poolside or dockside installations
- 20 lb ABC Type fire extinguisher

Catalog Number Selection

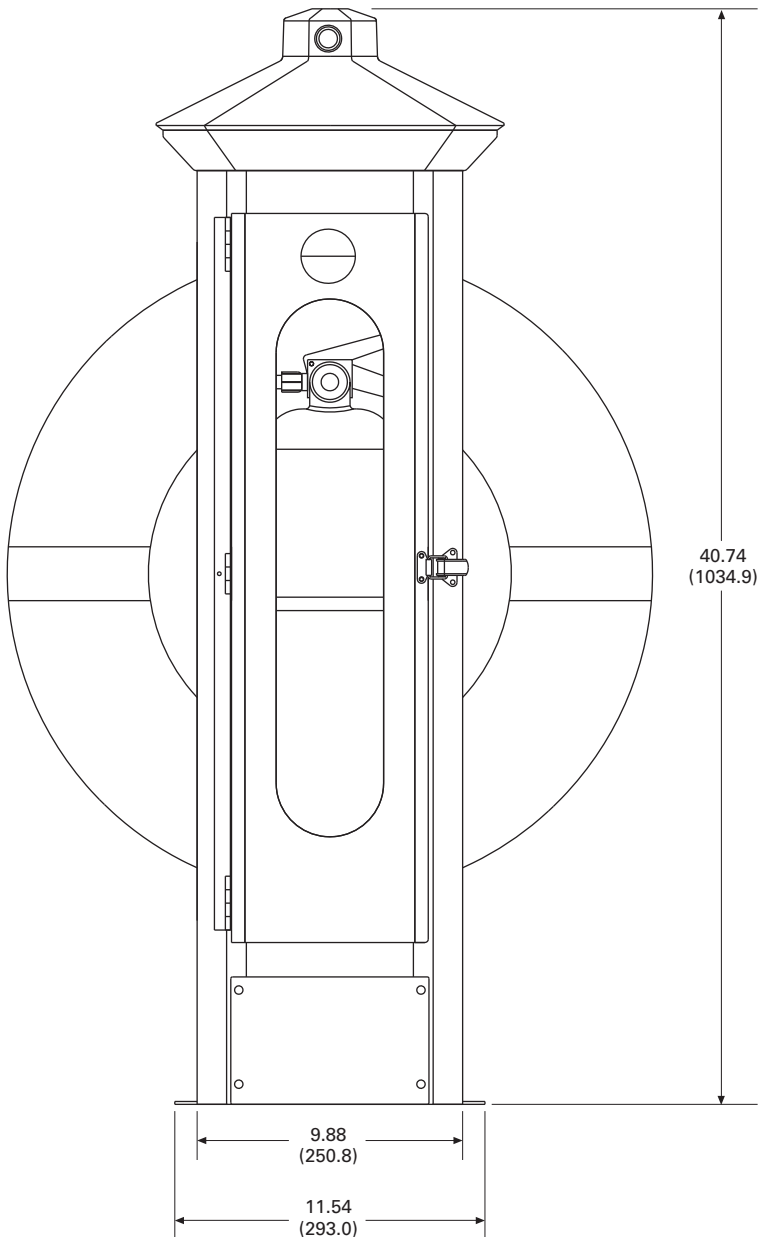


Accessories

See **Page V1-T5-75**.

Dimensions

Approximate Dimensions in Inches (mm)

Firehouse—SS**5**

Digital Electronic Kilowatthour Meters**Digital Electronic Kilowatthour Meters****Product Description**

Using the latest surface mount technology, Eaton manufactures a digital electronic kilowatt hour meter that exceeds the $\pm 2\%$ accuracy required by ANSI (American National Standards Institute) C-12.1 and is approved by the state of California at $\pm 1\%$ over the full range of 0–100 A from a 0.5 to 1 power factor and is available for both single- and three-phase applications.

The meter drives an electro-mechanical counter that requires a 12 V pulse each tenth of a kilowatthour, providing 10 pulses per kilowatt used. The meter output can be hard wired or connected to a transmitter in the pedestal for wireless transmission to a receiver displaying the output on a PC for direct billing of up to 1,000 individual customers.

Features

Our meter is designed to be user friendly in that all connections from external sources and the meter output are through one 14-pin locking connector. This feature eliminates many common problems, such as reverse line polarity and improper coil polarity. Simple LEDs, both red and green, indicate line and load condition and the pulsed LED indicates the rate of power consumption.

Wireless System

All of our meters are “wireless capable” to allow for wireless meter reading. This technology enables the marina or RV park to get meter readings from one central location rather than visiting every site to read the counters.

Meter Socket Capabilities

Meter sockets are available on the Powerhouse and Powerhouse–SS.

Standard:

- Four jaw
- Ring-type
- 100 A

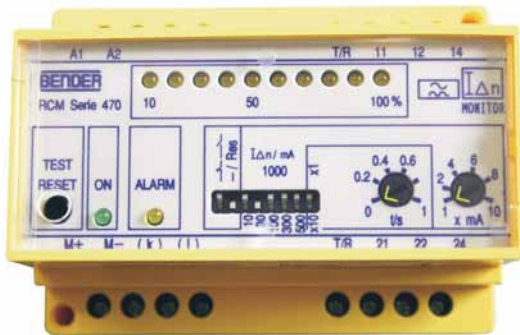
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Available Options

- 200 A (SS only)
- Lockable hasp
- Ringless (SS only)
- Five jaw
- Seven jaw (SS only)

Product Selection**One Element Meter****Two Element Meter****Three Element Meter**

Ground Fault Monitor**Contents****Description****Page**

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Distribution Equipment—Ground Fault Monitor**Product Description**

New to our product offering are ground fault monitoring systems designed to detect fault currents in the AC shore power system that are too low to trip a circuit breaker. The Ground Fault Monitor helps reduce the risk of injury or property damage, which may result from stray fault currents. Our ground fault monitoring system provides information to the maintenance staff on the overall condition of the AC electrical system. The ground fault monitoring system operates 24 hours a day and can be monitored by non-technical personnel.

Features

- UL listed current transformers
- Adjustable trip level 10 mA to 10 A
- Current transformers up to 8 1/4-inch diameter
- Visual and/or audible alarm
- Housing of fiberglass or powder coated stainless steel available

Power Guard

The ground fault monitor detects ground fault currents by means of current transformers (CT), which are placed around main or branch circuits. If a ground fault occurs, the CT will detect the amount of fault current and send a signal to the ground fault monitoring device where the amount of fault current is displayed with the faulty circuit identified. The detected fault can either activate an indicator alarm or disconnect the faulted circuit.

Substations

*Side-by-Side Substation*

Distribution Equipment—Substations

Product Description

The introduction of substations into the marina and recreational vehicle market allows Eaton to be your complete marina and RV park electrical products supplier. We are able to assist in the design and layout of your marina or RV park electrical system from the primary service provider to your power pedestal. Our substations are designed for any coastal or inland environment and are constructed of powder-coated stainless steel NEMA 3R housing cabinets. All substation cabinets come with our limited lifetime warranty. All of our substations use Eaton's panels and circuit breakers, providing our customers the utmost in circuit protection and quality.

Application Description

The aluminum and Galvaneal cabinets are recommended for inland applications. The substations can be configured with 50 to 330 kVA single-phase or three-phase copper wound transformers and up to 20 single-phase or 12 three-phase branch breakers. An optional three-sided double-wall cabinet is available that provides air flow between the panels. All substations come standard with temperature-controlled cooling fans.

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Product Selection Guide

Panel and Transformer Combinations

| Panel | Transformer |
|---------------------|-------------|
| Single-Phase | |
| 200 A | 50 kVA |
| 300 A | 75 kVA |
| 400 A | 100 kVA |
| 600 A | 150 kVA |
| 700 A | 167.5 kVA |
| 800 A | 200 kVA |
| 1000 A | 250 kVA |
| 1200 A | 330 kVA |
| Three-Phase | |
| 100 A | 45 kVA |
| 200 A | 75 kVA |
| 300 A | 112.5 kVA |
| 400 A | 150 kVA |
| 600 A | 225 kVA |
| 800 A | 300 kVA |

Features, Benefits and Functions

- Limited lifetime warranty on the housing
- All stainless steel hardware
- Temperature controlled cooling fans in the transformer and circuit breaker compartments
- Lockable door

Ventilation

The substation ventilation is designed to optimize air circulation over and around the transformers and through the panel compartment so that the substation operates at lower temperatures.

Substations come equipped with temperature-controlled cooling fans for exhausting hot air from the cabinet and solar shield.

In addition, substations are available with a double-walled cabinet and solar shield, which allow for cooling of both the exterior surface of the cabinet and the internal components.

Substations

Stainless steel housing with polyester powder coating

Limited lifetime warranty on the housing

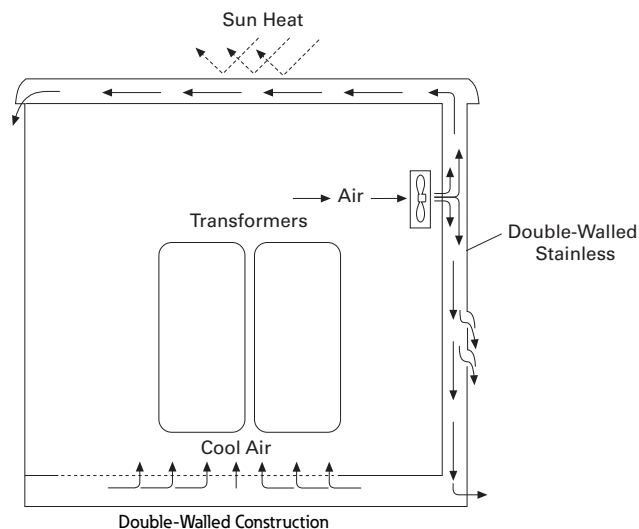
Stainless steel hardware with locking doors

Temperature-controlled fans for cooling



Custom made to your specifications:
Single-phase or three-phase copper wound transformers
50 to 330 kVA

Up to 1200 A main circuit breaker with
20 single-phase or 12 three-phase branch circuit breakers



Available Options

- Powder-coated cabinets made of stainless steel or fiberglass
- Limited lifetime warranty on housing. Transformer and secondary distribution panel in a single enclosure have a one-year limited warranty
- Stainless steel housing and hardware with locking doors
- Single-phase and three-phase models
- Overload capacity meets ANSI L57.96–01.250
- Optional double-walled construction
- Temperature-controlled fans for cooling
- Custom-made copper wound single-phase or three-phase transformers from 50 to 330 kVA
- Up to 1200 A main circuit breaker with 15 single-phase branch circuit breakers or 10 three-phase branch circuit breakers
- Substations can be equipped with photocells to turn on and off lights
- A 20 A GFI can be installed in the cabinet, as well as a ground fault monitoring system

Standards and Certifications

- cULus listed

**Dimensions**

Approximate Dimensions in Inches (mm)

Substations**Standard Substation**

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 51.00 (1295.4) |
| Depth | 33.00 (838.2) |

Side-by-Side Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 66.00 (1676.4) |
| Depth | 30.00 (762.0) |

Double Panel Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 63.00 (1600.2) |
| Depth | 33.00 (838.2) |

Panels



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| Powerhouse—Stainless Steel (SS) Power Pedestal | V1-T5-33 |
| Newport Camp Mate Power Pedestal | V1-T5-36 |
| Park Light Power Pedestal | V1-T5-39 |
| Firehouse | V1-T5-42 |
| Digital Electronic Kilowatthour Meters | V1-T5-44 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-45 |
| Distribution Equipment—Substations. | V1-T5-46 |
| Distribution Equipment—Panels | |
| Distribution Equipment—Transformers. | V1-T5-50 |

Distribution Equipment—Panels**Product Description**

We now can offer our customers Eaton's PRL-3A and PRL-4 panels as stand-alone units or in one of our substations. All of our busses are made of copper and are load rated, breakers are bolt-on type. Distribution panels can be single-phase or three-phase based on your system requirements. Distribution panels can also have a main breaker or a main lug. Branch circuit breakers are provided based on customer requirements.

Features

- All internal wiring is fine stranded 2000 V insulated copper
- Copper busbars
- All exterior hardware is stainless steel

Available Options

- NEMA 3R or 4X
- Powder-coated stainless steel
- Main breaker up to 1200 A
- Branch breaker 20 to 1200 A
- Main lug only
- We also offer 480 V models—single-phase and three-phase

Standards and Certifications

- UL listed
- cULus listed

**Single-Phase**

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Three-Phase

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Transformers



5

Distribution Equipment—Transformers

Product Description

Because of the high humidity and corrosive conditions of coastal environments, our transformers are wound with Class H heavily insulated copper bar and are double dipped in tough insulating varnish that protects the copper, as well as reduces the hum that is typical in a transformer that is not double dipped. For marine applications, we provide a third overcoat of high temperature epoxy to protect against the severe saltwater environment. We can provide this transformer in single-phase, from 50 to 500 kVA, and three-phase, from 45 to 300 kVA.

Features

- Copper wound transformer coils double dipped in high temperature baking varnish
- Copper terminations
- Marine transformers with epoxy overcoat
- All copper-to-copper connections

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| Distribution Equipment—Transformers | |

Available Options

- Single-phase: 50–500 kVA
- Three-phase: 45–300 kVA
- Epoxy overcoat for non-marine applications

Standards and Certifications

- cULus listed



Primary Voltages

- 480 wye three-phase
- 480 V three-phase delta three-wire + ground
- 480 V single-phase two-wire + ground

Secondary Voltages

- 127/220 V three-phase wye four-wire
- 120/208 V three-phase wye four-wire
- 120/240 V single-phase three-wire

Marina Power Distribution Transformer kVA Availabilities

- Single-phase: 50, 75, 100, 150, 167.5, 200, 250, 330, 500 kVA
- Three-phase: 45, 75, 112.5, 150, 225, 300 kVA

Marina Power and Lighting Equipment

*High-Quality, Weatherproof Electrical Equipment***Contents****Description****Page**

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| Firehouse | V1-T5-73 |
| Smart Start | V1-T5-79 |
| Mariner | V1-T5-80 |
| Digital Electronic Kilowatthour Meters | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-82 |
| Distribution Equipment—Mega Yacht Powerpoint | V1-T5-83 |
| Distribution Equipment—Substations. | V1-T5-86 |
| Distribution Equipment—Panels. | V1-T5-89 |
| Distribution Equipment—Transformers. | V1-T5-90 |

Learn
Online**Power Pedestals****Product Overview**

Known as a leader in electrical control, power distribution, and industrial automation products and services, Eaton is a quality driven company that constantly looks for ways to provide enhanced product and service solutions for their customers. Eaton will be able to provide Marina developers a complete electrical solution. For more information on the other products available from Eaton, visit us online at www.eaton.com or www.marinapower.com.

What Eaton has to Offer

- Eaton has more marina power outlets in service than all other suppliers combined
- We offer complementary comprehensive in-house electrical designs for your complete marina development using all high quality Eaton products
- We can provide your marina development with complete remote wireless digital electronic meter reading
- Not only can Eaton provide your marina with the highest quality power pedestals and marine distribution equipment, we can also supply your entire electrical needs for your surrounding development and beyond from safety switches to loadcenters and much more

Product Selection Guide

Power Pedestal Quick Guide

5

| | Lighthouse | Lighthouse-SS | Hatteras Light | Newport Harbor Mate | Admiral-SS | Firehouse | Mariner | Lookout | Power Point |
|--------------------------------|------------------|------------------|------------------|---------------------|------------------|------------------|------------------|------------------|------------------|
| Main housing | Engineered resin | Stainless steel | Engineered resin | Engineered resin | Stainless steel | Stainless steel | Engineered resin | Stainless steel | Stainless steel |
| Top | Engineered resin | Engineered resin | Engineered resin | Engineered resin | Stainless steel | Engineered resin | Engineered resin | Stainless steel | Stainless steel |
| Optional stand | — | — | — | Stainless steel | — | — | PVC | — | — |
| External hardware | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel | Stainless steel |
| Standard lightwattage(s) | 13 W | 13 W | 13 W | 7 W | 13 W | 13 W | 5 W, 7 W & 13 W | — | 13 W |
| LED lighting option | Yes | Yes | Yes | No | Yes | Yes | No | No | Yes |
| Photocell | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes |
| Lockable doors | Yes | Yes | Yes | Yes | Yes | — | — | — | Yes |
| Hose hangers | Yes | Yes | No | No | Yes | No | No | No | No |
| Electric meters | Yes—up to 4 | Yes—up to 4 | Yes—up to 2 | Yes—up to 2 | Yes—up to 4 | No | No | No | Yes—up to 6 |
| Remote meter reading | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Water | Two 3/4" | Two 3/4" | Two 1/2" | Two 3/4" | Two 3/4" | None | None | None | One 3/4" or more |
| Water meters | Yes | Yes | No | Yes | Yes | No | No | No | Yes |
| Telephone | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Cable TV | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Internet | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| Fire extinguisher | No | No | No | No | No | Yes—up to 20 lbs | No | No | No |
| Life ring | No | No | No | No | No | Yes—24" | No | No | No |
| Alarm and strobe light | No | No | No | No | No | Yes | No | No | No |
| 20 A 110 V GFI | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| 30 A 125 V twist—lock | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| 50 A 125/250 V twist—lock | Yes | Yes | Yes | Yes | Yes | No | No | No | Yes |
| 100 A 120/240 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 100 A 120/208 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 100 A 277/480 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 100 A 480 V pin and sleeve | Yes | Yes | No | No | Yes | No | No | No | Yes |
| 200 A 480 V pin and sleeve | No | No | No | No | Yes | No | No | No | Yes |
| Hardwire compatible | No | No | No | No | No | No | No | No | Yes |
| TVSS compatible | Yes | Yes | No | No | Yes | No | No | No | Yes |
| Card swipe compatible | Yes | Yes | No | Yes | Yes | No | No | No | Yes |
| Security camera compatible | No | No | No | No | No | No | No | Yes | No |
| Busbar rating | Up to 500 A | Up to 500 A | Up to 140 A | Up to 140 A | Up to 500 A | — | — | — | Up to 800 A |
| Maximum wire size—single feed | 350 kcmil | 350 kcmil | #2/0 | #2/0 | 350 kcmil | — | — | — | (3) 500 kcmil |
| Maximum wire size—loop feed | #4/0 | #4/0 | #1 | #1 | 350 kcmil | — | — | — | (3) 500 kcmil |
| Height | 44" | 40" | 30" | 36" | 48" | 43.5" | 24" to 72" | 72" to 96" | 50" |
| Width | 13.75" | 9.875" | 7.5" | 10.5" | 14" | 9.875" | 7" | 9" | 50" |
| Depth | 13.75" | 9.875" | 7.5" | 14.5" | 14" | 9.875" | 7" | 9" | 36" |
| Warranty | | | | | | | | | |
| Housing | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime | Limited lifetime |
| Receptacles and breakers | 2 years | 2 years | 2 years | 2 years | 2 years | — | — | — | 2 years |
| Lighting assembly | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | 1 year | — | 1 year |

Receptacles

| Side One | | Side Two | |
|-----------------|-----------------|-----------------|-----------------|
| None | None | None | None |
| 30 A | None | None | None |
| 30 A | 30 A | None | None |
| 30 A | None | 30 A | None |
| 30 A | 30 A | 30 A | 30 A |
| 30 A | 50 A | None | None |
| 30 A | None | 50 A | None |
| 30 A | 50 A | 30 A | 50 A |
| 50 A | None | None | None |
| 50 A | 50 A | None | None |
| 50 A | None | 50 A | None |
| 50 A | 50 A | 50 A | 50 A |
| 100 A 120/240 V | None | None | None |
| 100 A 120/240 V | None | 50–50 A | None |
| 100 A 120/240 V | None | 100 A 120/240 V | None |
| 100 A 120/240 V | 50–50 A | 100 A 120/240 V | 50–50 A |
| 100 A 120/208 V | None | None | None |
| 100 A 120/208 V | None | 100 A 120/240 V | None |
| 100 A 120/240 V | 100 A 120/240 V | 100 A 120/240 V | 100 A 120/240 V |
| 100 A 120/208 V | 100 A 120/208 V | 100 A 120/208 V | 100 A 120/208 V |
| 100 A 120/240 V | 100 A 120/240 V | 100 A 120/208 V | 100 A 120/208 V |

Receptacle Configuration Availability

| Lighthouse | Lighthouse-SS | Admiral-SS | Hatteras Light | Newport Harbor Mate |
|--|---------------|------------|----------------|---------------------|
| Receptacle Available with GFI Receptacles | | | | |
| Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | No | Yes |
| Yes | Yes | Yes | Yes | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | Yes |
| Yes | Yes | Yes | Yes ① | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | Yes | Yes |
| Yes | Yes | Yes | No | Yes |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| No | No | Yes | No | No |
| Yes | Yes | Yes | No | No |
| Yes | Yes | Yes | No | No |
| No | No | Yes | No | No |
| No | No | Yes | No | No |
| No | No | Yes | No | No |

Note

① Configuration available with no additional GFI receptacles.

Lighthouse



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Lighthouse

Product Description

One of our most popular units, the all-purpose Lighthouse® pedestal has a wide range of features. With units in service around the world, this stylish power pedestal is recognized for its practicality and exceptional durability.

Engineered to withstand the most severe weather conditions, Lighthouse power pedestals can be found in marinas from Alaska to the tropics.

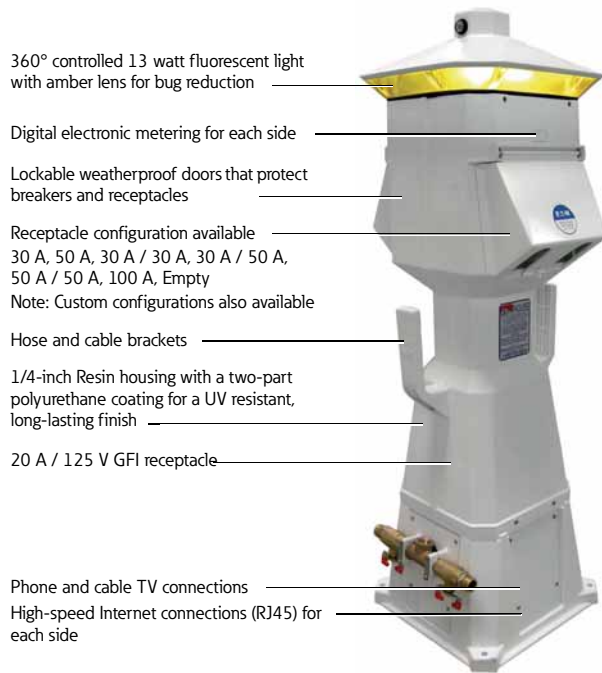
Note: Custom paint color.

Note: Wireless remote reading of electronic kilowatt meters.

Note: Clear lens.

Features, Benefits and Functions

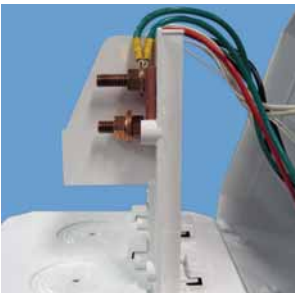
- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- Lockable weatherproof doors that protect breakers and receptacles while in use (a requirement of NFPA 303 and NEC Article 555)
- Hose and cable brackets
- Heavy resin housing with a two-part polyurethane coating for a UV-resistant, long-lasting finish
- Copper busbar with ratings from 250 to 500 A
- New “hingeless” base providing easy access for both installation and maintenance
- Backlit faceplate for easy receptacle plug-in at night

Lighthouse**Available Options**

- Digital electronic metering (one, two or three element meters available)
- Built-in meter socket
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- High-speed Internet connections
- Wireless remote metering for electric and water
- Transient voltage surge suppressor (TVSS) to protect from voltage surges, spikes or lightning on the AC power line (extends warranty on internal parts to three years)
- Stainless steel door hinge on receptacle main doors
- Single or dual steel 1/4-turn ball valves with 3/4-inches
- Hose bibs and stainless steel handles
- Single or dual phone and/or cable TV connections
- Base cap
- Base extension
- LED lighting



Copper Busbar with Ratings from 250 to 500 A



Cable and Internet Connections



New Hingeless Base



Optional Meter Socket

Catalog Number Selection

L D U 4 7 0 0 0 0 0 0 1 2 K M

5

| Type |
|----------------|
| L = Lighthouse |
| S = LHSS |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Metering Type |
|--|
| U = Unmetered |
| D = Digital electronic meters (side one) |
| T = Digital electronic meters (side two) |
| B = Digital electronic meters (both sides) |
| R = Receptacles metered individually |
| M = One meter socket (100 A) |
| N = Two meter socket (100 A each) |
| V = 200 A meter socket |

| Sides and Receptacles | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|
| R1S1 | R2S1 | R3S1 | R4S1 | R1S2 | R2S2 | R3S2 | R4S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None
 1 = 20 A GFI duplex
 2 = 30 A, 125 V
 3 = 50 A, 125 V
 4 = 50 A, 125/250 V
 5 = 100 A, 208 V
 6 = 100 A, 250 V
 7 = 100 A, 277/480 V
 8 = 100 A, 480 V

Water Option ^①

| |
|------------------------|
| 0 = 0 |
| 1 = 1 |
| 2 = 2 |
| 3 = Single water meter |
| 4 = Dual water meter |
| 5 = Single meter, 2 V |
| 6 = 1 frost free |
| 7 = 2 frost free |

Extra Unmetered GFI Receptacles ^②

| |
|----------|
| 0 = None |
| 1 = 1 |
| 2 = 2 |

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|-----------------|
| Phone Jack | Cable TV Jack | Internet Option |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Bus |
|---|
| S = Single-phase 3/8-inch copper busbar |
| F = Three-phase 3/8-inch copper busbar |
| C = Single-phase 3/8-inch Canadian busbar |
| T = Three-phase 3/8-inch Canadian busbar |
| M = Single-phase 300 kcmil mechanical lug bus |
| Z = Three-phase 300 kcmil mechanical lug bus |
| L = Single-phase 350 kcmil mechanical lug bus |
| P = Three-phase 350 kcmil mechanical lug bus |
| N = Single-phase 1/4-inch copper busbar |
| Q = Single-phase 1/4-inch split mechanical busbar |

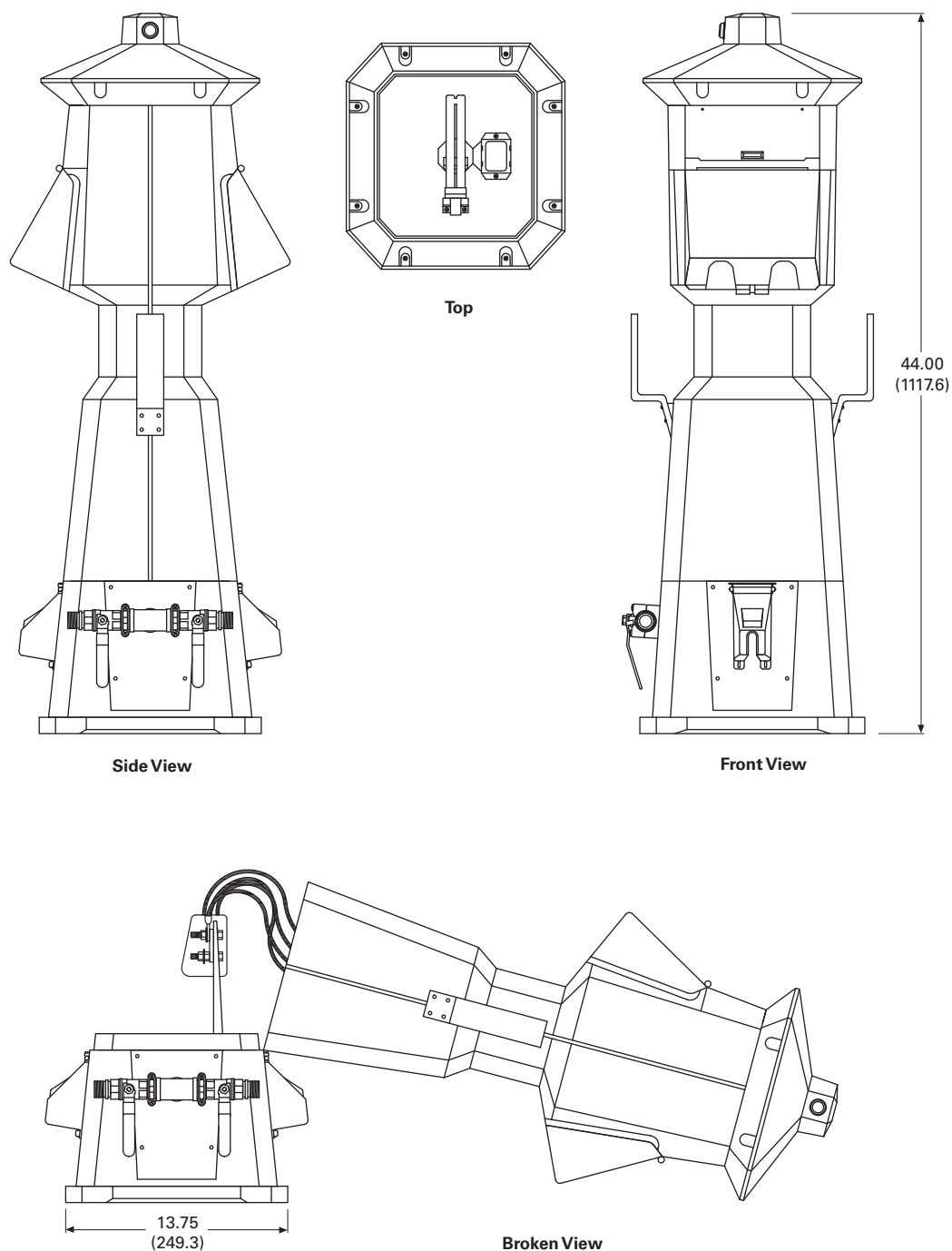
Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2

Notes

- ^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.
^② Quantity of 20 A GFI duplex receptacles.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Lighthouse

Lighthouse—SS**Contents**

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Lighthouse—SS**Product Description**

The Lighthouse—SS offers the same standard features and available options as the standard Lighthouse. But, like all of the stainless steel products manufactured here, the Lighthouse—SS is made with high-quality 316L stainless steel for superior quality and performance.

Note: 20/125 A GFI receptacle.

Note: Wireless remote reading of electronic kilowatt meters.

Note: Clear lens.

Note: Meter socket for each side powered (to accept glass style meter).

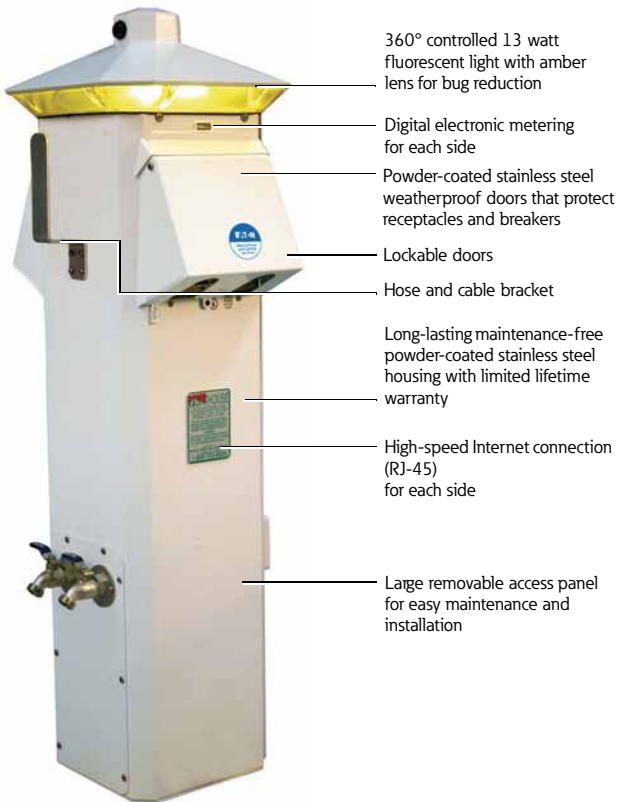
Note: Receptacle configurations available:

30 A
 30 A / 30 A
 30 A / 50 A
 50 A / 50 A
 100 A (single-phase) 120/240 V
 100 A (three-phase) 120/208 V
 200 A (three-phase) 480 V

Features, Benefits and Functions

- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- Available with lockable weatherproof doors
- Hose and cable brackets
- Long-lasting maintenance-free 316L stainless steel housing with limited lifetime warranty
- Copper busbar with ratings from 250 to 500 A
- Large removable access panel for easy maintenance and installation
- Backlit faceplate for easy receptacle plug-in at night

Lighthouse-SS



Available Options

- Digital electronic metering (one, two or three element meters available)
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- High-speed Internet connection
- Wireless remote metering available for water and electricity
- Transient voltage surge suppressor (TVSS) to protect from voltage surges, spikes or lightning on the AC power line (extends warranty on internal parts to three years)
- Single or dual phone and/or cable TV connections
- Single or dual 3/4-inch hose bibs with stainless steel
- Handles LED lighting



Phone and Cable TV Connections



New Door



Copper Busbar with Ratings from 250 to 500 A



Backlit Faceplate to Aid in Hooking Up at Night

Catalog Number Selection

L D U 4 7 0 0 0 0 0 0 1 2 K M

| Type |
|----------------|
| L = Lighthouse |
| S = LHSS |

Lighting and Lens Color

| | |
|---------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

Metering Type

| |
|--|
| U = Unmetered |
| D = Digital electronic meters (side one) |
| T = Digital electronic meters (side two) |
| B = Digital electronic meters (both sides) |
| R = Receptacles metered individually |
| M = One meter socket (100 A) |
| N = Two meter socket (100 A each) |
| V = 200 A meter socket |

Sides and Receptacles

| R1S1 | R2S1 | R3S1 | R4S1 | R1S2 | R2S2 | R3S2 | R4S2 |
|------|------|------|------|------|------|------|------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

| |
|----------------------|
| 0 = None |
| 1 = 20 A GFI duplex |
| 2 = 30 A, 125 V |
| 3 = 50 A, 125 V |
| 4 = 50 A, 125/250 V |
| 5 = 100 A, 208 V |
| 6 = 100 A, 250 V |
| 7 = 100 A, 277/480 V |
| 8 = 100 A, 480 V |

Water Option ^①

| |
|------------------------|
| 0 = 0 |
| 1 = 1 |
| 2 = 2 |
| 3 = Single water meter |
| 4 = Dual water meter |
| 5 = Single meter, 2 V |
| 6 = 1 frost free |
| 7 = 2 frost free |

Extra Unmetered GFI Receptacles ^②

| |
|----------|
| 0 = None |
| 1 = 1 |
| 2 = 2 |

Phone Cable TV and Internet Options

| Phone Jack | Cable TV Jack | Internet Option |
|------------|---------------|-----------------|
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

Bus

| |
|---|
| S = Single-phase 3/8-inch copper busbar |
| F = Three-phase 3/8-inch copper busbar |
| C = Single-phase 3/8-inch Canadian busbar |
| T = Three-phase 3/8-inch Canadian busbar |
| M = Single-phase 300 kcmil mechanical lug bus |
| Z = Three-phase 300 kcmil mechanical lug bus |
| L = Single-phase 350 kcmil mechanical lug bus |
| P = Three-phase 350 kcmil mechanical lug bus |
| N = Single-phase 1/4-inch copper busbar |
| Q = Single-phase 1/4-inch split mechanical busbar |

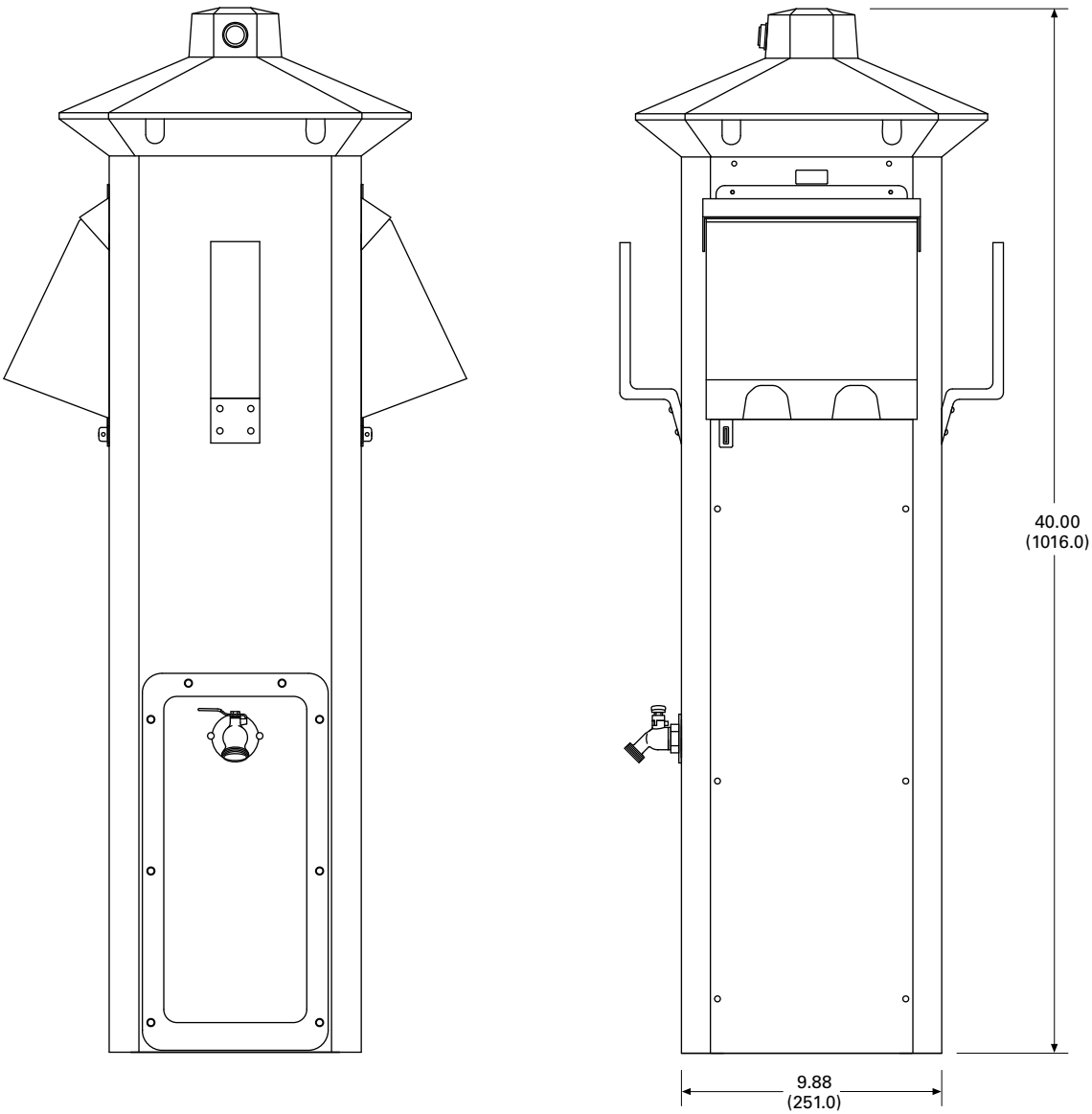
Receptacle: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2

Notes

- ^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.
^② Quantity of 20 A GFI duplex receptacles.

AccessoriesSee **Page V1-T5-75.****Dimensions**

Approximate Dimensions in Inches (mm)

Lighthouse-SS

Admiral-SS



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| Admiral-SS | |
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| Accessories | V1-T5-64 |
| Dimensions | V1-T5-64 |
| Newport Harbor Mate | V1-T5-65 |
| Hatteras Light | V1-T5-69 |
| Firehouse | V1-T5-73 |
| Smart Start | V1-T5-79 |
| Mariner | V1-T5-80 |
| Digital Electronic Kilowatthour Meters | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor | V1-T5-82 |
| Distribution Equipment—Mega Yacht Powerpoint | V1-T5-83 |
| Distribution Equipment—Substations | V1-T5-86 |
| Distribution Equipment—Panels | V1-T5-89 |
| Distribution Equipment—Transformers | V1-T5-90 |

Admiral-SS

Product Description

Truly the flagship of our unitized pedestal line, the Admiral-SS possesses amperage capabilities up to 500 A and voltages of 480/277 three-phase, 120/240 single-phase and combinations of these receptacles all in one unit to serve nearly any size Mega Yacht.

Features

- Heavy 316L stainless steel housing that is powder coated with a polyester resin
- Photocell controlled 13 watt fluorescent light with clear lens that provides 360 degrees of lighting

Available Options

- Dual phone and/or cable TV connections
- Four 100 A receptacles of any two voltage combinations such as 277/480 three-phase, 120/208 three-phase or 120/240 single-phase
- 200 A / 480 V receptacles
- when the 100 A 120/240 V receptacles are used, two 50 A 120/240 V receptacles can also be provided for a total of 500 A
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- Single or dual Cat5 high-speed Internet connections
- Single or dual water 1/4-turn ball valves with 3/4-inch hose bibs and stainless steel handles
- Digital metering available
- Wireless remote metering available for water and electricity
- LED lighting

Catalog Number Selection

A D U 4 7 0 0 0 0 0 1 2 K M

| Type | |
|----------------|--|
| A = Admiral-SS | |

| Lighting and Lens Color | |
|-------------------------|---------|
| A = 7 W light | Amber |
| B = Dual 7 W light | Amber |
| C = 9 W light | Amber |
| D = 13 W light | Amber |
| E = Dual 13 W light | Amber |
| F = No lighting | Amber |
| G = 7 W light | Clear |
| H = Dual 7 W light | Clear |
| I = 9 W light | Clear |
| J = 13 W light | Clear |
| K = Dual 13 W light | Clear |
| L = No lighting | Clear |
| M = 7 W light | Special |
| N = Dual 7 W light | Special |
| O = 9 W light | Special |
| P = 13 W light | Special |
| Q = Dual 13 W light | Special |
| R = No lighting | Special |
| S = 350 MA LED | Amber |
| T = 700 MA LED | Amber |
| U = 350 MA LED | Clear |
| V = 700 MA LED | Clear |
| W = 350 MA LED | Special |
| Y = 700 MA LED | Special |

| Sides and Receptacles | | | | | | | |
|-----------------------|------|------|------|------|------|------|------|
| R1S1 | R2S1 | R3S1 | R4S1 | R1S2 | R2S2 | R3S2 | R4S2 |
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |

0 = None
 1 = 20 A GFI duplex
 2 = 30 A, 125 V
 3 = 50 A, 125 V
 4 = 50 A, 125/250 V
 5 = 100 A, 208 V
 6 = 100 A, 250 V
 7 = 100 A, 277/480 V
 8 = 100 A, 480 V

| Water Option ^① | |
|---------------------------|----------------------|
| 0 | = 0 |
| 1 | = 1 |
| 2 | = 2 |
| 3 | = Single water meter |
| 4 | = Dual water meter |
| 5 | = Single meter, 2 V |

| Extra Unmetered GFI Receptacles | |
|---------------------------------|--------|
| 0 | = None |
| 1 | = 1 |
| 2 | = 2 |

| Phone Cable TV and Internet Options | | |
|-------------------------------------|---------------|------------------------------|
| Phone Jack | Cable TV Jack | Internet Option ^② |
| A = 1 | 0 | 0 |
| B = 1 | 0 | 1 |
| C = 1 | 0 | 2 |
| D = 1 | 1 | 0 |
| E = 1 | 1 | 1 |
| F = 1 | 1 | 2 |
| G = 1 | 2 | 0 |
| H = 1 | 2 | 1 |
| I = 1 | 2 | 2 |
| J = 2 | 0 | 0 |
| K = 2 | 0 | 1 |
| L = 2 | 0 | 2 |
| M = 2 | 1 | 0 |
| N = 2 | 1 | 1 |
| O = 2 | 1 | 2 |
| P = 2 | 2 | 0 |
| Q = 2 | 2 | 1 |
| R = 2 | 2 | 2 |
| S = 0 | 2 | 2 |
| T = 0 | 0 | 1 |
| U = 0 | 0 | 2 |
| V = 0 | 1 | 0 |
| W = 0 | 1 | 1 |
| X = 0 | 1 | 2 |
| Y = 0 | 2 | 0 |
| Z = 0 | 2 | 1 |
| 0 = 0 | 0 | 0 |

| Bus | |
|-----|---|
| S | = Single-phase 3/8-inch copper busbar |
| F | = Three-phase 3/8-inch copper busbar |
| C | = Single-phase 3/8-inch Canadian busbar |
| T | = Three-phase 3/8-inch Canadian busbar |
| M | = Single-phase 300 kcmil mechanical lug bus |
| Z | = Three-phase 300 kcmil mechanical lug bus |
| L | = Single-phase 350 kcmil mechanical lug bus |
| P | = Three-phase 350 kcmil mechanical lug bus |
| N | = Single-phase 1/4-inch copper busbar |
| Q | = Single-phase 1/4-inch split mechanical busbar |
| D | = Dual-phase busbar |

| Metering Type | |
|---------------|--|
| U | = Unmetered |
| D | = Digital electronic meters (side one) |
| T | = Digital electronic meters (side two) |
| B | = Digital electronic meters (both sides) |
| M | = One meter socket (100 A) |
| N | = Two meter socket (100 A each) |
| V | = 200 A meter socket |

Receptacles: R1S1 = Receptacle 1, Side 1
 R2S1 = Receptacle 2, Side 1
 R3S1 = Receptacle 3, Side 1
 R4S1 = Receptacle 3, Side 1
 R1S2 = Receptacle 1, Side 2
 R2S2 = Receptacle 2, Side 2
 R3S2 = Receptacle 3, Side 2
 R4S2 = Receptacle 3, Side 2

Notes

^① Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.

^② Number represents the quantity of RJ-45 high-speed Internet jacks.

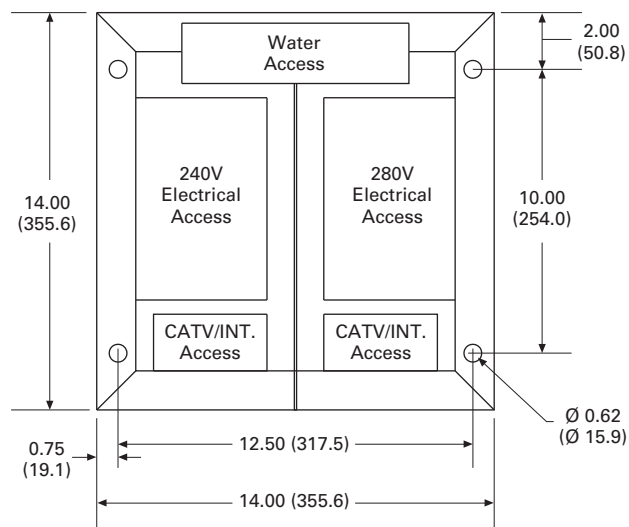
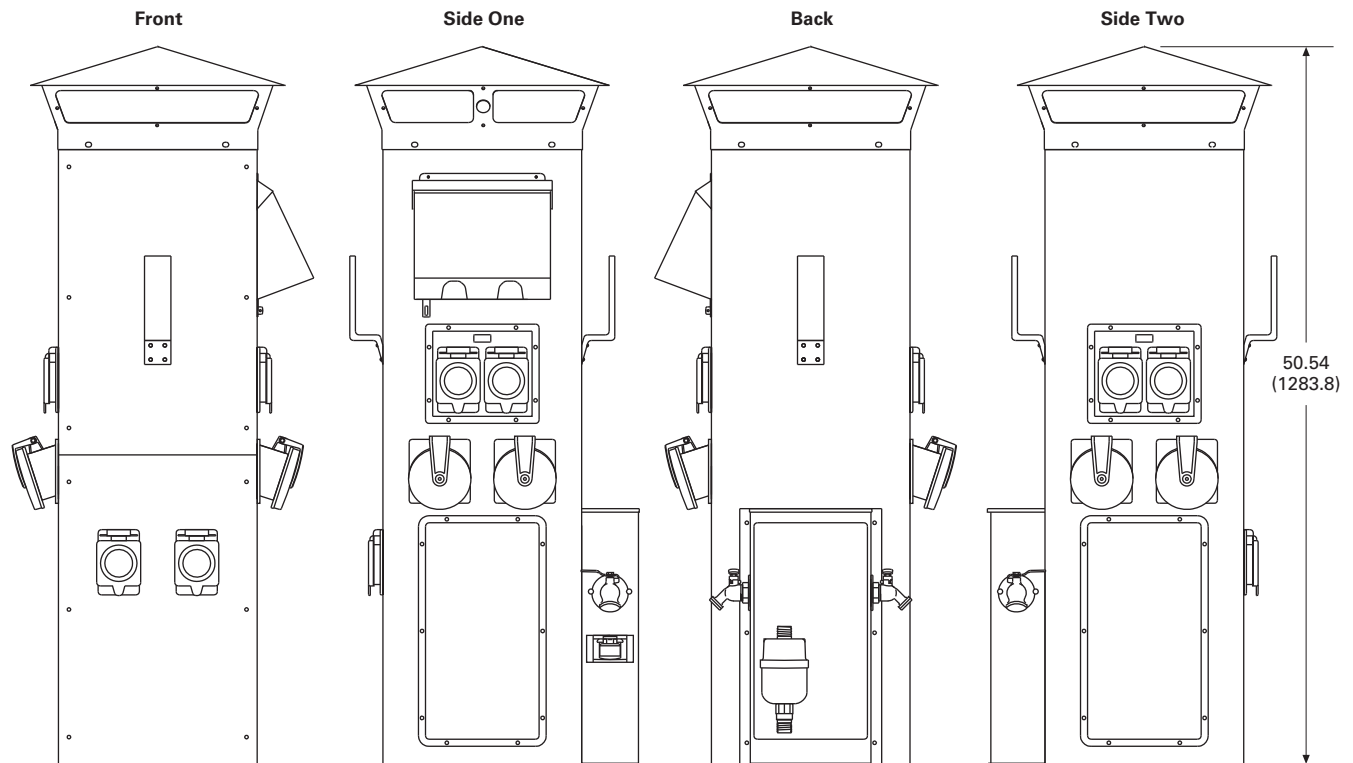
Internet option also available. Contact factory for details.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Admiral-SS

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**Base Footprint**

Newport Harbor Mate**Contents**

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| Distribution Equipment—Substations. | V1-T5-86 |
| Distribution Equipment—Panels. | V1-T5-89 |
| Distribution Equipment—Transformers. | V1-T5-90 |

Newport Harbor Mate**Product Description**

Five years of development and 30 prototype models have yielded this unit the most innovative mini-power center available. Host to a variety of electrical services, contained in a compact yet strong housing, the Newport Harbor Mate is packed with features.

Features, Benefits and Functions

- Tough and durable resin housing with UV inhibitor for lasting finish
- Photocell controlled 7 and 9 watt fluorescent light (clear lens or amber lens for bug reduction)
- Designed to mount on a dock box, piling or stainless steel stand
- Copper busbar with a maximum rating of 140 A

Newport Harbor Mate (Shown with Optional Stand)

Tough and durable resin housing with UV inhibitor for lasting finish

Available with single, dual or combo of 30 or 50 A receptacles

20 A / 125 V GFI receptacle

Phone, cable TV, high-speed

Internet connections

Digital electronic meter

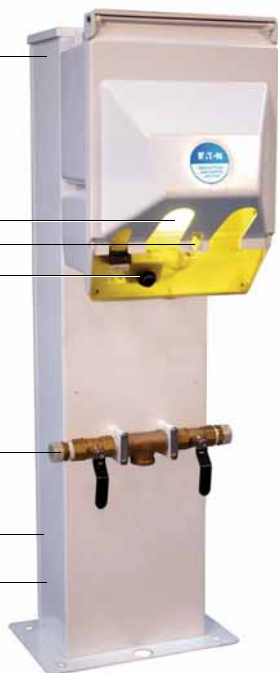
Lockable weatherproof door that protects receptacles and breakers

Photocell controlled 7 watt fluorescent light with amber lens for bug reduction

Single or dual 1/2-turn brass ball valve with 3/4-inch hose bibs

Stainless steel stand

Designed to mount on a dock box, piling, wall or optional stand (shown in photo)

**Available Options**

- Available with single, dual or combination of 30 A or 50 A receptacles
- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- Single or dual phone, cable TV, high-speed Internet connections
- Electronic metering (one or two element meters available)
- 316L stainless steel stand
- LED lighting

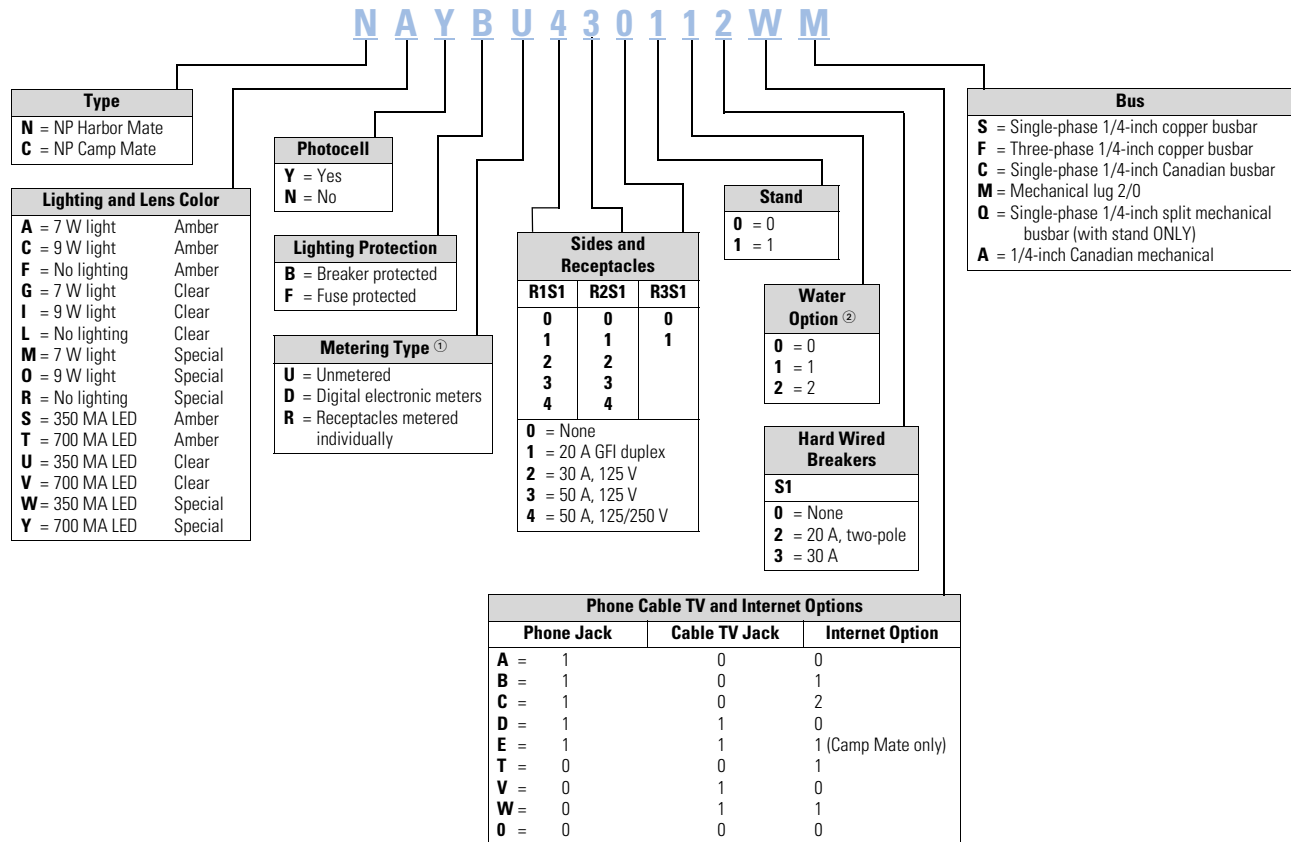


Mounting Option



Backlit Faceplate

Catalog Number Selection



Receptacles: R1 = Receptacle 1
 R2 = Receptacle 2

Notes

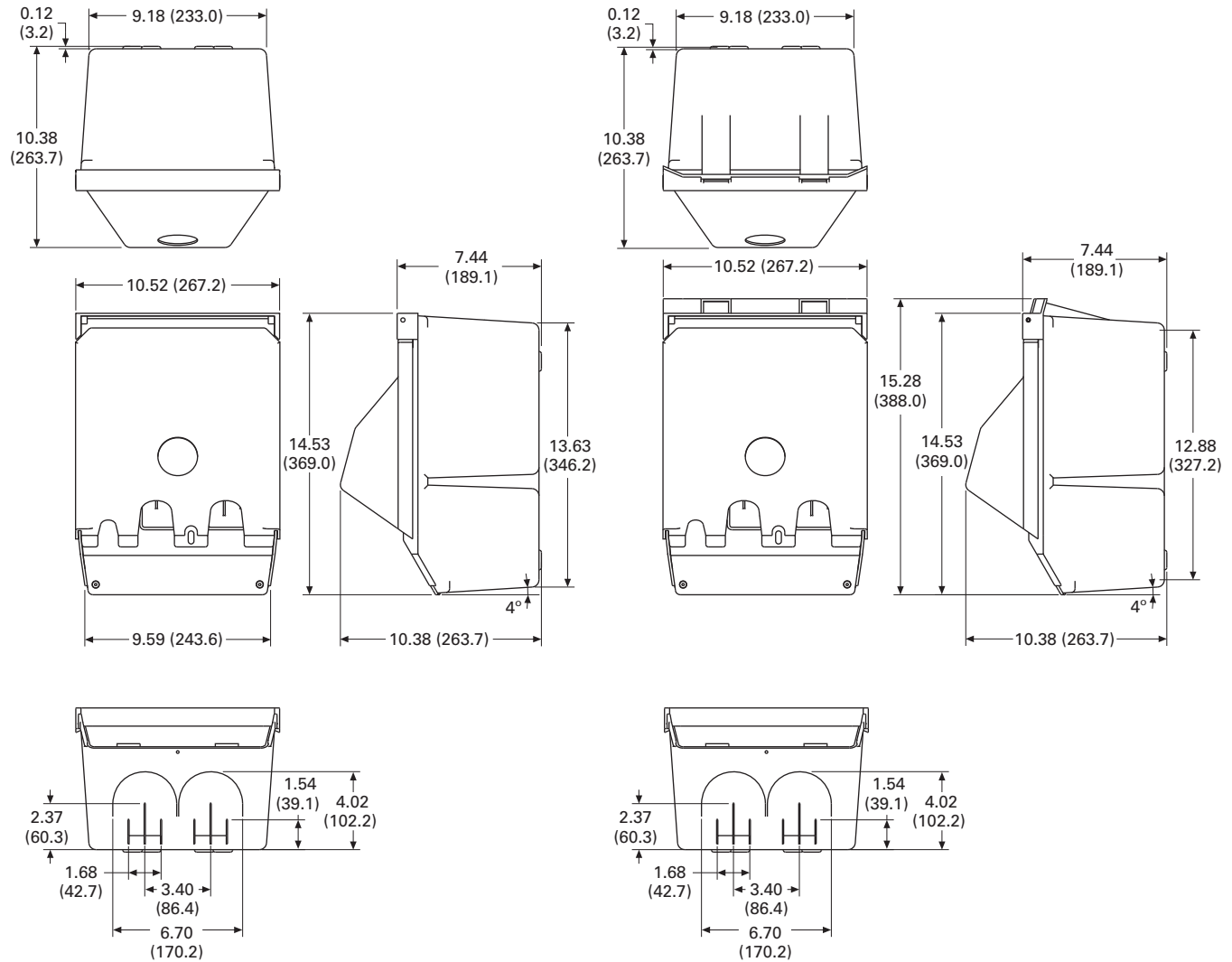
- ① 20 A GFIs not metered.
 ② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs (with stand only).

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Newport Harbor Mate

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**Newport Redesign****Newport Redesign With Meters**

Hatteras Light**Contents****Description****Page**

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| Hatteras Light | |
| Available Options | V1-T5-70 |
| Catalog Number Selection. | V1-T5-71 |
| Accessories | V1-T5-72 |
| Dimensions | V1-T5-72 |
| Firehouse | V1-T5-73 |
| Smart Start | V1-T5-79 |
| Mariner | V1-T5-80 |
| Digital Electronic Kilowatthour Meters | V1-T5-81 |
| Distribution Equipment—Ground Fault Monitor . . | V1-T5-82 |
| Distribution Equipment—Mega Yacht Powerpoint | V1-T5-83 |
| Distribution Equipment—Substations. | V1-T5-86 |
| Distribution Equipment—Panels. | V1-T5-89 |
| Distribution Equipment—Transformers. | V1-T5-90 |

Hatteras Light**Product Description**

The Hatteras® Light is an elegant and low cost alternative to the Lighthouse. It uses the same 360 degree light assembly as the Lighthouse, yet is only 30 inches tall. Thousands of these attractive pedestals are found not only in marinas, but also around pools, deck areas, boardwalks and landscape areas. The housing will never rust or corrode and comes with a limited lifetime warranty. This unit is popular for smaller slips at marinas with the Lighthouse and for private docks.

Note: Wireless remote reading of electronic kilowatt meters.

Note: Clear lens.

Note: Custom paint color.

Features, Benefits and Functions

- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- Circuit breakers
- Heavy resin housing with a two-part polyurethane coating for a UV resistant, long-lasting finish
- Copper busbar with a maximum rating of 140 A

Hatteras Light

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Available Options

- 20 A / 125 V GFI receptacle (max. of two GFI receptacles per pedestal)

Note: 20 A GFI receptacles are not to be used for shore power.

- Digital electronic metering (one or two element meter available)
- Single or dual phone, cable TV, high-speed Internet connections
- Single or dual 1/2-inch or 3/4-inch silcock with stainless steel handles
- LED lighting



Copper Busbar with Ratings up to 140 A

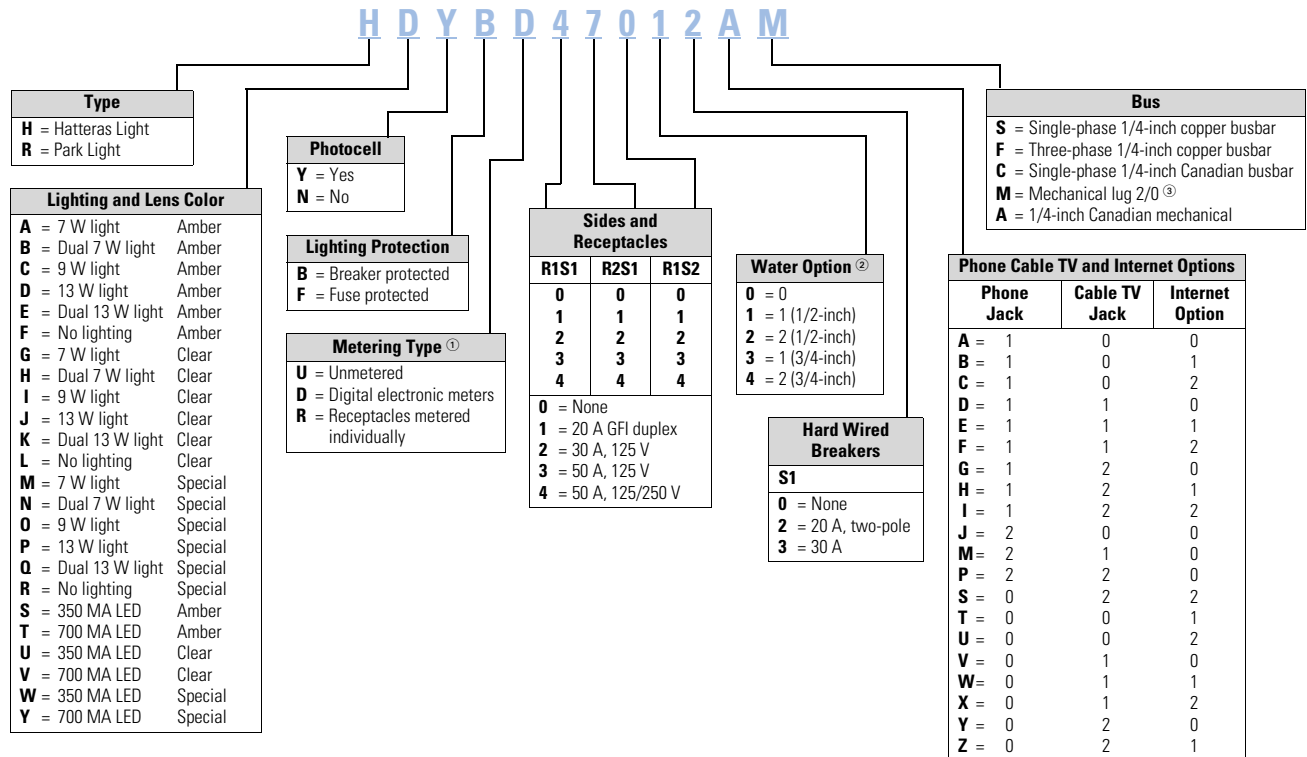


20 A / 125 V GFI Receptacle



Faceplate

Catalog Number Selection



Receptacles: R1 = Receptacle 1
 R2 = Receptacle 2

Notes

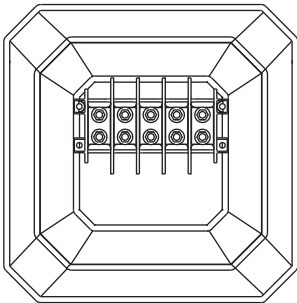
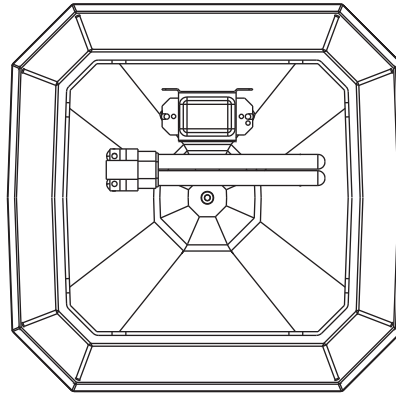
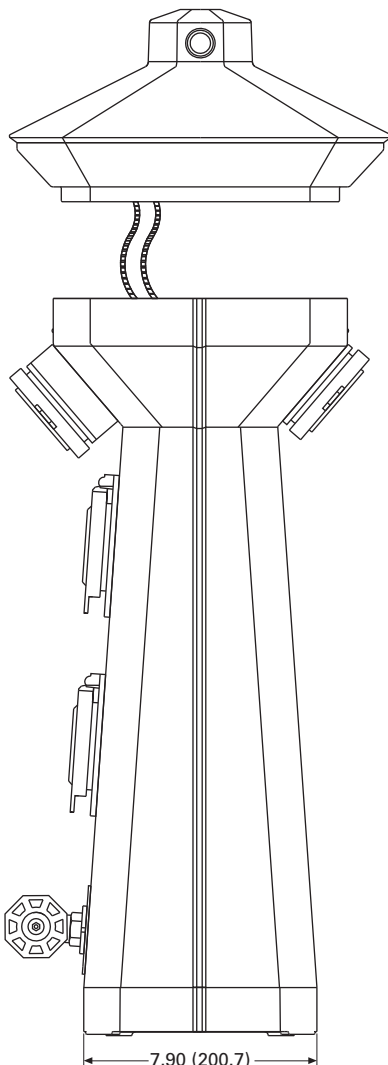
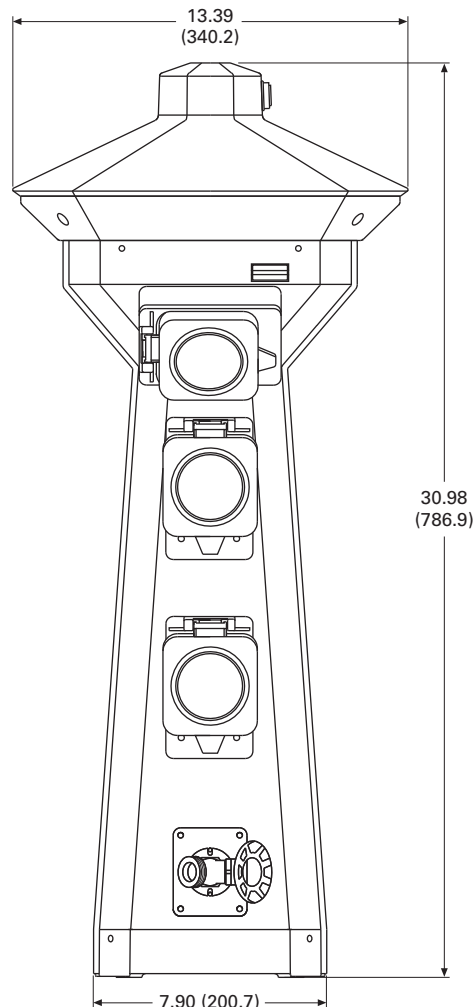
- ① 20 A GFIs not metered.
 ② Number represents the quantity of 1/4-turn ball valves with 3/4-inch hose bibs.
 ③ Wire size #2/0 kcmil or less.

AccessoriesSee **Page V1-T5-75**.**Dimensions**

Approximate Dimensions in Inches (mm)

Hatteras

5

**Busbar Access Top Removed****Inside Top****Side View****Front View**

Firehouse**Contents****Description**

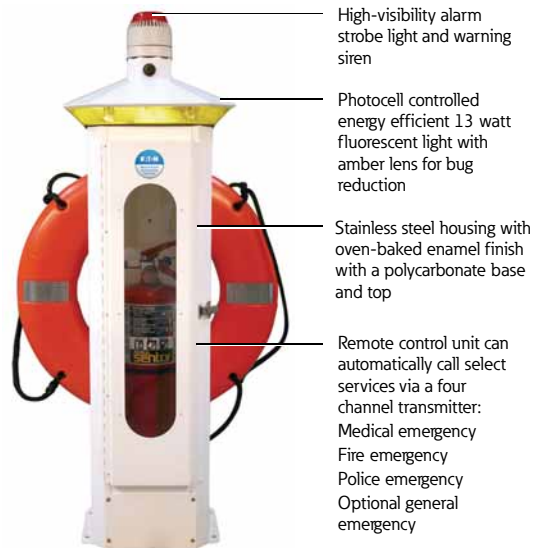
| | Page |
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Firehouse**Product Description**

Created as a complete solution for fire and rescue needs, this pedestal features fire extinguisher storage and a mounted alarm strobe light and siren, as well as an optional life ring. This unit is well equipped for any marina emergency. The alarm strobe light and siren can be automatically activated when the door is open or optional life ring is removed.

Features, Benefits and Functions

- Alarm strobe light and siren: automatically activated when door is open or optional life ring is removed
- Photocell controlled 13 watt fluorescent light (clear lens or amber lens for bug reduction)
- 10 lb ABC Type fire extinguisher
- 316L stainless steel polyester powder-coated housing
- Polycarbonate top assembly

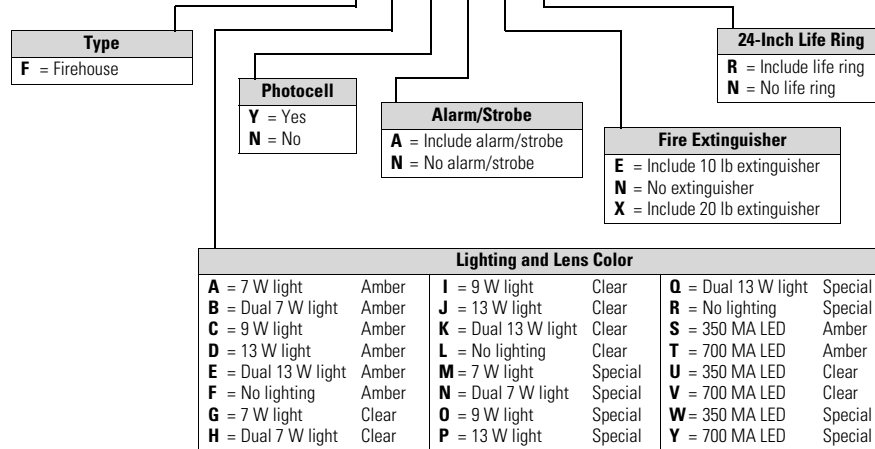
Firehouse

Available Options

- 24-inch life ring
- 20 lb ABC Type fire extinguisher available

Catalog Number Selection

F A Y A E N



Accessories

Accessories for Custom Design Marina Products, Resin and Stainless Steel Pedestals and Power Products**Replacement Parts Catalog Numbers**

| Description | Catalog Number |
|---|----------------|
| Receptacles | |
| 20 A GFCI duplex | MPL3038 |
| 30 A 125 V twistlock | MPL3039 |
| 50 A 125 V twistlock | MPL3040 |
| 50 A 125/250 V twistlock | MPL3045 |
| 100 A 120/240 V pin and sleeve | MPL4100R12W |
| 100 A 120/208 V pin and sleeve | MPL5100R9W |
| 100 A 480 V four-wire pin and sleeve | MPL4100R7W |
| 100 A 480 V five-wire pin and sleeve | MPL5100R7W |
| 200 A 277/480 V pin and sleeve (Russellstoll®) | MPL4200R7W |
| 30 A 125 V RV | RV3042 |
| 50 A 125/250 V RV | RV3043 |
| Circuit Breakers | |
| 20 A 125 V single-pole | QCF1020 |
| 20 A 125 V single-pole GFCI | QCGF1020 |
| 30 A 125 V single-pole | QCF1030 |
| 30 A 125 V single-pole GFCI | QCGF1030 |
| 50 A 125 V single-pole | QCF1050 |
| 20 A 125/250 V two-pole | QCF2020 |
| 20 A 125/250 V two-pole GFCI | QCGF2020 |
| 30 A 125/250 V two-pole | QCF2030 |
| 30 A 125/250 V two-pole GFCI | QCGF2030 |
| 50 A 125/250 V two-pole | QCF2050 |
| 50 A 125/250 V two-pole GFCI | QCGF2050 |
| 60 A 125/250 V two-pole | QCF2060 |
| 100 A 125/250 V two-pole | GHC2100D |
| 100 A 120/208 V three-pole | GHC3100D |
| 200 A 277/480 V three-pole | JT2200FA |
| Fluorescent Light Assembly | |
| 13 watt 120 V 60 Hz ballast | MPL2400 |
| 7 watt 120 V 60 Hz ballast | MPL2401 |
| 13 watt socket | MPL3079 |
| 7 watt socket | MPL3077 |
| 13 watt fluorescent bulb | MPL3018 |
| 7 watt fluorescent bulb | MPL3019 |
| Photocell | MPL3044 |
| Photocell nuts | MPL3034 |
| Lighthouse in-line fuse | MPL3026 |
| Lighthouse in-line fuse holder | MPL3027 |
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS, Hatteras, Park Light | |
| Top with complete light and lens assembly | MPL6003A |
| Top with complete light and lens assembly—fused | MPL6003FA |
| Top only | MPL6003 |
| Amber lens | MPL6005 |
| Clear lens | MPL6008 |

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|--|----------------|
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS, Hatteras, Park Light, continued | |
| 20 A GFCI receptacle external cover set | MPL1101 |
| 30 A receptacle external cover set | MPL1102 |
| 50 A receptacle external cover set | MPL1105 |
| Single-pole external breaker cover set | MPL11061 |
| Two-pole external breaker cover set | MPL11062 |
| Three-pole external breaker cover set | MPL11063 |
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS | |
| Lighthouse/Powerhouse pedestal main housing | MPL6006 |
| Lighthouse-SS/Powerhouse-SS pedestal main housing | MPL6006S |
| Lighthouse/Powerhouse main door | MPL6007 |
| Lighthouse-SS/Powerhouse-SS main door | MPL6007S |
| Lighthouse/Powerhouse spring closure | MPL1099 |
| Lighthouse Powerhouse top isolation plate | MPL6012 |
| Lighthouse/Lighthouse-SS breaker plate | MPL1141 |
| Powerhouse/Powerhouse-SS breaker plate | RV1112 |
| Lighthouse/Lighthouse-SS/Powerhouse/Powerhouse-SS Hose and cable brackets | MPL1087 |
| Lighthouse/Powerhouse stainless steel hinge | MPL1088 |
| Lighthouse/Powerhouse complete pedestal base with busbar assembly | MPL6004A |
| Lighthouse/Powerhouse complete pedestal base with three-phase busbar assembly | MPL6004FA |
| Lighthouse/Powerhouse pedestal base without busbars | MPL6004 |
| Lighthouse/Powerhouse aluminum blank access panel | MPL5500 |
| Lighthouse/Lighthouse-SS/Powerhouse/Powerhouse-SS complete busbar assembly | MPL1140A |
| Lighthouse/Lighthouse-SS/Powerhouse/Powerhouse-SS complete three-phase busbar assembly | MPL1140FA |
| Copper busbar with nuts and washers | MPL3471 |
| 20 A GFCI—00 amber resin faceplate | MPL1120 |
| 30 A—20 GFCI amber resin faceplate | MPL1121 |
| 30—50 A amber resin faceplate | MPL1122 |
| 30—30 A amber resin faceplate | MPL1127 |
| 30—00 A amber resin faceplate | MPL1129 |
| 50—50 A amber resin faceplate | MPL1123 |
| 50 A—20 GFCI amber resin faceplate | MPL1124 |
| 20 GFCI—20 GFCI amber resin faceplate | MPL1125 |
| 00—00 amber resin faceplate | MPL1126 |
| 50 A—00 amber resin faceplate | MPL1128 |
| 100 A faceplate | MPL1142 |
| 20 A GFCI—00 amber resin faceplate assembly with breakers | MPL1120A |
| 30 A—20 GFCI amber resin faceplate assembly with breakers | MPL1121A |
| 30—50 A amber resin faceplate assembly with breakers | MPL1122A |

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|---|-----------------------|
| Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS, continued | |
| 30–30 A amber resin faceplate assembly with breakers | MPL1127A |
| 50–50 A amber resin faceplate assembly with breakers | MPL1123A |
| 50 A—20 GFCI amber resin faceplate assembly with breakers | MPL1124A |
| 20 GFCI—20 GFCI amber resin faceplate assembly with breakers | MPL1125A |
| 50 A—00 amber resin faceplate assembly with breakers | MPL1128A |
| 30–00 A faceplate assembly with breakers | MPL1129A |
| 100 A faceplate assembly with breakers | MPL1142A |
| Powerhouse 30–50 receptacle plate | RV1143 |
| Powerhouse (30 A—00) receptacle plate | RV11433 |
| Powerhouse (50 A—00) receptacle plate | RV11435 |
| Powerhouse breaker plate | RV1112 |
| Phone, Cable, Internet Assemblies | |
| Lighthouse/Powerhouse complete phone and cable assembly | MPL1114/RV1114 |
| Lighthouse-SS/Powerhouse-SS/Hatteras Light/Park Light complete phone and cable assembly | MPL1119/RV1119 |
| Hatteras Light/Park Light complete phone and cable assembly | MPL1119 |
| Newport Harbor Mate/Camp Mate phone and cable insert assembly | MPL1115/RV1115 |
| Lighthouse/Powerhouse access plates with dual Internet jacks | MPL5501 |
| Coax cable TV FCF female adpt. with lugnut and washer | MPL1086 |
| RJ45 CAT5e high-speed internet jack | MPL3059 |
| Marine phone receptacle | MPL3037 |
| RJ12 CAT3 phone jack | RV3060 |
| Water Assemblies | |
| Lighthouse/Powerhouse complete water manifold assembly (dual 3/4-inch hose bibs with 1/4-turn ball valves) | MPL11A |
| Newport Harbor Mate/Newport Camp Mate water manifold assembly (dual 3/4-inch hose bibs with 1/4-turn ball valves) | MPL11C |
| 3/4-inch hose adapter | MPL7030 |
| Lighthouse/Powerhouse water mounting plate with mounting brackets | MPL1132 |
| Hatteras Light/Park Light aluminum water mounting plate | MPL6584 |
| 1/2-inch brass silcock (hose bib) | MPL7014 |
| 3/4-inch stainless steel silcock (hose bib) | MPL5271 |
| 3/4-inch brass ball valve | MPL7021 |
| Watts 3/4-inch backflow preventer | MPL7015 |

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|---|------------------------------|
| Digital Electronic Meters | |
| Single element, 14-pin quick disconnect (no CTs) | MPL17A1 |
| Single element, 14-pin quick disconnect (with CTs) | MPL17A2 ^① |
| Single element, 14-pin quick disconnect (with CTs) | MPL17A2 ^② |
| Dual element, 14-pin quick disconnect (no CTs) | MPL17B1 |
| Dual element, 14-pin quick disconnect (with CTs) | MPL17B2 ^① |
| Dual element, 14-pin quick disconnect (with CTs) | MPL17B2 ^② |
| Three element, 14-pin quick disconnect (no CTs) | MPL17C1 |
| Three element, 14-pin quick disconnect (with CTs) | MPL17C2 ^① |
| Three element, 14-pin quick disconnect (with CTs) | MPL17C2 ^② |
| Single element coil transformers (CTs) | MPL30321 ^① |
| Single element coil transformers (CTs) | MPL30321 ^② |
| Dual element coil transformers (CTs) | MPL30322 ^① |
| Dual element coil transformers (CTs) | MPL30322 ^② |
| Three element coil transformers (CTs) | MPL30323 ^① |
| Three element coil transformers (CTs) | MPL30323 ^② |
| Counter (large—old style) | MPL3022 |
| Counter (small—new style) | MPL3021 |
| Hatteras Light (Marina) and Park Light (RV) ^③ | |
| Pedestal main housing | MPL6002 |
| Copper busbar with nuts and washers | MPL3468 |
| Complete busbar assembly | MPL1108A |
| Complete three-phase busbar assembly | MPL1108FA |
| 20 A GFCI external cover door | MPL1101 |
| 30 A external cover door | MPL1102 |
| 50 A external cover door | MPL1105 |
| Light fuse | MPL3026 |
| Fuse holder | MPL3027 |
| Mounting feet (set of four) | MPL7004 |

Notes

- ① Lighthouse, Lighthouse-SS, Powerhouse, Powerhouse-SS.
 ② Hatteras Light, Park Light, Newport Camp Mate, Newport Harbor Mate.
 ③ Please contact factory to determine configurations for replacement housing.

Replacement Parts Catalog Numbers, continued

| Description | Catalog Number |
|--|------------------|
| Newport Harbor Mate (Marina) and Camp Mate (RV) | |
| Amber lens—three-piece | MPL1117 |
| Clear lens—three-piece | MPL1109 |
| Main housing | MPL6000 |
| Main door | MPL6001 |
| 30–30 A faceplate ① | MPL1135 |
| 30–50 A faceplate ① | MPL1136 |
| 50–50 A faceplate ① | MPL1137 |
| 50 A–00 faceplate ① | MPL1138 |
| 30 A–00 faceplate ① | MPL1139 |
| 30–30 A faceplate assembly with breakers ① | MPL1135A |
| 30–30–20 GFI faceplate assembly ① | MPL1135G/RV1135G |
| 30–50 A faceplate assembly with breakers ① | MPL1136A |
| 30–50–20 GFI faceplate assembly ① | MPL1136G/RV1136G |
| 50–50 A faceplate assembly with breakers ① | MPL1137A |
| 50–50–20 GFI faceplate assembly ① | MPL1137G/RV1137G |
| 50 A–00 faceplate assembly with breakers ① | MPL1138A |
| 50–20 GFI faceplate assembly ① | MPL1138G/RV1138G |
| 30 A–00 faceplate assembly with breakers ① | MPL1139A |
| 30–20 GFI faceplate assembly ① | MPL1139G/RV1139G |
| Mounting brackets | MPL7005 |
| 36-inch stainless steel stand | MPL5506 |
| Copper busbar with nuts and washers | MPL3468 |
| Complete busbar assembly | MPL1108A |
| Complete three-phase busbar assembly | MPL1108FA |
| Firehouse (Marina and RV) | |
| Red strobe light/siren | MPL3020 |
| Firehouse top with lighting assembly and strobe | MPLFH6003A |
| Light fuse | MPL3029 |
| Fuse holder | MPL3028 |
| Door | MPL6013 |
| 24-inch life ring | MPL4201 |
| Life ring bracket | MPL4201B |
| Blank access panel | MPL6015 |
| Door/life ring switch (pre-2004) | MPL3030 |
| Door/life ring switch (new) | MPL3050 |
| Door hasp | MPL3950 |
| Busbar (double barrel terminal block) | MPL3751 |
| 10-lb ABC Type fire extinguisher | MPL8025 |
| 20-lb ABC Type fire extinguisher | MPL8025X |

Note

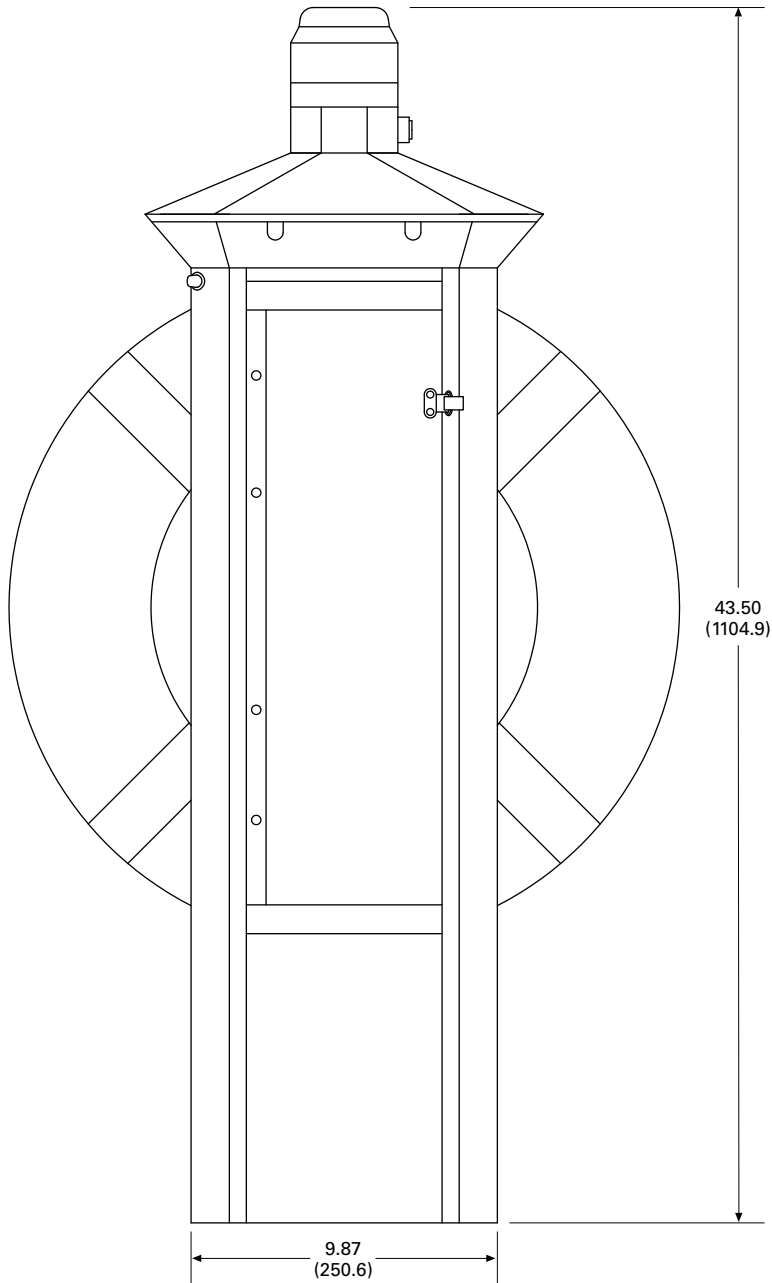
① For custom faceplates to include phone/cable or other accessories, please contact Eaton's Marina Power & Lighting facility at 1-800-723-8009.

Dimensions

Approximate Dimensions in Inches (mm)

Firehouse-SS

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| Distribution Equipment—Substations. | V1-T5-86 |
| Distribution Equipment—Panels. | V1-T5-89 |
| Distribution Equipment—Transformers. | V1-T5-90 |

Smart Start**Product Description**

If you have transient boat slips, Eaton Marina Power and Lighting has developed their newest product for your situation.

The new “Smart Start” pedestal is activated by the swipe of a credit card. A kiosk will be centrally located at the marina and will control up to 32 power pedestals. When a boater wants to use a slip, they will enter the slip number and amount of time they would like and will then be asked to swipe a card in order to activate the pedestal. Once the chosen time is up, the pedestal will shut down. No more free power!

The “Smart Start” pedestal will not only prevent transient boaters from stealing power, but it will also eliminate the need for 24-hour monitoring of the slips. Boaters will be able to come in at any time of the day and activate a pedestal.

Features

- Lighted 316L stainless steel kiosk enclosure
- Programmable slip time blocks
- Programmable slip rates printable receipts

Standards and Certifications

- UL listing pending

**Dimensions**

Approximate Dimensions in Inches (mm)

Smart Start

| | |
|--------|----------------|
| Height | 60.05 (1525.3) |
| Width | 14.15 (359.4) |
| Depth | 14.24 (361.9) |

Marina Power and Lighting Equipment

**Mariner**

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Mariner**Product Description**

The Mariner is a lighting bollard that can stand from 1.5 to 4 feet tall and can be used in various applications from marina docks, to landscaped areas, golf courses and beyond. The Mariner will have a lifetime warranty on the engineered resin housing that will withstand the harsh marine and land environments from Alaska to the tropics.

Features

- Can be configured with a 7 watt, 9 watt or 13 watt fluorescent bulb
- Mounting base and painted pole supplied for desired height
- Limited lifetime warranty on engineered resin housing
- Custom colors available
- Side-mounted option

Dimensions

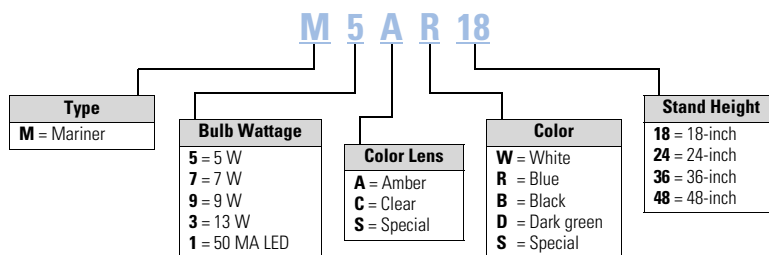
Approximate Dimensions in Inches (mm)

Mariner

| | |
|----------------|---------------|
| 7 watt | 14.15 (359.4) |
| 9 watt/13 watt | 14.24 (361.9) |

Mounting Base and Pole

1.5 feet–4 feet

Catalog Number Selection

Digital Electronic Kilowatt Hour Meters**Contents**

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Digital Electronic Kilowatthour Meters**Product Description**

Using the latest surface mount technology, Eaton manufactures a digital electronic kilowatthour meter that exceeds the $\pm 2\%$ accuracy required by ANSI (American National Standards Institute) C-12.1 and is approved by the state of California at $\pm 1\%$ over the full range of 0–100 A from a 0.5–1 power factor and is available for both single- and three-phase applications.

The meter drives an electro-mechanical counter that requires a 12 V pulse each tenth of a kilowatthour, providing 10 pulses per kilowatt used. The meter output can be hard wired or connected to a transmitter in the pedestal for wireless transmission to a receiver displaying the output on a PC for direct billing of up to 1,000 individual customers.

Features

Our meter is designed to be user friendly in that all connections from external sources and the meter output are through one 14-pin locking connector. This feature eliminates many common problems, such as reverse line polarity and improper coil polarity. Simple LEDs, both red and green, indicate line and load condition and the pulsed LED indicates the rate of power consumption.

Wireless System

All of our meters are “wireless capable” to allow for wireless meter reading. This technology enables the marina or RV park to get meter readings from one central location rather than visiting every site to read the counters.

Meter Socket Capabilities

Meter sockets are available on the Lighthouse and Lighthouse-SS.

Standard

- Four jaw
- Ring-type
- 100 A

Available Options

- 200 A (SS only)
- Lockable hasp
- Ringless (SS only)
- Five jaw
- Seven jaw (SS only)

Product Selection**One Element Meter****Two Element Meter****Three Element Meter**

Ground Fault Monitor

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Distribution Equipment—Ground Fault Monitor**Product Description**

Our ground fault monitoring systems are designed to detect fault currents in the AC shore power system that are too low to trip a circuit breaker. The ground fault monitor helps reduce the risk of injury or property damage that may result from stray fault currents. Our ground fault monitoring system provides information to the maintenance staff on the overall condition of the AC electrical system. The ground fault monitoring system operates 24 hours a day and can be monitored by non-technical personnel.

Features

- Adjustable trip level 10 mA to 10 A
- Current transformers up to 8 1/4-inch diameter
- Visual and/or audible alarm
- Housing of fiberglass or powder-coated stainless steel available

Power Guard

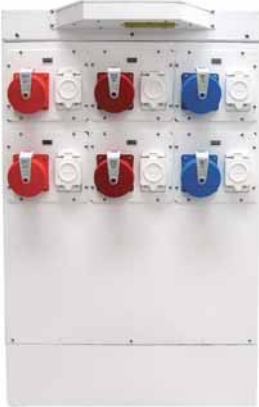
The ground fault monitor detects ground fault currents by means of current transformers (CT), which are placed around main or branch circuits. If a ground fault occurs, the CT will detect the amount of fault current and send a signal to the ground fault monitoring device where the amount of fault current is displayed with the faulty circuit identified. The detected fault can either activate an indicator alarm or disconnect the faulted circuit.

Standards and Certifications

- UL listed current transformers



Marina Power and Lighting Equipment



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Distribution Equipment—Mega Yacht Powerpoint

Product Description

From the company that is known for its high-quality innovations, Eaton is the only company to offer a self-contained dual-phase mega yacht unit. Made out of long-lasting stainless steel, this mega yacht unit has a copper-wound, low-noise transformer that is double insulated and epoxy overcoated. The mega yacht unit delivers both single-phase and three-phase power to serve most mega yachts. Helping to keep your marina environment tranquil, the mega yacht unit has a low-noise, highly efficient transformer that has isolation mounts to ensure a very quiet operation.

Features

- Thermostatically controlled fans in transformer compartment for cooling
- Heavy stainless steel (316L) cabinet with a polyester powder coating
- Ventilated sun shields to help unit run cooler in tropical climates
- Limited lifetime warranty on housing
- Two or three light 13 watt photocell controlled fluorescent lights on the sun shield for optimal night lighting

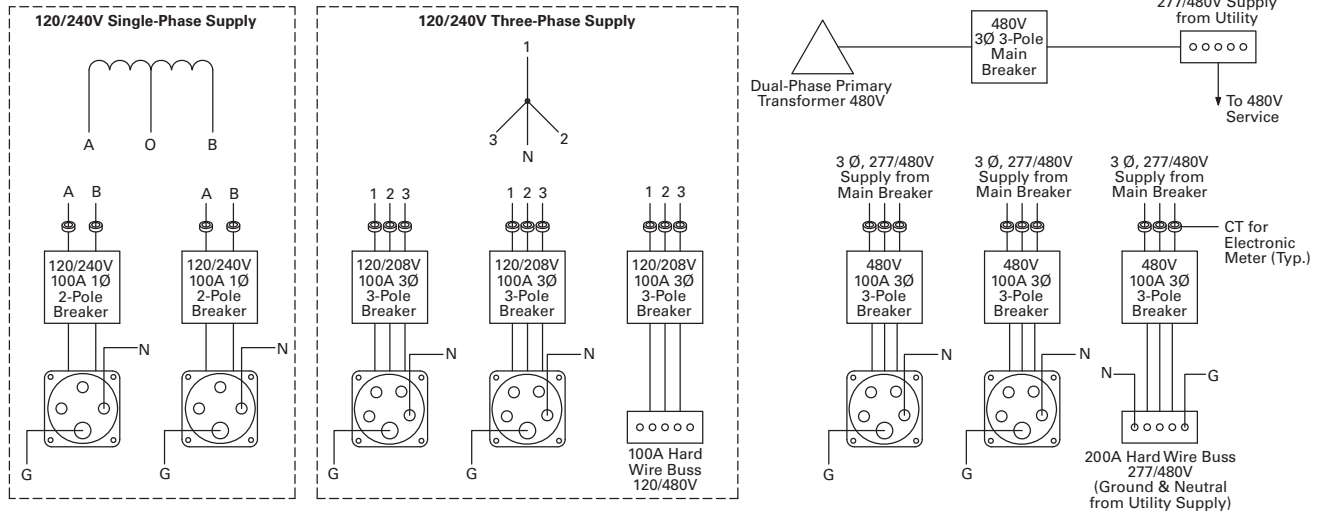
Available Options

- 200 A–480 V three-phase receptacles
- 100% rated breakers
- Hard wiring busbars for all voltages with breaker protection
- Two 3/4 inch water outlets with a water meter
- Two phone, two CATV and two CAT5 high-speed Internet connections
- Digital electronic meters on all receptacles
- Primary breaker
- Two 480 V delta or wye 125 A three-phase receptacles (IEC)
- Two 120/208 V 100 A three-phase receptacles (IEC)
- Two 120/240 V 100 A single-phase receptacles (IEC)
- Up to four 50 A 120/240 V locking receptacles (NEMA)
- Up to four 30 A 120 V locking receptacles (NEMA)
- Wireless remote metering for electric and water
- 20 A GFI receptacle
- Primary side 480 V maximum 600 A
- Secondary side single-phase 120/240 V maximum 100 kVA
- Secondary side three-phase 120/208 V maximum 125 kVA
- Fire extinguisher—10 or 20 lbs

Wiring Diagram

Powerpoint

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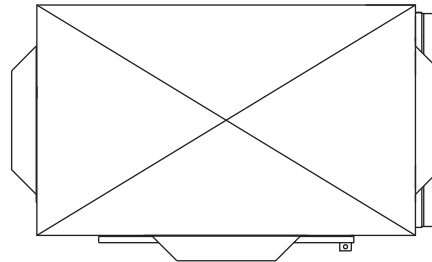
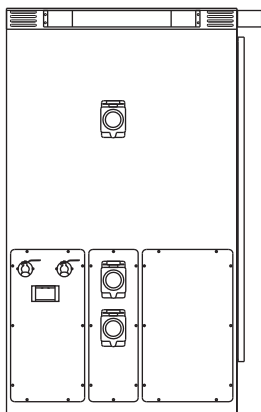
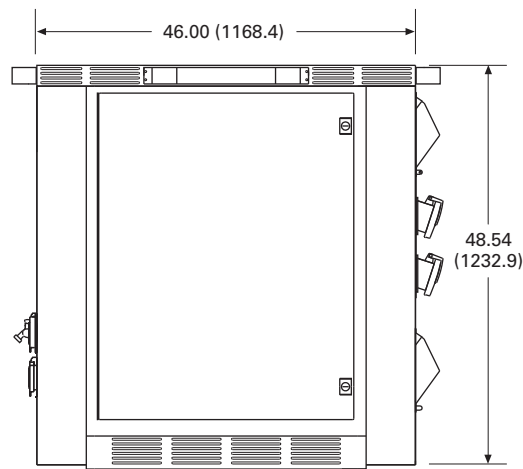
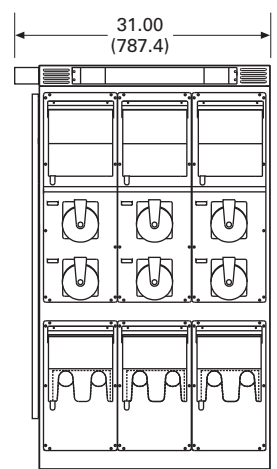
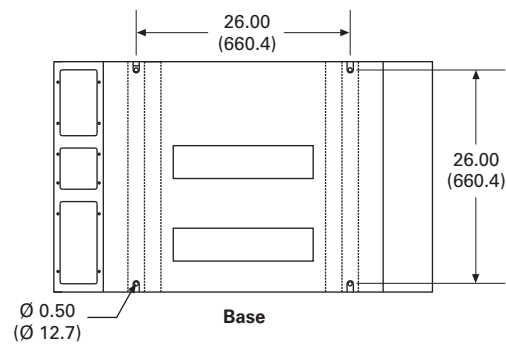


Dimensions

Approximate Dimensions in Inches (mm)

Powerpoint Unit

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**Top With Solar Shield****Left Side****Front****Right Side****Base**

Substations

*Double Panel Substation*

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Distribution Equipment—Substations

Product Description

The introduction of substations into the marina and recreational vehicle market allows Eaton to be your complete marina and RV park electrical products supplier. We are able to assist in the design and layout of your marina or RV park electrical system from the primary service provider, to your power pedestal. Our substations are designed for any coastal or inland environment and are constructed of powder-coated stainless steel NEMA 3R housing cabinets. All substation cabinets come with our limited lifetime warranty. All of our substations use Eaton's panels and circuit breakers providing our customers the utmost in circuit protection and quality.

Application Description

The aluminum and Galvaneal cabinets are recommended for inland applications. The substations can be configured with 50–330 kVA single-phase or three-phase copper wound transformers and up to 20 single-phase or 12 three-phase branch breakers. An optional three-sided double-wall cabinet is available that provides air flow between the panels. All substations come standard with temperature controlled cooling fans.

Product Selection Guide

Panel and Transformer Combinations

| Panel | Transformer |
|---------------------|-------------|
| Single-Phase | |
| 200 A | 50 kVA |
| 300 A | 75 kVA |
| 400 A | 100 kVA |
| 600 A | 150 kVA |
| 700 A | 167.5 kVA |
| 800 A | 200 kVA |
| 1000 A | 250 kVA |
| 1200 A | 330 kVA |
| Three-Phase | |
| 100 A | 45 kVA |
| 200 A | 75 kVA |
| 300 A | 112.5 kVA |
| 400 A | 150 kVA |
| 600 A | 225 kVA |
| 800 A | 300 kVA |

Features, Benefits and Functions

- Limited lifetime warranty on the housing
- All stainless steel hardware
- Temperature controlled cooling fans in the transformer and circuit breaker compartments
- Lockable door

Ventilation

The substation ventilation is designed to optimize air circulation over and around the transformers and through the panel compartment so that the substation operates at lower temperatures.

Substations come equipped with temperature controlled cooling fans for exhausting hot air from the cabinet and solar shield.

In addition, substations are available with a double-walled cabinet and solar shield, which allow for cooling of both the exterior surface of the cabinet and the internal components.

Substations

Stainless steel housing with polyester powder coating

Limited lifetime warranty on the housing

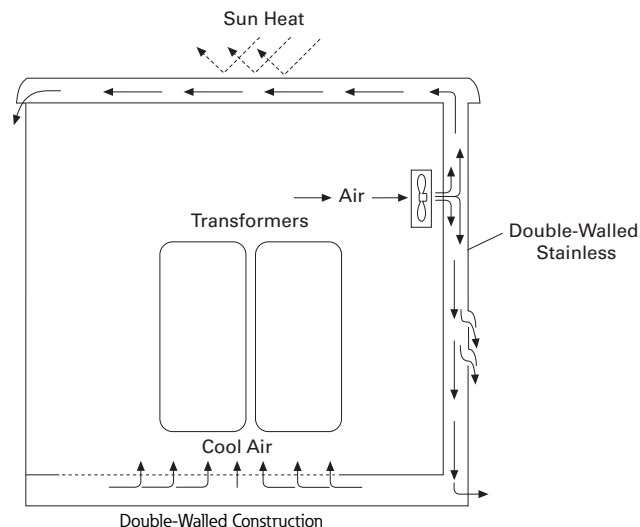
Stainless steel hardware with locking doors

Temperature-controlled fans for cooling



Custom made to your specifications:
Single-phase or three-phase copper wound transformers
50 to 330 kVA

Up to 1200 A main circuit breaker with
20 single-phase or 12 three-phase
branch circuit breakers



Available Options

- Powder-coated cabinets made of stainless steel or fiberglass
- Limited lifetime warranty on housing. Transformer and secondary distribution panel in a single enclosure have a one-year limited warranty
- Stainless steel housing and hardware with locking doors
- Single-phase and three-phase models
- Overload capacity meets ANSI L57.96–01.250
- Optional double-walled construction
- Temperature controlled fans for cooling
- Custom-made copper wound single-phase or three-phase transformers from 50–330 kVA
- Up to 1200 A main circuit breaker with 15 single-phase branch circuit breakers or 10 three-phase branch circuit breakers
- Substations can be equipped with photocells to turn on and off lights
- A 20 A GFI can be installed in the cabinet, as well as a ground fault monitoring system

Standards and Certifications

- cULus listed

**Dimensions**

Approximate Dimensions in Inches (mm)

Substations**Standard Substation**

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 51.00 (1295.4) |
| Depth | 33.00 (838.2) |

Side-by-Side Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 66.00 (1676.4) |
| Depth | 30.00 (762.0) |

Double Panel Substation

| | |
|--------|----------------|
| Height | 53.00 (1346.2) |
| Width | 63.00 (1600.2) |
| Depth | 33.00 (838.2) |

Panels



Panel (Stainless Steel Shown)

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Distribution Equipment—Panels

Product Description

Two of the many products we can offer our customers are Eaton's PRL-3A and PRL-4 panels as standalone units or in one of our substations. All of our busses are made of copper and are load rated; breakers are bolt-on type. Distribution panels can be 120/240 V single-phase, 120/208 V three-phase, 277/480 V three-phase or 220Y/127 V three-phase based on your system requirements. Distribution panels can also have a main breaker or a main lug. Branch circuit breakers are provided based on customer requirements.

Features

- All internal wiring is fine stranded 1000 V insulated copper
- Copper busbars
- All exterior hardware is stainless steel

Available Options

- NEMA 3R or 4X
- Powder-coated stainless steel
- Main breaker up to 1200 A
- Branch breaker 20–1200 A
- Main lug only
- We also offer 480 V models—single-phase and three-phase

Standards and Certifications

- UL listed
- cULus listed



Single-Phase

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Three-Phase

- Up to 1200 A main circuit breakers
- Up to 42 branch circuit breakers

Transformers



Three-Phase Transformer

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| Distribution Equipment—Substations | V1-T5-86 |
| Distribution Equipment—Panels | V1-T5-89 |
| Distribution Equipment—Transformers | |

Distribution Equipment—Transformers

Product Description

Because of the high humidity and corrosive conditions of coastal environments, our transformers are wound with Class H heavily insulated copper bar and are double dipped in tough insulating varnish that protects the copper, as well as reduces the hum that is typical in a transformer that is not double dipped. We provide a second overcoat of high temperature epoxy to protect against the severe saltwater environment. We can provide this transformer in single-phase, from 50 to 500 kVA, and three-phase, from 45 to 300 kVA.

Features

- Copper wound transformer coils double dipped in high temperature baking varnish
- All internal wiring is fine stranded 2000 V insulated copper
- Copper busbars
- Marine transformers with epoxy overcoat
- All copper-to-copper connections

Available Options

- Single-phase: 50–500 kVA
- Three-phase: 45–300 kVA
- Epoxy overcoat for non-marine applications

Primary Voltages

- 480 wye three-phase
- 480 V three-phase delta three-wire + ground
- 480 V single-phase two-wire + ground

Secondary Voltages

- 127/220 V three-phase wye four-wire
- 120/208 V three-phase wye four-wire
- 120/240 V single-phase three-wire

Marina Power Distribution Transformer kVA Availabilities

- Single-phase: 50, 75, 100, 150, 167.5, 200, 250, 330, 500 kVA
- Three-phase: 45, 75, 112.5, 150, 225, 300 kVA

Standards and Certifications

- cULus listed

