



UNDERGROUND ENCLOSURES AND PADS





Underground Enclosure Performance Specifications

Enclosures, boxes and covers are required to conform to all test provisions of the most current ANSI/SCTE 77 "Specification For Underground Enclosure Integrity" for Tier _____ (specify Tier 5, 8, 15 and/or 22) applications. When multiple "Tiers" are specified the boxes must physically accommodate and structurally support compatible covers while possessing the highest Tier rating. All covers are required to have the Tier level rating embossed on the surface. In no assembly can the cover design load exceed the design load of the box. All components in an assembly (box & cover) are manufactured using matched surface tooling. Independent third party verification or test reports stamped by a registered Professional Engineer certifying that all test provisions of this specification have been met are required with each submittal.

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QUAZITE® Products for Underground Construction

Introduction

Since 1971, QUAZITE® precast polymer concrete products have been used by utilities and contractors for durable, cost-effective applications. QUAZITE® encompasses a broad range of underground utility products including: service boxes and handholes, electrical equipment pads, telephone cabinet pads, CATV enclosures, water meter boxes, box pads and traffic signal cabinet bases.

QUAZITE® manufacturing/distribution centers are in Lenoir City, Tennessee and Juarez, Mexico providing nationwide service and prompt delivery.

Engineering

Registered professional engineers are on hand to assist with design, specification development and review. Full CAD capabilities are available and can be used to electronically transmit drawings and files to you. Product drawings can be accessed from our website:

www.quazite.com



QUAZITE® enclosures are embedded in concrete highway median barriers.

Quality Assurance

The Quality Assurance staff at each QUAZITE® manufacturing facility assures product consistency and conformance to customer specifications. The test labs and manufacturing processes at all QUAZITE® facilities are accepted by Underwriters Laboratories, Inc. (UL).

QUAZITE® underground products solve problems in thousands of specific applications in many industries. If one or more of the products described here could be the right solution for you, please contact your local QUAZITE® representative for more information.



QUAZITE® switchgear box pads are used for easier, quicker and less expensive installations.



Precast Polymer Concrete

What Is Polymer Concrete?

Polymer concrete is made from selectively-graded aggregates in combination with a polymer resin system. When combined through a process of mixing, molding and curing, an extremely powerful cross-linked bond is formed. Precast polymer concrete is reinforced with fiberglass for exceptional strength and rigidity.

Why Use Polymer Concrete?

- **Lightweight** — 1/10 to 1/3 the weight of concrete
- **High Strength** — compressive, flexural and tensile strengths three to five times higher than traditional concrete
- **Reduced Installation Costs** — easy to handle, no special equipment required
- **Stable Under Freeze/Thaw Conditions**
- **Impact Resistant** — tested per ASTM D-2444
- **Low Water Absorption** — less than 1% per ASTM D-570
- **Corrosion Resistant** — resistant to alkalines, acids, weathering and other forms of deterioration
- **Cost Effective** — outperforms conventional materials for longer service and lower life cycle costs
- **Nonflammable** — will not support combustion
- **Nonconductive** — no grounding required for the box or cover

Design Possibilities

Precast polymer concrete offers a variety of design possibilities.

- **Development of New Parts** — Years of experience enable QUAZITE® engineers to produce custom designed parts to your specifications.
- **Size** — Monolithic boxes are being made up to 4' x 8' x 4'. Pads for cabinets or equipment enclosures are currently being made as small as 25" x 38" and as large as 93" x 93" and even larger when bolted together. If other sizes are required, contact your local QUAZITE® representative.
- **Composite Design** — An experienced staff is available to assist in the development of specifications and design of products.
- **Custom Accessories** — Many options are available for QUAZITE® products, including racking and struts, knockouts, holes, logos, terminators, gaskets, pulling eyes, and numerous other options. Please see pages 53 - 59 for a complete listing of options.



The strong polymer concrete construction allows QUAZITE® enclosures to be stacked for even greater depths.

Typical Properties of Polymer Concrete

Mechanical Properties

| | |
|-----------------------|--------------------------------|
| Modulus of elasticity | 1 to 2.4 x 10 ⁶ psi |
| Compressive strength | 9,000-15,000 psi |
| Flexural strength | 3,000-6,000 psi |
| Impact energy | 30-72 ft.-lbs. |
| Tensile strength | 800-1,100 psi |

Physical Properties

| | |
|---------------------------------------|-----------------------|
| Freeze/thaw resistance (2,500 cycles) | No significant change |
| Density | 85-150 lbs./cu. ft. |
| Barcol hardness | 45 |
| Coefficient of friction (covers) | Greater than 0.5 |
| Water absorption | Less than 1% |

Chemical Resistance - per ANSI/SCTE 77, Section 4

Tested according to the requirements of ASTM Method D-543, Section 7, Procedure 1 for chemical resistance, using the following chemicals in the concentrations noted:

| CHEMICAL | CONCENTRATION |
|-------------------|---------------|
| Sodium Chloride | 5% |
| Sulfuric Acid | 0.1N |
| Hydrochloric Acid | 0.2N |
| Sodium Hydroxide | 0.1N |

Properties will vary depending upon the particular formulation. Customized properties can be achieved by using nonstandard resins, by changing or adding reinforcements, and by tailoring the overall composite design.



The Product Line



QUAZITE® has a broad product line for the underground construction industry.

Enclosures

For use as splice boxes, pull boxes or equipment enclosures for any application requiring easy access to an underground service (i.e. electrical, telephone, fiber optics, CATV, water, gas, etc.). Available in a large variety of sizes and styles with either standard, heavy duty or optional overlapping covers. No grounding is required for the box or cover. Fits flush with sidewalk or grass area. Covers are skid resistant. Replacement covers and meter lids, hardware, inserts and grade adjustable extensions are available options. Boxes and covers are ANSI/SCTE 77 compliant for intended applications.



Electrical Equipment and Telecommunications Cabinet Pads

Used under transformers and telephone cabinets to add stability, prevent corrosion of metal cabinets, provide a fire break, and protect cabinets from damage caused by mowing equipment. Available as a solid pad or as a Splitt-Pad® for easy retrofits.

Box Pads and Traffic Signal Cabinet Bases

Precast polymer concrete box pads and traffic signal cabinet bases eliminate forming and pouring and are lightweight, resulting in easy handling and a lower installed cost. Excavation and installation of the entire unit can be done in one day. Can be reused in other locations.



National Electric Code, ANSI/SCTE 77, and UL Listing

NEC and Underground Enclosures

The National Electric Code states in article 314.30 that enclosures “shall be designed and installed to withstand all loads likely to be imposed,”¹ and addresses issues related to enclosure size, wiring entries, enclosures without bottoms, and bonding requirements for covers.

The *Code* references the ANSI/SCTE 77² “Specification for Underground Enclosure Integrity” National Standard³, which outlines various tests that enclosures must pass to meet the standard. ANSI/SCTE 77 also provides load charts with Tier ratings to help end users determine the appropriate enclosure to select depending on the loadings expected in the application.

QUAZITE® Enclosures UL Listed to ANSI Standard

All QUAZITE® enclosures meet or exceed the test provisions of ANSI/SCTE 77 2007 and most enclosures sized 30” x 48” and smaller are UL Listed to the ANSI National Standard as referenced in the 2005 & 2008 *NEC*. This means that QUAZITE® enclosures have undergone rigorous physical, environmental and internal equipment protection tests and have been found by UL, a neutral third party, to meet the test requirements of the ANSI National Standard.

No one wants to be responsible for an accidental electrocution from a collapsed enclosure or energized cover. By using the *NEC*, ANSI/SCTE 77, and UL Listing requirements in the enclosure

selection process, end-users will help ensure long service life, increased safety and reduced potential liability associated with failed underground enclosures.

Testing Requirements for ANSI/SCTE 77 2007

Underground enclosures must successfully pass numerous material and product performance tests before they can meet ANSI/SCTE 77 2007. These tests include:

- Three Position Load Testing to Simulate Actual Application
- UV Degradation per ASTM G-154
- Fire Resistance per RUS 7CFR 1755.910 (PE-91)
- Chemical Resistance per ASTM D-543
- Water Absorption per ASTM D-570
- Impact Resistance per ASTM D-2444
- Accelerated Service per ASTM D-756, Procedure E

NOTE: Quazite recommends testing by third party organizations such as UL to verify that enclosures meet all test provisions of ANSI/SCTE 77.

1 National Fire Protection Agency, *2005 & 2008 National Electric Code*.

2 Subsequent to the issuance of the 2005 NEC, ANSI approved an updated version of the standard, ANSI/SCTE 77 2007.

3 The latest copy of the standard may be purchased from ANSI. It may also be viewed in PDF form on SCTE’s website at www.scte.org/documents/pdf/ANSIS-CTE%2077%202007.pdf.



Enclosure Selection Guide

To Select the Enclosure You Need for Your Application:

- 1 Determine UL Requirements**
- 2 Determine Load Ratings
- 3 Determine Handhole Opening Size
- 4 Select Cover Series & Style
- 5 Select Box Style
- 6 Determine Options & Hardware

Using The Selection Guide

Follow the steps outlined in this guide to select the enclosure for your application. These steps will take you through the typical decisions necessary to determine the proper size and style enclosure for your application. **The UL Listed enclosures are highlighted throughout this selection guide to help in identifying them.**

A detailed product information listing follows the selection guide. All QUAZITE® products are listed here by size and style with dimensions and ordering information.

For more information or for answers to any questions you might have, call your local QUAZITE® representative. Detailed product drawings can be viewed from our website:

www.quazite.com



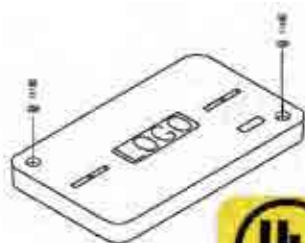
Most QUAZITE® underground enclosures in sizes through 30" x 48" are UL Listed.

1

UL Listed Enclosures

Determine if a UL Listed enclosure is required for your installation. Federally funded electrical and telecom projects, as well as many state and municipal projects, generally require the use of a UL Listed product whenever one is available.

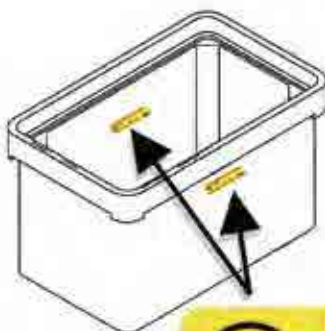
Most QUAZITE® underground handhole enclosures in sizes through 30" x 48" are UL Listed. These products are clearly marked with the UL label on both the box and underneath the cover. Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.



**COVER FOR
UNDERGROUND ENCLOSURE**
66WF TIER 15

Compliant with all test provisions of ANSI/ASTM F7-2007
Listed for all electrical & communications equipment and
cable, water and gas applications

Quazite®
MADE IN USA



UNDERGROUND ENCLOSURE
66WF

TIER 15

Compliant with all test provisions of ANSI/ASTM F7-2007
Listed for all electrical & communications equipment and
cable, water and gas applications

Quazite®
MADE IN USA

Highlighted areas indicate UL Listing

Enclosure Selection Guide

2 Load Ratings

QUAZITE® underground handhole enclosures are designed to meet or exceed the tier loadings set forth in the American National Standards Institute's ANSI/SCTE 77 2007 "Specification for Underground Enclosure Integrity"¹. ANSI tier designations are minimum specifications used by the industry to ensure the safe and reliable performance of underground handhole enclosures.

The ANSI application tier number relates to a nominal design load times 1,000 pounds (i.e.: Tier 8 = 8 x 1,000 lbs. = 8,000 lbs.). All ANSI tier loadings will have a corresponding test load which is 50% greater than the design load. The maximum deflection at the indicated design load shall be 1/2 inch for vertical tests and 1/4 inch per foot of length for lateral tests.

Three Position Testing

A key requirement outlined in ANSI/SCTE 77 2007 is three position testing for enclosures. Three position testing is required to determine how a product will perform in actual use.

In order to qualify a product's performance, test loading should be performed at the lateral center of the longest sidewall, at the vertical center of the longest sidewall, and at the vertical in the center of the cover. QUAZITE® products have been tested to each of the three positions as required by ANSI and all have met or exceeded the requirements.

1 Electronic file available at www.scte.org/documents/pdf/ANSISCTE%2077%202007.pdf.

2 Some QUAZITE® products are currently not UL Listed. Refer to pg. 15 for a complete listing of products.

To Select the Enclosure You Need for Your Application:

- 1..... Determine UL Requirements
- 2..... Determine Load Ratings
- 3..... Determine Handhole Opening Size
- 4..... Select Cover Series & Style
- 5..... Select Box Style
- 6..... Determine Options & Hardware

Application Tiers & Static Vertical Wheel Load Ratings per ANSI/SCTE 77 2007 "Specification for Underground Enclosure Integrity"

NOTE - QUAZITE® products are not intended for use in deliberate traffic areas.

| Application Tiers | Loading Requirements | | | | UL Listed to meet ANSI 77 Requirements ² |
|--|----------------------|--------------------------|--|--|--|
| TIER 5¹ Sidewalk applications with a safety factor for occasional non-deliberate vehicular traffic | Vertical | Design Load Test Load | 22.2 kN 33.3 kN | 5,000 lbs. 7,500 lbs. | PC 13"x24" or PC 17"x30" style enclosure and cover assemblies with standard covers (CA) and standard covers w/o bolts (WA) . |
| | Lateral | Design Load Test Load | 28.7 kPa 43.1 kPa | 600 lbs./sq. ft. 900 lbs./sq. ft. | |
| TIER 8¹ Sidewalk applications with a safety factor for non-deliberate vehicular traffic | Vertical | Design Load Test Load | 35.6 kN 53.4 kN | 8,000 lbs. 12,000 lbs. | PG and PT style enclosure and cover assemblies up to 30" x 48" and PC style in sizes 6"x8", 8"x18", 11"x18" and 12"x12" with standard covers (CA) and standard covers w/o bolts (WA) . |
| | Lateral | Design Load Test Load | 28.7 kPa 43.1 kPa | 600 lbs./sq. ft. 900 lbs./sq. ft. | |
| TIER 15¹ Driveway, parking lot, and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic | Vertical | Design Load Test Load | 66.7 kN 100.1 kN | 15,000 lbs. 22,500 lbs. | PG, PT and PC style enclosure and cover assemblies up to 30"x48" with heavy duty covers (HA) . |
| | Lateral | Design Load Test Load | 38.3 kPa 57.5 kPa | 800 lbs./sq. ft. 1,200 lbs./sq. ft. | |
| Tier 22¹ Driveway, parking lot, and off-roadway applications subject to occasional non-deliberate heavy vehicular traffic | Vertical | Design Load Test Load | 100.1 kN 150.1 kN | 22,500 lbs. 33,750 lbs. | PC, PD, PG and PT style enclosure and cover assemblies up to 30" x 48" with extra heavy duty covers (HH) . |
| | Lateral | Design Load Test Load | 38.3 kPa 57.5 kPa | 800 lbs./sq. ft. 1,200 lbs./sq. ft. | |
| AASHTO H-20 Deliberate vehicular traffic applications ONLY. Quazite does not currently offer any enclosures for this application tier. | | | Certified precast concrete, cast iron or other AASHTO recognized materials.* <i>*There are no AASHTO design or test provisions for polymer composites. Therefore there is no recognized method of testing for qualification. Applying other material testing methods to polymer composites is not recognized by AASHTO. BUYER BEWARE !</i> | | |

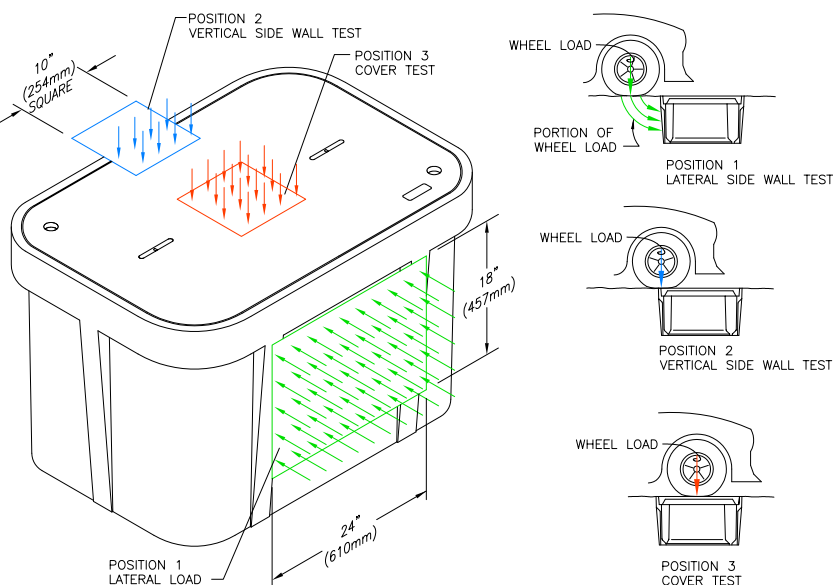


Figure 4.1 from ANSI/SCTE 77 2007

Enclosure Selection Guide

3 Handhole Opening Sizes

| Box & Cover | |
|-----------------|-----------|
| Style Available | Size |
| PC | 6" x 8" |
| PC | 8" x 8" |
| PC | 8" x 18" |
| PT | 10" x 15" |
| PG & PC | 11" x 18" |
| PC & PX | 12" x 12" |
| PG, PC, PD & PT | 13" x 24" |
| PG, PC, PD & PT | 17" x 30" |
| PG | 24" x 24" |
| PG & PD | 24" x 36" |
| PG & PD | 30" x 48" |
| PG | 30" x 60" |
| PG | 36" x 36" |
| PG | 36" x 60" |
| PG | 36" x 72" |
| PG | 48" x 48" |
| PG | 48" x 72" |
| PG | 48" x 96" |



Quazite keeps a large inventory of QUAZITE® enclosures to ensure immediate availability.

To Select the Enclosure You Need for Your Application:

- 1 Determine UL Requirements
- 2 Determine Load Ratings
- 3 Determine Handhole Opening Size**
- 4 Select Cover Series & Style
- 5 Select Box Style
- 6 Determine Options & Hardware



QUAZITE® enclosures are used for underground fiber optics and electric cable.



QUAZITE® enclosures are lightweight for easy installation.

Highlighted areas indicate UL Listing



Enclosure Selection Guide

4 Cover Series & Styles

CA/WA/CG Series Covers

CA covers are designed to bolt down. WA covers do not have provisions to bolt the covers in place. CG covers feature a grommet package to reduce incoming fluids into the enclosure. CG covers must be used with gasketed boxes.

- Design Load: 8,000 lbs. over a 10" square with a minimum test load of 12,000 lbs. (ANSI Tier 8)
(For PG, PT, PR and smaller PC styles)
- Design Load: 5,000 lbs. over a 10" square with a minimum test load of 7,500 lbs. (ANSI Tier 5)
(For PC 13" x 24" and PC 17" x 30" styles and all LG styles)

HA/HG Series Covers

Heavy duty covers (available for PG, PD, PC and PR box styles) are designed for driveways, parking lots and off-roadway applications where subject to occasional non-deliberate vehicular traffic. HG covers feature a grommet package to reduce incoming fluids into the enclosure. HG covers must be used with gasketed boxes.

- Design Load: 15,000 lbs. over a 10" square with a minimum test load of 22,500 lbs. (ANSI Tier 15)

To Select the Enclosure You Need for Your Application:

- 1 Determine UL Requirements
- 2 Determine Load Ratings
- 3 Determine Handhole Opening Size
- 4 Select Cover Series & Style**
- 5 Select Box Style
- 6 Determine Options & Hardware

HH Series Covers

Extra heavy duty HH covers are designed for driveways, parking lots and off-roadway applications where subject to occasional non-deliberate traffic by heavy vehicles. Contact your local QUAZITE® representative for availability of sizes.

- Design Load: 22,500 lbs. over a 10" x 20" area with minimum test load of 33,750 lbs. (ANSI Tier 22)

Cover Load Rating

QUAZITE® Cover Performance Chart (Wheel Loads)*

| Cover | | Design (lbs.) | Test Load (lbs.) | Test Area | ANSI Tier |
|--------------------|--------|---------------|------------------|-----------|-----------|
| Style | Series | | | | |
| LG | CA/WA | 5,000 | 7,500 | 10" x 10" | 5 |
| PC1324 & PC1730 | CA/WA | 5,000 | 7,500 | 10" x 10" | 5 |
| PC all other sizes | CA/WA | 8,000 | 12,000 | 10" x 10" | 8 |
| PG/PT | CA/WA | 8,000 | 12,000 | 10" x 10" | 8 |
| PC | HA | 15,000 | 22,500 | 10" x 10" | 15 |
| PG/PT | HA | 15,000 | 22,500 | 10" x 10" | 15 |
| PG | HH | 22,500 | 33,750 | 10" x 20" | 22 |
| PR | CA/WA | 8,000 | 12,000 | 10" x 10" | 8 |
| PR | HA | 15,000 | 22,500 | 10" x 10" | 15 |

* Not all products are UL Listed. For specific UL Listed products, please refer to individual drawings.

Cover Numbering System

| Cover Style | Cover Size | Cover Series | Cover Variation | Cover Logo # | Bolt Option |
|----------------------------|--|--|--|---|--|
| PC | 1730 | CA | 00 | 09 | P |
| PC PG PR PT LG | (width x length) example: 17" x 30" | CA-standard cover HA-heavy duty cover WA-standard/no bolts CG-standard cover w/gasket HG-heavy duty cover w/gasket CS-split cover HS-heavy duty split cover CT-torsion assist cover HH-extra heavy duty CC-overlapping cover HC-heavy duty overlapping cover | Standard Cover - No Variation Contact your local QUAZITE® representative for more information on cover variations. | 09 - Blank (See chart on next page for a listing of commonly used cover logos) | Penta-head (Hex head bolts standard, no designation needed) |

Highlighted areas indicate UL Listing



To Select the Enclosure You Need for Your Application:

- 1 **Determine UL Requirements**
- 2 Determine Load Ratings
- 3 Determine Handhole Opening Size
- 4 Select Cover Series & Style**
- 5 Select Box Style
- 6 Determine Options & Hardware

4 Other Cover Styles

LG Style Covers

32% lighter in weight as compared to the PG covers.

- Design Load: 5,000 lbs. over a 10" square with a minimum test load of 7,500 lbs. (ANSI Tier 5)

Overlapping Covers

Available in sizes 30" x 48", 30" x 60", and 36" x 60". Eliminates soil infiltration and allows for easy cover removal. Not recommended for sidewalks.

- Design Load: Available in either CA or HA ratings. (ANSI Tier 5, 8 or 15)



Replacement Covers

Covers that are interchangeable with several manufacturers' products include: PG1324, PG1730, PG2436, and PG3048. Other styles and sizes are also available.

- Design Load: Load Ratings will vary. Contact your local QUAZITE® representative for more information.

Meter Reading Lids

Available in PG style covers.

- Adding a meter lid to a Tier 8 cover reduces the rating to Tier 5. A Tier 5 cover will be reduced to a pedestrian traffic only rating.



Commonly Used Cover Logos

| | |
|-------------------|--------------------|
| 09 Blank | 26 High Voltage |
| 10 C.A.T.V. | 29 Lighting |
| 12 Communications | 41 Street Lighting |
| 14 Controls | 43 Telephone |
| 17 Electric | 44 Traffic |
| 21 Fiber Optics | 46 Traffic Signal |
| 24 Ground | 50 Water |

(See pg. 58 for additional logos)

Meter Reading Lid Numbering System

| Cover Style | Cover Size | Cover Series | Cover Variation | Lid Position | Cover Logo # |
|--|--|---|--|---|---|
| PG (Meter reading lids available only in PG style) | 1730 (width x length) example: 17" x 30" | CA CA - bolt down cover WA - standard/no bolts | L R - Cast iron 4 1/2" x 7 1/2" lid P - Cast iron 6" x 9" lid Q - Cast iron 9" x 12" lid K - Polymer concrete 6" x 9" drop-in lid L - Polymer concrete 7" x 13" drop-in lid S - Through slot (no meter lid) | 0 2 - Opens under 90° 0 - Used with drop-in lid (As standard, all meter lids are centered on the cover) | 50 50 - Water (See chart above for a listing of commonly used cover logos) |

Highlighted areas indicate UL Listing



To Select the Enclosure You Need for Your Application:

- 1 **Determine UL Requirements**
- 2 Determine Load Ratings
- 3 Determine Handhole Opening Size
- 4 Select Cover Series & Style
- 5 Select Box Style**
- 6 Determine Options & Hardware



Enclosure Selection Guide

5 Box Styles

PG Style

For use as a splice box, pull box, equipment enclosure or for any application requiring easy access to an underground service. Stackable for increased depth. Straight sides for easy adjustment of box to grade.



- Available in sizes:

| | | | | |
|-----------|-----------|-----------|-----------|-----------|
| 11" x 18" | 24" x 24" | 30" x 60" | 36" x 72" | 48" x 96" |
| 13" x 24" | 24" x 36" | 36" x 36" | 48" x 48" | |
| 17" x 30" | 30" x 48" | 36" x 60" | 48" x 72" | |

- Loadings comply with ANSI/SCTE 77. These boxes, with a design load of 22,500 lbs. and a test load of 33,750 lbs., meet ANSI Tier 22 test provisions.
- 12" - 48" depths
- Lightweight versions are also offered. Contact your local QUAZITE® representative for availability.

PD Style

Enclosures with 1° (degree) flare for maximum strength. Flared design optimizes internal volume and prevents frost heave.



- Available in sizes:
13" x 24" x 18", 13" x 24" x 26", 17" x 30" x 18", 17" x 30" x 26",
24" x 36" x 18", 24" x 36" x 26", 24" x 36" x 48", 30" x 48" x 24",
30" x 48" x 48"
- Design load: 22,500 lbs. Test load: 33,750 lbs. (ANSI Tier 22)

Box Numbering System

QUAZITE® products are referred to by an identifying part number. An example of the numbering system is shown below to help you understand how to identify the product you need for your application. Contact your local QUAZITE® representative if you have any questions.

| Box Style | Nominal Size | Box Variation | Box Depth |
|--|--|---|-----------------------|
| PC | 1730 (width x length) example: 17" x 30" | BA | 12 12" deep |
| <div> <div>PC</div> <div>PT</div> <div>PG</div> <div>PX</div> <div>PR</div> <div>PR</div> <div>PD</div> </div> | | <div> <div>BA-box w/open bottom</div> <div>BB-box w/mouse holes</div> <div>BC-divided box</div> <div>BG-gasketed box w/open bot- tom</div> <div>DA-box w/solid bottom</div> <div>DG- gasketed box w/solid bot- tom</div> <div>JA-footed box</div> <div>EA-extension</div> <div>RA-solid base extension</div> </div> | |

Highlighted areas indicate UL Listing



- 1 Determine UL Requirements
- 2 Determine Load Ratings
- 3 Determine Handhole Opening Size
- 4 Select Cover Series & Style
- 5 Select Box Style**
- 6 Determine Options & Hardware**

5 Box Styles

PC Style

Straight sides permit easy movement of box should grade level change. Gasketing also available. All sizes are stackable.

- Sizes: 6" x 8", 8" x 18", 11" x 18" and 12" x 12"
Design load: 15,000 lbs. Test load: 22,500 lbs. (ANSI Tier 15)
- Sizes: 13" x 24" and 17" x 30"
Design load: 5,000 lbs. Test load: 7,500 lbs. (ANSI Tier 5)
- Sizes: 8" x 8"
Design load: 22,500 lbs. Test load: 33,750 lbs. (ANSI Tier 22)
- 6" - 18" depths



PX Style

Service box assemblies with flared sides. Nestable for compact storage.

- Size: 12" x 12" x 24"
Design load: 15,000 lbs.
Test load: 22,500 lbs. (ANSI Tier 15)



PT Style (previously called PE style)

Flared design prevents frost heave. Covers are interchangeable with many precast concrete parts. Nestable for compact storage.

- Sizes: 10" x 15", 13" x 24", 17" x 30"
- Design load: 15,000 lbs. Test load: 22,500 lbs. (ANSI Tier 15)
- 18" deep



PR Style

Round enclosures. Cover cannot fall into the box.

- Available in sizes:
27" dia. x 36" deep
39" dia. x 18", 24", 36" & 48" depths.
- Design load: 22,500 lbs. Test load: 33,750 lbs. (ANSI Tier 22)



6 Hardware and Options

See Hardware and Options Section, pages 53 - 59.

Highlighted areas indicate UL Listing

Index of Enclosure Drawings

| Box Size | ANSI/SCTE* Tier (for Box) | Box Vertical Design/Test Load # | CA Cover Design/Test Load # | HA Cover Design/Test Load # | HH Cover Design/Test Load# | Box Style | Cover Style | Page No. |
|----------|---------------------------|---------------------------------|-----------------------------|-----------------------------|----------------------------|-----------|-------------|----------|
|----------|---------------------------|---------------------------------|-----------------------------|-----------------------------|----------------------------|-----------|-------------|----------|

SMALL ENCLOSURES

| | | | | | | | | |
|---------|----|-----------------|----------------|-----------------|-----------------|----|----|---------|
| 6 x 8 | 15 | 15,000 / 22,500 | — | 15,000 / 22,500 | — | PC | PC | 16 |
| 8 x 8 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PC | PC | 17 |
| 8 x 18 | 15 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | — | PC | PC | 18 |
| 10 x 15 | 15 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | — | PT | PG | 19 |
| 11 x 18 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PG | PG | 20 |
| 11 x 18 | 15 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | — | PC | PC | 21 |
| 12 x 12 | 15 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | — | PC | PC | 22 |
| 12 x 12 | 15 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | — | PX | PC | 23 |
| 13 x 24 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PG | PG | 24 - 25 |
| 13 x 24 | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PD | PG | 24 - 25 |
| 13 x 24 | 5 | 5,000 / 7,500 | 5,000 / 7,500 | — | — | PC | PC | 26 |
| 13 x 24 | 15 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | — | PT | PG | 27 |
| 17 x 30 | 5 | 5,000 / 7,500 | 5,000 / 7,500 | — | — | PC | PC | 28 |
| 17 x 30 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PD | PG | 29 - 30 |
| 17 x 30 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PG | PG | 29 - 30 |
| 17 x 30 | 15 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | — | PT | PG | 31 |

LARGE ENCLOSURES

| | | | | | | | | |
|---------|----|-----------------|----------------|-----------------|-----------------|----|---------|---------|
| 24 x 24 | 22 | 15,000 / 22,500 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PG | PG | 32 |
| 24 x 36 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PG | PG | 33 - 34 |
| 24 x 36 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PD | PG | 33 - 34 |
| 30 x 48 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PG | PG | 35 - 36 |
| 30 x 48 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PD | PG | 35 - 36 |
| 30 x 60 | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PG | LG / PG | 37 |
| 36 x 36 | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PG | PG | 38 |
| 36 x 60 | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PG | LG / PG | 39 |
| 36 x 72 | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PG | LG / PG | 40 |
| 48 x 48 | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PG | LG / PG | 41 |
| 48 x 72 | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PG | LG / PG | 42 |
| 48 x 96 | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PG | LG / PG | 43 |

ROUND ENCLOSURES

| | | | | | | | | |
|----------|----|-----------------|----------------|-----------------|-----------------|----|----|---------|
| 27" Dia. | 22 | 22,500 / 33,750 | 8,000 / 12,000 | 15,000 / 22,500 | 22,500 / 33,750 | PR | PR | 45 - 46 |
| 39" Dia. | 22 | 22,500 / 33,750 | 5,000 / 7,500 | 15,000 / 22,500 | 22,500 / 33,750 | PR | PR | 47 - 48 |

* Loadings comply with ANSI/SCTE 77 (see page 9).

EXTENSIONS

| | |
|-----------------------------|-------------|
| PG1324 | Pg. 24 - 25 |
| PG1730 | Pg. 29 - 30 |
| PG2424 | Pg. 32 |
| PG2436 | Pg. 33 - 34 |
| PG3048 | Pg. 35 - 36 |
| PD3048 | Pg. 35 - 36 |
| PG3636 | Pg. 38 |
| PG3660 | Pg. 39 |
| PG4872 | Pg. 42 |
| PG4896 | Pg. 43 |
| Grade adjustable extensions | Pg. 44 |

REPLACEMENT COVERS

Pgs. 49 - 51

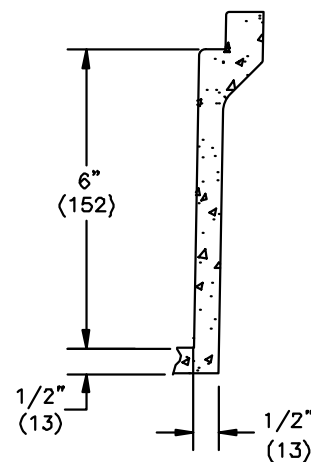
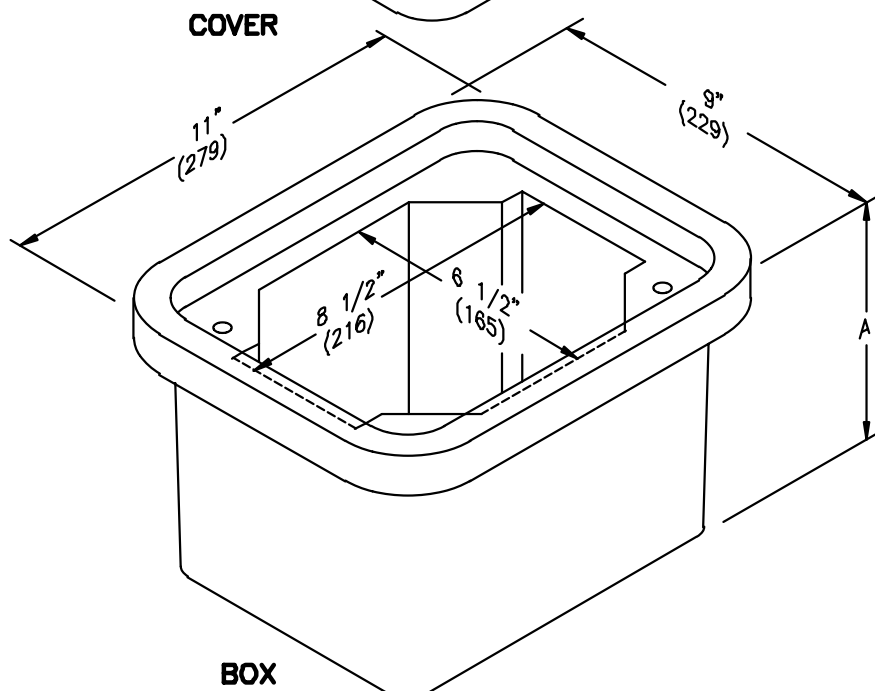
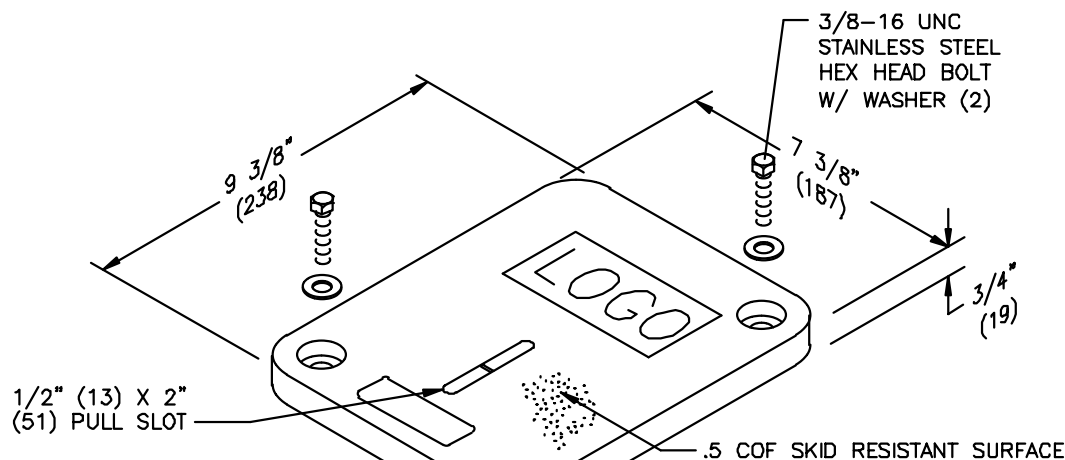
METER READING COVERS & LIDS

Pg. 52



SPECIFICATIONS/DATA

6" x 8" PC Style (Stackable) Assembly



Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------------|------------|------------|--------------------|------------|
| W/2 Bolts | PC0608HA00 | 4 (1.8 kg) | 15,000 / 22,500 | 15 |
| Gasketed w/4 Bolts | PC0608HG00 | 4 (1.8 kg) | 15,000 / 22,500 | 15 |

* Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------|------------|-------------|-----------------|--------------------|------------|
| Open Bottom | PC0608BA06 | 14 (6.4 kg) | 6 3/4" (171 mm) | 15,000 / 22,500 | 15 |
| Open Bottom w/Gasket | PC0608BG06 | 14 (6.4 kg) | 6 3/4" (171 mm) | 15,000 / 22,500 | 15 |
| Solid Bottom | PC0608DA06 | 15 (6.8 kg) | 7 1/4" (184 mm) | 15,000 / 22,500 | 15 |
| Solid Bottom w/Gasket | PC0608DG06 | 15 (6.8 kg) | 7 1/4" (184 mm) | 15,000 / 22,500 | 15 |

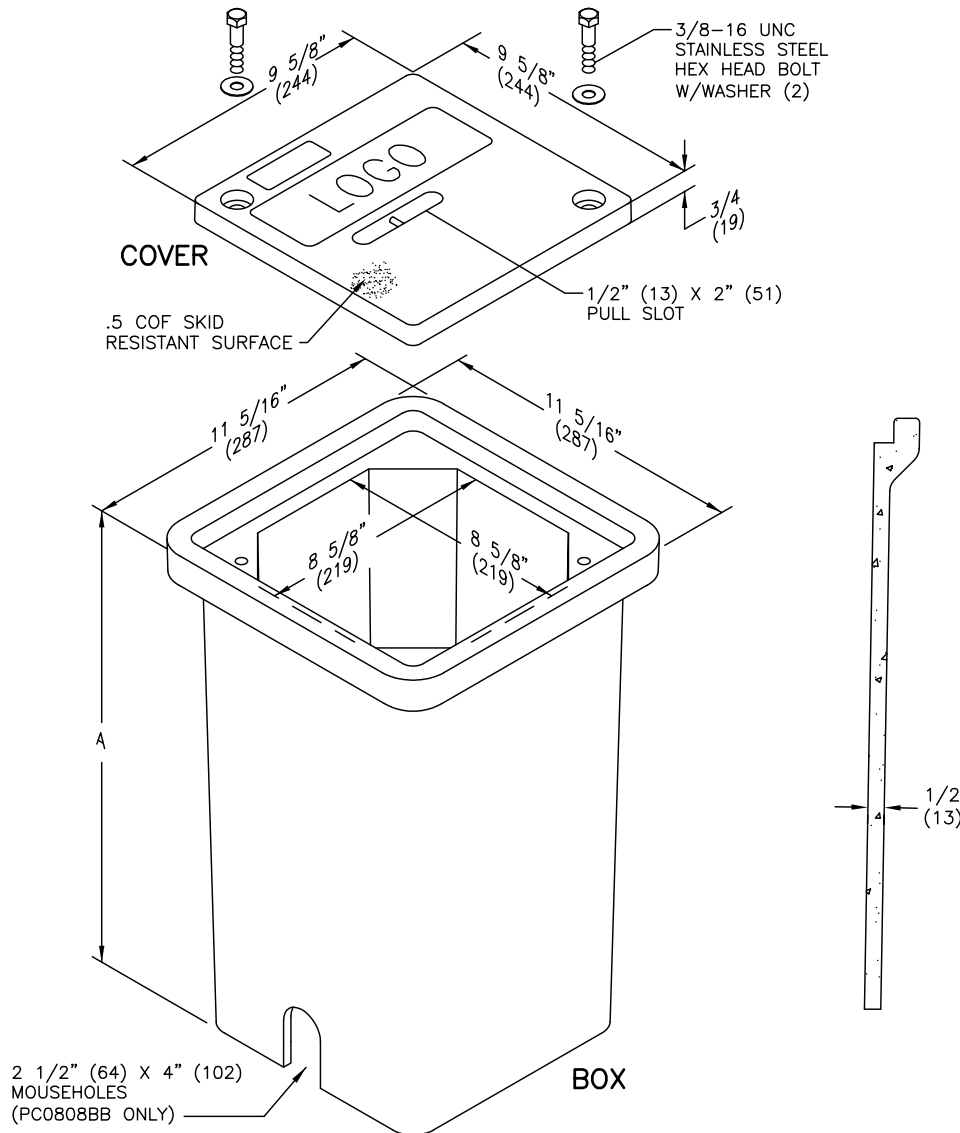
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

APRIL 2009

SPECIFICATIONS/DATA

8" x 8" PC Style (Stackable) Assembly



ENCLOSURE DRAWINGS

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------------------------------|------------|----------|--------------------|------------|
| <div> <div></div> <div></div> </div> | PC0808HA00 | 6 (3 kg) | 15,000 / 22,500 | 15 |
| | PC0808HG00 | 6 (3 kg) | 15,000 / 22,500 | 15 |
| | PC0808HH00 | 6 (3 kg) | 22,500 / 33,750 | 22 |

Boxes (With self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------------------------------|------------|------------|------------------|--------------------|------------|
| <div> <div></div> <div></div> </div> | PC0808BA12 | 25 (11 kg) | 12" (304 mm) | 22,500 / 33,750 | 22 |
| | PC0808BA18 | 36 (16 kg) | 18" (457 mm) | 22,500 / 33,750 | 22 |
| <div> <div></div> <div></div> </div> | PC0808BB12 | 23 (10 kg) | 12" (304 mm) | 22,500 / 33,750 | 22 |
| | PC0808BB18 | 34 (15 kg) | 18" (457 mm) | 22,500 / 33,750 | 22 |
| <div> <div></div> <div></div> </div> | PC0808BG12 | 25 (11 kg) | 12" (304 mm) | 22,500 / 33,750 | 22 |
| | PC0808BG18 | 34 (15 kg) | 18" (457 mm) | 22,500 / 33,750 | 22 |
| <div> <div></div> <div></div> </div> | PC0808DA18 | 42 (19 kg) | 18 1/2" (470 mm) | 22,500 / 33,750 | 22 |
| <div> <div></div> <div></div> </div> | PC0808DG18 | 42 (19 kg) | 18 1/2" (470 mm) | 22,500 / 33,750 | 22 |



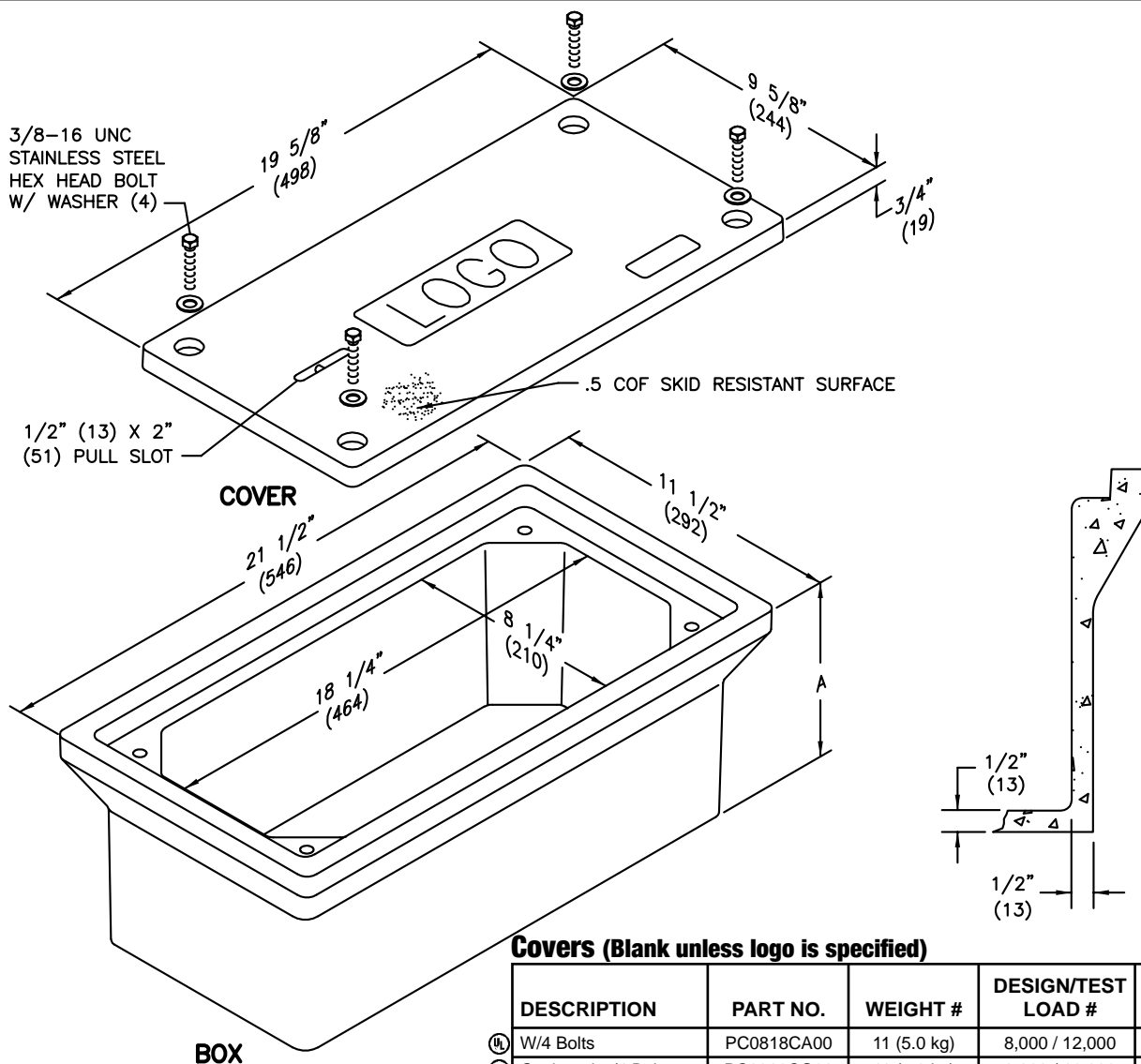
Dimensions & weights in parentheses are metric equivalent.
For gasketed enclosure, see Options Section.

* Loadings comply with ANSI/SCTE 77 (see page 9).

APRIL 2009

SPECIFICATIONS/DATA

8" x 18" PC Style (Stackable) Assembly



Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------------------------|------------|-------------|--------------------|------------|
| W/4 Bolts | PC0818CA00 | 11 (5.0 kg) | 8,000 / 12,000 | 8 |
| Gasketed w/4 Bolts | PC0818CG00 | 11 (5.0 kg) | 8,000 / 12,000 | 8 |
| No Bolts | PC0818WA00 | 11 (5.0 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/4 Bolts | PC0818HA00 | 11 (5.0 kg) | 15,000 / 22,500 | 15 |
| Gasketed Heavy Duty w/4 Bolts | PC0818HG00 | 11 (5.0 kg) | 15,000 / 22,500 | 15 |

* Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DESIGN/TEST LOAD # | ANSI TIER* |
|------------------------|------------|--------------|-----------------|--------------------|------------|
| Open Bottom | PC0818BA07 | 25 (11 kg) | 7" (178 mm) | 15,000 / 22,500 | 15 |
| | PC0818BA08 | 27 (12.2 kg) | 8" (203 mm) | 15,000 / 22,500 | 15 |
| Open Bottom w/ Gasket | PC0818BG07 | 25 (11 kg) | 7" (178 mm) | 15,000 / 22,500 | 15 |
| | PC0818BG08 | 27 (12.2 kg) | 8" (203 mm) | 15,000 / 22,500 | 15 |
| Solid Bottom | PC0818DA07 | 32 (14.5 kg) | 7 1/2" (191 mm) | 15,000 / 22,500 | 15 |
| | PC0818DA08 | 35 (15.9 kg) | 8 1/2" (216 mm) | 15,000 / 22,500 | 15 |
| Solid Bottom w/ Gasket | PC0818DG07 | 32 (14.5 kg) | 7 1/2" (191 mm) | 15,000 / 22,500 | 15 |
| | PC0818DG08 | 35 (15.9 kg) | 8 1/2" (216 mm) | 15,000 / 22,500 | 15 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

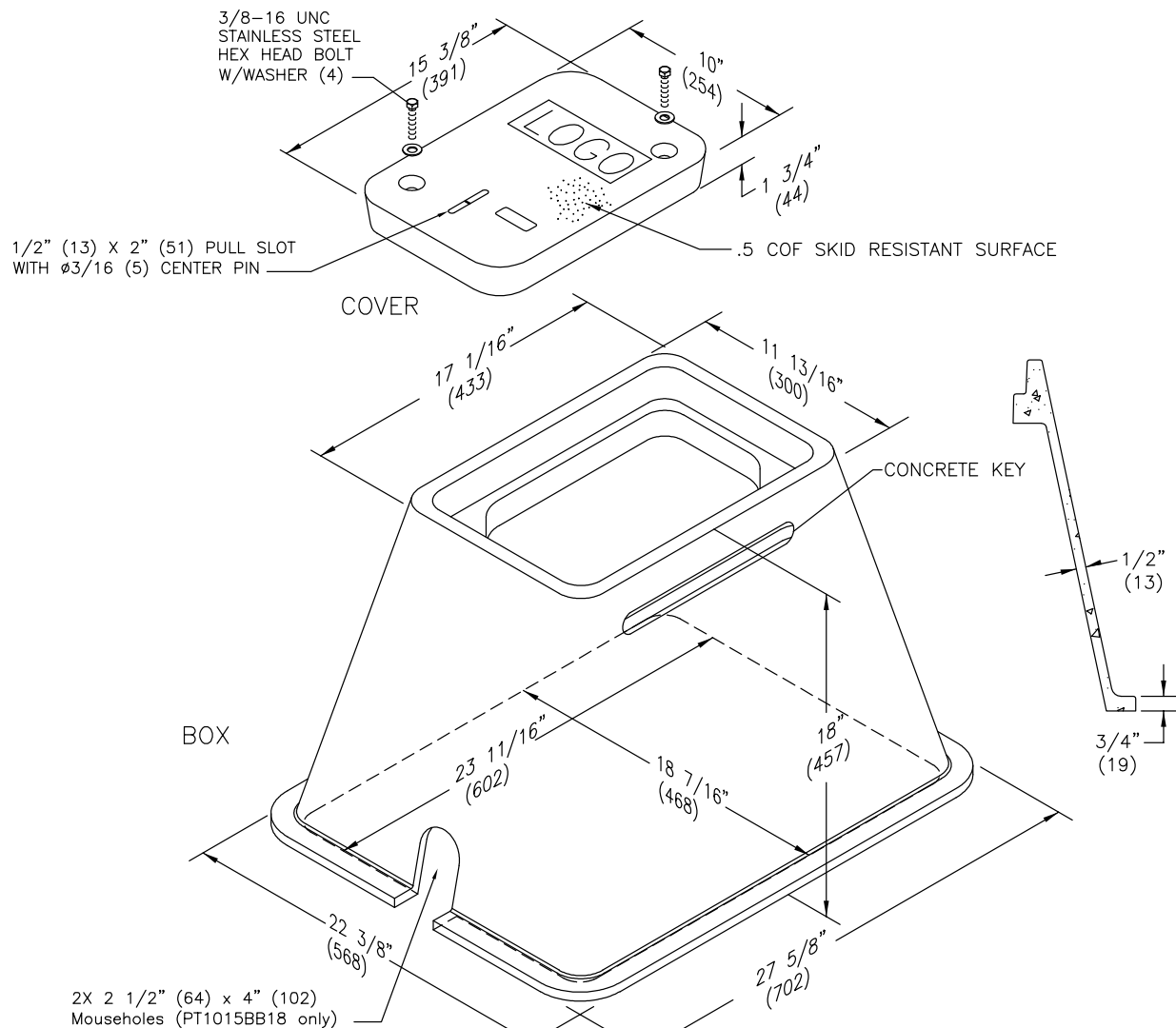
SPECIFICATIONS/DATA

10" x 15" PT Style (Nestable) Assembly

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/ TEST LOAD # | ANSI TIER* |
|----------------------------------|------------|-------------|------------------------|------------|
| W/2 Bolts | PG1015CA00 | 20 (9.0 kg) | 8,000 / 12,000 | 8 |
| Gasketed w/2 Bolts | PG1015CG00 | 20 (9.0 kg) | 8,000 / 12,000 | 8 |
| No Bolts | PG1015WA00 | 20 (9.0 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/2 Bolts | PG1015HA00 | 20 (9.0 kg) | 15,000 / 22,500 | 15 |
| Gasketed Heavy Duty w/2 Bolts | PG1015HG00 | 20 (9.0 kg) | 15,000 / 22,500 | 15 |

* Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



BOXES (Nestable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------------------------|------------|--------------|-----------------------|------------|
| Open Bottom | PT1015BA18 | 70 (32.0 kg) | 15,000 / 22,500 | 15 |
| Open Bottom w/Gasket | PT1015BG18 | 70 (32.0 kg) | 15,000 / 22,500 | 15 |
| Open Bottom w/2 Mouseholes | PT1015BB18 | 69 (31.0 kg) | 15,000 / 22,500 | 15 |

Dimensions & weights in parentheses are metric equivalent.
* Loadings comply with ANSI/SCTE 77 (see page 9).



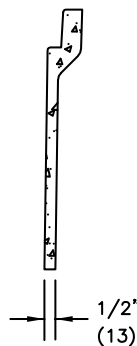
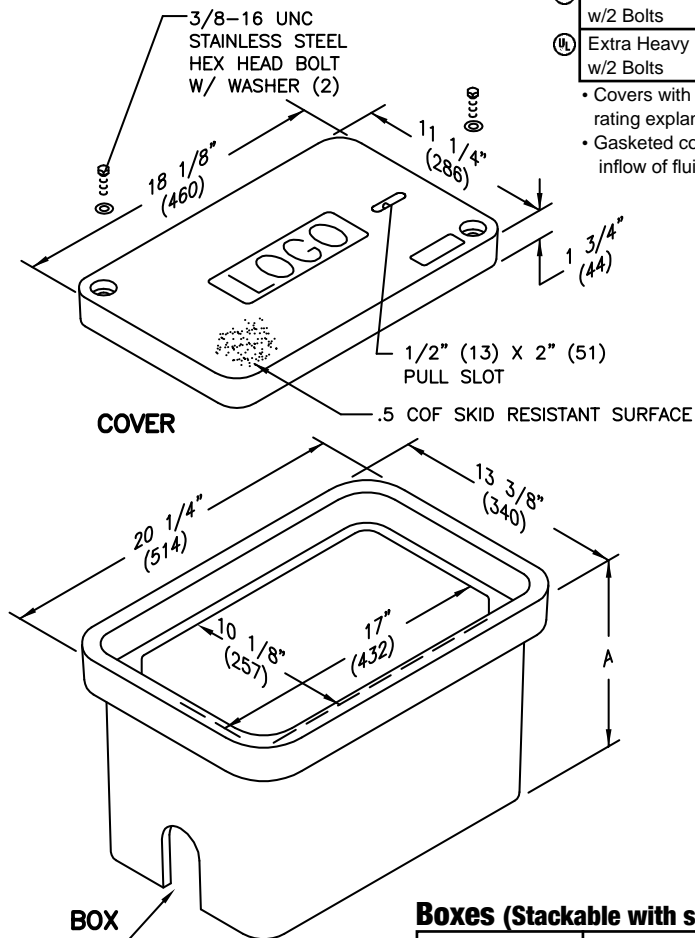
SPECIFICATIONS/DATA

11" x 18" PG Style (Stackable) Assembly

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------------------------|------------|--------------|--------------------|------------|
| W/2 Bolts | PG1118CA00 | 27 (12.2 kg) | 8,000 / 12,000 | 8 |
| Gasketed w/2 Bolts | PG1118CG00 | 27 (12.2 kg) | 8,000 / 12,000 | 8 |
| No Bolts | PG1118WA00 | 27 (12.2 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/2 Bolts | PG1118HA00 | 27 (12.2 kg) | 15,000 / 22,500 | 15 |
| Gasketed Heavy Duty w/2 Bolts | PG1118HG00 | 27 (12.2 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/2 Bolts | PG1118HH00 | 27 (12.2 kg) | 22,500 / 33,750 | 22 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------------|------------|--------------|------------------|--------------------|------------|
| Open Bottom | PG1118BA12 | 40 (18 kg) | 12" (305 mm) | 22,500 / 33,750 | 22 |
| | PG1118BA18 | 53 (24 kg) | 18" (457 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ Gasket | PG1118BG12 | 40 (18 kg) | 12" (305 mm) | 22,500 / 33,750 | 22 |
| | PG1118BG18 | 53 (24 kg) | 18" (457 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ 2 Mouseholes | PG1118BB12 | 40 (18 kg) | 12" (305 mm) | 22,500 / 33,750 | 22 |
| | PG1118BB18 | 53 (24 kg) | 18" (457 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG1118DA12 | 43 (19.5 kg) | 12 1/2" (318 mm) | 22,500 / 33,750 | 22 |
| | PG1118DA18 | 60 (27 kg) | 18 1/2" (470 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom w/ Gasket | PG1118DG12 | 43 (19.5 kg) | 12 1/2" (318 mm) | 22,500 / 33,750 | 22 |
| | PG1118DG18 | 60 (27 kg) | 18 1/2" (470 mm) | 22,500 / 33,750 | 22 |
| Footed Box | PG1118JA12 | 41 (19 kg) | 12 1/2" (318 mm) | 22,500 / 33,750 | 22 |
| | PG1118JA18 | 55 (25 kg) | 18 1/2" (470 mm) | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



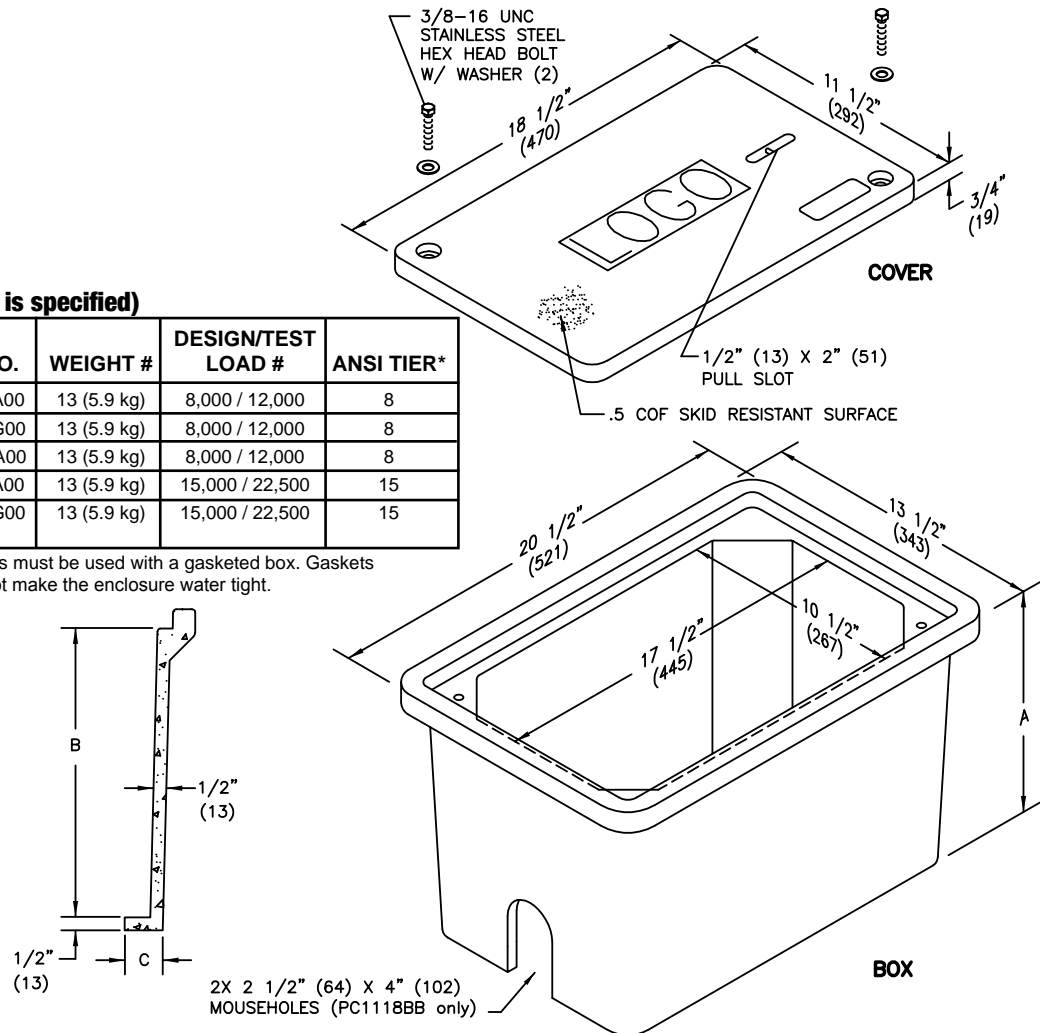
SPECIFICATIONS/DATA

11" x 18" PC Style (Stackable) Assembly

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------------------------|------------|-------------|--------------------|------------|
| W/2 Bolts | PC1118CA00 | 13 (5.9 kg) | 8,000 / 12,000 | 8 |
| Gasketed w/4 Bolts | PC1118CG00 | 13 (5.9 kg) | 8,000 / 12,000 | 8 |
| No Bolts | PC1118WA00 | 13 (5.9 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/2 Bolts | PC1118HA00 | 13 (5.9 kg) | 15,000 / 22,500 | 15 |
| Gasketed Heavy Duty w/4 Bolts | PC1118HG00 | 13 (5.9 kg) | 15,000 / 22,500 | 15 |

* Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------------|------------|--------------|--------------------|------------------|----------------|--------------------|------------|
| Open Bottom | PC1118BA12 | 37 (16.8 kg) | 12" (304.8 mm) | 11 1/4" (286 mm) | N/A | 15,000 / 22,500 | 15 |
| | PC1118BA18 | 53 (24.0 kg) | 18" (457 mm) | 17 1/4" (438 mm) | N/A | 15,000 / 22,500 | 15 |
| Open Bottom w/ Gasket | PC1118BG12 | 37 (16.8 kg) | 12" (304.8 mm) | 11 1/4" (286 mm) | N/A | 15,000 / 22,500 | 15 |
| | PC1118BG18 | 53 (24.0 kg) | 18" (457 mm) | 17 1/4" (438 mm) | N/A | 15,000 / 22,500 | 15 |
| Open Bottom w/ 2 Mouseholes | PC1118BB12 | 36 (16.3 kg) | 12" (304.8 mm) | 11 1/4" (286 mm) | N/A | 15,000 / 22,500 | 15 |
| | PC1118BB18 | 52 (23.6 kg) | 18" (457 mm) | 17 1/4" (438 mm) | N/A | 15,000 / 22,500 | 15 |
| Solid Bottom | PC1118DA12 | 45 (20.4 kg) | 12 1/2" (317.5 mm) | 11 1/4" (286 mm) | N/A | 15,000 / 22,500 | 15 |
| | PC1118DA18 | 60 (27.2 kg) | 18 1/2" (470 mm) | 17 1/4" (438 mm) | N/A | 15,000 / 22,500 | 15 |
| Solid Bottom w/ Gasket | PC1118DG12 | 45 (20.4 kg) | 12 1/2" (317.5 mm) | 11 1/4" (286 mm) | N/A | 15,000 / 22,500 | 15 |
| | PC1118DG18 | 60 (27.2 kg) | 18 1/2" (470 mm) | 17 1/4" (438 mm) | N/A | 15,000 / 22,500 | 15 |
| Footed Box | PC1118JA12 | 37 (16.8 kg) | 12 1/2" (317.5 mm) | 11 1/4" (286 mm) | 1 1/2" (38 mm) | 15,000 / 22,500 | 15 |
| | PC1118JA18 | 56 (25.4 kg) | 18 1/2" (470 mm) | 17 1/4" (438 mm) | 1 1/2" (38 mm) | 15,000 / 22,500 | 15 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



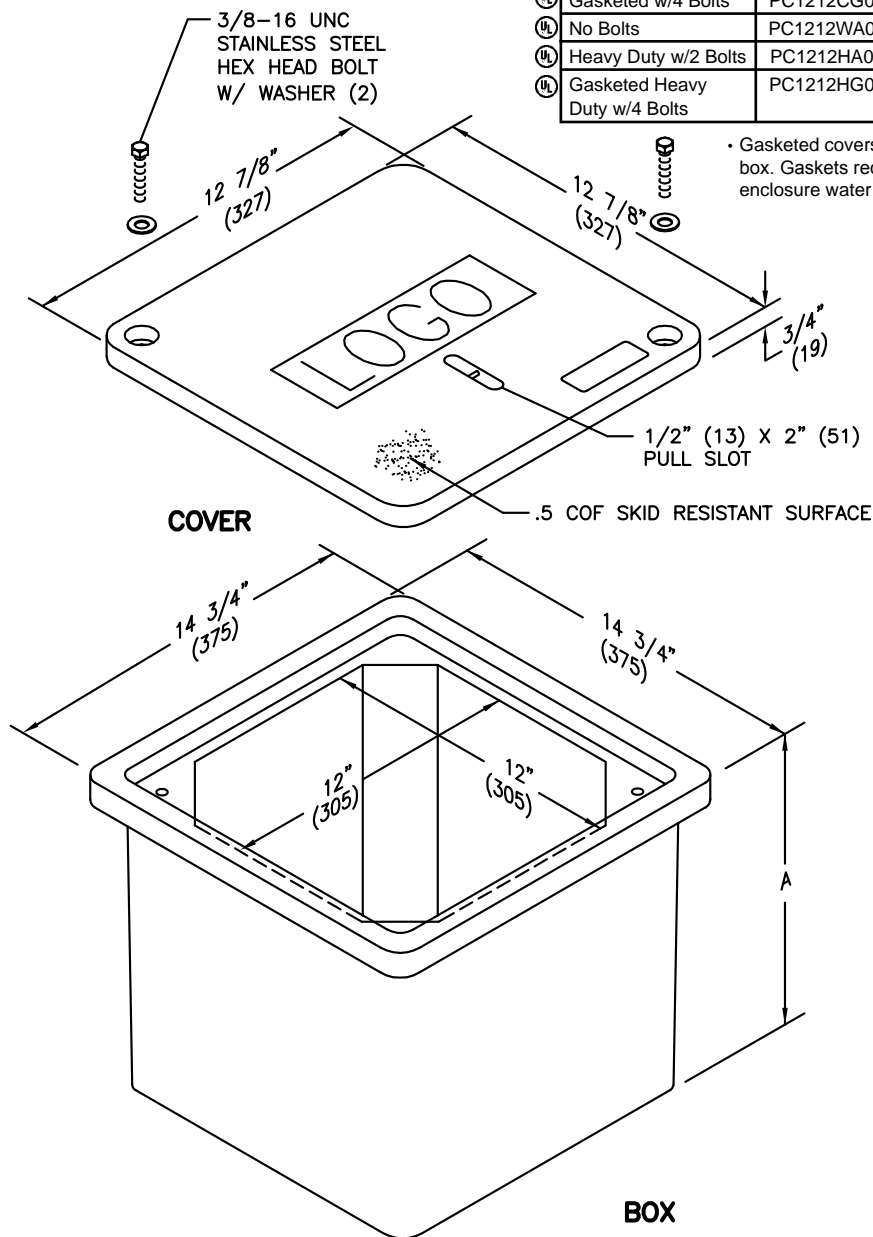
SPECIFICATIONS/DATA

12" x 12" PC Style (Stackable) Assembly

Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|-------------------------------|------------|-------------|--------------------|------------|
| Ⓛ | W/2 Bolts | PC1212CA00 | 12 (5.4 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | Gasketed w/4 Bolts | PC1212CG00 | 12 (5.4 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | No Bolts | PC1212WA00 | 12 (5.4 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | Heavy Duty w/2 Bolts | PC1212HA00 | 12 (5.4 kg) | 15,000 / 22,500 | 15 |
| Ⓛ | Gasketed Heavy Duty w/4 Bolts | PC1212HG00 | 12 (5.4 kg) | 15,000 / 22,500 | 15 |

* Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DESIGN/TEST LOAD # | ANSI TIER* |
|---|-----------------------|------------|------------|------------------|--------------------|------------|
| Ⓛ | Open Bottom | PC1212BA12 | 36 (16 kg) | 12 3/4" (324 mm) | 15,000 / 22,500 | 15 |
| Ⓛ | Open Bottom w/Gasket | PC1212BG12 | 36 (16 kg) | 12 3/4" (324 mm) | 15,000 / 22,500 | 15 |
| Ⓛ | Solid Bottom | PC1212DA12 | 41 (19 kg) | 13 1/4" (337 mm) | 15,000 / 22,500 | 15 |
| Ⓛ | Solid Bottom w/Gasket | PC1212DG12 | 41 (19 kg) | 13 1/4" (337 mm) | 15,000 / 22,500 | 15 |

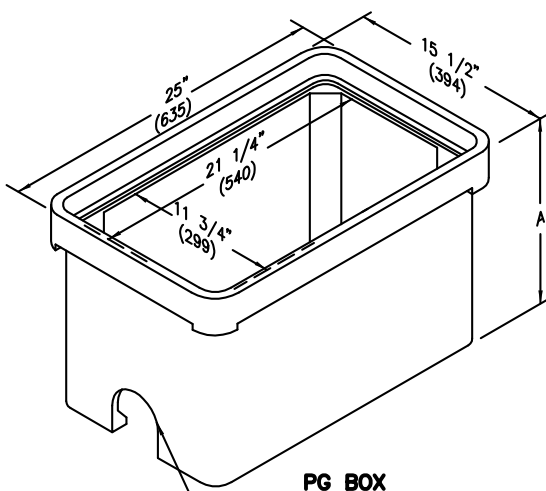
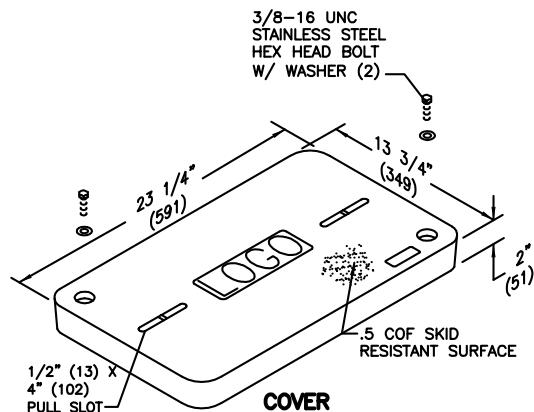
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

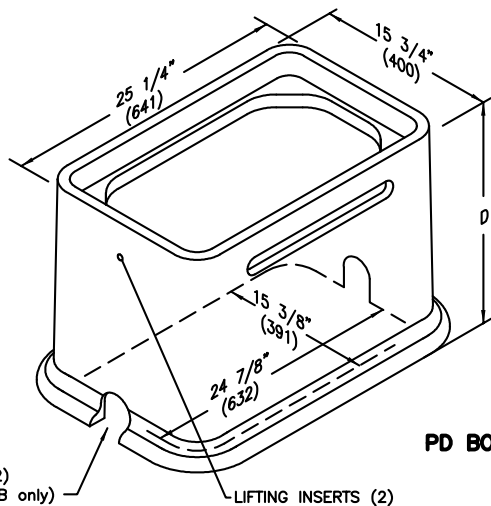
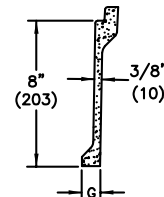
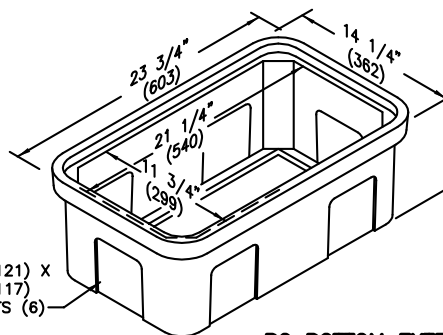
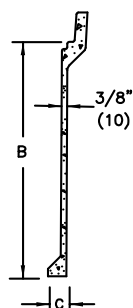


SPECIFICATIONS/DATA

13" x 24" PG Style (Stackable) Assembly and 13" x 24" PD Style Assembly

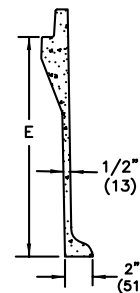


2X 4" (102) X 4" (102)
MOUSEHOLES (PG1324BB only)



2X 4" (102) X 4" (102)
MOUSEHOLES (PD1324BB only)

LIFTING INSERTS (2)



SPECIFICATIONS/DATA

13" x 24" PG Style (Stackable) Assembly and 13" x 24" PD Style Assembly

Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------|-------------------------------|------------|------------|--------------------|------------|
| U ₁ | W/2 Bolts | PG1324CA00 | 33 (15 kg) | 8,000 / 12,000 | 8 |
| U ₁ | Gasketed w/2 Bolts | PG1324CG00 | 33 (15 kg) | 8,000 / 12,000 | 8 |
| U ₁ | No Bolts | PG1324WA00 | 33 (15 kg) | 8,000 / 12,000 | 8 |
| U ₁ | Heavy Duty w/2 Bolts | PG1324HA00 | 51 (23 kg) | 15,000 / 22,500 | 15 |
| U ₁ | Gasketed Heavy Duty w/2 Bolts | PG1324HG00 | 51 (23 kg) | 15,000 / 22,500 | 15 |
| U ₁ | Extra Heavy Duty w/2 Bolts | PG1324HH00 | 54 (24 kg) | 22,500 / 33,750 | 22 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

PG Boxes (Stackable with self-aligning, replaceable EZ Nut)

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------|----------------------------|------------|--------------|------------------|--------------|----------------|--------------------|------------|
| U ₁ | Open Bottom | PG1324BA12 | 53 (24 kg) | 12" (305 mm) | 10" (254 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1324BA18 | 72 (33 kg) | 18" (457 mm) | 16" (406 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| U ₁ | Open Bottom w/2 Mouseholes | PG1324BB12 | 49 (22.2 kg) | 12" (305 mm) | 10" (254 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1324BB18 | 68 (31 kg) | 18" (457 mm) | 16" (406 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| U ₁ | Solid Bottom | PG1324DA12 | 63 (28.6 kg) | 12 1/2" (318 mm) | 10" (254 mm) | N/A | 22,500 / 33,750 | 22 |
| | | PG1324DA18 | 85 (39 kg) | 18 1/2" (470 mm) | 16" (406 mm) | N/A | 22,500 / 33,750 | 22 |

PD Boxes

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION D | DIMENSION E | DESIGN/TEST LOAD # | ANSI TIER* |
|--|----------------------------|------------|-------------|--------------|--------------|--------------------|------------|
| | Open Bottom | PD1324BA18 | 104 (47 kg) | 18" (457 mm) | 16" (406 mm) | 22,500 / 33,750 | 22 |
| | | PD1324BA26 | 133 (60 kg) | 26" (660 mm) | 24" (610 mm) | 22,500 / 33,750 | 22 |
| | Open Bottom w/2 Mouseholes | PD1324BB18 | 102 (46 kg) | 18" (457 mm) | 16" (406 mm) | 22,500 / 33,750 | 22 |
| | | PD1324BB26 | 131 (59 kg) | 26" (660 mm) | 24" (610 mm) | 22,500 / 33,750 | 22 |
| | Open Bottom w/Gasket | PD1324BG18 | 104 (47 kg) | 18" (457 mm) | 16" (406 mm) | 22,500 / 33,750 | 22 |
| | | PD1324BG26 | 133 (60 kg) | 26" (660 mm) | 24" (610 mm) | 22,500 / 33,750 | 22 |

Extensions (For use under box only, one per box.)

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION F | DIMENSION G | DESIGN/TEST LOAD # | ANSI TIER* |
|--|--------------|------------|--------------|-----------------|-------------|--------------------|------------|
| | Open Bottom | PG1324EA08 | 25 (11.3 kg) | 8 3/4" (222 mm) | 1" (25 mm) | 22,500 / 33,750 | 22 |
| | Solid Bottom | PG1324RA08 | 35 (15.9 kg) | 9 1/4" (235 mm) | N/A | 22,500 / 33,750 | 22 |

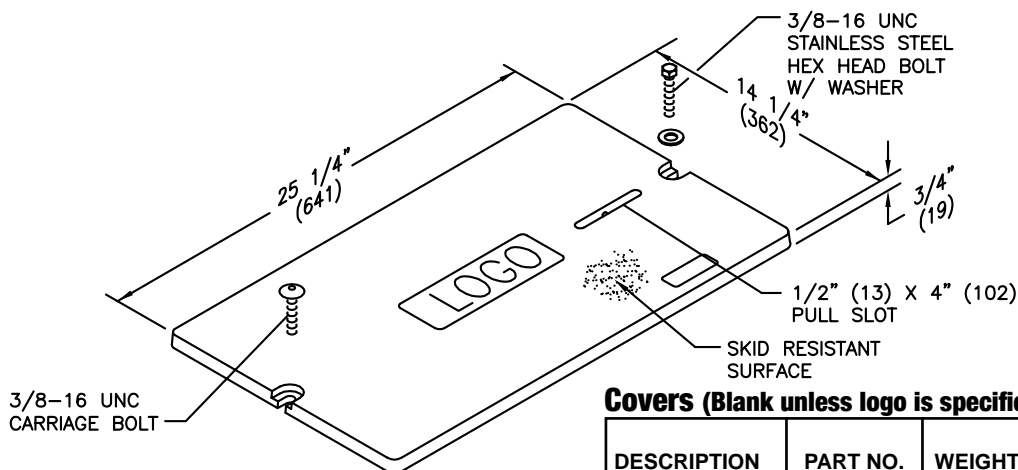
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

13" x 24" PC Style (Stackable) Assembly

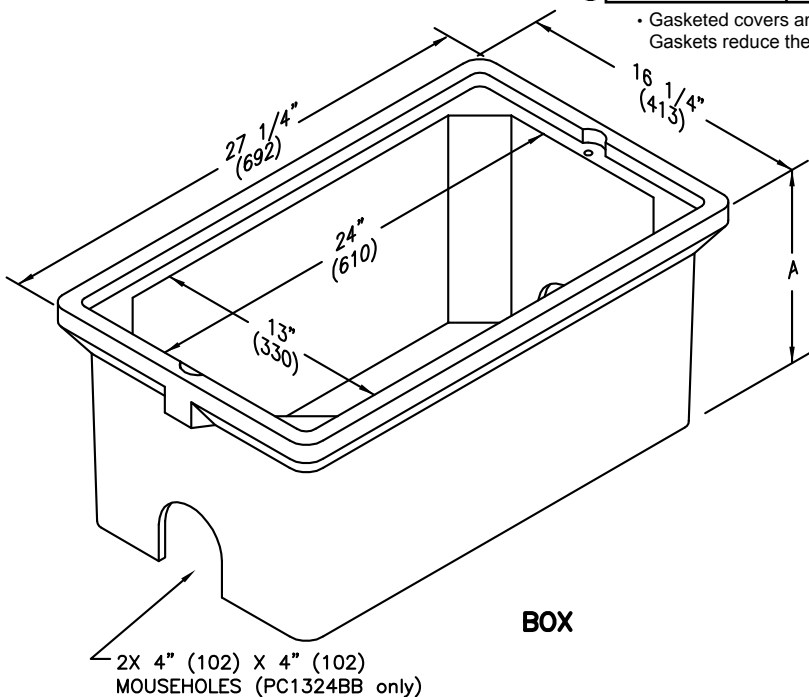


COVER

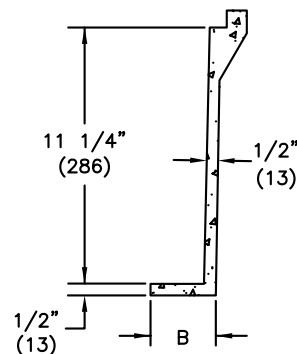
Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/ TEST LOAD # | ANSI TIER* |
|---|--------------------|------------|--------------|------------------------|------------|
| Ⓛ | W/2 Bolts | PC1324CA00 | 23 (10.4 kg) | 5,000 / 7,500 | 5 |
| Ⓛ | Gasketed w/2 Bolts | PC1324CG00 | 23 (10.4 kg) | 5,000 / 7,500 | 5 |
| Ⓛ | No Bolts | PC1324WA00 | 23 (10.4 kg) | 5,000 / 7,500 | 5 |

- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



BOX



Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|---|----------------------------|------------|--------------|------------------|----------------|-----------------------|------------|
| Ⓛ | Open Bottom | PC1324BA12 | 50 (22.7 kg) | 12" (305 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓛ | Open Bottom w/Gasket | PC1324BG12 | 50 (22.7 kg) | 12" (305 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓛ | Open Bottom w/2 Mouseholes | PC1324BB12 | 50 (22.7 kg) | 12" (305 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓛ | Solid Bottom | PC1324DA12 | 60 (27.2 kg) | 12 1/2" (318 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓛ | Solid Bottom w/Gasket | PC1324DG12 | 60 (27.2 kg) | 12 1/2" (318 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓛ | Footed Box | PC1324JA12 | 57 (25.9 kg) | 12 1/2" (318 mm) | 2 7/8" (73 mm) | 5,000 / 7,500 | 5 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

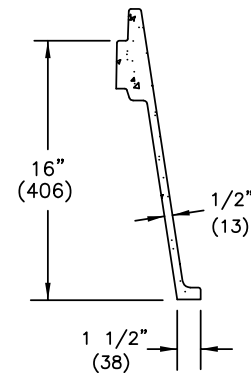
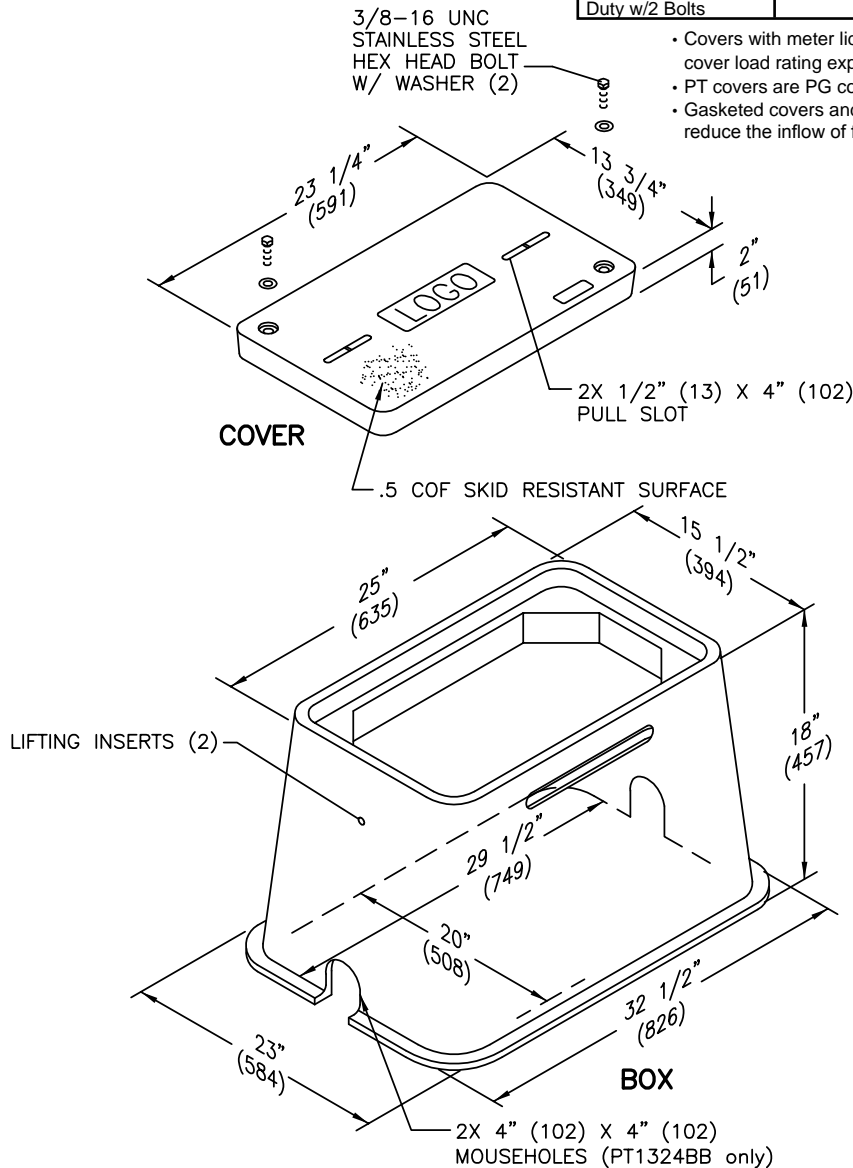
SPECIFICATIONS/DATA

13" x 24" PT Style (Nestable) Assembly

Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|-------------------------------|------------|--------------|--------------------|------------|
| Ⓚ | W/2 Bolts | PT1324CA00 | 32 (14.5 kg) | 8,000 / 12,000 | 8 |
| Ⓚ | Gasketed w/2 Bolts | PT1324CG00 | 32 (14.5 kg) | 8,000 / 12,000 | 8 |
| Ⓚ | No Bolts | PT1324WA00 | 32 (14.5 kg) | 8,000 / 12,000 | 8 |
| Ⓚ | Heavy Duty w/2 Bolts | PT1324HA00 | 49 (22.2 kg) | 15,000 / 22,500 | 15 |
| Ⓚ | Gasketed Heavy Duty w/2 Bolts | PT1324HG00 | 49 (22.2 kg) | 15,000 / 22,500 | 15 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- PT covers are PG covers with shorter bolts.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



Boxes (Nestable)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|----------------------------|------------|--------------|--------------------|------------|
| Ⓚ | Open Bottom | PT1324BA18 | 97 (44.0 kg) | 15,000 / 22,500 | 15 |
| Ⓚ | Open Bottom w/Gasket | PT1324BG18 | 97 (44.0 kg) | 15,000 / 22,500 | 15 |
| Ⓚ | Open Bottom w/2 Mouseholes | PT1324BB18 | 96 (43.5 kg) | 15,000 / 22,500 | 15 |

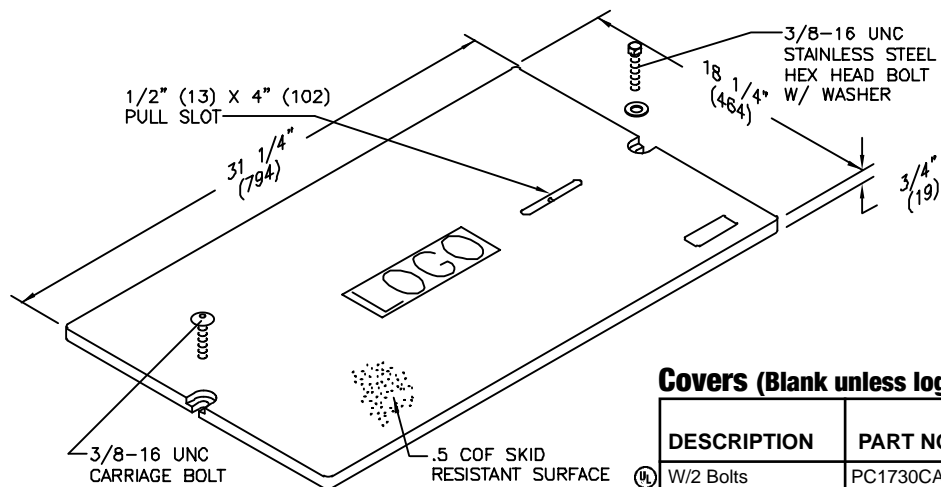
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

17" x 30" PC Style (Stackable) Assembly

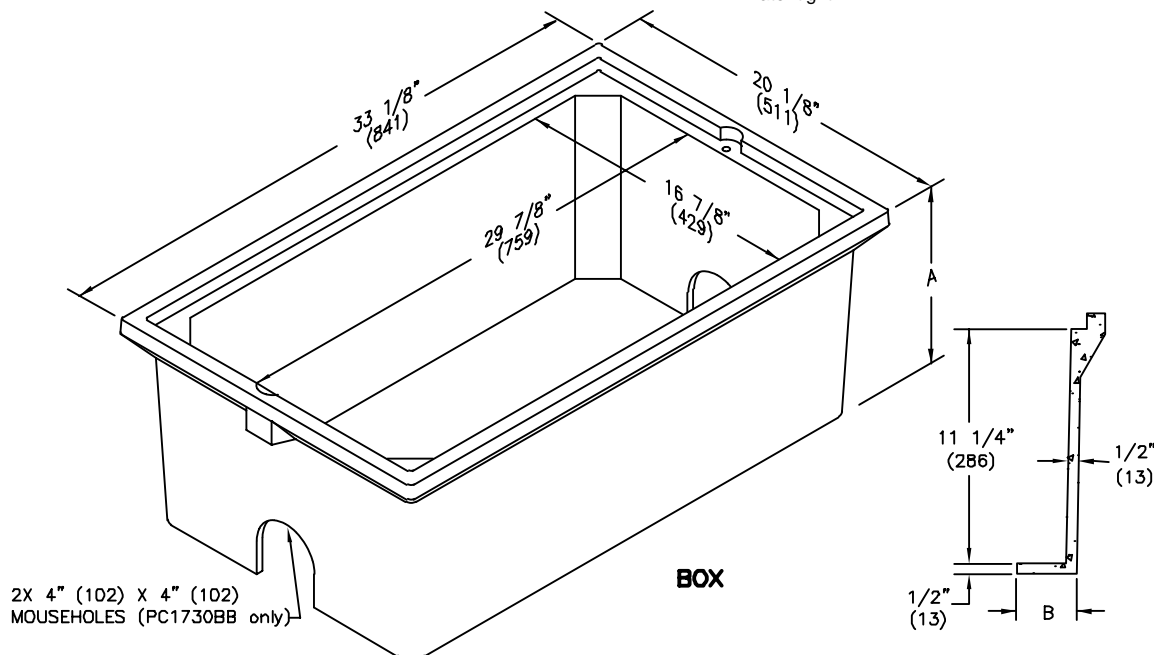


COVER

Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|--------------------|------------|--------------|--------------------|------------|
| Ⓢ | W/2 Bolts | PC1730CA00 | 33 (15.0 kg) | 5,000 / 7,500 | 5 |
| Ⓢ | Gasketed w/2 Bolts | PC1730CG00 | 33 (15.0 kg) | 5,000 / 7,500 | 5 |
| Ⓢ | No Bolts | PC1730WA00 | 33 (15.0 kg) | 5,000 / 7,500 | 5 |

• Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



BOX

2X 4" (102) X 4" (102)
MOUSEHOLES (PC1730BB only)

Boxes (Stackable with self-aligning, replaceable EZ-Nut)

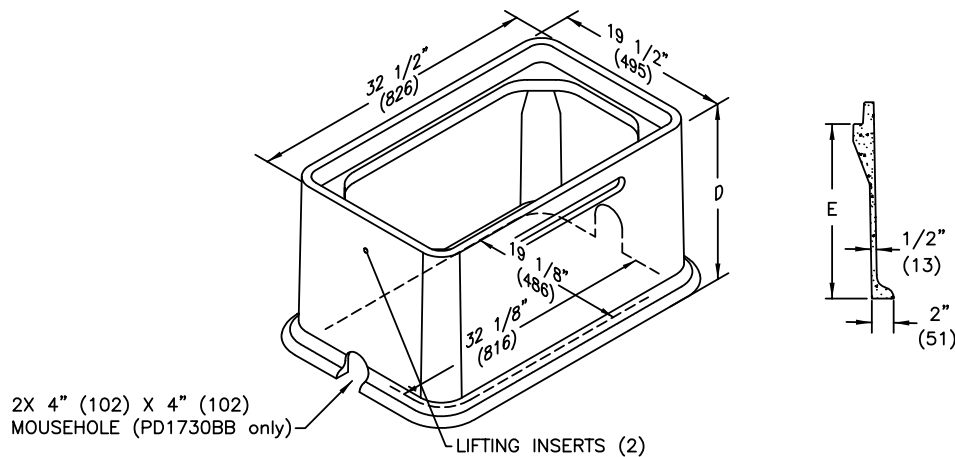
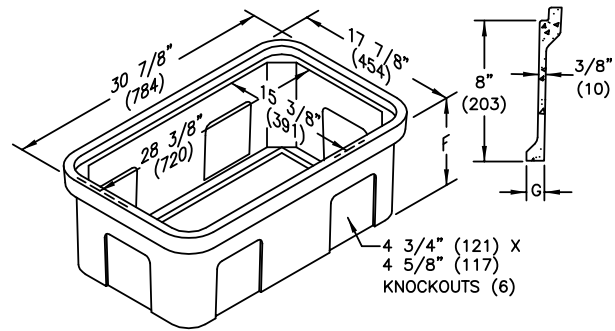
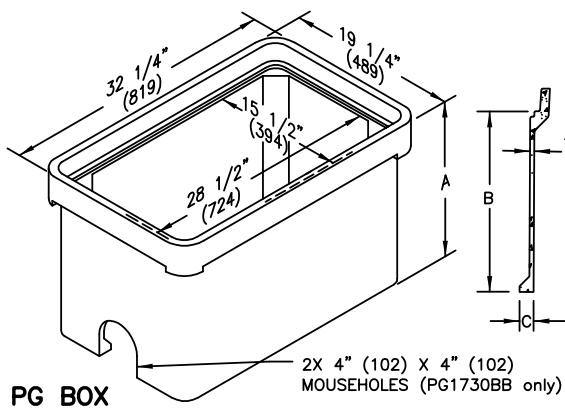
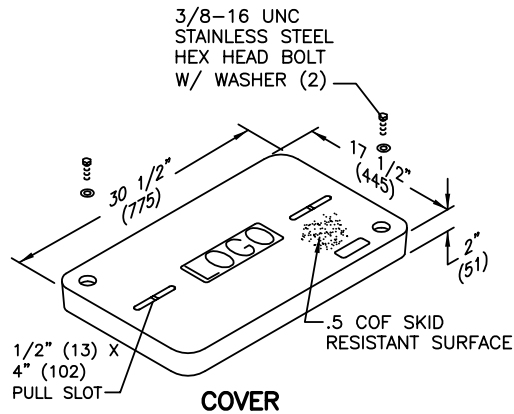
| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|---|----------------------------|------------|--------------|------------------|----------------|--------------------|------------|
| Ⓢ | Open Bottom | PC1730BA12 | 58 (26.3 kg) | 12" (305 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓢ | Open Bottom w/Gasket | PC1730BG12 | 58 (26.3 kg) | 12" (305 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓢ | Open Bottom w/2 Mouseholes | PC1730BB12 | 58 (26.3 kg) | 12" (305 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓢ | Solid Bottom | PC1730DA12 | 83 (37.6 kg) | 12 1/2" (318 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓢ | Solid Bottom w/Gasket | PC1730DG12 | 83 (37.6 kg) | 12 1/2" (318 mm) | N/A | 5,000 / 7,500 | 5 |
| Ⓢ | Footed Box | PC1730JA12 | 67 (30.4 kg) | 12 1/2" (318 mm) | 2 7/8" (73 mm) | 5,000 / 7,500 | 5 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

SPECIFICATIONS/DATA

17" x 30" PG Style (Stackable) Assembly and 17" x 30" PD Style Assembly



17" x 30" PG Style (Stackable) Assembly and 17" x 30 PD Style Assembly

SPECIFICATIONS/DATA

Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------|-------------------------------|------------|--------------|--------------------|------------|
| U ₁ | W/2 Bolts | PG1730CA00 | 52 (23.6 kg) | 8,000 / 12,000 | 8 |
| U ₁ | Gasketed w/2 Bolts | PG1730CG00 | 52 (23.6 kg) | 8,000 / 12,000 | 8 |
| U ₁ | No Bolts | PG1730WA00 | 52 (23.6 kg) | 8,000 / 12,000 | 8 |
| U ₁ | Heavy Duty w/2 Bolts | PG1730HA00 | 83 (37.6 kg) | 15,000 / 22,500 | 15 |
| U ₁ | Gasketed Heavy Duty w/2 Bolts | PG1730HG00 | 83 (37.6 kg) | 15,000 / 22,500 | 15 |
| U ₁ | Extra Heavy Duty w/2 Bolts | PG1730HH00 | 83 (37.6 kg) | 22,500 / 33,750 | 22 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

PG Boxes (Stackable with self-aligning, replaceable EZ Nut) **22" - 30" Deep boxes must be used as bottom of any stack.)

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------|----------------------------|------------|---------------|------------------|--------------|----------------|--------------------|------------|
| U ₁ | Open Bottom | PG1730BA12 | 67 (30.4 kg) | 12" (305 mm) | 10" (254 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BA18 | 94 (42.6 kg) | 18" (457 mm) | 16" (406 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BA22 | 106 (48.1 kg) | 22" (559 mm) | 20" (508 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BA24 | 122 (55.3 kg) | 24" (610 mm) | 22" (559 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BA28 | 126 (57.2 kg) | 28" (711 mm) | 26" (660 mm) | 1/2" (13 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BA30 | 144 (65.3 kg) | 30" (762 mm) | 28" (711 mm) | 1/2" (13 mm) | 22,500 / 33,750 | 22 |
| U ₁ | Open Bottom w/2 Mouseholes | PG1730BB12 | 65 (29.5 kg) | 12" (305 mm) | 10" (254 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BB18 | 92 (41.7 kg) | 18" (457 mm) | 16" (406 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BB22 | 104 (47.2 kg) | 22" (559 mm) | 20" (508 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BB24 | 120 (54.4 kg) | 24" (610 mm) | 22" (559 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BB28 | 124 (56.2 kg) | 28" (711 mm) | 26" (660 mm) | 1/2" (13 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BB30 | 142 (64.4 kg) | 30" (762 mm) | 28" (711 mm) | 1/2" (13 mm) | 22,500 / 33,750 | 22 |
| U ₁ | Open Bottom w/Gasket | PG1730BG12 | 67 (30.4 kg) | 12" (305 mm) | 10" (254 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BG18 | 94 (42.6 kg) | 18" (457 mm) | 16" (406 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BG22 | 106 (48.1 kg) | 22" (559 mm) | 20" (508 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BG24 | 122 (55.3 kg) | 24" (610 mm) | 22" (559 mm) | 1 1/4" (32 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BG28 | 126 (57.2 kg) | 28" (711 mm) | 26" (660 mm) | 1/2" (13 mm) | 22,500 / 33,750 | 22 |
| | | PG1730BG30 | 144 (65.3 kg) | 30" (762 mm) | 28" (711 mm) | 1/2" (13 mm) | 22,500 / 33,750 | 22 |
| U ₁ | Solid Bottom | PG1730DA12 | 85 (38.5 kg) | 12 1/2" (318 mm) | 10" (254 mm) | N/A | 22,500 / 33,750 | 22 |
| | | PG1730DA18 | 112 (50.8 kg) | 18 1/2" (470 mm) | 16" (406 mm) | N/A | 22,500 / 33,750 | 22 |
| | | PG1730DA22 | 124 (56.2 kg) | 22 1/2" (572 mm) | 20" (508 mm) | N/A | 22,500 / 33,750 | 22 |
| | | PG1730DA24 | 137 (62.0 kg) | 24 1/2" (622 mm) | 22" (559 mm) | N/A | 22,500 / 33,750 | 22 |
| | | PG1730DA28 | 143 (64.9 kg) | 28 1/2" (724 mm) | 26" (660 mm) | N/A | 22,500 / 33,750 | 22 |
| | | PG1730DA30 | 150 (68.0 kg) | 30 1/2" (775 mm) | 28" (711 mm) | N/A | 22,500 / 33,750 | 22 |

PD Boxes

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION D | DIMENSION E | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------|----------------------------|------------|-------------|--------------|--------------|--------------------|------------|
| U ₁ | Open Bottom | PD1730BA18 | 129 (59 kg) | 18" (457 mm) | 16" (406 mm) | 22,500 / 33,750 | 22 |
| | | PD1730BA26 | 166 (75 kg) | 26" (660 mm) | 24" (610 mm) | 22,500 / 33,750 | 22 |
| U ₁ | Open Bottom w/2 Mouseholes | PD1730BB18 | 127 (58 kg) | 18" (457 mm) | 16" (406 mm) | 22,500 / 33,750 | 22 |
| | | PD1730BB26 | 164 (74 kg) | 26" (660 mm) | 24" (610 mm) | 22,500 / 33,750 | 22 |
| U ₁ | Open Bottom w/Gasket | PD1730BG18 | 129 (59 kg) | 18" (457 mm) | 16" (406 mm) | 22,500 / 33,750 | 22 |
| | | PD1730BG26 | 166 (75 kg) | 26" (660 mm) | 24" (610 mm) | 22,500 / 33,750 | 22 |

Extensions (For use under 12" and 18" boxes only, one per box.)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION F | DIMENSION G | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|--------------|-----------------|-------------|--------------------|------------|
| Open Bottom | PG1730EA08 | 36 (16.3 kg) | 8 3/4" (222 mm) | 1" (25 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG1730RA08 | 55 (24.9 kg) | 9 1/4" (235 mm) | N/A | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

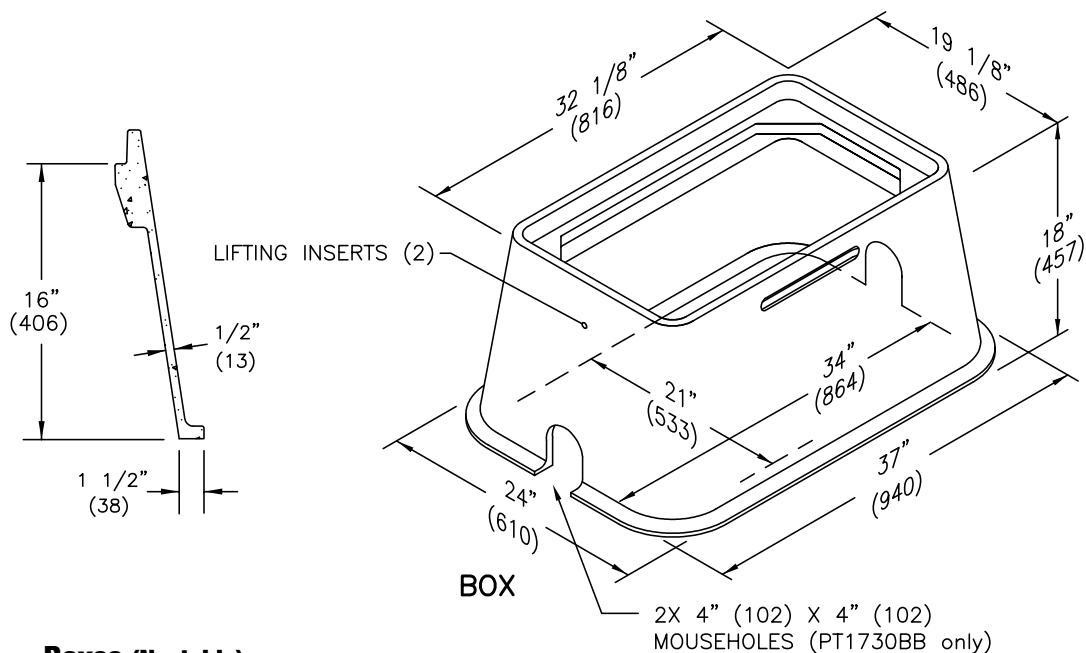
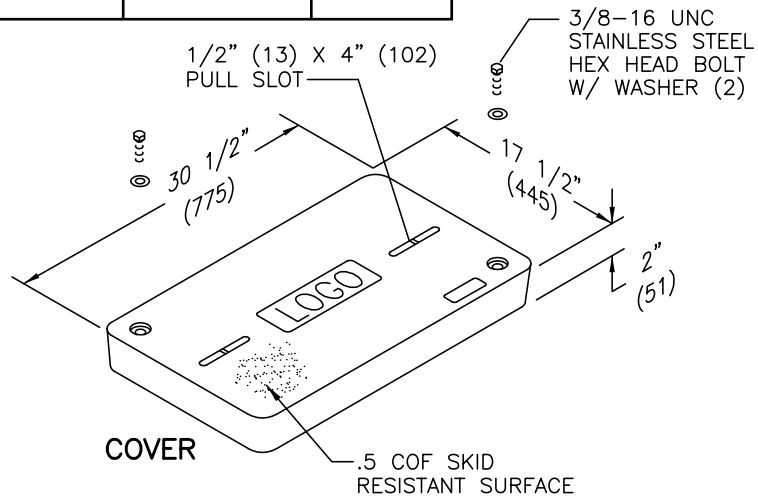
SPECIFICATIONS/DATA

17" x 30" PT Style (Nestable) Assembly

Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|-------------------------------|------------|--------------|--------------------|------------|
| Ⓛ | W/2 Bolts | PT1730CA00 | 52 (23.6 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | Gasketed w/2 Bolts | PT1730CG00 | 52 (23.6 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | No Bolts | PT1730WA00 | 52 (23.6 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | Heavy Duty w/2 Bolts | PT1730HA00 | 83 (37.6 kg) | 15,000 / 22,500 | 15 |
| Ⓛ | Gasketed Heavy Duty w/2 Bolts | PT1730HG00 | 83 (37.6 kg) | 15,000 / 22,500 | 15 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- PT covers are PG covers with shorter bolts
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



Boxes (Nestable)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|----------------------------|------------|---------------|--------------------|------------|
| Ⓛ | Open Bottom | PT1730BA18 | 126 (57.2 kg) | 15,000 / 22,500 | 15 |
| Ⓛ | Open Bottom w/Gasket | PT1730BG18 | 126 (57.2 kg) | 15,000 / 22,500 | 15 |
| Ⓛ | Open Bottom w/2 Mouseholes | PT1730BB18 | 125 (56.7 kg) | 15,000 / 22,500 | 15 |

Dimensions & weights in parentheses are metric equivalent.
* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

24" x 24" PG Style (Stackable) Assembly

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------------------------|------------|---------------|--------------------|------------|
| W/2 Bolts | PG2424CA00 | 70 (32.0 kg) | 8,000 / 12,000 | 8 |
| Gasketed w/2 Bolts | PG2424CG00 | 70 (32.0 kg) | 8,000 / 12,000 | 8 |
| No Bolts | PG2424WA00 | 70 (32.0 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/2 Bolts | PG2424HA00 | 100 (45.4 kg) | 15,000 / 22,500 | 15 |
| Gasketed Heavy Duty w/2 Bolts | PG2424HG00 | 100 (45.4 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/2 Bolts | PG2424HH00 | 100 (45.4 kg) | 22,500 / 33,750 | 22 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

3/8-16 UNC
STAINLESS STEEL
HEX HEAD BOLT
W/ WASHER (2)

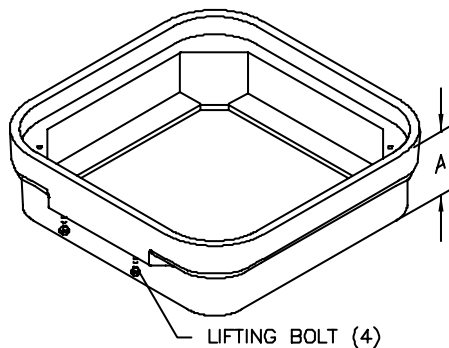
COVER

.5 COF SKID
RESISTANT SURFACE

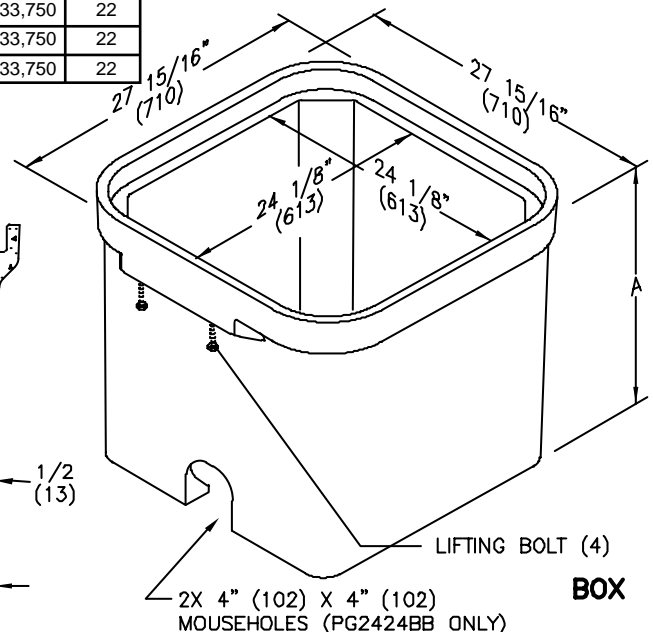
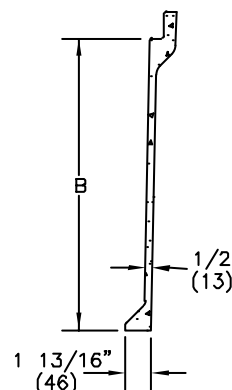
Boxes (Stackable with self-aligning, replaceable EZ Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------------------|------------|---------------|------------------|--------------------|------------|
| Open Bottom | PG2424BA24 | 165 (75.0 kg) | 24" (610 kg) | 22,500 / 33,750 | 22 |
| Open Bottom w/Gasket | PG2424BG24 | 165 (75.0 kg) | 24" (610 kg) | 22,500 / 33,750 | 22 |
| Open Bottom w/2 Mouseholes | PG2424BB24 | 165 (75.0 kg) | 24" (610 kg) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG2424DA24 | 185 (83.0 kg) | 24 1/2" (622 kg) | 22,500 / 33,750 | 22 |
| Solid Bottom w/Gasket | PG2424DG24 | 185 (83.0 kg) | 24 1/2" (622 kg) | 22,500 / 33,750 | 22 |

1/2" (13) x 4" (102)
PULL SLOT W/
Ø1/4" (6) CENTER PIN



EXTENSION



BOX

Extensions (Stackable - can be used as a top or bottom extension)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|---------------|------------------|--------------------|------------|
| Open Bottom | PG2424EA06 | 71 (32.0 kg) | 8" (203 mm) | 15,000 / 22,500 | 15 |
| | PG2424EA12 | 112 (51.0 kg) | 14" (356 mm) | 15,000 / 22,500 | 15 |
| Solid Bottom | PG2424RA06 | 96 (44.0 kg) | 8 1/2" (216 mm) | 15,000 / 22,500 | 15 |
| | PG2424RA12 | 130 (59.0 kg) | 14 1/2" (368 mm) | 15,000 / 22,500 | 15 |

Dimensions & weights in parentheses are metric equivalent.

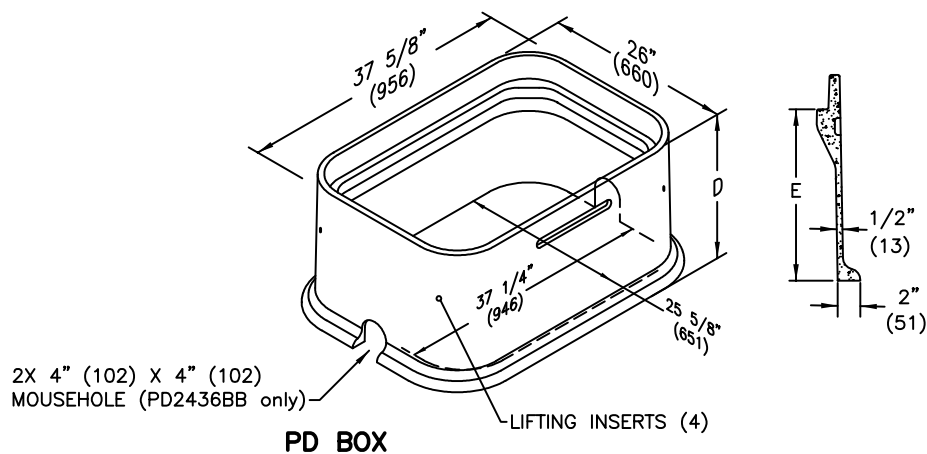
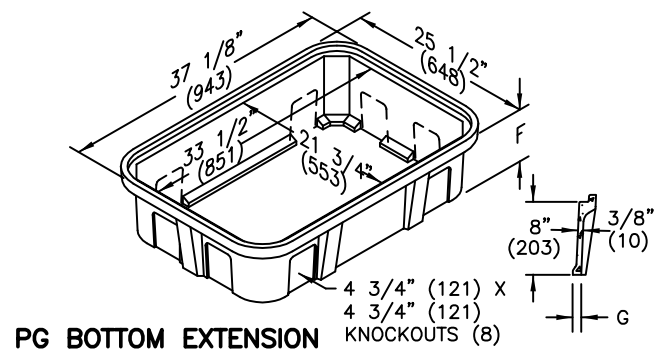
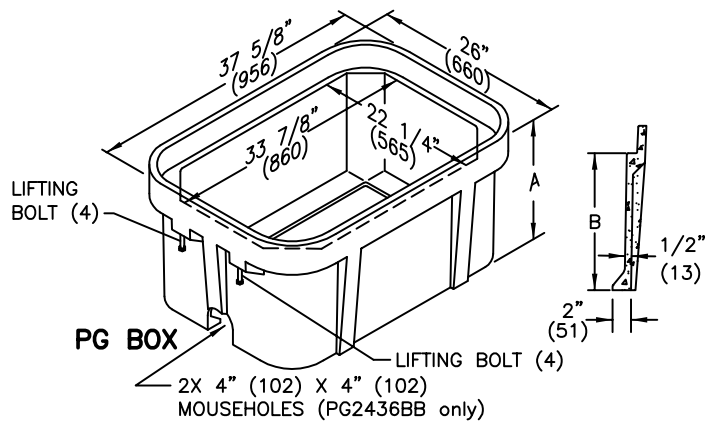
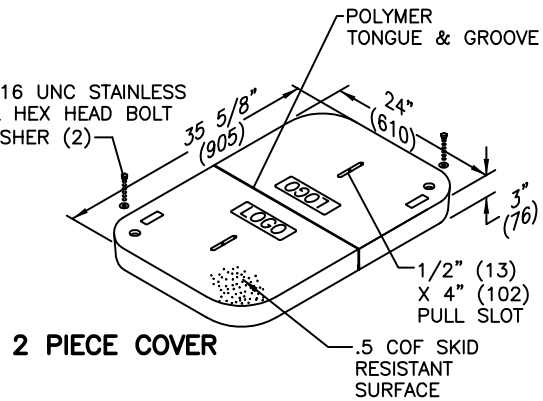
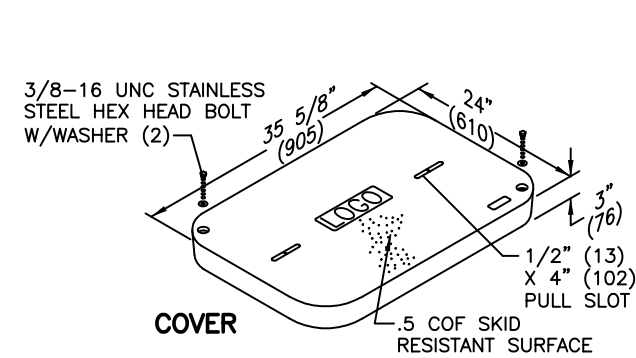
* Loadings comply with ANSI/SCTE 77 (see page 9).

APRIL 2009



SPECIFICATIONS/DATA

24" x 36" PG Style (Stackable) Assembly and 24" x 36" PD Style Assembly



24" x 36" PG Style (Stackable) Assembly and 24" x 36" PD Style Assembly

SPECIFICATIONS/DATA

Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|-------------------------------|------------|-------------|--------------------|------------|
| Ⓛ | W/2 Bolts | PG2436CA00 | 100 (45 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | Gasketed w/2 Bolts | PG2436CG00 | 100 (45 kg) | 8,000 / 12,000 | 8 |
| | 2-Piece w/2 Bolts | PG2436CS00 | 122 (55 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | No Bolts | PG2436WA00 | 100 (45 kg) | 8,000 / 12,000 | 8 |
| Ⓛ | Heavy Duty w/2 Bolts | PG2436HA00 | 115 (52 kg) | 15,000 / 22,500 | 15 |
| Ⓛ | Gasketed Heavy Duty w/2 Bolts | PG2436HG00 | 115 (52 kg) | 15,000 / 22,500 | 15 |
| Ⓛ | Heavy Duty 2-Piece w/2 Bolts | PG2436HS00 | 122 (55 kg) | 15,000 / 22,500 | 15 |
| Ⓛ | Heavy Duty w/2 Bolts | PG2436HH00 | 122 (55 kg) | 22,500 / 33,750 | 22 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

PG Boxes (Stackable with self-aligning, replaceable EZ Nut) **24" - 42" Deep boxes must be used as bottom of any stack.)

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|---|----------------------------|------------|----------------|-------------------|--------------|--------------------|------------|
| Ⓛ | Open Bottom | PG2436BA18 | 141 (64 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BA24 | 180 (81.6 kg) | 24" (610 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BA30 | 196 (88.9 kg) | 30" (762 mm) | 27" (686 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BA36 | 254 (115 kg) | 36" (914 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BA42 | 293 (133 kg) | 42" (1067 mm) | 39" (991 mm) | 22,500 / 33,750 | 22 |
| Ⓛ | Open Bottom w/2 Mouseholes | PG2436BB18 | 139 (63.1 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BB24 | 178 (80.7 kg) | 24" (610 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BB30 | 194 (88.0 kg) | 30" (762 mm) | 27" (686 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BB36 | 252 (114 kg) | 36" (914 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BB42 | 293 (133 kg) | 42" (1067 mm) | 39" (991 mm) | 22,500 / 33,750 | 22 |
| Ⓛ | Open Bottom w/Gasket | PG2436BG18 | 141 (64 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BG24 | 180 (81.6 kg) | 24" (610 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BG30 | 196 (88.9 kg) | 30" (762 mm) | 27" (686 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BG36 | 254 (115 kg) | 36" (914 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | | PG2436BG42 | 293 (133 kg) | 42" (1067 mm) | 39" (991 mm) | 22,500 / 33,750 | 22 |
| Ⓛ | Solid Bottom | PG2436DA18 | 171 (78 kg) | 18 1/2" (470 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | | PG2436DA24 | 228 (103.4 kg) | 24 1/2" (622 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | | PG2436DA30 | 238 (107.0 kg) | 30 1/2" (775 mm) | 27" (686 mm) | 22,500 / 33,750 | 22 |
| | | PG2436DA36 | 282 (128 kg) | 36 1/2" (927 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | | PG2436DA42 | 321 (146 kg) | 42 1/2" (1080 mm) | 39" (991 mm) | 22,500 / 33,750 | 22 |

PD Boxes

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION D | DIMENSION E | DESIGN/TEST LOAD # | ANSI TIER* |
|---|----------------------------|------------|--------------|---------------|---------------|--------------------|------------|
| Ⓛ | Open Bottom | PD2436BA18 | 159 (72 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | | PD2436BA26 | 199 (90 kg) | 26" (660 mm) | 23" (584 mm) | 22,500 / 33,750 | 22 |
| | | PD2436BA48 | 313 (142 kg) | 48" (1219 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |
| Ⓛ | Open Bottom w/2 Mouseholes | PD2436BB18 | 157 (71 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | | PD2436BB26 | 197 (89 kg) | 26" (660 mm) | 23" (584 mm) | 22,500 / 33,750 | 22 |
| | | PD2436BB48 | 311 (141 kg) | 48" (1219 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |
| Ⓛ | Open Bottom w/Gasket | PD2436BG18 | 159 (72 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | | PD2436BG26 | 199 (90 kg) | 26" (660 mm) | 23" (584 mm) | 22,500 / 33,750 | 22 |
| | | PD2436BG48 | 313 (142 kg) | 48" (1219 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |

Extensions (For use under 18" deep box only, one per box.)

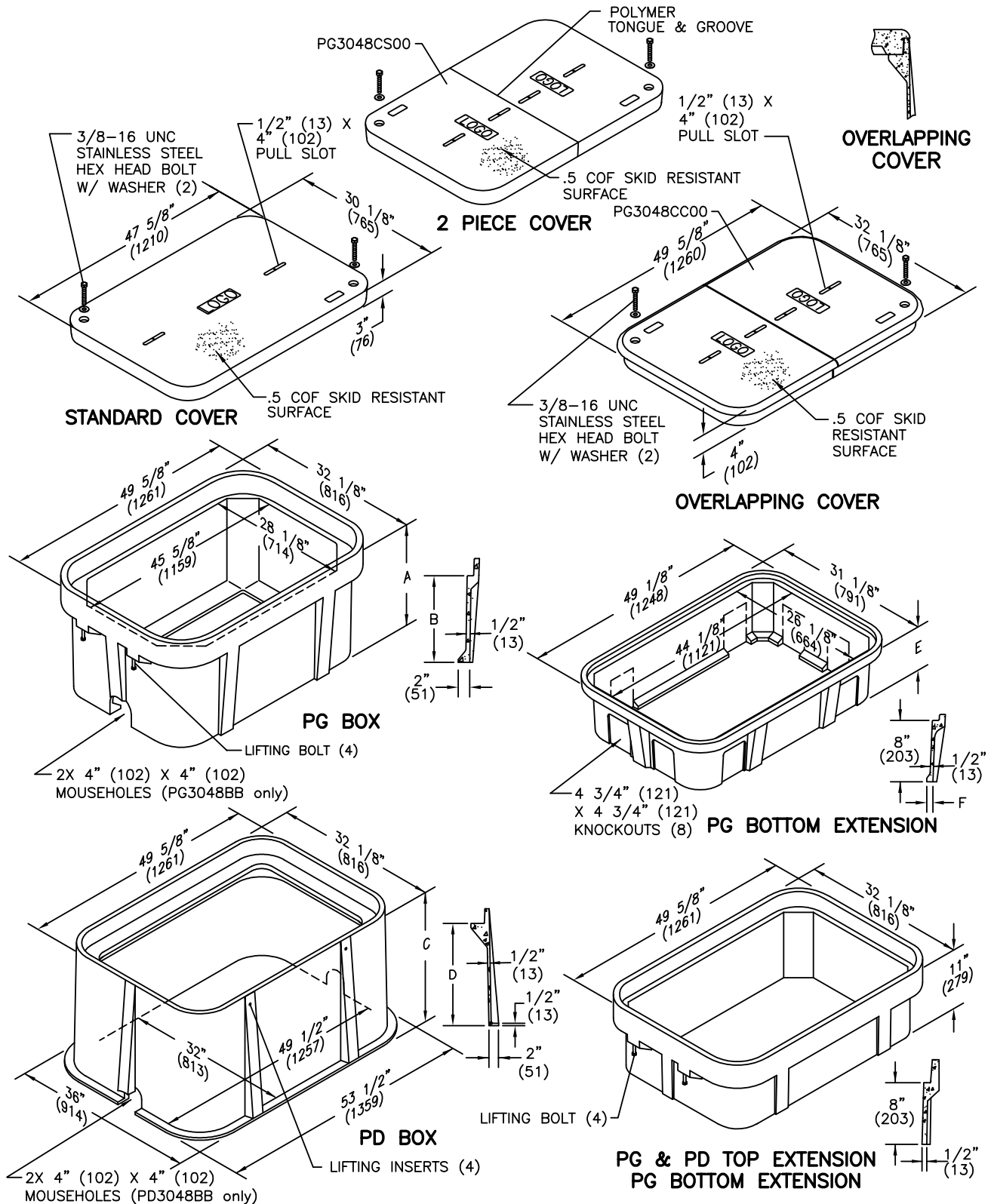
| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION F | DIMENSION G | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|--------------|-----------------|-------------|--------------------|------------|
| Open Bottom | PG2436EA08 | 81 (37 kg) | 8 3/4" (222 mm) | 1" (25 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG2436RA08 | 95 (43.1 kg) | 9 1/4" (235 mm) | N/A | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

SPECIFICATIONS/DATA

30" x 48" PG Style (Stackable) Assembly 30" x 48" PD Style (Nestable) Assembly



SPECIFICATIONS/DATA

30" x 48" PG Style (Stackable) Assembly 30" x 48" PD Style (Nestable) Assembly

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD | ANSI TIER* |
|--------------------------------|------------|----------------|------------------|------------|
| W/2 Bolts | PG3048CA00 | 159 (72.1 kg) | 8,000 / 12,000 | 8 |
| Gasketed w/2 Bolts | PG3048CG00 | 159 (72.1 kg) | 8,000 / 12,000 | 8 |
| No Bolts | PG3048WA00 | 159 (72.1 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/2 Bolts | PG3048HA00 | 206 (93.4 kg) | 15,000 / 22,500 | 15 |
| Gasketed Heavy Duty w/2 Bolts | PG3048HG00 | 206 (93.4 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/2 Bolts | PG3048HH00 | 220 (99.7 kg) | 22,500 / 33,750 | 22 |
| 2-piece w/2 Bolts | PG3048CS00 | 181 (82.1 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty 2-piece w/2 Bolts | PG3048HS00 | 206 (93.4 kg) | 15,000 / 22,500 | 15 |
| 2-piece Overlapping | PG3048CC00 | 248 (112.0 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty 2-piece Overlapping | PG3048HC00 | 248 (112.0 kg) | 15,000 / 22,500 | 15 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.

PG Boxes (Stackable with self-aligning, replaceable EZ-Nut) *24" & 36" deep boxes must be used as bottom of any stack

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------------|------------|----------------|------------------|--------------|--------------------|------------|
| Open Bottom | PG3048BA18 | 185 (83.9 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | PG3048BA24 | 236 (107.0 kg) | 24" (609 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PG3048BA36 | 343 (155.6 kg) | 36" (914 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ Gasket | PG3048BG18 | 185 (83.9 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | PG3048BG24 | 236 (107.0 kg) | 24" (609 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PG3048BG36 | 343 (155.6 kg) | 36" (914 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ 2 Mouseholes | PG3048BB18 | 185 (83.9 kg) | 18" (457 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | PG3048BB24 | 236 (107.0 kg) | 24" (610 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PG3048BB36 | 343 (155.6 kg) | 36" (914 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG3048DA18 | 220 (99.8 kg) | 18 1/2" (470 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | PG3048DA24 | 287 (130.2 kg) | 24 1/2" (622 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PG3048DA36 | 394 (178.7 kg) | 36 1/2" (927 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom w/ Gasket | PG3048DG18 | 220 (99.8 kg) | 18 1/2" (470 mm) | 15" (381 mm) | 22,500 / 33,750 | 22 |
| | PG3048DG24 | 287 (130.2 kg) | 24 1/2" (622 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PG3048DG36 | 394 (178.7 kg) | 36 1/2" (927 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |

PD Boxes (Nestable)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION C | DIMENSION D | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------------|------------|----------------|---------------|---------------|--------------------|------------|
| Open Bottom | PD3048BA24 | 286 (130 kg) | 24" (610 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PD3048BA48 | 614 (278.5 kg) | 48" (1219 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ Gasket | PD3048BG24 | 286 (130 kg) | 24" (610 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PD3048BG48 | 614 (278.5 kg) | 48" (1219 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ 2 Mouseholes | PD3048BB24 | 286 (130 kg) | 24" (610 mm) | 21" (533 mm) | 22,500 / 33,750 | 22 |
| | PD3048BB48 | 614 (278.5 kg) | 48" (1219 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |

Top Extension (For use on top of PG and PD boxes of any depth)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|---------------|--------------------|------------|
| Open Bottom* | PG3048EA11 | 100 (45.4 kg) | 22,500 / 33,750 | 22 |

* In addition, this extension can be used as a bottom extension for 18" deep PG boxes.

Bottom Extensions (For use under 18" deep PG style box only, one per box)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION E | DIMENSION F | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|---------------|-----------------|-------------|--------------------|------------|
| Open Bottom | PG3048EA08 | 102 (46.3 kg) | 8 3/4" (222 mm) | 1" (25 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG3048RA08 | 151 (58.0 kg) | 9 1/4" (235 mm) | N/A | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



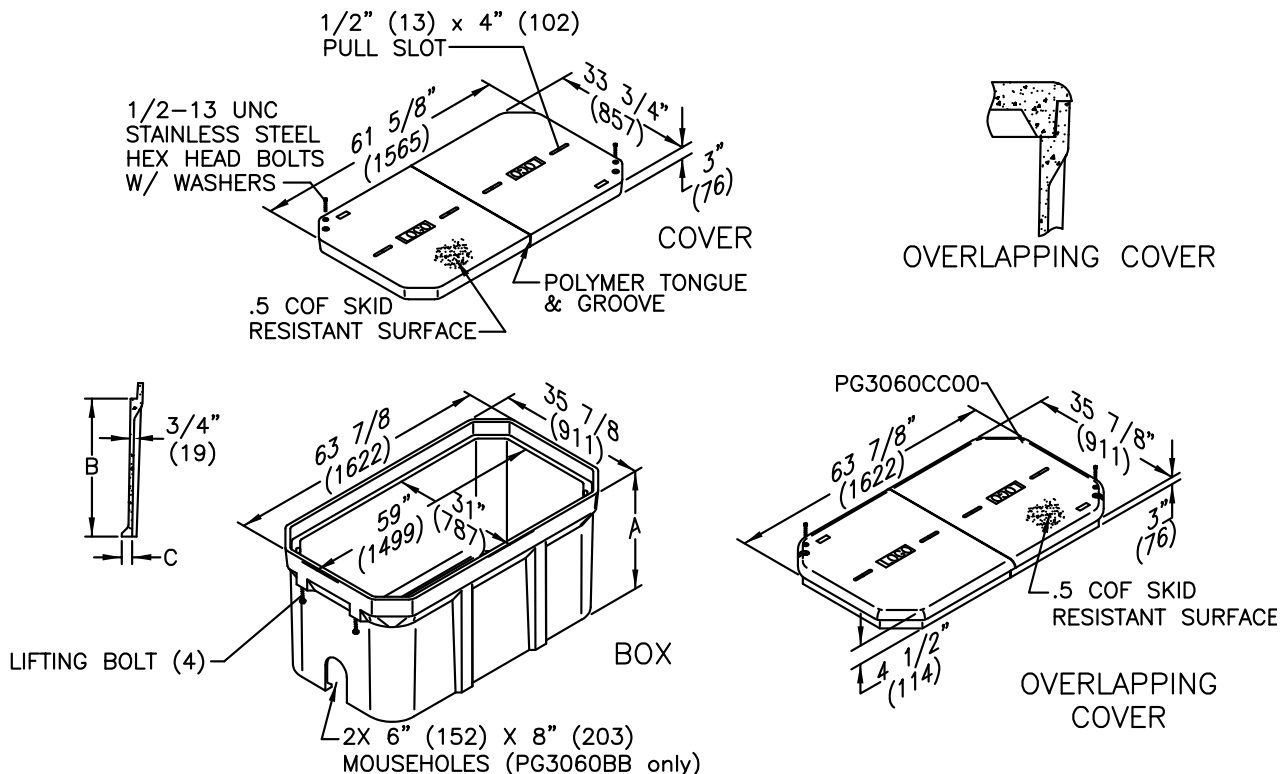
SPECIFICATIONS/DATA

30" x 60" PG Style (Stackable) Assembly

2-Piece Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD | ANSI TIER* |
|----------------------------|------------|----------------|------------------|------------|
| Lightweight w/2 Bolts | LG3060CA00 | 228 (103.4 kg) | 5,000 / 7,500 | 5 |
| Lightweight w/No Bolts | LG3060WA00 | 228 (103.4 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty w/2 Bolts | PG3060HA00 | 346 (156.9 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/2 Bolts | PG3060HH00 | 368 (166.9 kg) | 22,500 / 33,750 | 22 |
| Lightweight Overlapping | LG3060CC00 | 308 (139.7 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty Overlapping | PG3060HC00 | 404 (183.3 kg) | 15,000 / 22,500 | 15 |

- Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.
- Gasketed covers and bolt grommets must be used with a gasketed box. Gaskets reduce the inflow of fluids but do not make the enclosure water tight.



Boxes (Stackable with self-aligning, replaceable EZ-Nut) *30" & 36" deep boxes must be used as bottom of any stack

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------------|------------|----------------|------------------|--------------|----------------|--------------------|------------|
| Open Bottom | PG3060BA21 | 350 (159.0 kg) | 21" (533 mm) | 18" (457 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3060BA30 | 492 (223.2 kg) | 30" (762 mm) | 27" (686 mm) | 2 1/8" (54 mm) | 22,500 / 33,750 | 22 |
| | PG3060BA36 | 565 (256.3 kg) | 36" (914 mm) | 33" (838 mm) | 2 1/8" (54 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ 2 Mouseholes | PG3060BB21 | 350 (159.0 kg) | 21" (533 mm) | 18" (457 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3060BB30 | 490 (222.3 kg) | 30" (762 mm) | 27" (686 mm) | 2 1/8" (54 mm) | 22,500 / 33,750 | 22 |
| | PG3060BB36 | 563 (255.4 kg) | 36" (914 mm) | 33" (838 mm) | 2 1/8" (54 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG3060DA21 | 420 (190.5 kg) | 21 1/2" (546 mm) | 18" (457 mm) | N/A | 22,500 / 33,750 | 22 |
| | PG3060DA30 | 532 (241.3 kg) | 30 1/2" (775 mm) | 27" (686 mm) | N/A | 22,500 / 33,750 | 22 |
| | PG3060DA36 | 601 (272.6 kg) | 36 1/2" (927 mm) | 33" (838 mm) | N/A | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



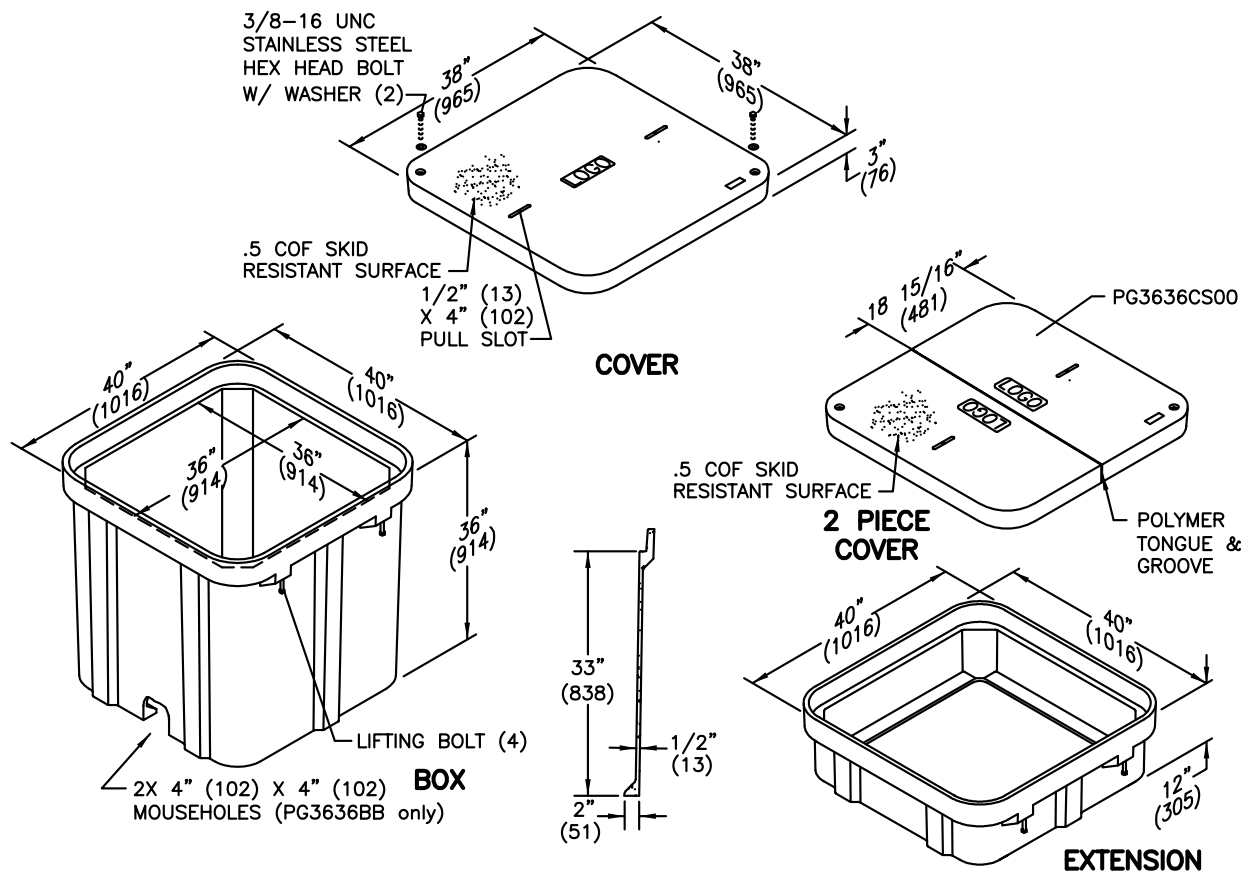
SPECIFICATIONS/DATA

36" x 36" PG Style (Stackable) Assembly

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|------------------------------|------------|--------------|--------------------|------------|
| W/2 Bolts | PG3636CA00 | 174 (79 kg) | 8,000 / 12,000 | 8 |
| No Bolts | PG3636WA00 | 174 (79 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/2 Bolts | PG3636HA00 | 220 (100 kg) | 15,000 / 22,500 | 15 |
| 2-piece w/2 Bolts | PG3636CS00 | 220 (100 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty 2-piece w/2 Bolts | PG3636HS00 | 220 (100 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/2 Bolts | PG3636HH00 | 330 (150 kg) | 22,500 / 33,750 | 22 |

* Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.



Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------------------|------------|--------------|--------------------|------------|
| Open Bottom | PG3636BA36 | 367 (166 kg) | 22,500 / 33,750 | 22 |
| Open Bottom w/2 Mouseholes | PG3636BB36 | 367 (166 kg) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG3636DA36 | 407 (185 kg) | 22,500 / 33,750 | 22 |

Extensions (For use on top of box only)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------|------------|-------------|--------------------|------------|
| Open Bottom | PG3636EA12 | 129 (59 kg) | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

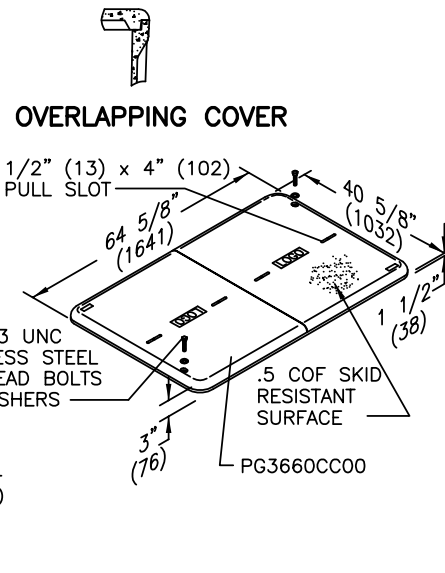
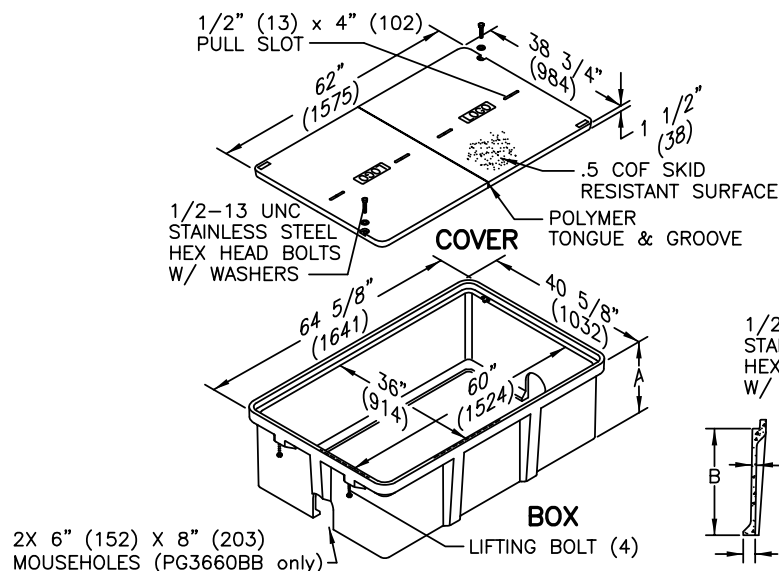
SPECIFICATIONS/DATA

36" x 60" PG Style (Stackable) Assembly

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|------------------------------|------------|----------------|--------------------|------------|
| Lightweight w/2 Bolts | LG3660CA00 | 222 (100.7 kg) | 5,000 / 7,500 | 5 |
| Lightweight w/No Bolts | LG3660WA00 | 222 (100.7 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty w/2 Bolts | PG3660HA00 | 384 (174.0 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/2 Bolts | PG3660HH00 | 470 (213.2 kg) | 22,500 / 33,750 | 22 |
| Lightweight Overlapping | LG3660CC00 | 307 (139.3 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty 2 pc. Overlapping | PG3660HC00 | 436 (197.8 kg) | 15,000 / 22,500 | 15 |

* Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.



3" Grade Adjustable extension available. See page 44.

Boxes (Stackable with self-aligning, replaceable nut) *31" & 36" deep boxes must be used as bottom of any stack

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------------|------------|----------------|--------------------|------------------|-------------|--------------------|------------|
| Open Bottom | PG3660BA19 | 381 (172.8 kg) | 19 1/2" (495 mm) | 18" (457 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3660BA24 | 397 (180.0 kg) | 24" (610 mm) | 22 1/2" (572 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3660BA31 | 481 (218.2 kg) | 31" (787 mm) | 29 1/2" (749 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3660BA36 | 647 (293.0 kg) | 36" (914 mm) | 34 1/2" (876 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ 2 Mouseholes | PG3660BB19 | 379 (171.9 kg) | 19 1/2" (495.0 mm) | 18" (457 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3660BB24 | 397 (180.0 kg) | 24" (610 mm) | 22 1/2" (572 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3660BB31 | 479 (217.3 kg) | 31" (787 mm) | 29 1/2" (749 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | PG3660BB36 | 647 (293.0 kg) | 36" (914 mm) | 34 1/2" (876 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG3660DA19 | 479 (217.0 kg) | 20" (508 mm) | 18 1/2" (470 mm) | N/A | 22,500 / 33,750 | 22 |
| | PG3660DA24 | 495 (224.5 kg) | 24 1/2" (622 mm) | 23" (584 mm) | N/A | 22,500 / 33,750 | 22 |
| | PG3660DA31 | 590 (268.0 kg) | 31 1/2" (800.1 mm) | 30" (762 mm) | N/A | 22,500 / 33,750 | 22 |
| | PG3660DA36 | 738 (334.8 kg) | 36 1/2" (927 mm) | 35" (889 mm) | N/A | 22,500 / 33,750 | 22 |

Extensions (For use on top of box only)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------|------------|---------------|-------------|-------------|-------------|--------------------|------------|
| Open Bottom | PG3660EA12 | 200 (90.7 kg) | 11 1/2" | 10" | 2" | 22,500 / 33,750 | 22 |

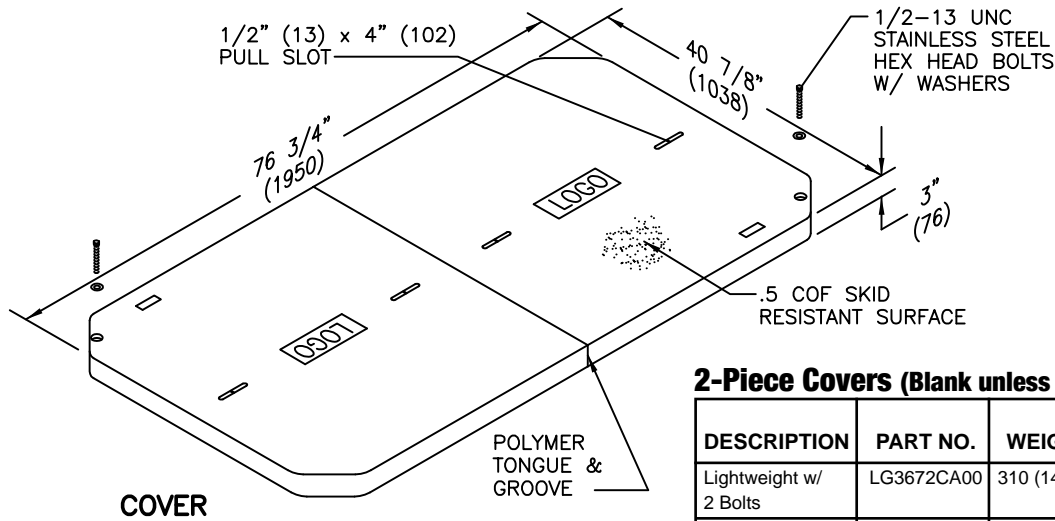
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

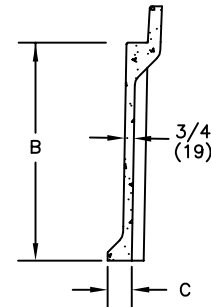
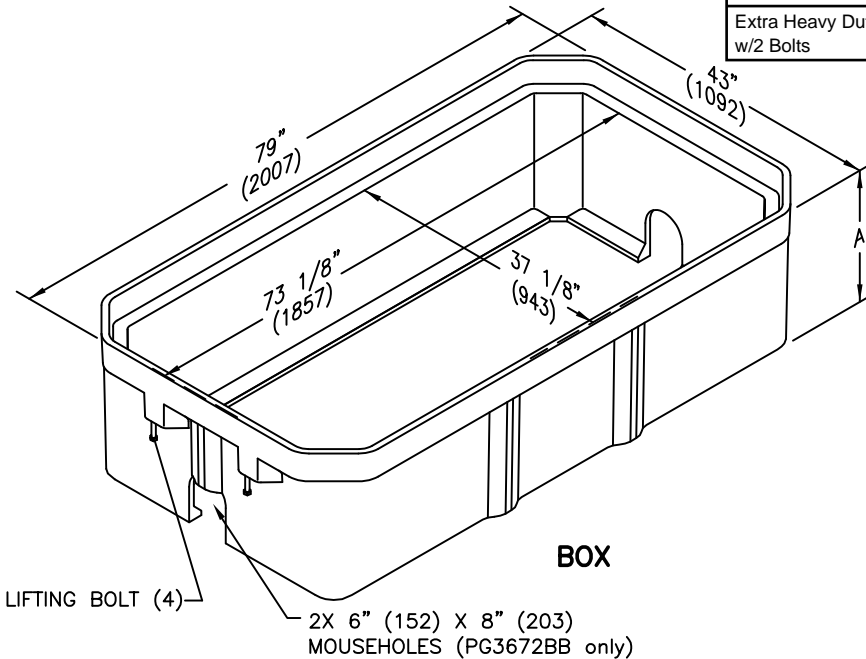
36" x 72" PG Style (Stackable) Assembly



2-Piece Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|----------------------------|------------|----------------|--------------------|------------|
| Lightweight w/ 2 Bolts | LG3672CA00 | 310 (140.6 kg) | 5,000 / 7,500 | 5 |
| Lightweight w/ No Bolts | LG3672WA00 | 310 (140.6 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty w/ 2 Bolts | PG3672HA00 | 488 (221.0 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/2 Bolts | PG3672HH00 | 544 (246.8 kg) | 22,500 / 33,750 | 22 |

* Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.



Boxes (Stackable with self-aligning, replaceable EZ-Nut) *36" deep box must be used as bottom of any stack

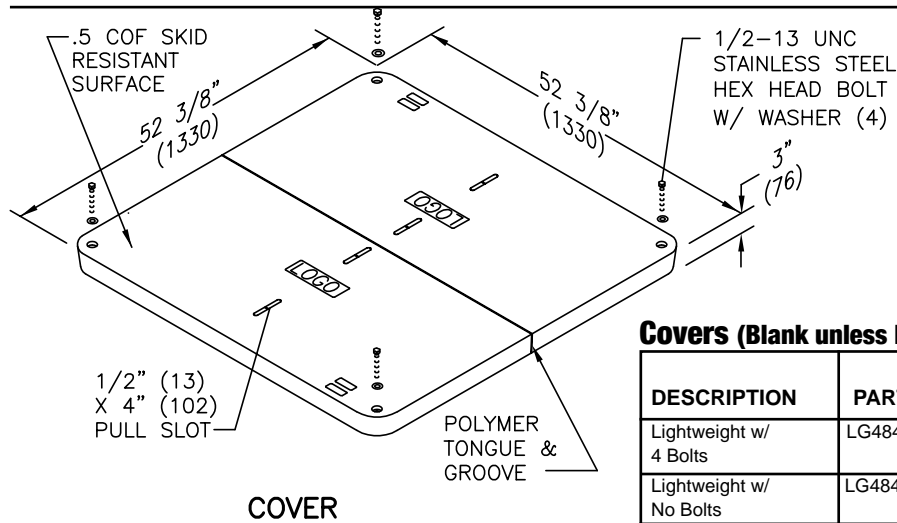
| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------------|--------------|----------------|------------------|--------------|-------------|--------------------|------------|
| Open Bottom | PG3672BA21 | 448 (203.2 kg) | 21" (533 mm) | 18" (457 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | * PG3672BA36 | 768 (348.0 kg) | 36" (914 mm) | 33" (838 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| Open Bottom w/ 2 Mouseholes | PG3672BB21 | 445 (201.9 kg) | 21" (533 mm) | 18" (457 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| | * PG3672BB36 | 768 (348.0 kg) | 36" (914 mm) | 33" (838 mm) | 2" (51 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG3672DA21 | 569 (258.1 kg) | 21 1/2" (546 mm) | 18" (457 mm) | N/A | 22,500 / 33,750 | 22 |
| | * PG3672DA36 | 822 (373.0 kg) | 36 1/2" (927 mm) | 33" (838 mm) | N/A | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

SPECIFICATIONS/DATA

48" x 48" PG Style (Stackable) Assembly



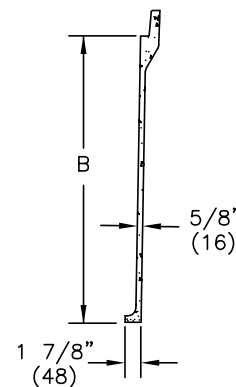
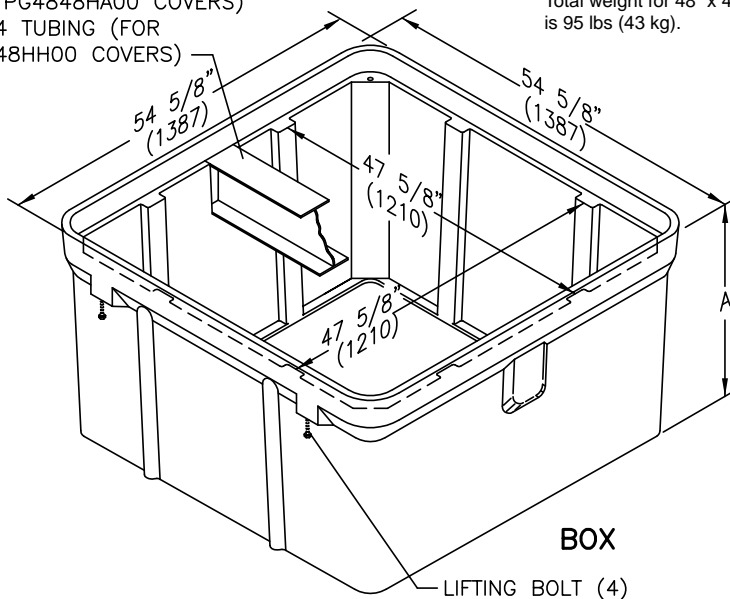
Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|--|------------|----------------|--------------------|------------|
| Lightweight w/ 4 Bolts | LG4848CA00 | 286 (130.0 kg) | 5,000 / 7,500 | 5 |
| Lightweight w/ No Bolts | LG4848WA00 | 286 (130.0 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty w/W6 x 12 Wide Flange Beam w/4 Bolts* | PG4848HA00 | 364 (165.1 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/ 6 x 4 Tubing w/ 4 Bolts* | PG4848HH00 | 596 (270.0 kg) | 22,500 / 33,750 | 22 |
| Round 39" Opening | PG4848C500 | 377 (171 kg) | 5,000 / 7,500 | 5 |

* Covers with meter lids available upon request. See page 12 or page 56 for meter lid cover load rating explanation.

* Total weight for 48" x 48" HA beam is 51 lbs (23 kg). Total weight for 48" x 48" HH tubing is 95 lbs (43 kg).

W6 X 12 WIDE FLANGE BEAM
(FOR PG4848HA00 COVERS)
6 X 4 TUBING (FOR
PG4848HH00 COVERS)



Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|----------------|-------------------|---------------|--------------------|------------|
| Open bottom | PG4848BA36 | 629 (285.0 kg) | 36" (914 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | PG4848BA48 | 866 (393.0 kg) | 48" (1219 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG4848DA36 | 663 (301.0 kg) | 36 1/2" (927 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | PG4848DA48 | 940 (426.0 kg) | 48 1/2" (1232 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |

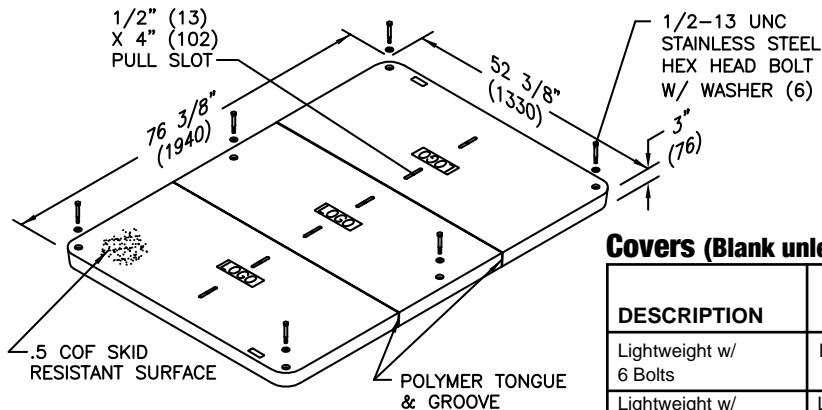
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



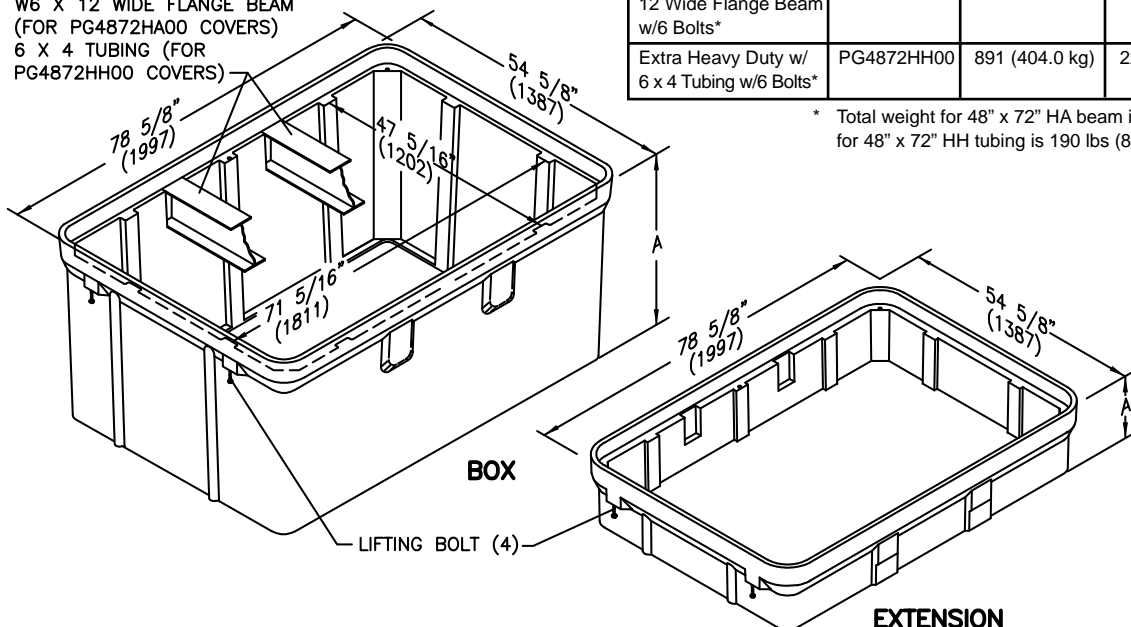
SPECIFICATIONS/DATA

48" x 72" PG Style (Stackable) Assembly



COVER

W6 X 12 WIDE FLANGE BEAM
(FOR PG4872HA00 COVERS)
6 X 4 TUBING (FOR
PG4872HH00 COVERS)



Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|--|------------|----------------|--------------------|------------|
| Lightweight w/ 6 Bolts | LG4872CA00 | 447 (203.0 kg) | 5,000 / 7,500 | 5 |
| Lightweight w/ No Bolts | LG4872WA00 | 447 (203.0 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty w/W6 x 12 Wide Flange Beam w/6 Bolts* | PG4872HA00 | 573 (260.0 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/ 6 x 4 Tubing w/6 Bolts* | PG4872HH00 | 891 (404.0 kg) | 22,500 / 33,750 | 22 |

* Total weight for 48" x 72" HA beam is 102 lbs (46 kg). Total weight for 48" x 72" HH tubing is 190 lbs (86 kg).

Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|-----------------|-------------------|---------------|--------------------|------------|
| Open Bottom | PG4872BA36 | 810 (367.0 kg) | 37 1/2" (953 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | PG4872BA48 | 1050 (476.0 kg) | 49 1/2" (1257 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG4872DA36 | 1065 (483.0 kg) | 36 1/2" (927 mm) | 33" (838 mm) | 22,500 / 33,750 | 22 |
| | PG4872DA48 | 1245 (565.0 kg) | 48 1/2" (1232 mm) | 45" (1143 mm) | 22,500 / 33,750 | 22 |

Extension (Stackable with self-aligning, replaceable EZ-Nut; for use on top of box only)

Top extensions are available to give extra depth.

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|--|------------|----------------|--------------|--------------|--------------------|------------|
| Open Bottom, Beam Pocket, No Beam Provided | PG4872EA12 | 359 (162.8 kg) | 15" (381 mm) | 12" (305 mm) | 22,500 / 33,750 | 22 |

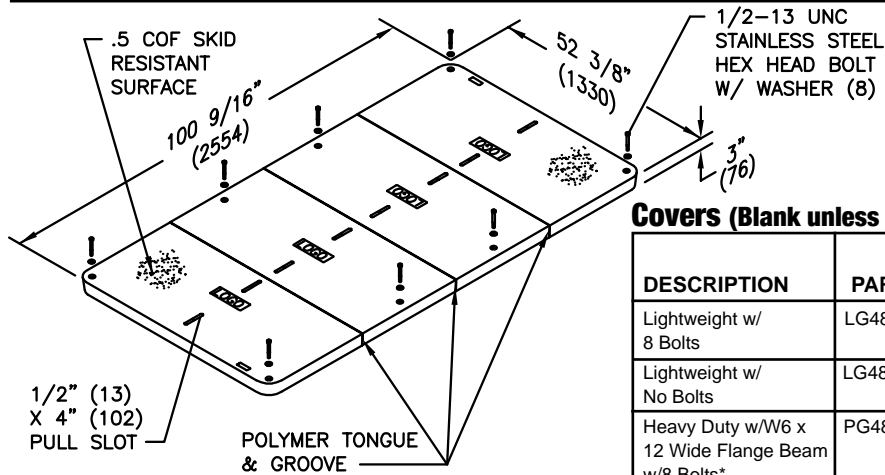
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

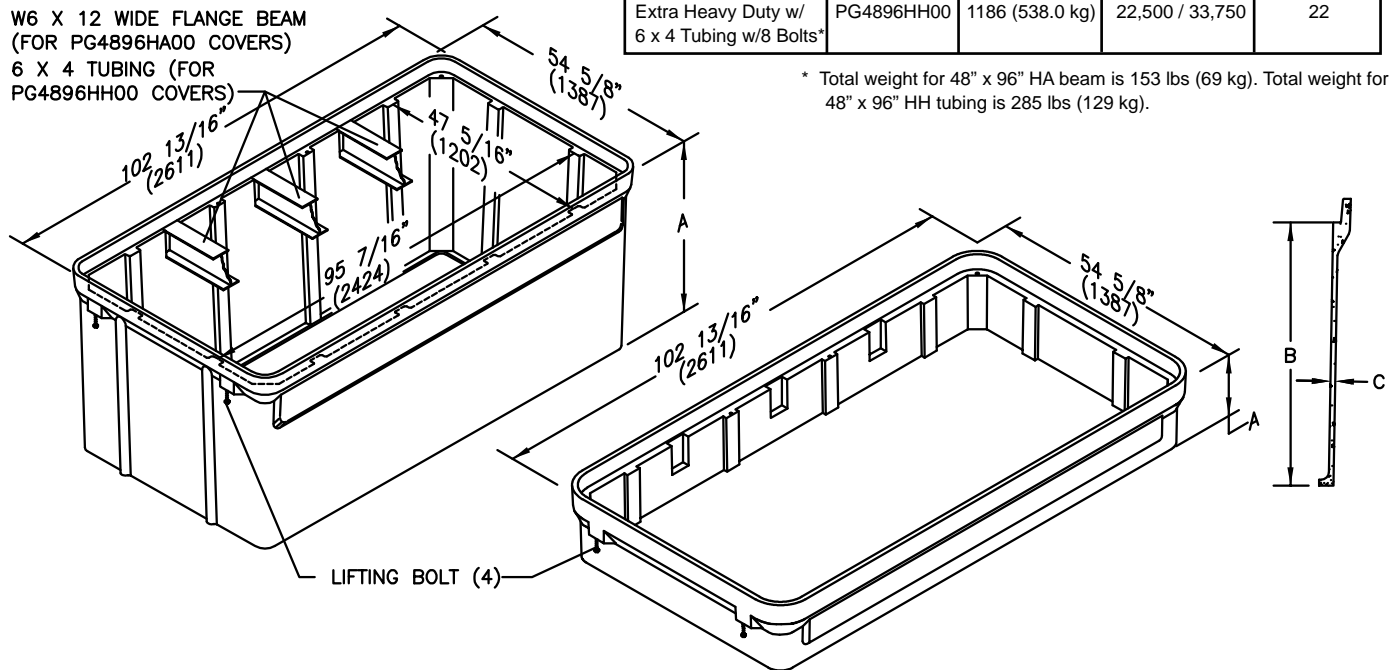
48" x 96" PG Style (Stackable) Assembly



Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|--|------------|-----------------|--------------------|------------|
| Lightweight w/ 8 Bolts | LG4896CA00 | 608 (276.0 kg) | 5,000 / 7,500 | 5 |
| Lightweight w/ No Bolts | LG4896WA00 | 608 (276.0 kg) | 5,000 / 7,500 | 5 |
| Heavy Duty w/W6 x 12 Wide Flange Beam w/8 Bolts* | PG4896HA00 | 794 (360.0 kg) | 15,000 / 22,500 | 15 |
| Extra Heavy Duty w/ 6 x 4 Tubing w/8 Bolts* | PG4896HH00 | 1186 (538.0 kg) | 22,500 / 33,750 | 22 |

* Total weight for 48" x 96" HA beam is 153 lbs (69 kg). Total weight for 48" x 96" HH tubing is 285 lbs (129 kg).



Boxes (Stackable with self-aligning, replaceable EZ-Nut)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|---------------|-------------------|---------------|--------------|--------------------|------------|
| Open Bottom | PG4896BA48 | 1384 (628 kg) | 49 3/4" (1264 mm) | 45" (1143 mm) | 5/8" (16 mm) | 22,500 / 33,750 | 22 |
| Solid Bottom | PG4896DA48 | 1537 (697 kg) | 48 3/4" (1238 mm) | 45" (1143 mm) | 5/8" (16 mm) | 22,500 / 33,750 | 22 |

Extension (Stackable with self-aligning, replaceable EZ-Nut; for use on top of box only)

Top extensions are available to give extra depth.

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DESIGN/TEST LOAD # | ANSI TIER* |
|--|------------|----------------|--------------|--------------|-----------------|--------------------|------------|
| Open Bottom, Beam Pocket, No Beam Provided | PG4896EA12 | 485 (220.0 kg) | 15" (381 mm) | 12" (305 mm) | 1 1/16" (27 mm) | 22,500 / 33,750 | 22 |

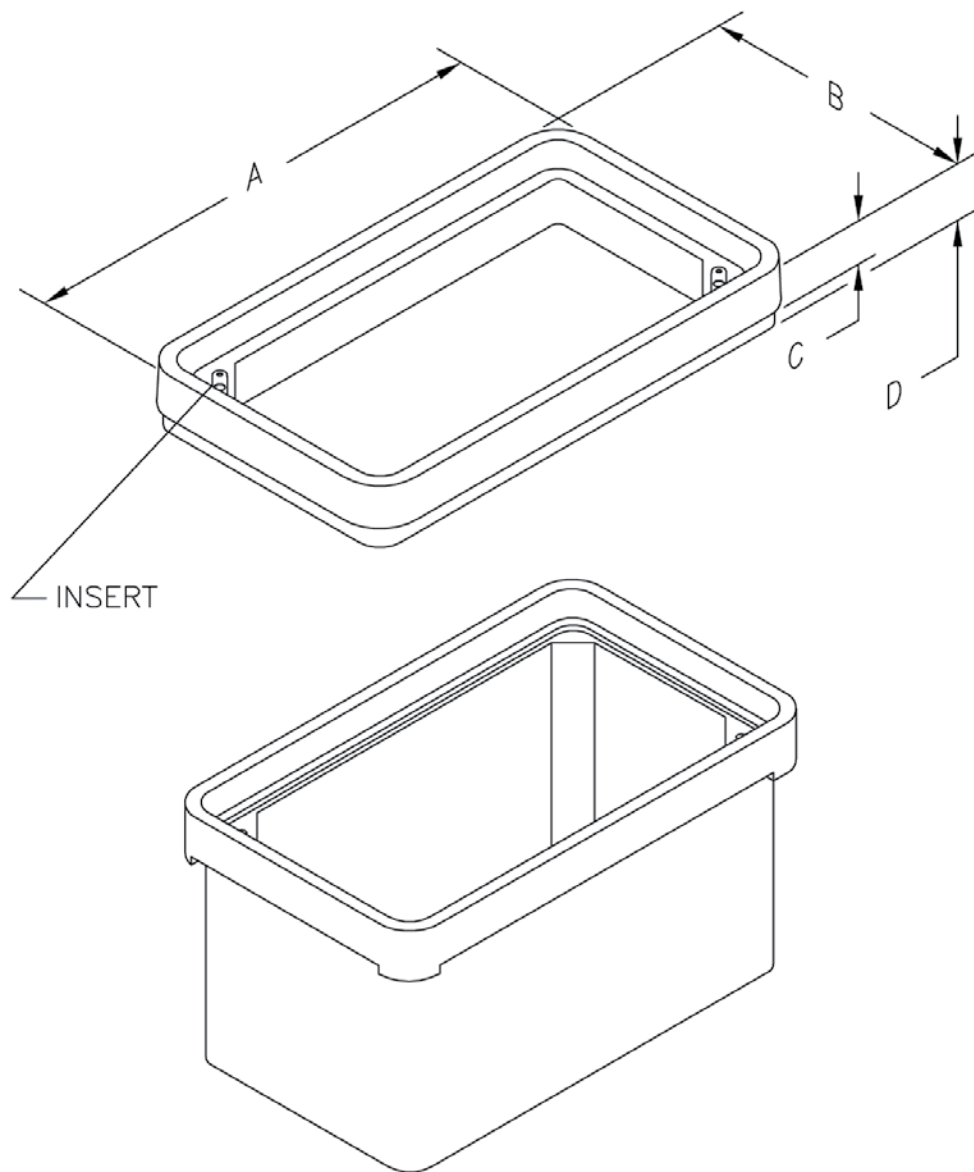
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

Grade Adjustable Extensions



ENCLOSURE DRAWINGS

Grade Adjustable Extensions

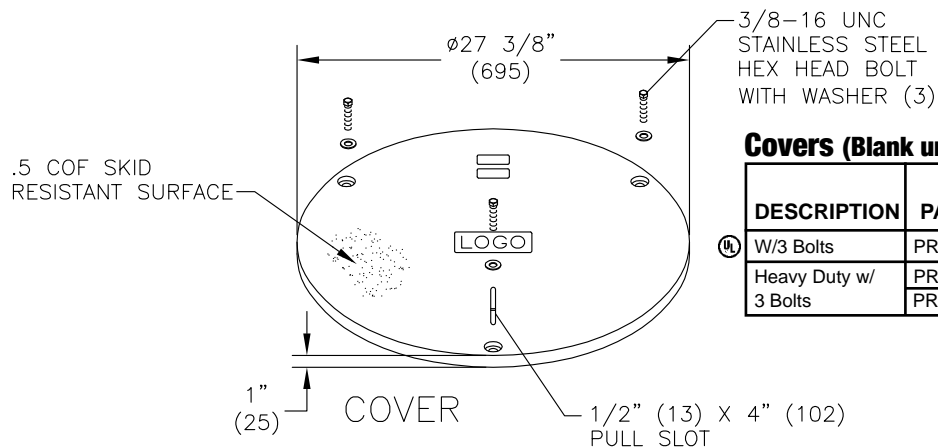
| PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D | INSERT SIZE | DESIGN/TEST LOAD # | ANSI TIER* |
|------------|---------------|-------------------|-------------------|----------------|-----------------|-------------|--------------------|------------|
| PG1324ED03 | 37 (16.8 kg) | 25 1/2" (648 mm) | 16" (406 mm) | 3" (76 mm) | 5 1/8" (130 mm) | 1/2" | 22,500 / 33,750 | 22 |
| PG1324E502 | 37 (16.8 kg) | 25 1/2" (648 mm) | 16" (406 mm) | 3" (76 mm) | 5 1/8" (130 mm) | 3/8" | 22,500 / 33,750 | 22 |
| PG1730ED03 | 48 (21.8 kg) | 32 3/4" (832 mm) | 19 3/4" (502 mm) | 3" (76 mm) | 5 1/8" (130 mm) | 1/2" | 22,500 / 33,750 | 22 |
| PG1730E505 | 48 (21.8 kg) | 32 3/4" (832 mm) | 19 3/4" (502 mm) | 3" (76 mm) | 5 1/8" (130 mm) | 3/8" | 22,500 / 33,750 | 22 |
| PG2436ED04 | 80 (36.3 kg) | 37 7/8" (962 mm) | 26 1/4" (667 mm) | 4" (102 mm) | 7 1/8" (181 mm) | 1/2" | 22,500 / 33,750 | 22 |
| PG2436E503 | 80 (36.3 kg) | 37 7/8" (962 mm) | 26 1/4" (667 mm) | 4" (102 mm) | 7 1/8" (181 mm) | 3/8" | 22,500 / 33,750 | 22 |
| PG3660ED03 | 110 (49.9 kg) | 65 1/2" (1664 mm) | 41 3/4" (1060 mm) | 2 1/2" (64 mm) | 4" (102 mm) | 1/2" | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

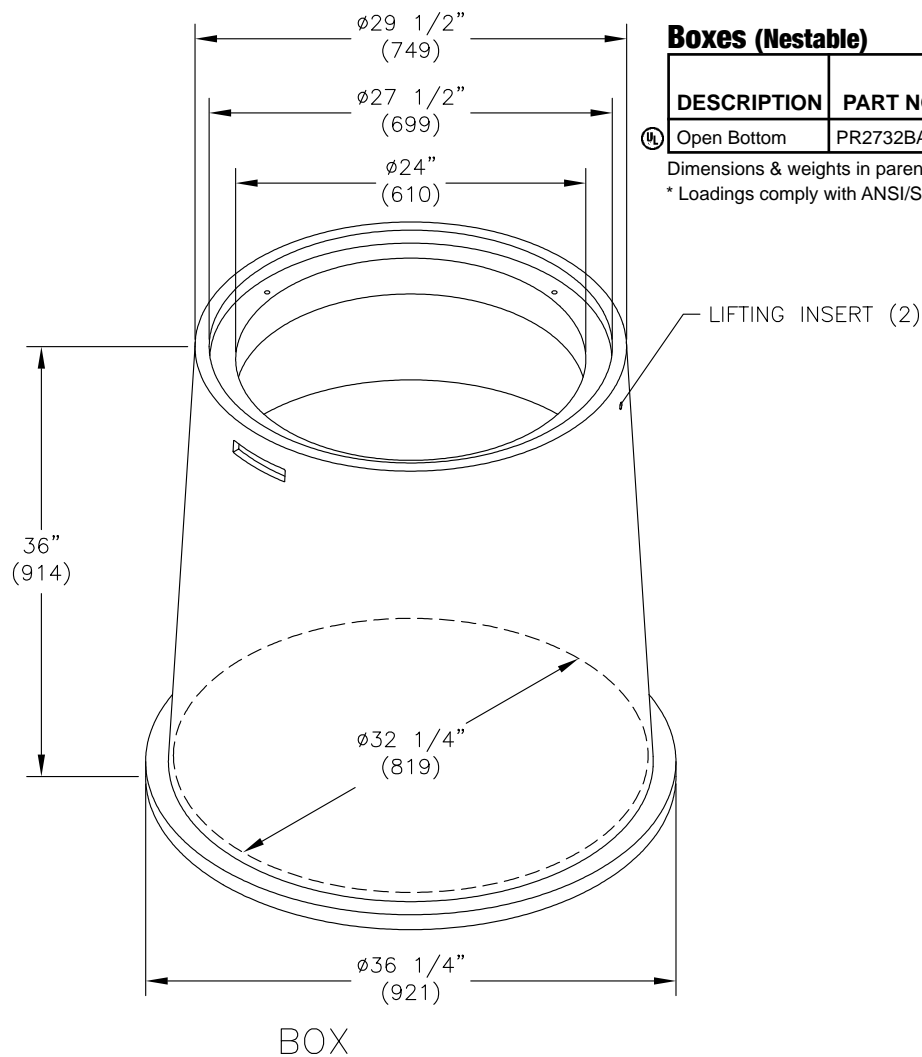
SPECIFICATIONS/DATA

27" Round Style (Nestable) Assembly



Covers (Blank unless logo is specified)

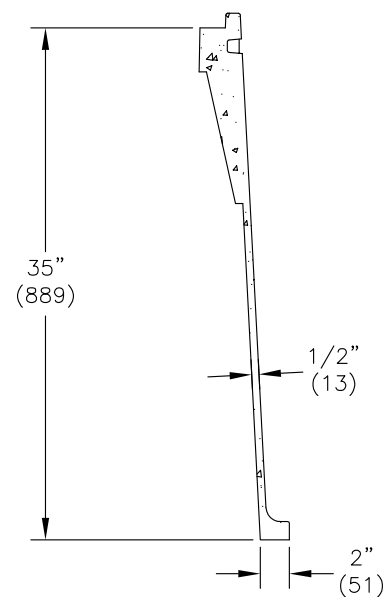
| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/ TEST LOAD # | ANSI TIER* |
|--------------------------|------------|--------------|------------------------|------------|
| W/3 Bolts | PR2700CA00 | 53 (24.0 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/ 3 Bolts | PR2700HA00 | 75 (34.0 kg) | 15,000 / 22,500 | 15 |
| | PR2700HH00 | 75 (34.0 kg) | 22,500 / 33,750 | 22 |



Boxes (Nestable)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------|------------|----------------|-----------------------|------------|
| Open Bottom | PR2732BA36 | 278 (126.0 kg) | 22,500 / 33,750 | 22 |

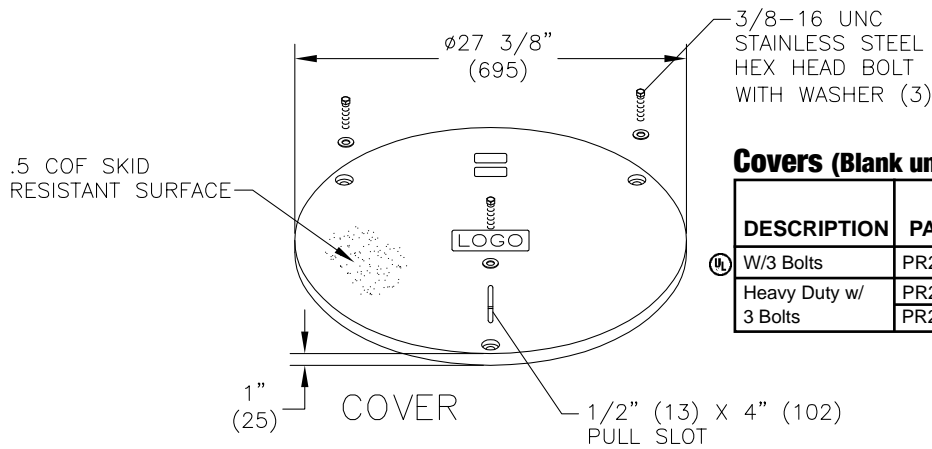
Dimensions & weights in parentheses are metric equivalent.
* Loadings comply with ANSI/SCTE 77 (see page 9).



ENCLOSURE DRAWINGS

SPECIFICATIONS/DATA

27" Round Style Assembly



Covers (Blank unless logo is specified)

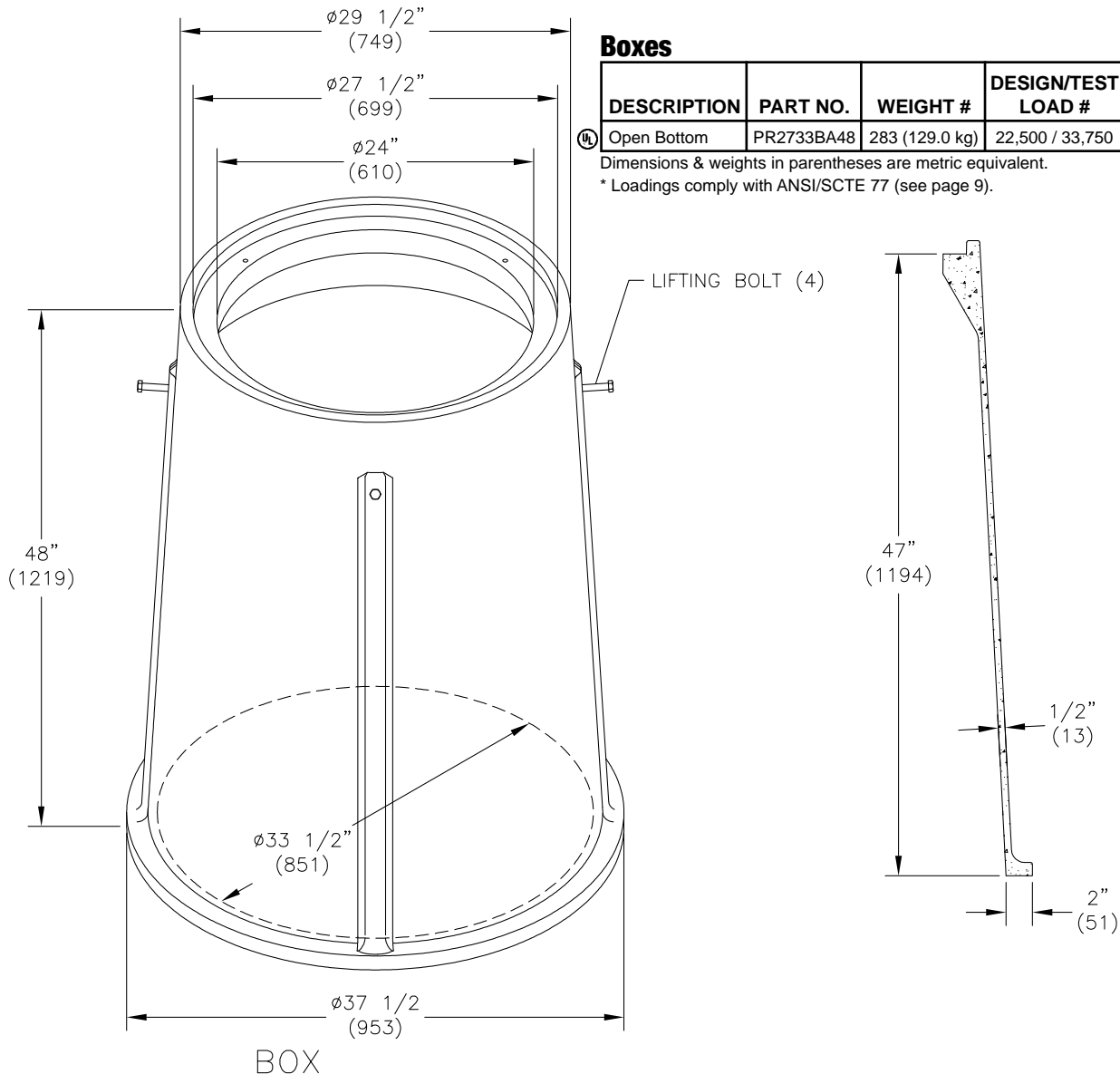
| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/ TEST LOAD # | ANSI TIER* |
|--------------------------|------------|--------------|------------------------|------------|
| W/3 Bolts | PR2700CA00 | 53 (24.0 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/ 3 Bolts | PR2700HA00 | 75 (34.0 kg) | 15,000 / 22,500 | 15 |
| | PR2700HH00 | 75 (34.0 kg) | 22,500 / 33,750 | 22 |

Boxes

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------|------------|----------------|-----------------------|------------|
| Open Bottom | PR2733BA48 | 283 (129.0 kg) | 22,500 / 33,750 | 22 |

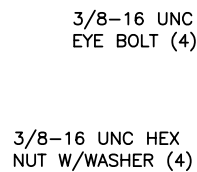
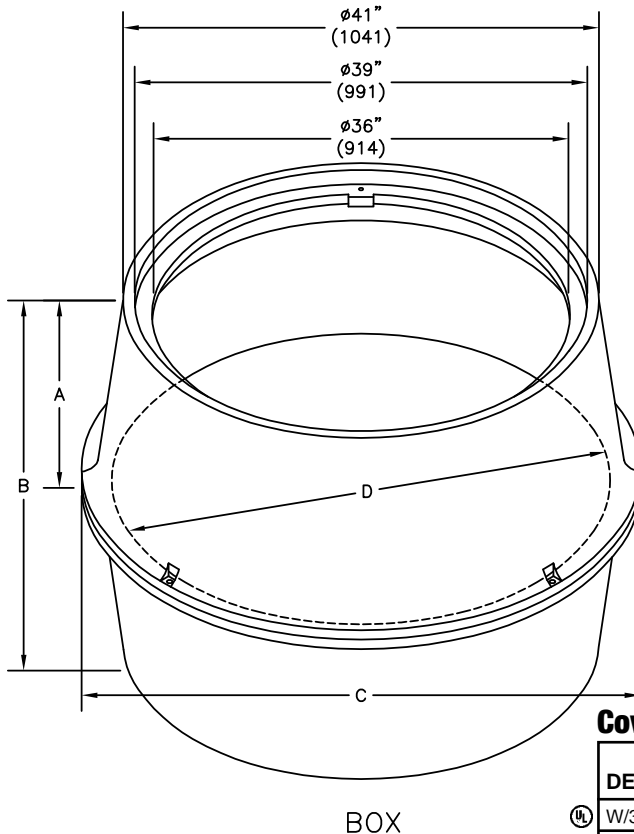
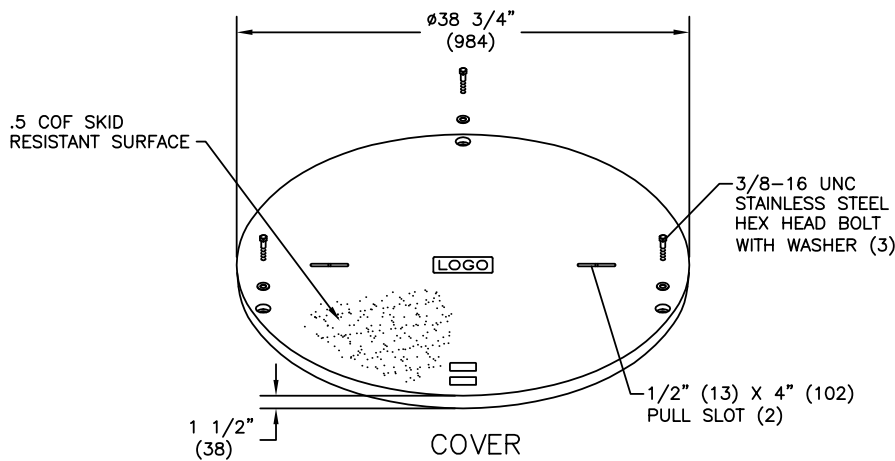
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

39" Round Style (Nestable) Assembly



LIKE BOXES CAN BE INVERTED, STACKED, AND BOLTED TOGETHER TO INCREASE THE DEPTH

Covers (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-----------------------|------------|---------------|--------------------|------------|
| W/3 Bolts | PR3900CA00 | 141 (64.0 kg) | 8,000 / 12,000 | 8 |
| Heavy Duty w/ 3 Bolts | PR3900HA00 | 180 (81.6 kg) | 15,000 / 22,500 | 15 |
| Heavy Duty w/ 3 Bolts | PR3900HH00 | 180 (81.6 kg) | 22,500 / 33,750 | 22 |

Boxes (Nestable)

| DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DIMENSION C | DIMENSION D | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------|------------|----------------|--------------|--------------|--------------------|--------------------|--------------------|------------|
| Open Bottom | PR3943BA18 | 244 (111.0 kg) | 18" (457 mm) | - | 48 1/8" (1222 mm) | 43 1/8" (1095 mm) | 22,500 / 33,750 | 22 |
| Open Bottom | PR3944BA24 | 326 (147.9 kg) | 24" (610 mm) | - | 49 3/16" (1249 mm) | 44 3/16" (1122 mm) | 22,500 / 33,750 | 22 |
| Open Bottom | PR3943BA36 | 488 (221.0 kg) | - | 36" (914 mm) | 48 1/8" (1222 mm) | 43 1/8" (1095 mm) | 22,500 / 33,750 | 22 |

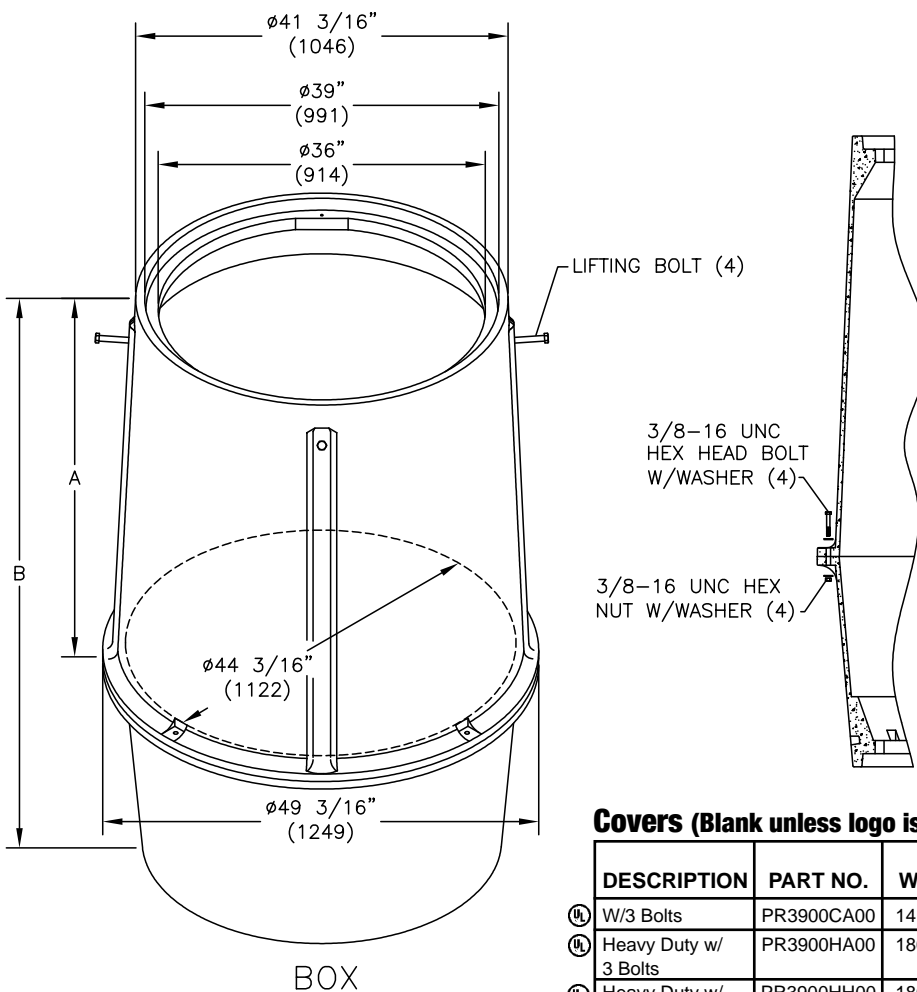
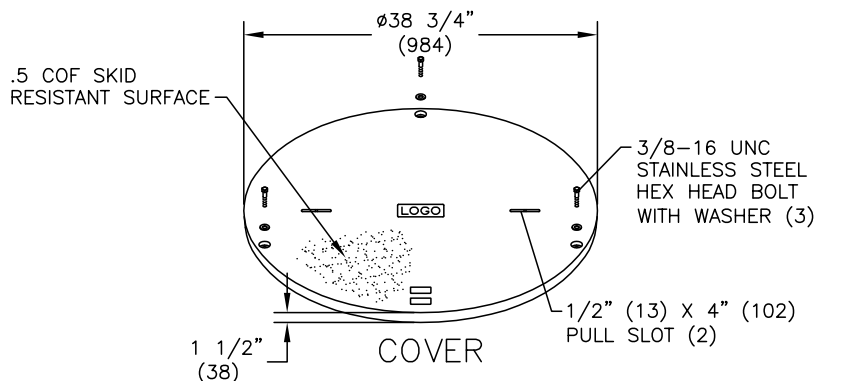
Dimensions & weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



SPECIFICATIONS/DATA

39" Round Style Assembly



Covers (Blank unless logo is specified)

| | DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---|-----------------------|------------|---------------|--------------------|------------|
| U | W/3 Bolts | PR3900CA00 | 141 (64.0 kg) | 8,000 / 12,000 | 8 |
| U | Heavy Duty w/ 3 Bolts | PR3900HA00 | 180 (81.6 kg) | 15,000 / 22,500 | 15 |
| U | Heavy Duty w/ 3 Bolts | PR3900HH00 | 180 (81.6 kg) | 22,500 / 33,750 | 22 |

Boxes

| | DESCRIPTION | PART NO. | WEIGHT # | DIMENSION A | DIMENSION B | DESIGN/TEST LOAD # | ANSI TIER* |
|---|-------------|------------|----------------|---------------|--------------|--------------------|------------|
| U | Open Bottom | PR3944BA48 | 377 (171.0 kg) | 48" (1219 mm) | - | 22,500 / 33,750 | 22 |
| U | Open Bottom | PR3944BA72 | 707 (321 kg) | - | 72 (1829 mm) | 22,500 / 33,750 | 22 |

Dimensions & weights in parentheses are metric equivalent.

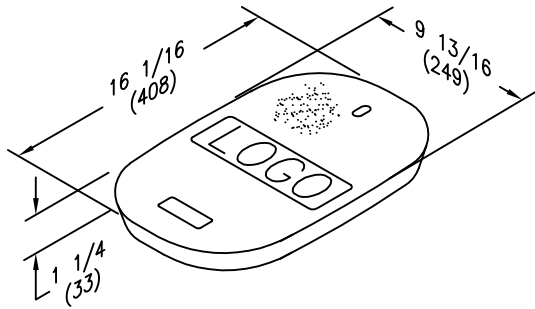
* Loadings comply with ANSI/SCTE 77 (see page 9).

APRIL 2009

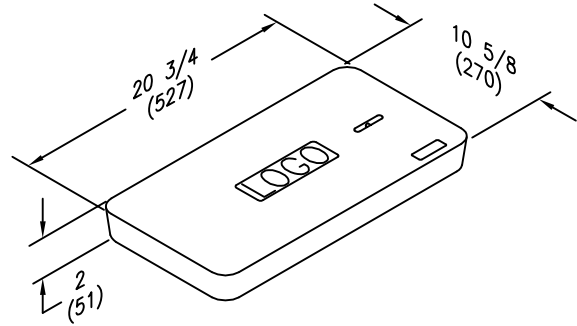


SPECIFICATIONS/DATA

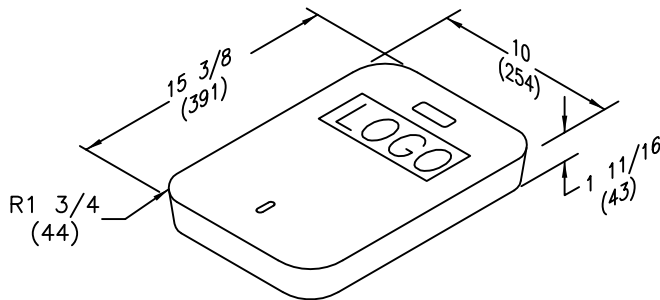
Replacement Covers



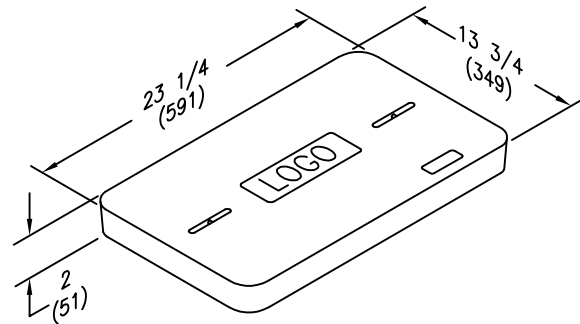
PG0915WAS0
13# (5.9 kg)



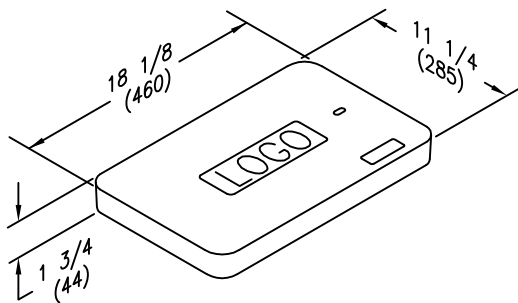
PG1121WA00
33# (15.0 kg)



PG1015WAS0
20# (9.0 kg)



PG1324WA00
32# (14.5 kg)

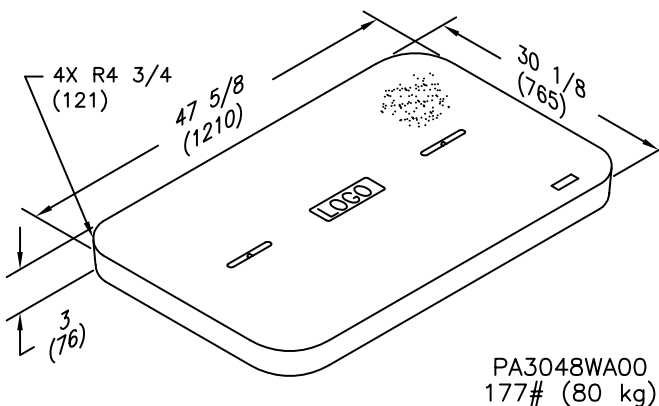
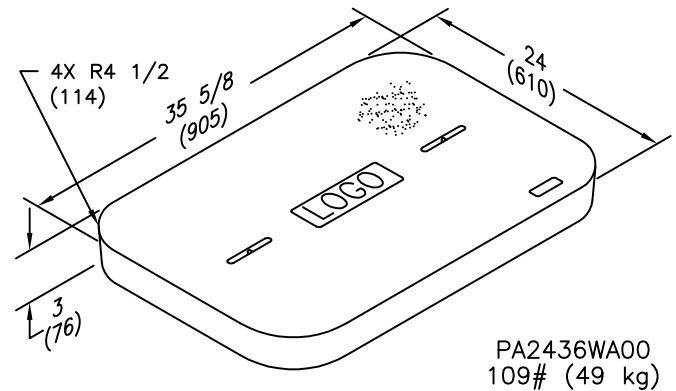
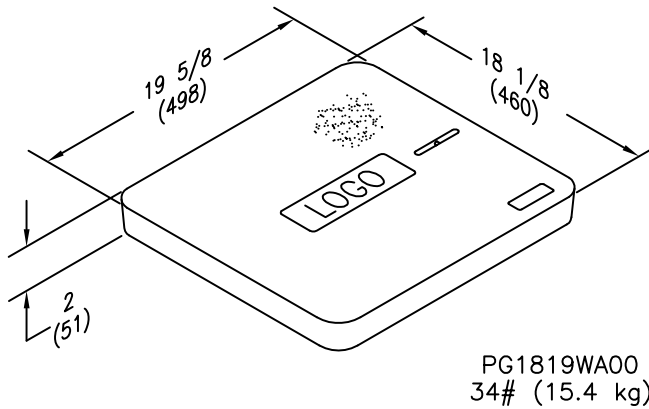
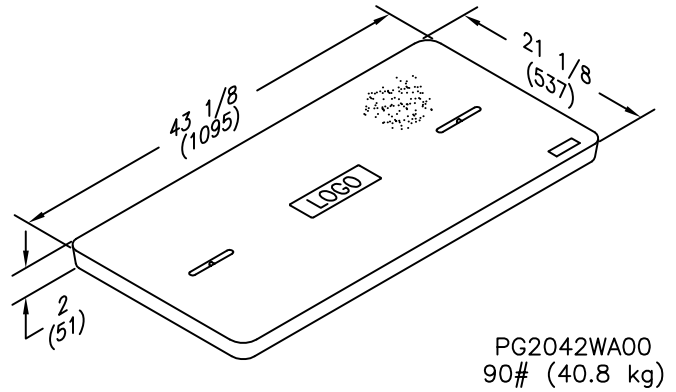
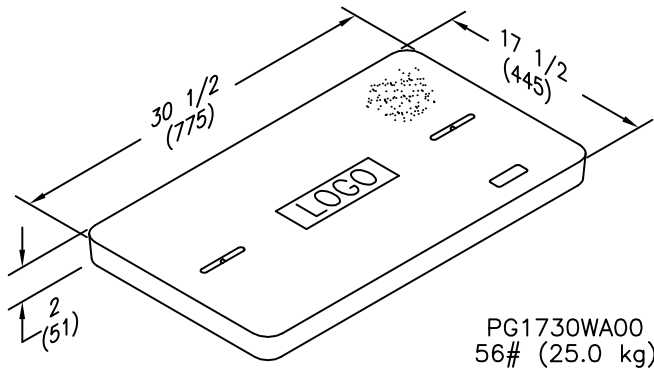


PG1118WAS0
27# (12.3 kg)

All covers have a .5 COF skid resistant surface.
Dimensions & weights in parentheses are metric equivalent.

SPECIFICATIONS/DATA

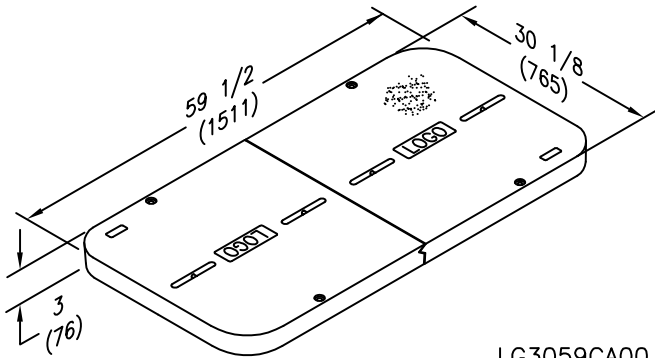
Replacement Covers



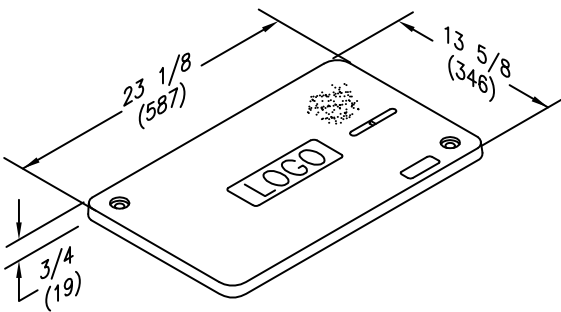
COVER DRAWINGS

SPECIFICATIONS/DATA

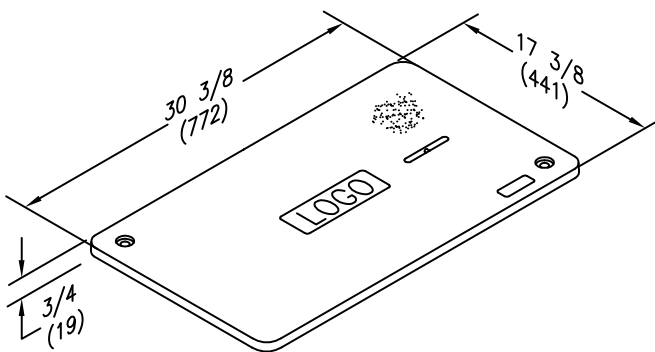
Replacement Covers



LG3059CA00
128# (58 kg)



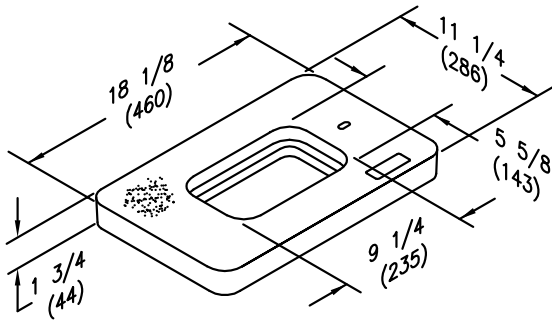
PX1324CA00
18# (8.2 kg)



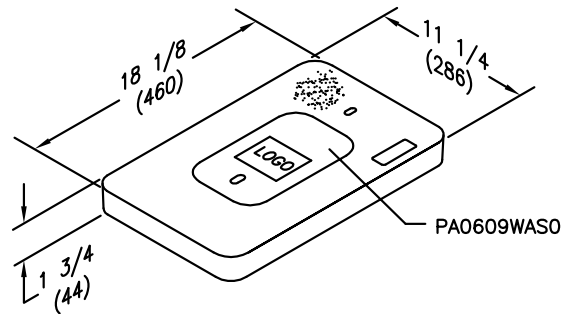
PX1730CA00
34# (15.4 kg)

SPECIFICATIONS/DATA

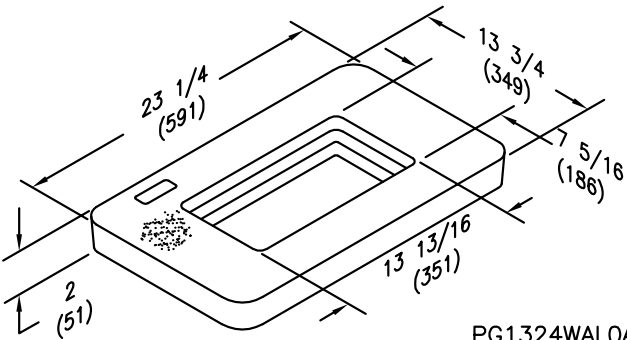
Meter Reading Covers and Lids



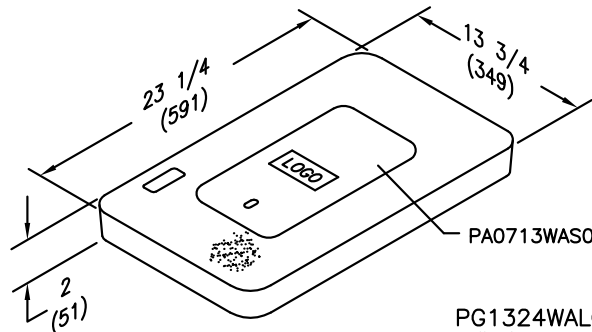
PG1118WAK0A
22# (10.0 kg)



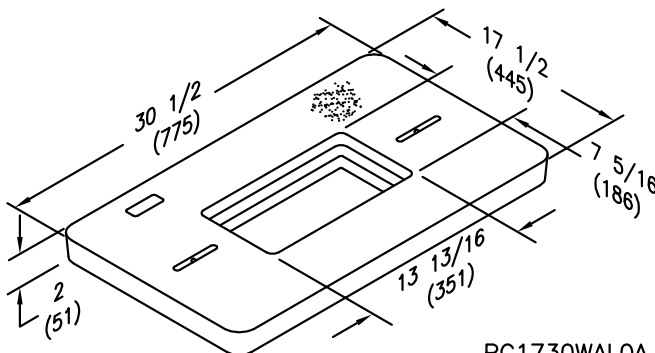
PG1118WAK0
27# (12.3 kg)



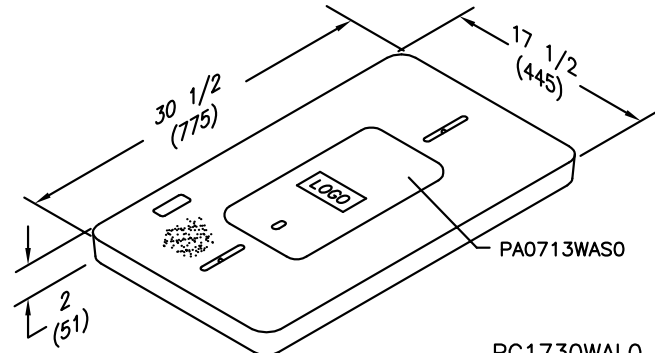
PG1324WAL0A
34# (15.4 kg)



PG1324WAL0
41# (18.6 kg)

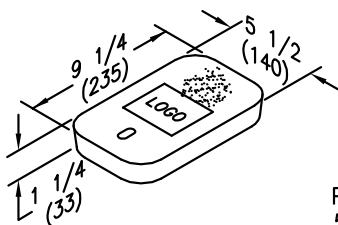


PG1730WAL0A
67# (30.4 kg)



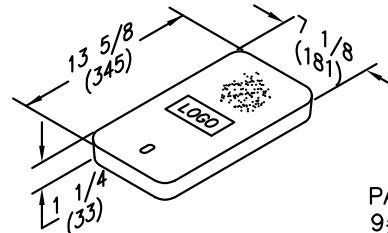
PG1730WAL0
74# (33.6 kg)

DROP IN LID



PA0609WAS0
5# (2.3 kg)

DROP IN LID

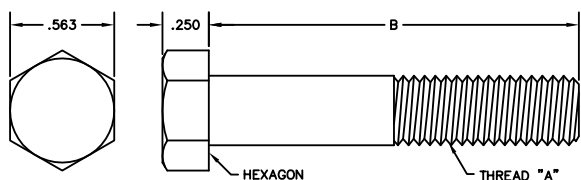
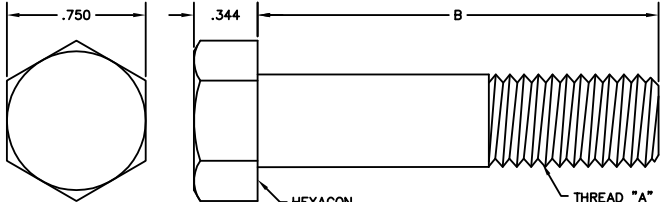


PA0713WAS0
9# (4.1 kg)

Adding a meter lid to a Tier 8 cover reduces the rating to Tier 5. A Tier 5 cover will be reduced to a pedestrian traffic only rating.

SPECIFICATIONS/DATA

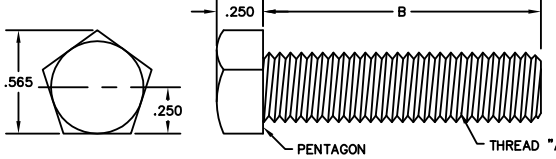
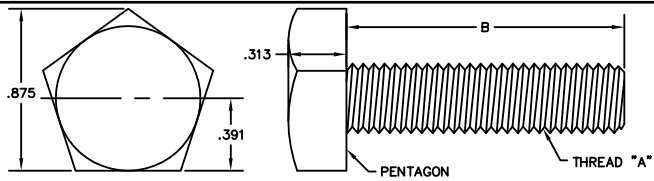
Standard Hex-Head Bolt - Stainless Steel

|  | | | | |  | | | | |
|---|-------|----------|--------------|--|--|-------|----------|--------------|--|
| Thread (A) | (B) | Part No. | UPC # 66-237 | Cover Application | Thread (A) | (B) | Part No. | UPC # 66-237 | Cover Application |
| 3/8-16 UNC | 1.50" | 80008 | 13162 | PC0608, PC0818 PC1012, PC1118 PC1212, PC1324 PC1730, PX1324 PX1730 | 1/2-13 UNC | 1.75" | 80107 | 13167 | LG3660 |
| 3/8-16 UNC | 1.75" | 80009 | 13163 | PR2700, PR3900 | 1/2-13 UNC | 3.50" | 80114 | 13169 | PG3660 (Overlapping) |
| 3/8-16 UNC | 2.50" | 80012 | 13411 | PG1015, PG1118 | 1/2-13 UNC | 4.00" | 80119 | 13176 | PG3060, PG3672 PG4848, PG4872 PG4896 |
| 3/8-16 UNC | 2.75" | 80013 | 13165 | PG2424, PT1324 PT1730 | 1/2-13 UNC | 5.00" | 80108 | 13175 | PG3060 (Overlapping) |
| 3/8-16 UNC | 3.00" | 80036 | 13174 | PD1324, PD1730 PG1324, PG1730 | | | | | |
| 3/8-16 UNC | 4.00" | 80018 | 13166 | PD2436, PD3048, PG2436, PG3048 PG3636 | | | | | |
| 3/8-16 UNC | 4.50" | 80017 | 13421 | PG3048 (Overlapping) | | | | | |

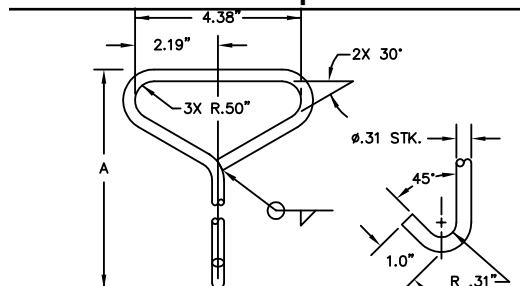
Tamper Resistant Standard Penta-Head Bolt - Stainless Steel

(For use with penta-head socket #82922)

(For use with penta-head socket #82920)

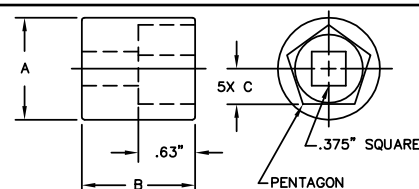
|  | | | | |  | | | | |
|--|-------|----------|--------------|--|---|-------|----------|--------------|---|
| Thread (A) | (B) | Part No. | UPC # 66-237 | Cover Application | Thread (A) | (B) | Part No. | UPC # 66-237 | Cover Application |
| 3/8-16 UNC | 1.50" | 80024 | 12996 | PC0608, PC0818, PC1012, PC1118, PC1212, PX1212 | 3/8-16 UNC | 1.50" | 80023 | 12994 | PC1324, PC1730, PX1324 PX1730 |
| 3/8-16 UNC | 1.75" | 80022 | 12940 | PR2700, PR3900 | 3/8-16 UNC | 1.75" | 80026 | 13008 | PG1015, PG1118 |
| 3/8-16 UNC | 2.50" | 80027 | 11837 | PG2424, PT1324, PT1730 | 3/8-16 UNC | 2.75" | 80027 | 11837 | PG2424, PT1324, PT1730 |
| 3/8-16 UNC | 3.00" | 80028 | 13009 | PD1324, PD1730, PG1324, PG1730 | 3/8-16 UNC | 3.00" | 80028 | 13009 | PD1324, PD1730, PG1324, PG1730 |
| 3/8-16 UNC | 4.00" | 80032 | 12995 | PD2436, PD3048, PG2436, PG3048, PG3636 | 3/8-16 UNC | 4.00" | 80032 | 12995 | PD2436, PD3048, PG2436, PG3048, PG3636 |
| 3/8-16 UNC | 4.50" | 80031 | 13006 | PG3048 (Overlapping) | 3/8-16 UNC | 4.50" | 80031 | 13006 | PG3048 (Overlapping) |
| 1/2-13 UNC | 1.75" | 80122 | 13177 | LG3660 | 1/2-13 UNC | 1.75" | 80122 | 13177 | LG3660 |
| 1/2-13 UNC | 3.50" | 80129 | 11840 | PG3660 (Overlapping) | 1/2-13 UNC | 3.50" | 80129 | 11840 | PG3660 (Overlapping) |
| 1/2-13 UNC | 4.00" | 80131 | 13161 | PG3060, PG3672, PG4848 PG4872, PG4896 | 1/2-13 UNC | 4.00" | 80131 | 13161 | PG3060, PG3672, PG4848 PG4872, PG4896 |
| 1/2-13 UNC | 5.00" | 80132 | 13178 | PG3060 (Overlapping) | 1/2-13 UNC | 5.00" | 80132 | 13178 | PG3060 (Overlapping) |

Cover Hook - Electroplated Steel



| Description | Part No. | UPC # 66-237 | (A) |
|------------------|----------|--------------|-------|
| Short Cover Hook | 82905 | 11842 | 7.0" |
| Long Cover Hook | 82908 | 11843 | 27.0" |

Tamper Resistant Standard Penta-Head Socket - Alloy Steel



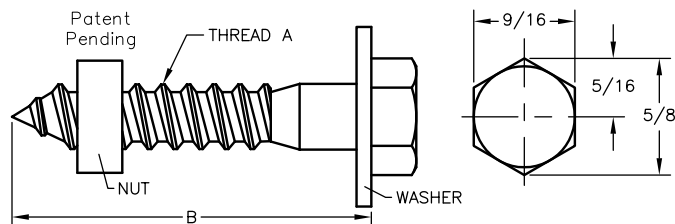
| Part No. | UPC # 66-237 | (A) | (B) | (C) |
|----------|--------------|-------------------------|-------|-------|
| 82920 | 11844 | 1.13" | 2.00" | .391" |
| 82922 | 11845 | .88" | 1.50" | .250" |
| 82924 | 11846 | .50"F to .375"M Adapter | | |



Hubbell's **NEW** "Self-Cleaning Auger Bolt Assembly" (Each assembly includes 2 bolts, 2 nuts and 2 washers)

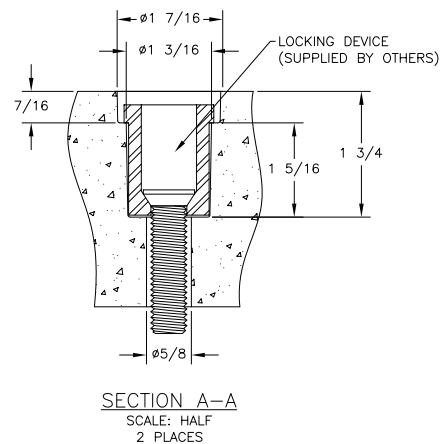
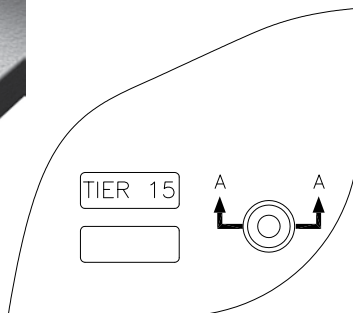
This **NEW** "Self-Cleaning Auger Bolt Assembly" aggressively digs and bores through compacted dirt, stone and debris, forcing the dirt out through the drain hole to ensure covers may easily be reinstalled and secured to the enclosure after backfilling or extended installation. This assembly is recommended for use as a replacement (see installation instructions on page 94 of the Quazite® catalog) bolt and nut or in new installations.

To order this option, add the suffix "H" to BOTH the box and cover part numbers (Ex. PG2436BA24H & PG2436HA0017H.)



| Thread (A) | B | Part No. | UPC# 66-2037 | Cover Application |
|------------------|-------|----------|--------------|--|
| 3/8-7 Lag Thread | 2.00" | 82500 | 12861 | PC0608, PC0818, PC1012, PC1118, PC1212, PC1324, PC1730, PX1324, PX1730 |
| 3/8-7 Lag Thread | 3.50" | 82505 | 12862 | PG1324, PG1730 |
| 3/8-7 Lag Thread | 4.00" | 82510 | 12863 | PG2436, PG3048, PG3636 |

New Secure Cover Lockdown Option



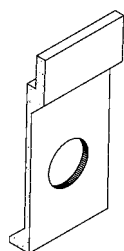
Hubbell now offers a unique counterbore design which allows easy installation of a LockDown-LockDry handhole locking device (sold separately). To order this option, insert the letter "D" into the 9th digit of the cover part number (Ex. PG3048HAD009). This option is available for PD, PG, & PT style covers 11" x 18" and larger

For more information on the locking device, visit <http://www.lockdown-lockdry.com/lockout.php>.

SPECIFICATIONS/DATA

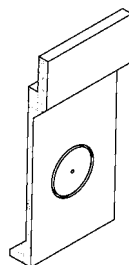
Options

Holes



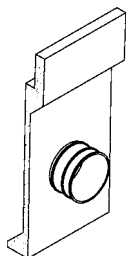
Conduit Sizes
(For actual hole sizes and locations see page 57.)
2"
3"
4" Electrical
4" Telephone
5"
6"
Other hole sizes available. Contact your local QUAZITE® representative for additional sizes.
Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

Knockouts



Conduit Sizes
(For actual hole sizes and locations see page 57.)
2"
3"
4" Electrical
4" Telephone
5"
6"
Other knockout sizes available. Contact your local QUAZITE® representative for additional sizes.
Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

Terminators



Conduit Sizes
(For actual hole sizes and locations see page 57.)
2"
3"
4" (Electrical & Telephone)*
5"
6"
*New 4" terminator design accommodates both electrical and telephone conduit sizes. Other terminator sizes available. Contact your local QUAZITE® representative for additional sizes.
Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

Strut Racks

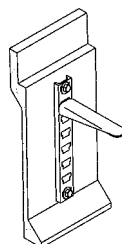


Box and cover struts available. Contact your local QUAZITE® representative for sizes.

Inserts must be located in ribs. See page 57 for rib locations.

Width x Depth
1-5/8" x 1-5/8"

Cable Racks & Rack Hooks - Galvanized Steel

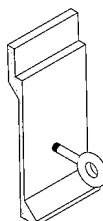


Cable Racks available in the following lengths:
12" length 80911
18" length 80910
24" length 80915
30" length 80920
36" length 80921

See page 57 for cable rack locations.

| Cable Rack Hooks | Part No. |
|------------------|----------|
| 7-1/2" length | 80905 |
| 10" length | 80907 |

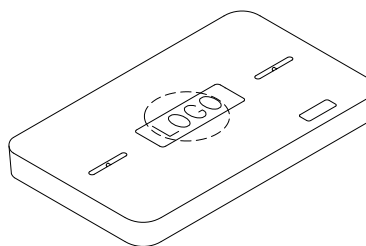
Pulling Eyes



Available Ratings
1,500 lbs.
3,000 lbs.
10,000 lbs.

Electronic Markers (cast in cover)

Full Range Electronic Markers are encased in the polymer concrete cover for protection. Specify power, gas, sanitary water or telephone as each type of utility has a different signal for identification.



| Marker | Frequency |
|-----------|-----------|
| Telephone | 101.4 kHz |
| Power | 169.8 kHz |
| Gas | 83.0 kHz |
| Water | 145.7 kHz |
| Sanitary | 121.6 kHz |

Captive Bolts

Captive bolts are available for PC, PD, PG, LG, PT, LT and PR style covers. Captive bolts prevent the bolt from falling out of the cover when the cover is removed.



SPECIFICATIONS/DATA

Options

Bolt Holes

Sizes

3/8"

1/4"

1/2"

Mouseholes

There is no additional charge for mouseholes in the standard size and location for their respective enclosures. PC0608, PC0818 and PC1212 boxes usually do not have mouseholes. See pg. 57 for locations.

Mousehole Sizes Standard on Boxes

2-1/2" x 4"

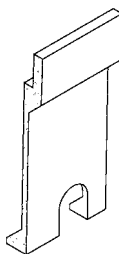
LT1015, PC1118, PG1118

4" x 4"

PC1324, PT1324, PC1730, PT1730, PG1324, PG2424, PG1730, PD1730, PG2436, PG3048, PD3048, PG3636

6" x 8"

PG3060, PG3660, PG3672, PG4848, PG4872, PG4896



Special order boxes with holes (or mouseholes, etc.) may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip.

Other sizes available. Contact your local QUAZITE® representative for information.

Pull Slots

The standard cover pull slot measures 1/2" x 4". Bell cover pull slots measuring 1" x 4" are available upon request.

Inserts - 18-8 Stainless Steel

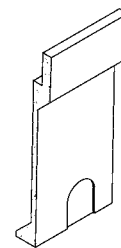
Available Sizes

3/8" or 1/2"

Inserts must be located in ribs. See page 57 for rib locations.

Mousehole Knockouts

There is no additional charge for mousehole knockouts in the standard size and location for their respective enclosures. Contact your local QUAZITE® representative for size options. See pg. 57 for locations.



Hinged Meter Lids*

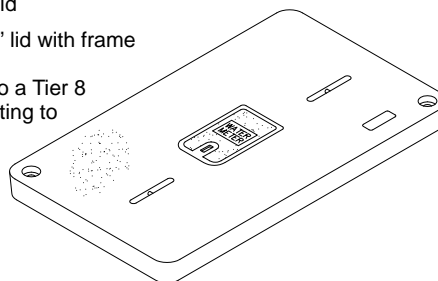
Available Sizes

R - Cast iron 4 1/2" x 7 1/2" lid

P - Cast iron 6" x 9" lid

Q - Cast iron 9" x 12" lid with frame

*Adding a meter lid to a Tier 8 cover reduces the rating to Tier 5. A Tier 5 cover will be reduced to a pedestrian traffic only rating.



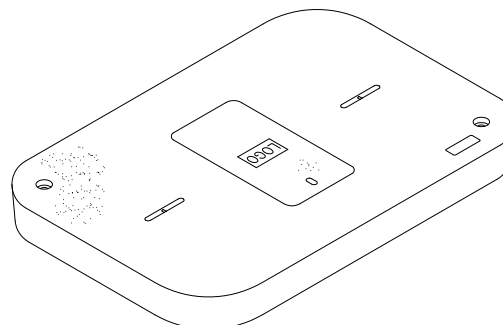
Drop-in Meter Lids*

Available Sizes

K - Polymer concrete 6" x 9" drop-in lid

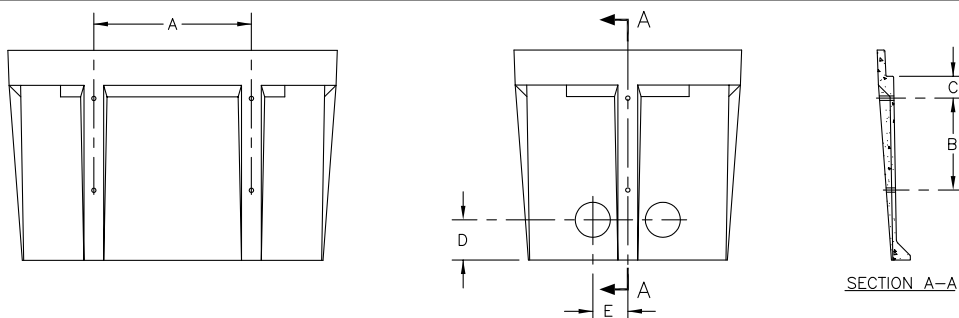
L - Polymer concrete 7" x 13" drop-in lid

*Adding a meter lid to a Tier 8 cover reduces the rating to Tier 5. A Tier 5 cover will be reduced to a pedestrian traffic only rating.



SPECIFICATIONS/DATA Standard Cable Rack Insert, Terminator, Knockout & Hole Locations

Mouseholes (not illustrated) - The standard location for mouseholes is in the center of the end walls of the enclosure.



BOXES

| PART NO. | DIMENSIONS | | | | |
|------------|------------------|------------------|-----------------|----------------|----------------|
| | A | B | C | D | E |
| PG2424BA24 | 12" (305 mm) | 10 1/2" (267mm) | 4" (102 mm) | 5 1/2" (140mm) | 4" (102mm) |
| PG2436BA18 | 18" (457mm) | 9" (229mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 4" (102mm) |
| PG2436BA24 | 18" (457mm) | 13 1/2" (343mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 4" (102mm) |
| PG2436BA30 | 18" (457mm) | 13 1/2" (343mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 4" (102mm) |
| PG2436BA42 | 18" (457mm) | 13 1/2" (343mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 4" (102mm) |
| PD3048BA24 | 22" (559mm) | 10 1/2" (267mm) | 6" (152 mm) | 5 1/2" (140mm) | 5 1/2" (140mm) |
| PD3048BA48 | 22" (559mm) | 13 1/2" (343 mm) | 6" (152 mm) | 5 1/2" (140mm) | 5 1/2" (140mm) |
| PG3048BA18 | 22" (559mm) | 9" (229mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 5 1/2" (140mm) |
| PG3048BA24 | 22" (559mm) | 10 1/2" (267mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 5 1/2" (140mm) |
| PG3048BA36 | 22" (559mm) | 13 1/2" (343mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 5 1/2" (140mm) |
| PG3060BA21 | 20 3/4" (527mm) | 10 1/2" (267mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 7" (178mm) |
| PG3060BA30 | 24" (610mm) | 10 1/2" (267mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 7" (178mm) |
| PG3060BA36 | 20 3/4" (527mm) | 10 1/2" (267mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 7" (178mm) |
| PG3636BA36 | 18" (457mm) | 13 1/2" (343mm) | 2 1/2" (64 mm) | 5 1/2" (140mm) | 7" (178mm) |
| PG3660BA19 | 22" (559mm) | 10 1/2" (267mm) | 4" (102 mm) | 5 1/2" (140mm) | 9" (229mm) |
| PG3660BA24 | 22" (559mm) | 10 1/2" (267mm) | 4" (102 mm) | 5 1/2" (140mm) | 9" (229mm) |
| PG3660BA31 | 22" (559mm) | 10 1/2" (267mm) | 4" (102 mm) | 5 1/2" (140mm) | 9" (229mm) |
| PG3660BA36 | 22" (559mm) | 10 1/2" (267mm) | 4" (102 mm) | 5 1/2" (140mm) | 9" (229mm) |
| PG3672BA21 | 20" (508mm) | 10 1/2" (267mm) | 3" (76 mm) | 5 1/2" (140mm) | 9" (229mm) |
| PG3672BA36 | 20" (508mm) | 10 1/2" (267mm) | 3" (76 mm) | 5 1/2" (140mm) | 9" (229mm) |
| PG4848BA36 | 22" (559mm) | 10 1/2" (267mm) | 5 1/2" (140 mm) | 7" (178mm) | 5 1/2" (140mm) |
| PG4848BA48 | 22" (559mm) | 10 1/2" (267mm) | 5 1/2" (140 mm) | 7" (178mm) | 5 1/2" (140mm) |
| PG4872BA36 | 46" (1168mm) | 13 1/2" (343mm) | 5 1/2" (140 mm) | 7" (178mm) | 5 1/2" (140mm) |
| PG4872BA48 | 46" (1168mm) | 13 1/2" (343mm) | 5 1/2" (140 mm) | 7" (178mm) | 5 1/2" (140mm) |
| PG4896BA48 | 24 3/16" (614mm) | 13 1/2" (343mm) | 5 1/2" (140 mm) | 7" (178mm) | 5 1/2" (140mm) |

NOTE - Holes should be located only in the walls of an enclosure. Do not cut holes in ribs or corners. Hole locations are ± 1" (25mm). Dimensions & weights in parentheses are metric equivalent.

HOLE SIZING FOR NON-METALLIC CONDUIT / DUCT

| NOMINAL SIZE | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 3" | 4" (elec.) | 4" (tele.) | 5" | 6" |
|--------------|------|--------|--------|--------|--------|--------|--------|------------|------------|--------|--------|
| CONDUIT O.D. | .840 | 1.050 | 1.315 | 1.660 | 1.900 | 2.375 | 3.500 | 4.500 | 4.350 | 5.563 | 6.625 |
| HOLE SIZE | 1" | 1 1/4" | 1 3/8" | 1 3/4" | 2" | 2 1/2" | 3 3/4" | 4 3/4" | 4 3/4" | 5 3/4" | 6 3/4" |

Quazite recommends that holes be punched 1/8" to 1/4" larger than the actual outside diameter of the conduit duct. If more precise holes are required, contact your local QUAZITE® representative.



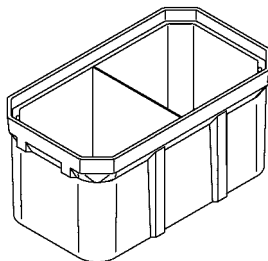
SPECIFICATIONS/DATA

Divided Boxes, Logos, Pad Options

Divided Boxes

Dividers are available for the following size enclosures:

| | |
|-----------------|-----------------|
| 24" x 36" x 18" | 36" x 72" x 21" |
| 24" x 36" x 30" | 36" x 72" x 36" |
| 24" x 36" x 42" | 48" x 48" x 36" |
| 30" x 48" x 18" | 48" x 48" x 48" |
| 30" x 48" x 36" | 48" x 72" x 36" |
| 30" x 60" x 21" | 48" x 72" x 48" |
| 30" x 60" x 36" | 48" x 96" x 36" |
| 36" x 36" x 36" | 48" x 96" x 48" |
| 36" x 60" x 36" | |



Dividers are typically located at the center of the box. Multiple dividers are also available. Additional dividers not listed may be available upon request. Contact your local QUAZITE® representative.

Logos

All covers are supplied without a logo unless specified. Most Commonly Used Logos may be ordered without an extra charge. Other available logos may be ordered with a set-up charge. New logos require a one time charge. (The PC0608 can accommodate only 13 letters and spaces.)

Most Commonly Used Cover Logos

| | |
|-----------------------------|------------------------------|
| 17 Electric | 72 Telephone 20K Static Load |
| 09 Blank | 84 Power |
| 46 Traffic Signal | 22 Fire Alarm |
| 41 Street Lighting | 65 Illumination |
| 12 Communications | 26 High Voltage |
| 10 CATV | 38 Signal |
| 79 Electric 20K Static Load | 92 Telecommunications |
| 50 Water | 14 Controls |
| 21 Fiber Optics | ZA Irrigation |
| 44 Traffic | 36 Security |
| 29 Lighting | 81 Danger High Voltage |
| 43 Telephone | 45 Traffic Control |
| 24 Ground | |

Pad Options

Struts - Galvanized Steel

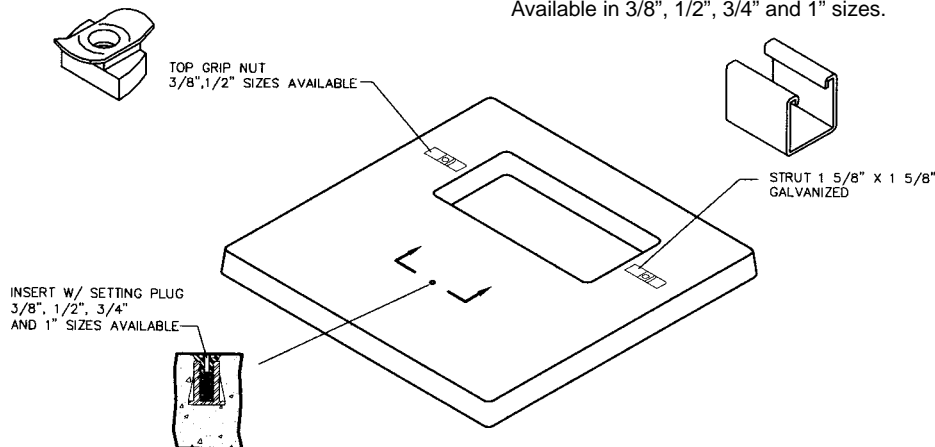
Typical strut lengths are 3" and 5". Contact your local QUAZITE® representative for additional lengths.

Top-Grip Nuts - Zinc Plated

Available in 3/8" or 1/2" sizes.

Inserts - Zinc Alloy










Available in 3/8", 1/2", 3/4" and 1" sizes.



SPECIFICATIONS/DATA

Color Options

The standard color for QUAZITE® products is concrete gray. Various color options allow for matching adjacent materials or special identification of enclosures. Some commonly requested colors include:

| Color Sample | Description | Part No. Code |
|---|-------------------------------|---------------|
|  | Brick Red | R |
|  | Forest Green | G |
|  | Light Green | F |
|  | Cement Gray | C |
|  | Charcoal Gray | D |
|  | Black | B |
|  | Pecan | P |
|  | International Orange | A |
|  | Purple (non-potable water) | N |



Color options seen above at the Tennessee State Aquarium in Chattanooga, Tennessee.

*Note: Printed colors do not exactly represent product colors.
Contact your local QUAZITE® representative for other special colors.*

When ordering, the color of the box and cover should be designated in the 6th digit of the part number. For example, a forest green PG1730BA18 box or cover would be ordered as PG1730GBA18.



Electrical Equipment Pad Selection Guide

Using The Selection Guide

Follow the steps outlined in this guide to select the appropriate pad for your application. For more information or for answers to any questions you might have, call your local QUAZITE® representative. Detailed product drawings can be found in this section and also can be viewed on our website:

www.quazite.com

1 Determine Type of Equipment

QUAZITE® offers a variety of pads and box pads that work with most transformers and switchgear manufactured today.

QUAZITE® pads are available for most Single-phase transformers rated 10 kVA - 167 kVA and Three-phase transformers rated up to 2,500 kVA. Larger sizes can be made to suit your application.

QUAZITE® switchgear box pads are designed to fit most manufacturers' switchgear rated 15 kV, 25 kV and 35 kV. Please see the Switchgear Cross Reference Guide on page 61 for more information.

2 Determine Pad Type

QUAZITE® offers two types of pads to choose from: flat pads and box pads.

Flat pads and box pads offer different advantages. Flat pads are light weight and require only a small amount of digging to set. Flat pads can be installed on hillsides by using a hill holder. The optional SPLIT-PAD® design may be preferred for retrofit installations requiring the use of a flat pad. Box pads offer the advantage of providing room to train and coil extra cable underneath the equipment if needed.

Quazite's engineering staff will be happy to assist you in determining the proper pad for your application. Throat sizes and insert locations on both pads and box pads can be tailored to meet your requirements.

To Select the Pad You Need for Your Application:

- 1 Determine Type of Equipment**
- 2 Determine Pad Type**
- 3 Determine Pad Dimensions
- 4 Determine Performance Requirements
- 5 Determine Installation Requirements



Quazite offers QUAZITE® single-phase transformer pads that work with most transformers on the market today.



Lightweight QUAZITE® switchgear box pads (seen above) can be set in place with the backhoe used to dig the hole (precast concrete pads this size would require a crane to lift and install). The switchgear box pad also provides a large underground area with room to "train" cable into the switchgear.

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Switchgear Box Pad Cross Reference Guide

To Select the Pad You Need for Your Application:

- 1 Determine Type of Equipment
- 2 Determine Pad Type**
- 3 Determine Pad Dimensions
- 4 Determine Performance Requirements
- 5 Determine Installation Requirements

Hubbell Power Systems (AB Chance)

| Model | kV | Cabinet Size | Throat Size | Insert Location | Part No. |
|---------|--------|-----------------|-------------|---------------------|---------------|
| AIS-1 | 15-95 | 36 7/8 x 30 | 30 x 22 | (2) 25 (Center) | PB44443022B32 |
| AIS-1A | 15-95 | 31 7/8 x 41 | 31 x 31 | (2) 36 (Center) | PB44443131B32 |
| AIS-6 | 15-95 | 64 1/2 x 75 | 57 x 67 | 49 1/2 x 70 | PB74765767B36 |
| AIS-9 | 15-95 | 64 1/2 x 75 | 57 x 67 | 49 1/2 x 70 | PB74765767B36 |
| AIS-10 | 15-95 | 70 1/2 x 75 | 57 x 67 | 55 1/2 x 70 | PB74765767B36 |
| AIS-11 | 15-95 | 70 1/2 x 75 | 57 x 67 | 55 1/2 x 70 | PB74765767B36 |
| AIS-12 | 15-95 | 64 1/2 x 75 | 57 x 67 | 49 1/2 x 70 | PB74765767B36 |
| AIS-13A | 15-95 | 70 1/2 x 75 | 57 x 67 | 55 1/2 x 70 | PB74765767B36 |
| AIS-1 | 25-125 | 49 3/4 x 35 1/4 | 30 x 22 | (2) 30 1/4 (Center) | PB40583022B24 |
| AIS-1A | 25-125 | 49 3/4 x 46 1/2 | 15 x 37 | (2) 41 1/2 (Center) | PB52501537B18 |
| AIS-6 | 25-125 | 79 1/2 x 84 | 74 x 76 | 64 1/2 x 79 | PB93937476B36 |
| AIS-9 | 25-125 | 79 1/2 x 84 | 74 x 76 | 64 1/2 x 79 | PB93937476B36 |
| AIS-10 | 25-125 | 86 x 84 | 74 x 76 | 71 x 79 | PB93937476B36 |
| AIS-11 | 25-125 | 86 x 84 | 74 x 76 | 71 x 79 | PB93937476B36 |
| AIS-12 | 25-125 | 79 1/2 x 84 | 74 x 76 | 64 1/2 x 79 | PB93937476B36 |
| AIS-13A | 25-125 | 86 x 84 | 74 x 76 | 71 x 79 | PB93937476B36 |

S&C Electric

| Model | kV | Cabinet Size | Throat Size | Insert Location | Part No. |
|-----------------|---------------|--------------|-------------|--------------------------|---------------|
| PMH-6 | 14.4 | 60 3/4 x 67 | 50 x 62 | 53 x 49 | PB74765062B36 |
| PMH-9 | 14.4 | 60 3/4 x 67 | 50 x 62 | 53 x 49 | PB74765062B36 |
| PMH-10 | 14.4 | 60 3/4 x 67 | 50 x 62 | 53 x 49 | PB74765062B36 |
| PMH-11 | 14.4 | 60 3/4 x 67 | 50 x 62 | 53 x 49 | PB74765062B36 |
| PME-6 | 14.4 | 66 3/4 x 75 | 62 x 67 | 49 1/2 x 69 1/2 | PB74766267B36 |
| PME-9 | 14.4 | 66 3/4 x 75 | 62 x 67 | 49 1/2 x 69 1/2 | PB74766267B36 |
| PME-10 | 14.4 | 72 3/4 x 75 | 62 x 67 | 55 1/2 x 69 1/2 | PB74766267B36 |
| PME-11 | 14.4 | 72 3/4 x 75 | 62 x 67 | 55 1/2 x 69 1/2 | PB74766267B36 |
| PME-12 | 14.4 | 66 3/4 x 75 | 62 x 67 | 49 1/2 x 69 1/2 | PB74766267B36 |
| PMH-6 | 25 | 76 3/4 x 82 | 66 x 72 1/2 | 69 x 64 | PB93936672B36 |
| PMH-9 | 25 | 76 3/4 x 82 | 66 x 72 1/2 | 69 x 64 | PB93936672B36 |
| PMH-10 | 25 | 76 3/4 x 82 | 66 x 72 1/2 | 69 x 64 | PB93936672B36 |
| PMH-11 | 25 | 76 3/4 x 82 | 66 x 72 1/2 | 69 x 64 | PB93936672B36 |
| PME-6 | 25 | 81 3/4 x 84 | 72 1/2 x 77 | 52 x 78 1/2 | PB93937277B36 |
| PME-9 | 25 | 81 3/4 x 84 | 72 1/2 x 77 | 52 x 78 1/2 | PB93937277B36 |
| PME-10 | 25 | 88 1/4 x 84 | 72 1/2 x 77 | 58 1/2 x 78 1/2 | PB93937277B36 |
| PME-11 | 25 | 88 1/4 x 84 | 72 1/2 x 77 | 58 1/2 x 78 1/2 | PB93937277B36 |
| PME-12 | 25 | 81 3/4 x 84 | 72 1/2 x 77 | 52 x 78 1/2 | PB93937277B36 |
| 320,321,330 | 15.5 (12,500) | 61 x 72 | 12 x 64 | 37 x 39, 55 1/2 x 57 | PB74761264B36 |
| 320,321,330 | 15.5 (25,000) | 65 x 79 | 12 x 68 | 37 x 52, 59 1/2 x 64 | PB93931268B36 |
| 320,321,330 | 29 (12,500) | 65 x 72 | 12 x 64 | 37 x 44 1/4, 57 x 59 1/2 | PB74761264B36 |
| 320,321,330 | 29 (25,000) | 65 x 79 | 12 x 68 | 37 x 52, 59 1/2 x 64 | PB93931268B36 |
| 320,321,330 | 38 (12,500) | 65 x 79 | 12 x 68 | 37 x 52, 59 1/2 x 64 | PB93931268B36 |
| 320,321,330 | 38 (25,000) | 65 x 79 | 12 x 68 | 37 x 52, 59 1/2 x 64 | PB93931268B36 |
| 413,422,431,440 | 15.5 (12,500) | 61 x 72 | 12 x 64 | 37 x 57, 55 1/2 x 51 | PB74761264B36 |
| 413,422,431,440 | 15.5 (25,000) | 65 x 79 | 12 x 68 | 37 x 62, 59 1/2 x 57 | PB93931268B36 |
| 413,422,431,440 | 29 (12,500) | 65 x 72 | 12 x 64 | 37 x 62, 59 1/2 x 57 | PB74761264B36 |
| 413,422,431,440 | 29 (25,000) | 65 x 79 | 12 x 68 | 37 x 69 1/4, 59 1/2 x 64 | PB93931268B36 |
| 413,422,431,440 | 38 (12,500) | 65 x 79 | 12 x 68 | 37 x 69 1/4, 59 1/2 x 64 | PB93931268B36 |
| 413,422,431,440 | 38 (25,000) | 65 x 79 | 12 x 68 | 37 x 69 1/4, 59 1/2 x 64 | PB93931268B36 |

Cooper Power (Kyle Type)

Contact your local QUAZITE® representative for details.

Federal Pacific

| Model | kV | Cabinet Size | Throat Size | Insert Location | Part No. |
|------------------|----|--------------|-------------|-----------------|---------------|
| PSE-SC-9 | 15 | 75 x 69 3/4 | 62 x 67 | 49 1/2 x 69 1/2 | PB74766267B36 |
| PSE-SC-11 | 15 | 75 x 72 3/4 | 62 x 67 | 55 1/2 x 69 1/2 | PB74766267B36 |
| PSE-SC-Deadfront | 25 | 84 x 88 1/4 | 72 x 77 | 58 1/2 x 78 1/2 | PB93937277B36 |
| PSE-SC-Deadfront | 25 | 81 3/4 x 84 | 72 x 77 | 52 x 78 1/2 | PB93937277B36 |
| PSI/II-5 | 25 | 74 1/2 x 43 | 43 x 60 | 66 1/2 x 35 | PB74764360B36 |
| PSI/II-61 | 15 | 67 x 72 | 62 x 67 | 49 1/2 x 69 1/2 | PB74766267B36 |
| PSI/II-9 | 15 | 58 1/2 x 67 | 50 x 62 | 53 x 49 | PB74765062B36 |
| PSI/II-9 | 25 | 74 1/2 x 82 | 66 x 72 | 69 x 64 | PB93936672B36 |

G & W Electric



Contact your local QUAZITE® representative for details.

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Electrical Equipment Pad Selection Guide

To Select the Pad You Need for Your Application:

- 1 Determine Type of Equipment
- 2 Determine Pad Type
- 3 Determine Pad Dimensions**
- 4 Determine Performance Requirements**
- 5 Determine Installation Requirements

3 Determine Pad Dimensions

To determine the proper pad dimensions for your application, calculate the size of the equipment and the amount of workspace desired and then specify the size and location of the throat. The electrical equipment footprint must match the pad/box pad dimensions and insert locations to ensure transformers and switchgear will properly mount to the pad or box pad. The pad/box pad also must have a throat opening that provides adequate space for cable and/or conduit to come through.

4 Determine Performance Requirements

QUAZITE® pads are constructed of strong polymer concrete and reinforced with a heavy-weave fiberglass. Unlike fiberglass or plastic pads, QUAZITE®'s strength assures that the pad will support the weight of the equipment mounted to it without bending or cracking. QUAZITE® pads are tested for structural integrity by applying a 1,000 lb. load to the surface distributed by a 5" x 7" steel plate. Each corner is tested separately by applying a 1,500 lb. load over the same plate positioned one inch from the edge. No damage occurs and deflection is less than 0.15".

QUAZITE® polymer concrete pads also resist UV rays, chemicals and water absorption. Plastic and fiberglass pads can become brittle and eventually crack when exposed to the weather. The durability that QUAZITE® provides means lower maintenance and life cycle costs.



Pad Performance

| Performance Criteria | QUAZITE® Precast Polymer Concrete Pads | Precast Concrete Pads | Poured-in-Place Concrete Pads | Thermoplastic / Fiberglass Pads |
|---|--|--------------------------|----------------------------------|------------------------------------|
| Stable under loading during high temperatures (won't flex or warp) | X | X | X | |
| Stable under loading during cold temperatures (won't crack) | X | | | |
| Not susceptible to damage caused by freeze/thaw cycles | X | | | X |
| Resistant to corrosion caused by weathering, road chemicals, and equipment lubricants | X | | | X |
| Provides long-term durability (fatigue or creep resistant) | X | X | X | |
| Withstands impacts and other damage caused by lawn equipment | X | X | X | |

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Electrical Equipment Pad Selection Guide

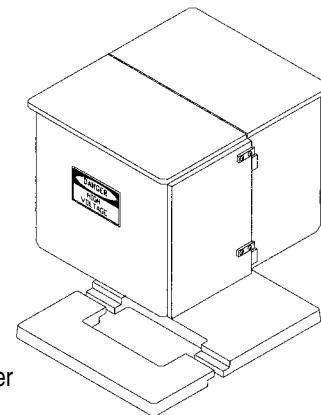
To Select the Pad You Need for Your Application:

- 1 Determine Type of Equipment
- 2 Determine Pad Type
- 3 Determine Pad Dimensions
- 4 Determine Performance Requirements
- 5 Determine Installation Requirements**

5 Determine Installation Requirements

Installing QUAZITE® pads is easy and cost effective because it requires no special equipment to set the pad. A backhoe is all that is necessary to lift the pad in place. QUAZITE® pads also save time during installation. Unlike poured-in-place pads that can take hours or days to form, pour, set, and remove the forms, QUAZITE® pads can be installed in a matter of minutes and installation of electrical equipment can begin immediately after the pad is set.

The optional SPLITT-PAD® design makes retrofit installations easy and eliminates the need to disconnect service during installation. Simply break away the old concrete or other material underneath the equipment cabinet and slip the SPLITT-PAD® underneath. Complete the installation by bolting the two-piece pad together at the throat. For more detailed instructions on how to install the SPLITT-PAD® and other QUAZITE® pads, see page 100.



SPLITT-PAD®

Pad Installation

| Installation Criteria | QUAZITE® | | | |
|---|-------------------------------|-----------------------|-------------------------------|---------------------------------|
| | Precast Polymer Concrete Pads | Precast Concrete Pads | Poured-in-Place Concrete Pads | Thermoplastic / Fiberglass Pads |
| Easily installed in areas with limited accessibility | X | | | X |
| Minimal planning and scheduling of crews required for installation | X | | | X |
| No special equipment (such as a boom truck or crane) needed for installation | X | | | X |
| Easily installed by no more than two crew members (lightweight) | X | | | X |
| Equipment and pad can be easily installed in the same day | X | X | | X |
| Available as a two-piece pad so that service does not have to be disconnected when retrofitting | X | | | X |
| Flat surface allows equipment to fit flush with the pad | X | | | |

Pad Numbering System

| Weight | Style | Size | Throat Size | Item | Depth | Surface |
|---|---|-------------|-------------|---|--|----------------------------------|
| P | L | 4846 | 0817 | A | 3 | T |
| L - Lightweight mix P - Standard mix | B - Box pad H - Electrical equipment pad J - Split electrical equipment pad K - Split telecommunications equipment pad L - Telecommunications equipment pad | 48" x 46" | 8" x 17" | A - 3/8-16 UNC inserts B - 1/2-13 UNC inserts C - 5/8-11 UNC inserts E - 5/8 thru hole F - Struts w/ 3/8" inserts G - Struts w/ 1/2" inserts H - Struts w/ 5/8" inserts | 3" thick (Indicates surface thickness if flat pad; indicates depth if box pad.) | S - Smooth T - Skid resistant |

Dimensions run parallel to each other.

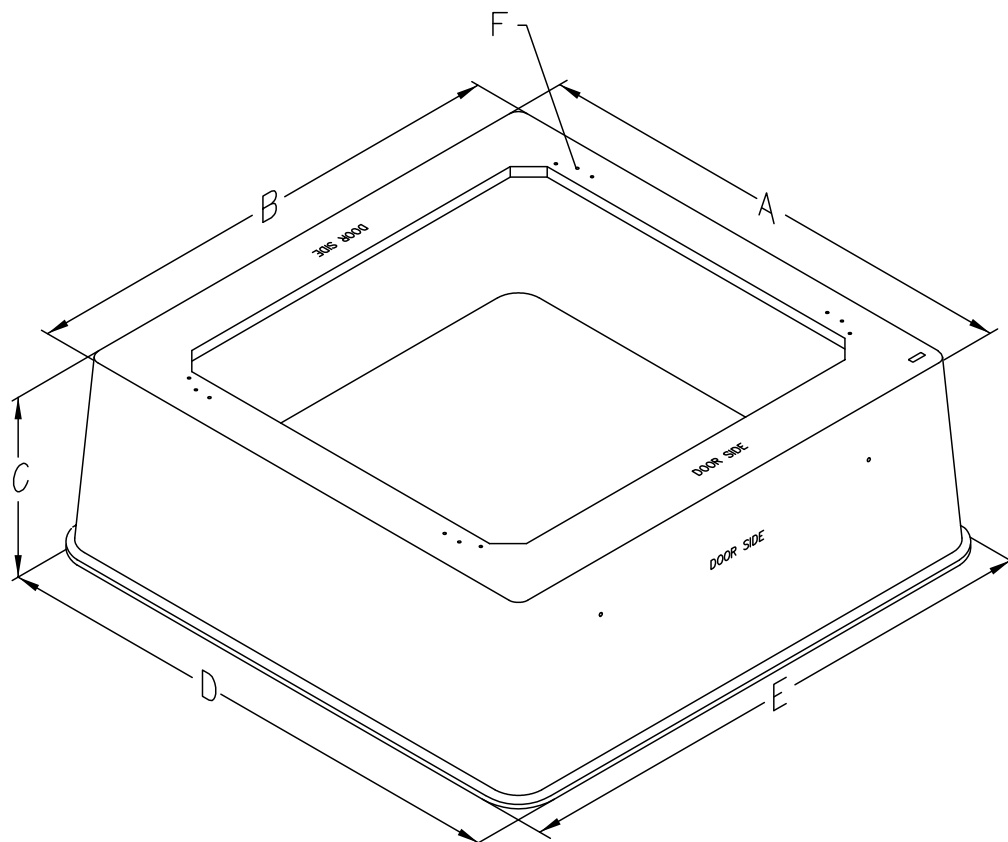
Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.



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SPECIFICATIONS/DATA

Box Pads



| PART NO. | WT. (LBS.) | A | B | C | D | E | THROAT SIZE | F | INSERT/HOLE LOCATIONS |
|---------------|---------------|------------|------------|-------------|----------------|----------------|-------------|-----------------|---------------------------------------|
| PB44442525B32 | 500# (226.8) | 44" (1118) | 44" (1118) | 32" (813) | 57" (1448) | 57" (1448) | 25 X 25 | (8) 1/2-13 UNC | 13 X 28 |
| PB44442525E32 | 500# (226.8) | 44" (1118) | 44" (1118) | 32" (813) | 57" (1448) | 57" (1448) | 25 X 25 | (8) 5/8 THRU | 13 X 28 |
| PB74761248B36 | 1277# (579.2) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 12 X 48 | (8) 1/2-13 UNC | 57 X 55 1/2, 39 X 37 |
| PB74761645036 | 1293# (586.5) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 16 X 45 | - | - |
| PB74764343B36 | 980# (444.5) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 43 X 43 | (6) 1/2-13 UNC | 45 3/8 X 37, 40 |
| PB74764360B36 | 980# (444.5) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 43 X 60 | (14) 1/2-13 UNC | 57 5/8 X 2, 63 X 35, 63 X 39, 63 |
| PB74765062B36 | 999# (453.1) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 50 X 62 | (8) 1/2-13 UNC | 49 X 53, 61 1/2 X 53 |
| PB74765656B36 | 880# (399.2) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 56 X 56 | (4) 1/2-13 UNC | 50 1/2 X 61 1/2 |
| PB74765767B36 | 786# (356.5) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 57 X 67 | (8) 1/2-13 UNC | 70 X 49 1/2, 70 |
| PB74766264B36 | 761# (345.2) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 62 X 64 | (4) 1/2-13 UNC | 69 1/2 X 54 |
| PB74766267502 | 841# (381.5) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 62 X 67 | (4) 1/2-13 UNC | 46 X 70 |
| PB74766267B36 | 841# (381.5) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 62 X 67 | (4) 1/2-13 UNC | 46 X 70 |
| PB74766268B36 | 748# (339.3) | 74" (1880) | 76" (1930) | 36" (914.4) | 87 1/4" (2216) | 89 1/4" (2267) | 62 X 68 | (4) 1/2-13 UNC | 71 1/2 X 46 |
| PB93932442B36 | 1907# (865) | 93" (2362) | 93" (2362) | 36" (914.4) | 101" (2565) | 101" (2565) | 24 X 42 | (4) 1/2-13 UNC | 52 X 63 |
| PB93936672B36 | 1363# (618.3) | 93" (2362) | 93" (2362) | 36" (914.4) | 101" (2565) | 101" (2565) | 66 X 72 | (8) 1/2-13 UNC | 64 X 69 |
| PB93936875B36 | 1267# (574.7) | 93" (2362) | 93" (2362) | 36" (914.4) | 101" (2565) | 101" (2565) | 68 X 75 | (4) 1/2-13 UNC | 64 X 71 |
| PB93937277B36 | 1238# (561.5) | 93" (2362) | 93" (2362) | 36" (914.4) | 101" (2565) | 101" (2565) | 72 X 77 | (12) 1/2-13 UNC | 65 X 76, 58 1/2 X 78 1/2, 52 X 78 1/2 |

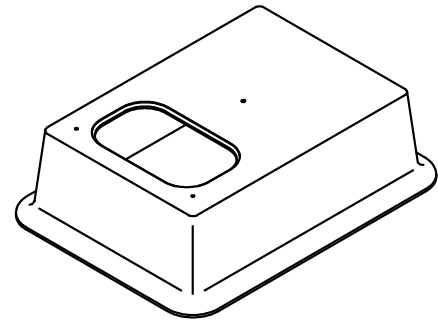
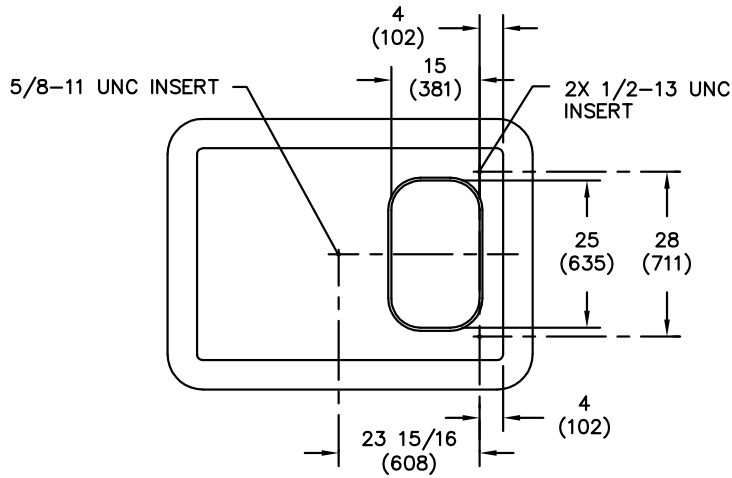
Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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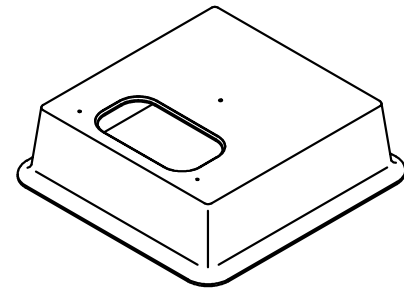
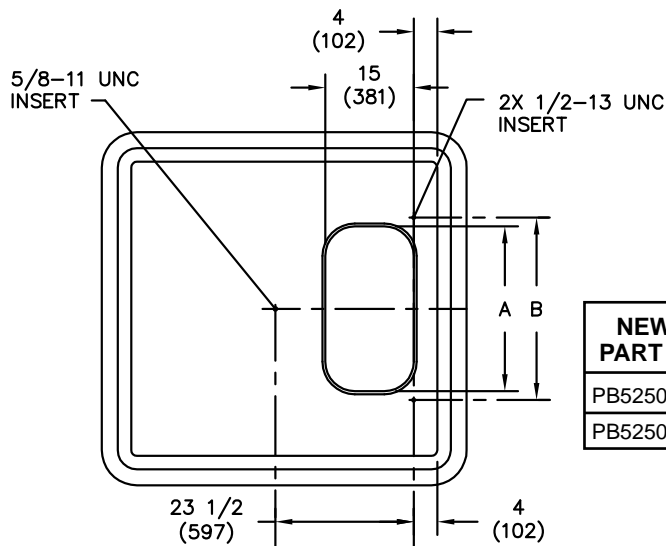
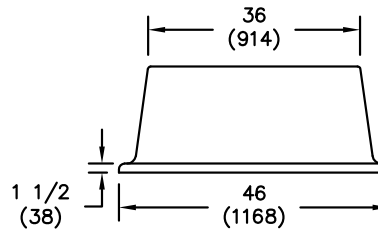


SPECIFICATIONS/DATA

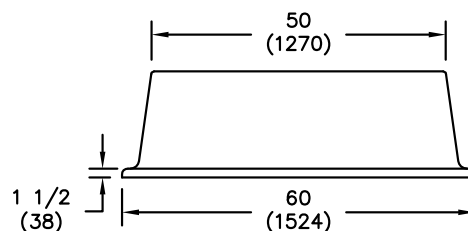
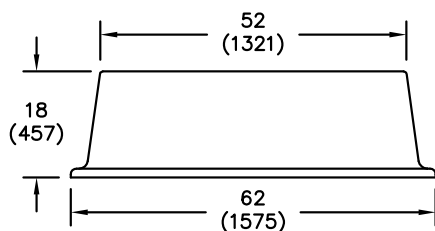
Box Pads



BOX PAD
PB52361525B18
(OLD PART NO. PB3652BA18)
377# (171)



| NEW PART NO. | OLD PART NO. | WEIGHT # | A | B |
|---------------|--------------|--------------|--------------|---------------|
| PB52501528B18 | PB5052BA18 | 491 (223 kg) | 28" (711 mm) | 31" (787 mm) |
| PB52501537B18 | PB5052B500 | 485 (220 kg) | 37" (940 mm) | 40" (1016 mm) |



Dimensions in parentheses are metric equivalent.

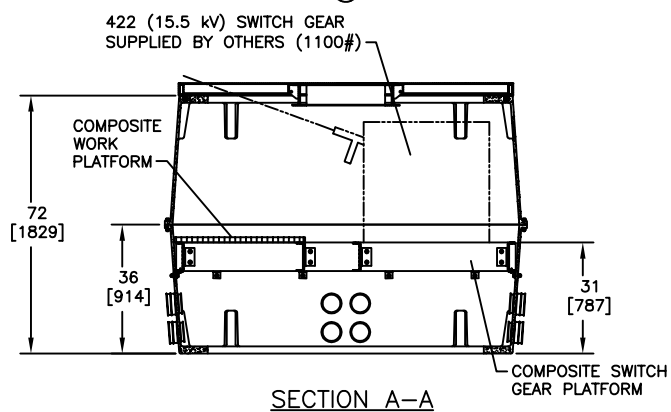
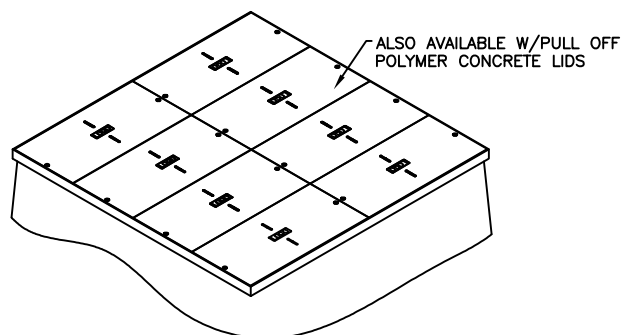
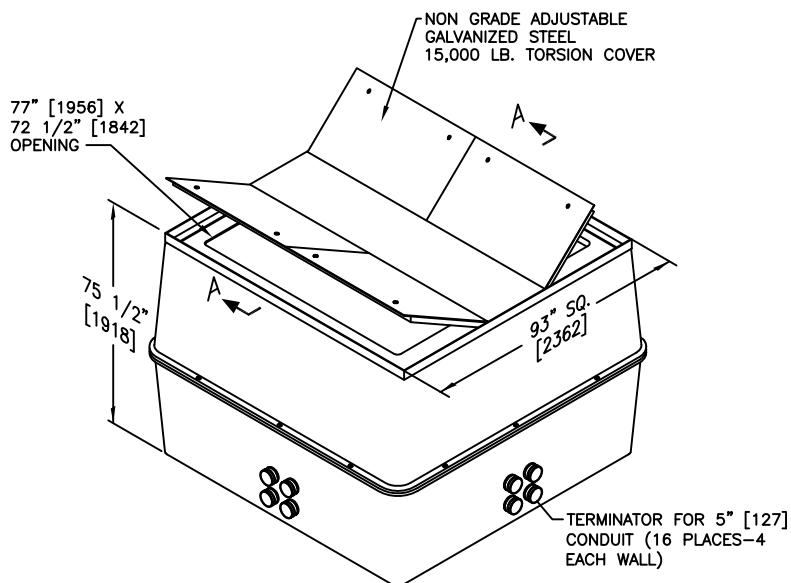


Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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SPECIFICATIONS/DATA

Underground Distribution Switchgear Enclosure

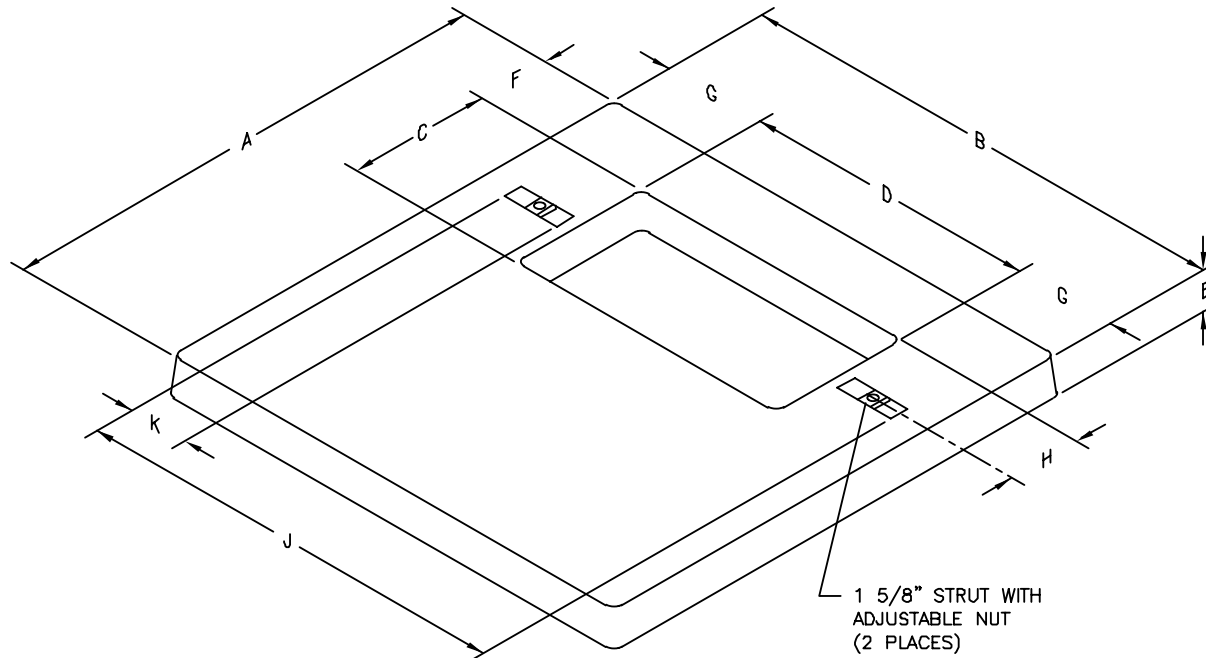


| ASSEMBLY NUMBER | COVER OPTION | WEIGHT # |
|-----------------|----------------------------|------------------|
| PB9393Z502 | TORSION ASSIST | 3,476 (1,577 kg) |
| PB9393Z505 | POLYMER CONCRETE REMOVABLE | 3,956 (1,794 kg) |

If switchgear size or configuration is not shown, contact Quazite field sales office.

SPECIFICATIONS/DATA

Electric Equipment Pads



| NEW PART NO. | OLD PART NO. | WEIGHT # | A | B | C | D | E | F | G | H | J | K |
|-----------------|-----------------|-------------|----------|----------|-----------|-----------|--------|---------|----------|----------|----------|--------|
| PH40401225F3S | PH4040BA | 136 | 39 1/2" | 39 1/2" | 12" | 25" | 3 1/8" | 5 3/4" | 7 1/4" | 6" | 36 1/2" | 5" |
| PH42421225F3S | PH4242BA | 150 | 41 7/16" | 41 7/16" | 12 9/16" | 25 9/16" | 3 1/4" | 5 7/16" | 7 15/16" | 6 5/16" | 36 1/2" | 5" |
| PH42421227G3S | PH4242B500 | 154 | 41 7/16" | 41 7/16" | 12 9/16" | 27 9/16" | 3 1/4" | 5 7/16" | 6 15/16" | 6 5/16" | 32" | 2" |
| PH42421225G3T | PH4242B501* | 150 | 41 7/16" | 41 7/16" | 12 9/16" | 25 9/16" | 3 1/4" | 5 7/16" | 7 15/16" | 6 5/16" | 30 9/16" | 2 1/2" |
| PH42421225G3S | PH4242B503 | 150 | 41 7/16" | 41 7/16" | 12 9/16" | 25 9/16" | 3 1/4" | 5 7/16" | 7 15/16" | 6 5/16" | 39" | 6" |
| PH42421227507 | PH4242B507 | 154 | 41 7/16" | 41 7/16" | 12 9/16" | 27 9/16" | 3 1/4" | 5 7/8" | 6 15/16" | 6 5/16" | 32" | 2" |
| PH42421225513 | PH4242B513 | 100 | 41 7/16" | 41 7/16" | 12 9/16" | 25 9/16" | 3 1/4" | 5 7/16" | 7 15/16" | 6 5/16" | 36 1/2" | 5" |
| PH42421424G3S | PH4242B515 | 100 | 41 7/16" | 41 7/16" | 14 9/16" | 24 9/16" | 3 1/4" | 4 7/16" | 8 7/16" | 7 5/16" | 33" | 3" |
| PH42421225A3S | PH4242B518 | 150 | 41 7/16" | 41 7/16" | 12 9/16" | 25 9/16" | 3 1/4" | 5 7/16" | 7 15/16" | — | — | — |
| PH42421225512 | PH4242D512 | 150 | 41 7/16" | 41 7/16" | 12 9/16" | 25 9/16" | 3 1/4" | 5 7/16" | 7 15/16" | 6 5/16" | 32 1/2" | 3" |
| PH42421225520 | PH4242DW | 142 | 41 7/16" | 41 7/16" | 12 9/16" | 25 9/16" | 3 1/4" | 5 7/16" | 7 15/16" | 6 5/16" | 36 1/2" | 5" |
| PH56441326G3S | PH4456B500 | 210 | 56" | 44" | 13 3/4" | 26 3/4" | 3 1/4" | 6 1/4" | 8 5/8" | 6 13/16" | 31 1/2" | 2" |
| PH4842122603S | PH4842B500 | 165 | 48" | 42" | 12" | 26" | 3 1/4" | 6" | 8" | 6" | 32 1/4" | 3" |
| PH48421227G4S | PH4842TB | 170 | 48" | 42" | 12 3/4" | 27 3/4" | 4" | 4 5/8" | 7 1/8" | 6 3/8" | 38" | 5" |
| PH48461826G3S | PH4846BA | 161 | 48" | 46" | 18 9/16" | 26 9/16" | 3 1/4" | 5 1/2" | 9 11/16" | 9 5/16" | 37 1/2" | 5" |
| PH54481826F4S | PH5448BA | 220 | 54" | 48" | 18 3/4" | 26 3/4" | 4" | 6 5/8" | 10 5/8" | 9 3/8" | 37 3/4" | 5" |
| PH66721842F4S | PH6672BA | 454 | 66" | 72" | 18 3/4" | 42 3/4" | 4" | 4 3/4" | 14 5/8" | 9 3/8" | 53 3/4" | 5" |
| PH75521728B4T | PH5275AD | 290 | 75" | 52" | 17 11/16" | 28 11/16" | 4" | 5 5/8" | 11 5/8" | — | — | — |
| PH84960000500 | PH9684AA | 779 | 84" | 96" | — | — | 4" | — | — | — | — | — |
| PH84962269B4T | PH9684AD | 887 | 84" | 96" | 22 3/4" | 69 3/4" | 4" | 9" | 13 1/8" | — | — | — |

* Skid resistant surface
Additional sizes are available to meet your specific requirements.
Contact your local QUAZITE® representative for more information.

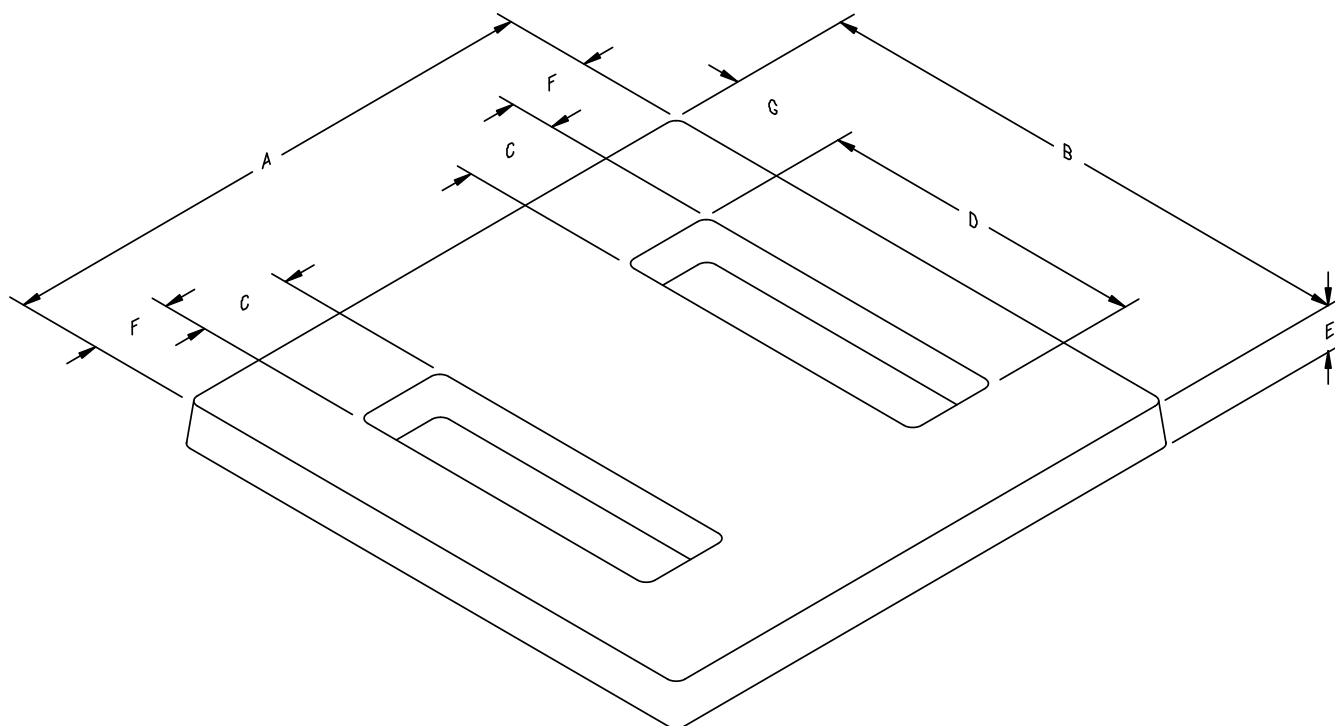


Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

APRIL 2009

SPECIFICATIONS/DATA

Electric Equipment Pads



| NEW PART NO. | OLD PART NO. | WEIGHT # | A | B | C | D | E | F | G | STRUTS/ INSERTS** |
|---------------|--------------|----------|-----|-----|-----------|---------|----|---------|--------|-------------------|
| PH64640650F4S | PH6464AA | 388 | 64" | 64" | 6 3/4" | 50 3/4" | 4" | 11 1/4" | 6 1/4" | (4) 6" struts |
| PH90482412F4S | PH9048AA | 349 | 90" | 48" | 24 11/16" | 12 3/4" | 4" | 8 1/8" | 6" | (4) 5" struts |
| PH96802165B4T | PH8096AA* | 494 | 96" | 80" | 21 3/4" | 65 3/4" | 4" | 7" | 7 1/8" | (4) 1/2-13 UNC |

* Skid resistant surface

** See individual detail drawings for strut and insert locations.

Note: Individual detail drawings are available upon request.
Additional sizes are available to meet your specific requirements.
Contact your local QUAZITE® representative for more information.

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

APRIL 2009





Telecommunications Cabinet Pad Selection Guide

Using The Selection Guide

Follow the steps outlined in this guide to select the appropriate pad for your application. For more information or for answers to any questions you might have, call your local QUAZITE® representative. Detailed product drawings can be found in this section and also can be accessed from our website:

www.quazite.com

1 Determine Cabinet to be Installed

QUAZITE® pads are made to accommodate most of the telephone cabinets manufactured today. Please see the Telecommunications Cabinet Pad Cross Reference Guide on pages 70 - 72 to determine which standard QUAZITE® pad works best with the cabinet of your choice. If you do not see your cabinet listed, please contact your local QUAZITE® representative. Throat sizes and insert locations can be designed to meet your requirements.

2 Determine Pad Type

QUAZITE® offers two types of pads to choose from: flat pads and handhole cabinet pads. Determine the type of pad that will best suit your needs.

Flat pads and handhole cabinet pads offer different advantages. Flat pads are light weight and require only a small amount of site preparation. Handhole cabinet pads offer the advantage of providing room to coil extra cable underneath the equipment if needed. The multiple-piece cover serves as an access panel to the cables underneath

To Select the Pad You Need for Your Application:

1 Determine Cabinet to be Installed

2 Determine Pad Type

3 Determine Pad Dimensions

4 Determine Performance Requirements

5 Determine Installation Requirements



the cabinet and allows easy addition of more equipment and service connections to the cabinet.

Quazite's engineering staff is available to assist you in determining the proper pad for your application. Throat sizes and insert locations on both pads and handhole cabinet pads can be tailored to meet your requirements.

TELECOMMUNICATIONS
CABINET PADS



Rather than using a traditional flat pad for mounting telephone cabinets, some telecommunications companies are now opting to use a standard QUAZITE® handhole with a modified cover to fit the cabinet footprint. This design provides some distinct advantages over traditional pads. The space underneath the cover provides room to store extra cable. Also, the split in the two-piece cover lies at the edge of the cabinet and acts as an access panel to the cables underneath the cabinet.

Telecom companies with future plans to offer high-speed DSL, CATV or other telecommunications or broadband services in addition to telephone service should find the QUAZITE® handhole cabinet pad attractive. The access panel and additional space make it easy to add the necessary equipment and connections to existing telephone cabinets rather than installing new infrastructure to add services.



Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

APRIL 2009



Telecommunications Cabinet Pad Cross Reference Guide

3M

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|-----------|--|---------------|-------------|
| 4065 | 6" x 12 1/4" | PL60420925500 | PL6042MB |
| 4082 | 6" x 12 1/4" | PL60420925500 | PL6042MB |
| 4084 | 30" x 6" | PL60420925500 | PL6042MB |
| | | PL60420925B3T | PL6042MC |
| | | PL60420720B3T | PL6042MM |
| | | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4086 | 30" x 6" | PL60420925500 | PL6042MB |
| | | PL60420925B3T | PL6042MC |
| | | PL60420720B3T | PL6042MM |
| | | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4220 D | | PL60420720B3T | PL6042MM |
| 4220 DD | | PL60420720B3T | PL6042MM |
| 4220 E | 38 3/8" x 13" | PL60420720B3T | PL6042MM |
| 4220 EE | 38 3/8" x 13" | PL60420720B3T | PL6042MM |
| 4220 F | 59 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4220 G | 59 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4220 K | 59 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4220 KF | 59 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4220 ER | 38 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4220 FR | 59 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4220 ER-A | 38 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4220 FR-A | 59 3/8" x 13" | PL72640935B4T | PL6472AA |
| 4365 | 6" x 12 1/4" | PL60420925500 | PL6042MB |
| 4382 | 6" x 12 1/4" | PL60420925500 | PL6042MB |
| 4384 | 30" x 6" | PL60420925500 | PL6042MB |
| | | PL60420925B3T | PL6042MC |
| | | PL60420720B3T | PL6042MM |
| | | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4386 | 30" x 6" | PL60420925500 | PL6042MB |
| | | PL60420925B3T | PL6042MC |
| | | PL60420720B3T | PL6042MM |
| | | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4918 | 51 3/4" x 17", 46 3/4" x 21 5/16", CLX 44 13/16" | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4927 | 51 3/4" x 17", 46 3/4" x 21 5/16", CLX 44 13/16" | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4954 | 51 3/4" x 17", 46 3/4" x 21 5/16", CLX 44 13/16" | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4981 | 51 3/4" x 17", 46 3/4" x 21 5/16", CLX 44 13/16" | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |
| 4900P | 51 3/4" x 17", 46 3/4" x 21 5/16", CLX 44 13/16" | PL57600926B4T | PL6057MA |
| | | PL78600926B4T | PL6078MA |

Emerson (Marconi)

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|-------------------------------|------------------|---------------|-------------|
| Cross Connect Cabinets | | | |
| ERLS / ECQF | | | |
| 100 - 900 pr. | 11" x 13 7/16" | PL42420808501 | PL4242RA |
| UltraCab Series | | | |
| Single Access | | | |
| 700 - 2700 pr. | 37 7/8" x 8 1/2" | PL72600635500 | PL6072SK |
| 2700 Low Profile | 37 7/8" x 8 1/2" | PL76840735500 | PL8476RA |
| 2800 - 4000 Long Base | 37 7/8" x 8 1/2" | PL76840735500 | PL8476RA |

To Select the Pad You Need for Your Application:

- 1 Determine Cabinet to be Installed
- 2 **Determine Pad Type**
- 3 Determine Pad Dimensions
- 4 Determine Performance Requirements
- 5 Determine Installation Requirements

Emerson, cont. (Marconi)

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|---|--------------------|---------------|-------------|
| Double Access | | | |
| 1800 - 5400 pr. | 37 7/8" x 8 1/2" | PL72600635500 | PL6072SK |
| 5400 Low Profile | 37 7/8" x 8 1/2" | PL76840735500 | PL8476RA |
| 5500 - 8100 Long Base | 37 7/8" x 8 1/2" | PL76840735500 | PL8476RA |
| UNIVERSAL SERIES | | | |
| Single Access | | | |
| 600 - 2700 pr. | 37 7/8" x 8 1/2" | PL72600635500 | PL6072SK |
| Double Access | | | |
| 1200 - 5400 pr. | 37 7/8" x 8 1/2" | PL72600635500 | PL6072SK |
| UPCQF | | | |
| 200 - 800 pr. | 11" x 13 7/16" | PL42420808501 | PL4242RA |
| RLS / CQF | | | |
| Sing. Acc. 600 - 2700 pr. | 18 1/2" x 43" | PL72600635500 | PL6072SK |
| Dble. Acc. 1200 - 5400 pr. | 18 1/2" x 43" | PL72600635500 | PL6072SK |
| DRLS / DCQF | | | |
| Single Access | | | |
| 100 - 600 pr. | 18 1/2" x 13" | PL72600635500 | PL6072SK |
| 700 - 2700 pr. | 8 1/2" x 37 7/8" | PL72600635500 | PL6072SK |
| 2700 pr. - LP | 8 1/2" x 37 7/8" | PL72600635500 | PL6072SK |
| Double Access | | | |
| 1800 - 5400 pr. | 8 1/2" x 37 7/8" | PL72600635500 | PL6072SK |
| 5400 pr. - LP | 8 1/2" x 37 7/8" | PL72600635500 | PL6072SK |
| UPCBDS SERIES | | | |
| BDS100 | 4" x 12 1/4" | PL42420808501 | PL4242RA |
| BDS200 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| BDS300 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| UPC SERIES | | | |
| BD7 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| Multipurpose Cabinets | | | |
| 1000 | 4" x 12 1/4" | PL42420808501 | PL4242RA |
| 1248 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| 1252S | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| 1278 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| Lift Off Covers | | | |
| 1000LOC | 4" x 12 1/4" | PL42420808501 | PL4242RA |
| 1248LOC | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| Cross Connect Housings | | | |
| 600X | 4" x 12 1/4" | PL42420808501 | PL4242RA |
| 1254 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| 1284 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| 1294 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| Splice Housing Outdoor Terminal (SHOT) | | | |
| 1850 | 15 3/16" x 15 1/4" | PL72600635500 | PL6072SK |
| BD8000 | 15 5/16" x 15 1/4" | PL42420822B3T | PL4242SA |
| Repeater Housing | | | |
| BT1200V | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| SC SERIES | | | |
| SC 6000D | 32" x 13 1/2" | PL72600635500 | PL6072SK |
| SC 8000D | 43" x 16 1/2" | PL72600635500 | PL6072SK |
| SC10000D | 43" x 16 1/2" | PL72600635500 | PL6072SK |

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.



Telecommunications Cabinet Pad Cross Reference Guide

Emerson, cont.

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|---|---------------|---------------|-------------|
| BROADBAND CLOSURES | | | |
| TV1600 | 4" x 12 1/4" | PL42420808501 | PL4242RA |
| TV2400 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| TV2500 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| BROADBAND CABINETS - FIBER NODE (OPFOTV) | | | |
| OPFOTV 7 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| OPFOTV 8 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| OPFOTV 11 | 11" x 12 1/4" | PL42420808501 | PL4242RA |
| FIBER OPTIC CABINETS | | | |
| OPFOBD 7 | 11" x 12 1/4" | PL42420808501 | PL4242RA |

Lucent Technologies

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|---------|-------------------|---------------|-------------|
| 40 A | 13" x 8 1/2" | PL42420808A3T | PL4242WA |
| 40 B | 21 5/8" x 8 1/2" | PL48460817A3T | PL4846YA |
| 40 C | 30 7/8" x 8 1/2" | PL48460827500 | PL4846WA |
| | | PL54480928501 | PL5448WD |
| 40 D | 30 7/8" x 8 1/2" | PL48460827500 | PL4846WA |
| | | PL54480928501 | PL5448WD |
| 40 DD | 30 7/8" x 16 1/8" | PL48460827500 | PL4846WA |
| 40 E | 37 7/8" x 8 1/2" | PL54483408A4T | PL5448WA |
| | | PL54480928501 | PL5448WD |
| | | PL72600832A4T | PL6072EA |
| 40 CE | 37 7/8" x 8 1/2" | PL54483408A4T | PL5448WA |
| | | PL54480928501 | PL5448WD |
| | | PL72600832A4T | PL6072EA |
| 40 EE | 37 7/8" x 8 1/2" | PL54483408A4T | PL5448WA |
| | | PL54480928501 | PL5448WD |
| | | PL72600832A4T | PL6072EA |
| 40 FE | 37 7/8" x 8 1/2" | PL54483408A4T | PL5448WA |
| | | PL54480928501 | PL5448WD |
| | | PL72600832A4T | PL6072EA |
| 40 F | 36 1/2" x 13" | PL54483408A4T | PL5448WA |
| | | PL54480928501 | PL5448WD |
| | | PL72600832A4T | PL6072EA |
| 40 H | 30 7/8" x 8 1/2" | PL48460827500 | PL4846WA |
| | | PL54480928501 | PL5448WD |
| 42 EPI | 37 7/8" x 8 1/2" | PL54483408A4T | PL5448WA |
| | | PL54480928501 | PL5448WD |
| | | PL72600832A4T | PL6072EA |
| 841 A | 13" x 8 1/2" | PL42420808A3T | PL4242WA |
| 841 B | 21 5/8" x 8 1/2" | PL48460817A3T | PL4846YA |
| 841 C | 30 7/8" x 8 1/2" | PL48460827500 | PL4846WA |

Hub (Tyco)

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|----------------------|------------------|---------------|-------------|
| BTS-A | | | |
| Single Faced | | | |
| 200 - 400 pr. | 13" x 8 1/2" | PL42420808A3T | PL4242WA |
| BTS-C & D | | | |
| Single Faced | | | |
| 600 - 1200 pr. | 30 7/8" x 8 1/2" | PL48460827500 | PL4846WA |
| Double Faced | | | |
| 1200 - 2400 pr. | 30 7/8" x 8 1/2" | PL48460827500 | PL4846WA |

To Select the Pad You Need for Your Application:

- 1 Determine Cabinet to be Installed
- 2 **Determine Pad Type**
- 3 Determine Pad Dimensions
- 4 Determine Performance Requirements
- 5 Determine Installation Requirements

Hub, cont. (Tyco)

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|---------------------|------------------|---------------|-------------|
| BTS-E | | | |
| Single Faced | | | |
| 1500 - 3000 pr. | 37 7/8" x 8 1/2" | PL54483408A4T | PL5448WA |
| Double Faced | | | |
| 2700 - 3600 pr. | 37 7/8" x 8 1/2" | PL72600832A4T | PL6072EA |
| BTS-LP | | | |
| Single Faced | | | |
| 200 - 400 pr. | 8 1/2" x 13" | PL54481109B4T | PL5448HA |
| 600 pr. | 37 7/8" x 8 1/2" | PL48460827500 | PL4846WA |
| 900 - 1800 pr. | 37 7/8" x 8 1/2" | PL48460735B3T | PL4846HA |
| | | PL72600735B4T | PL6072HA |
| 2100 - 3000 pr. | 37 7/8" x 8 1/2" | PL76840735B4T | PL8476HA |
| 3300 - 3600 pr. | 37 7/8" x 8 1/2" | PL96840435A4T | PL9684HA |
| Double Faced | | | |
| 1200 - 1600 pr. | 37 7/8" x 8 1/2" | PL54480420A4T | PL5448HA |
| 2700 - 3600 pr. | 37 7/8" x 8 1/2" | PL72600735B4T | PL6072HA |
| 5400 - 9000 pr. | 37 7/8" x 8 1/2" | PL76840735B4T | PL8476HA |
| BNS | | | |
| Single Faced | | | |
| 200 - 1200 pr. | 37 7/8" x 8 1/2" | PL54480420A4T | PL5448HA |
| 1500 - 2700 pr. | 37 7/8" x 8 1/2" | PL64860435A4T | PL6486HA |
| Double Faced | | | |
| 1600 - 2400 pr. | 37 7/8" x 8 1/2" | PL54480420A4T | PL5448HA |
| 2100 - 5400 pr. | 37 7/8" x 8 1/2" | PL96840435A4T | PL9684HA |
| 42 EPI | 37 7/8" x 8 1/2" | PL54483408A4T | PL5448WA |
| | | PL72600832A4T | PL6072EA |

Erpel (EDC)

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|--------------------|-------------------|---------------|-------------|
| DOUBLE DOOR | | | |
| DBL363213 | 27" x 8" | PL42420822B3T | PL4242SA |
| DBL483615 | 31" x 10" | PL48460827A3T | PL4846WX |
| DBL604415 | 39" x 10" | PL48460735B3T | PL4846HA |
| DBL604830 | 43" x 25" | PL54482308B4T | PL5448CA |
| DBL666015 | 55" x 10" | PL72601032A4T | PL6072AA |
| DBL724818 | 43" x 13" | PL54483408A4T | PL5448WA |
| DBL724824 | 43" x 19" | PL54483408A4T | PL5448WA |
| DBL727215 | 67" x 10" | PL76840735B4T | PL8476HA |
| DBL727224 | 67" x 19" | PL76840735B4T | PL8476HA |
| DBL727236 | 67" x 31" | PL76840735B4T | PL8476HA |
| DBL917224 | 67" x 19" | PL76840735B4T | PL8476HA |
| FLUSH DOOR | | | |
| FD503119 | 39" x 13 4/5" | PL42420822B3T | PL4242SA |
| FD553826 | 34 1/2" x 22 1/2" | PL48460827A3T | PL4846WX |
| FD554426 | 40 1/2" x 22 1/2" | PL48460827A3T | PL4846WX |
| FD773826 | 34 1/2" x 22 1/2" | PL48460827A3T | PL4846WX |
| FD774426 | 40 1/2" x 22 1/2" | PL48460827A3T | PL4846WX |
| FD727224 | 68 1/2" x 20 1/2" | PL76840735B4T | PL8476HA |

If your cabinet is not listed here, please contact your local QUAZITE® representative for additional sizes and insert configurations.

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.



Telecommunications Cabinet Pad Cross Reference Guide

Erpel (EDC), cont.

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|---------|--------------|-------------|-------------|
|---------|--------------|-------------|-------------|

FRONT AND REAR DOOR

| | | | |
|-----------|-------------------|---------------|----------|
| FDR363624 | 32 1/2" x 20 1/2" | PL42420822B3T | PL4242SA |
| FDR443624 | 32 1/2" x 20 1/2" | PL42420822B3T | PL4242SA |
| FDR773826 | 34 1/2" x 22 1/2" | PL48460827A3T | PL4846WX |
| FDR774426 | 40 1/2" x 22 1/2" | PL48460827A3T | PL4846WX |

LARGE SINGLE DOOR

| | | | |
|-----------|-------------------|---------------|----------|
| LSD301815 | CL x 12 1/2" | PL42420808A3T | PL4242WA |
| LSD362015 | CL x 12 1/2" | PL42420808A3T | PL4242WA |
| LSD412516 | CL x 12 1/2" | PL42420808A3T | PL4242WA |
| LSD512516 | CL x 12 1/2" | PL42420808A3T | PL4242WA |
| LSD503017 | 26 1/2" x 13 1/2" | PL42420822B3T | PL4242SA |
| LSD503617 | 32 1/2" x 13 1/2" | PL42420822B3T | PL4242SA |
| LSD583017 | 26 1/2" x 13 1/2" | PL42420822B3T | PL4242SA |
| LSD763017 | 26 1/2" x 13 1/2" | PL42420822B3T | PL4242SA |
| LSD723617 | 32 1/2" x 13 1/2" | PL42420822B3T | PL4242SA |
| LSD363624 | 32 1/2" x 16 1/2" | PL42420822B3T | PL4242SA |
| LSD443624 | 32 1/2" x 16 1/2" | PL42420822B3T | PL4242SA |
| LSD553826 | 34 1/2" x 18 1/2" | PL42420822B3T | PL4242SA |
| LSD554426 | 40 1/2" x 18 1/2" | PL42420822B3T | PL4242SA |
| LSD773826 | 34 1/2" x 18 1/2" | PL42420822B3T | PL4242SA |
| LSD774426 | 40 1/2" x 18 1/2" | PL42420822B3T | PL4242SA |

QUAD DOOR

| | | | |
|-----------|---------------|---------------|----------|
| LQD484836 | 43" x 31" | PL48460735B3T | PL4846HA |
| LQD587430 | 69", CL x 25" | PL76840735B4T | PL8476HA |
| LQD605036 | 45" x 31" | PL54482308B4T | PL5448CA |
| LQD605636 | 51" x 31" | PL72601032A4T | PL6072AA |
| LQD727224 | 67", CL x 19" | PL76840735B4T | PL8476HA |
| LQD774826 | 43" x 21" | PL48460735B3T | PL4846HA |

RACK MOUNT

| | | | |
|-----------|-----------|---------------|----------|
| ERM392421 | 15" x 15" | PL42420808A3T | PL4242WA |
| ERM462421 | 15" x 15" | PL42420808A3T | PL4242WA |
| ERM463027 | 21" x 21" | PL42420808A3T | PL4242WA |
| ERM553027 | 21" x 21" | PL42420808A3T | PL4242WA |
| ERM672430 | 15" x 25" | PL42420808A3T | PL4242WA |
| ERM672438 | 15" x 33" | PL42420808A3T | PL4242WA |

TWO DOOR

| | | | |
|-----------|---------------|---------------|----------|
| ETD666016 | 46 1/4" x 12" | PL78600926B4T | PL6078MA |
| ETD727216 | 58 1/4" x 12" | PL78600926B4T | PL6078MA |

COMMUNICATIONS ENCLOSURES

| | | |
|---------|-----------------------------------|----------|
| CE-1000 | 24 1/2" x 27 1/10", PL78600926B4T | PL6078MA |
| | 39" x 35 2/5" | |
| CE-2000 | 53" x 27 1/10", PL76840735B4T | PL8476HA |
| | 67 1/2" x 35 2/5" | |

Multilink

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|---------|--------------|-------------|-------------|
|---------|--------------|-------------|-------------|

| | | | |
|-----------------|--------------------|---------------|----------|
| FNC 2000 | 11 3/4" x 23" | PL42420822501 | PL4242ML |
| FNC 3000 | 23 3/16" x 29 1/8" | PL54482308B4T | PL5448CA |
| FNC 3000 - 5016 | 12 1/8" x 24 3/16" | PL42420822501 | PL4242ML |

To Select the Pad You Need for Your Application:

1 Determine Cabinet to be Installed

2 Determine Pad Type

3 Determine Pad Dimensions

4 Determine Performance Requirements

5 Determine Installation Requirements

Flextronics Enclosure Systems (Chatham Technologies)

| Cabinet | Bolt Pattern | New Pad No. | Old Pad No. |
|---------|--------------|-------------|-------------|
|---------|--------------|-------------|-------------|

RACK MOUNT

| | | | |
|----------|-----------|---------------|----------|
| RM392420 | 15" x 15" | PL42420808A3T | PL4242WA |
| RM462420 | 15" x 15" | PL42420808A3T | PL4242WA |
| RM672430 | 21" x 21" | PL42420808A3T | PL4242WA |
| RM672438 | 21" x 21" | PL42420808A3T | PL4242WA |
| RM463026 | 15" x 25" | PL42420808A3T | PL4242WA |
| RM553026 | 15" x 33" | PL42420808A3T | PL4242WA |

UCN

| | | | |
|---------|-----------|---------------|----------|
| UCN 100 | 20" x 25" | PL78600926B4T | PL6078MA |
| UCN 200 | 46" x 25" | PL76840735B4T | PL8476HA |

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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If your cabinet is not listed here, please contact your local QUAZITE® representative for additional sizes and insert configurations.





Telecommunications Cabinet Pad Selection Guide

To Select the Pad You Need for Your Application:

- 1 Determine Type of Cabinet to be Installed
- 2 Determine Pad Type
- 3 Determine Pad Dimensions**
- 4 Determine Performance Requirements**
- 5 Determine Installation Requirements

3 Determine Pad Dimensions

To ensure telephone cabinets will properly mount to the pad, the cabinet footprint must match the pad dimensions and insert locations. The pad also must have a throat opening that provides adequate space for cable and/or conduit to come through.

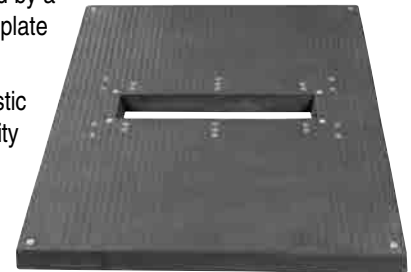
How much work space you need around the cabinet also will affect the dimensions of the pad. Determine how far the pad should extend beyond the cabinet to allow for adequate work space and cabinet entry and select the pad accordingly.

The Telecommunications Cabinet Pad Cross Reference Guide in this section lists the appropriate QUAZITE® pads for the most common cabinets manufactured today. If you need assistance determining which pad has the appropriate throat size and insert locations to work with your cabinet, please contact your local QUAZITE® representative.

4 Determine Performance Requirements

QUAZITE® pads are constructed of strong polymer concrete and reinforced with a heavy-weave fiberglass mat. Unlike fiberglass or plastic pads, QUAZITE®'s strength assures that the pad will support the weight of the equipment mounted to it without bending or cracking. QUAZITE® pads have been tested for structural integrity by applying a 1,000 lb. load to the surface distributed by a 5" x 7" steel plate. Each corner was tested separately by applying a 1,500 lb. load over the same plate positioned one inch from the edge. No damage occurred and deflection was less than 0.15".

QUAZITE® polymer concrete pads also resist UV rays, chemicals, and water absorption. Plastic and fiberglass pads can become brittle and eventually crack when exposed to the weather. The durability that QUAZITE® provides means lower maintenance and life cycle costs.



Pad Performance

| Performance Criteria | QUAZITE® | | | |
|---|-------------------------------|-----------------------|-------------------------------|---------------------------------|
| | Precast Polymer Concrete Pads | Precast Concrete Pads | Poured-in-Place Concrete Pads | Thermoplastic / Fiberglass Pads |
| Stable under loading during high temperatures (won't flex or warp) | X | X | X | |
| Stable under loading during cold temperatures (won't crack) | X | | | X |
| Not susceptible to damage caused by freeze/thaw cycles | X | | | X |
| Resistant to corrosion caused by weathering, road chemicals, and equipment lubricants | X | | | X |
| Provides long-term durability (fatigue or creep resistant) | X | X | X | |
| Withstands impacts and other damage caused by lawn equipment | X | X | X | |



Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Telecommunications Cabinet Pad Selection Guide

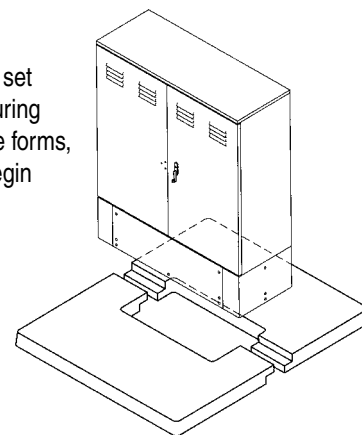
To Select the Pad You Need for Your Application:

- 1 Determine Type of Cabinet to be Installed
- 2 Determine Pad Type
- 3 Determine Pad Dimensions
- 4 Determine Performance Requirements
- 5 Determine Installation Requirements**

5 Determine Installation Requirements

Installing QUAZITE® pads is easy and cost effective because it requires no special equipment to set the pad. A backhoe is all that is necessary to lift the pad into place. QUAZITE® pads also save time during installation. Unlike poured-in-place pads that can take hours or days to form, pour, set and remove the forms, QUAZITE® pads can be installed in a matter of minutes and installation of electrical equipment can begin immediately after the pad is set.

The optional SPLIT-PAD® design makes retrofit installations easy and eliminates the need to disconnect service during installation. Simply break away the old concrete or other material underneath the equipment cabinet and slip the SPLIT-PAD® underneath. Complete the installation by bolting the two-piece pad together at the throat. For more detailed instructions on how to install the SPLIT-PAD® and other QUAZITE® pads, see page 98.



SPLIT-PAD®

Pad Installation

| Installation Criteria | QUAZITE® | | | |
|---|-------------------------------|-----------------------|-------------------------------|---------------------------------|
| | Precast Polymer Concrete Pads | Precast Concrete Pads | Poured-in-Place Concrete Pads | Thermoplastic / Fiberglass Pads |
| Easily installed in areas with limited accessibility | X | | | X |
| Minimal planning and scheduling of crews required for installation | X | | | X |
| No special equipment (such as a boom truck or crane) needed for installation | X | | | X |
| Easily installed by no more than two crew members (light weight) | X | | | X |
| Equipment and pad can be easily installed in the same day | X | X | | X |
| Available as a two-piece pad so that service does not have to be disconnected when retrofitting | X | | | X |
| Flat surface allows cabinet to fit flush with the pad | X | | | |

Pad Numbering System

| Weight | Style | Size | Throat Size | Item | Depth | Surface |
|---|---|-------------|-------------|---|--|----------------------------------|
| P | L | 4846 | 0817 | A | 3 | T |
| L - Lightweight mix P - Standard mix | B - Box pad H - Electrical equipment pad J - Split electrical equipment pad K - Split telecommunications equipment pad L - Telecommunications equipment pad | 48" x 46" | 8" x 17" | A - 3/8-16 UNC inserts B - 1/2-13 UNC inserts C - 5/8-11 UNC inserts E - 5/8 thru hole F - Struts w/ 3/8" inserts G - Struts w/ 1/2" inserts H - Struts w/ 5/8" inserts | 3" thick (Indicates surface thickness if flat pad; indicates depth if box pad.) | S - Smooth T - Skid resistant |

Dimensions run parallel to each other.

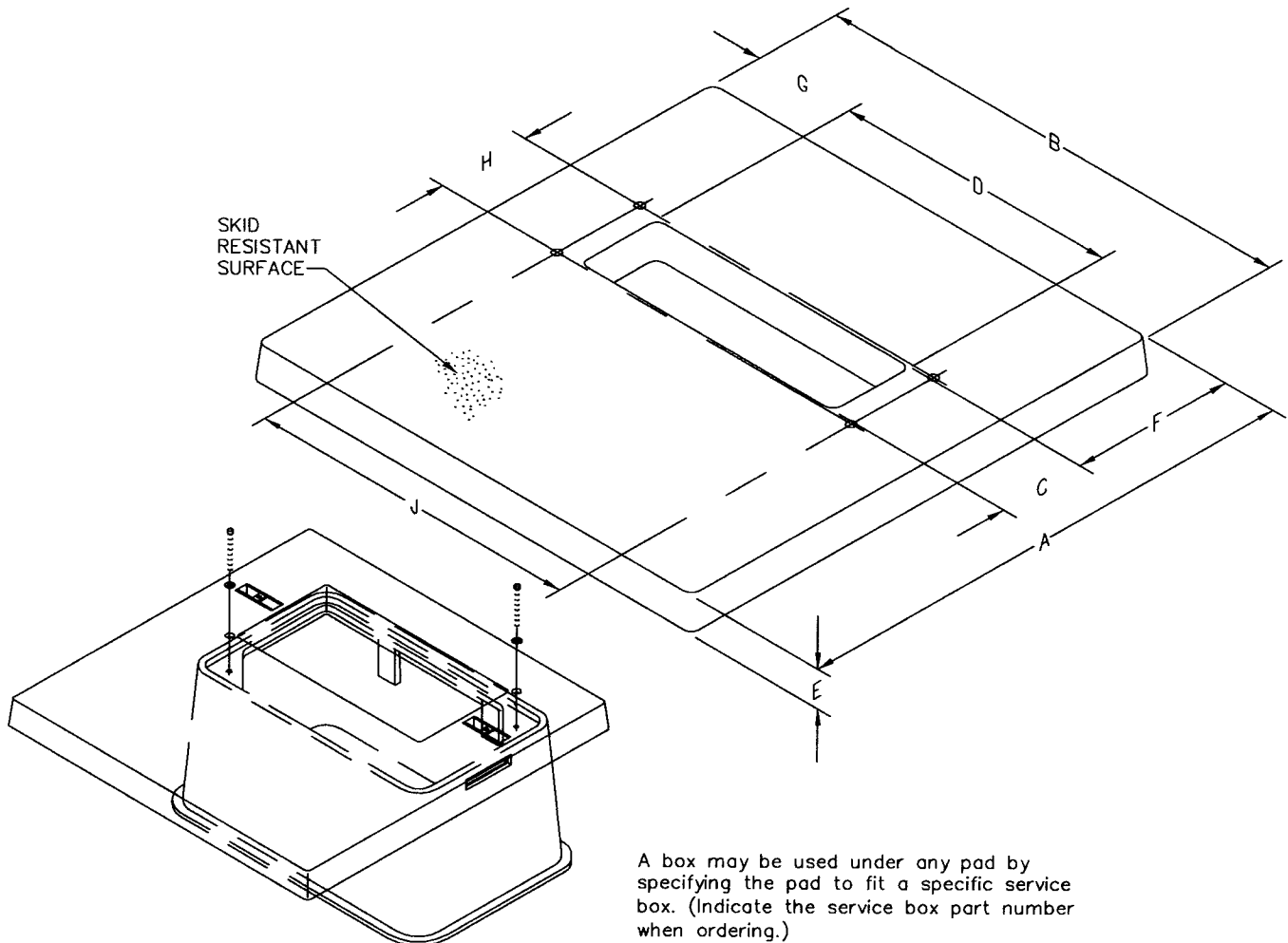
Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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SPECIFICATIONS/DATA

Telecommunications Cabinet Pads



SPECIFICATIONS/DATA

Telecommunications Cabinet Pads

Refer to Telecommunications Cabinet Pad Cross Reference Guide on pages 69- 71.

| NEW PART NO. | OLD PART NO. | WEIGHT # | A | B | C | D | E | F | G | H | J | INSERTS |
|-----------------|-----------------|-------------|----------|----------|----------|-----------|---------|-----------|-----------|-------------------|-----------|-----------------|
| PL42420822500 | PL4242ML | 136 | 41 7/16" | 41 7/16" | 8 9/16" | 22 1/16" | 3 1/4" | 16 7/16" | 9 11/16" | 11 3/4" | 23" | (12) 1/2-13 UNC |
| | | | | | | | | | | 18 5/8" | 27 13/16" | |
| | | | | | | | | | | 29 1/8" | 23 3/16" | |
| PL48460817A3T | PL4846YA | 139 | 47 1/2" | 45 1/2" | 8 9/16" | 17 13/16" | 3 1/4" | 14 11/16" | 13 13/16" | 8 1/2" | 21 5/8" | (4) 3/8-16 UNC |
| PL48460827500 | PL4846WA | 172 | 47" | 45" | 8 9/16" | 27 1/16" | 3 1/4" | 14 1/2" | 10" | 8 1/2" | 30 7/8" | (6) 3/8-16 UNC |
| | | | | | | | | | | See sales drawing | | |
| PL54483408A4T | PL5448WA | 213 | 47 1/4" | 53 1/4" | 8 3/4" | 34 1/8" | 4" | 14 3/8" | 9 9/16" | C-LINE | 13" | (14) 3/8-16 UNC |
| | | | | | | | | | | 36 1/2" | 13" | |
| | | | | | | | | | | 37 7/8" | 8 1/2" | |
| | | | | | | | | | | 37 7/8" | 17 3/8" | |
| PL60420720B3T | PL6042MM | 240 | 60" | 42" | 7 9/16" | 20 9/16" | 3 1/4" | 26 3/16" | 10 3/4" | 10" | 16" | (12) 1/2-13 UNC |
| | | | | | | | | | | 13" | 24" | |
| | | | | | | | | | | 13" | 38 1/2" | |
| PL60420925500 | PL6042MB | 192 | 57 1/2" | 39 1/2" | 9 1/8" | 25 5/8" | 3 5/16" | 24 3/16" | 6 15/16" | 6" | 30" | (16) 3/8-16 UNC |
| | | | | | | | | | | 10" | 30 3/4" | |
| | | | | | | | | | | 12 1/4" | 6" | |
| | | | | | | | | | | See sales drawing | | |
| PL60420925B3T | PL6042MC | 189 | 57 7/16" | 39 7/16" | 9 5/16" | 25 15/16" | 3 1/4" | 24 1/16" | 6 3/4" | 6" | 30" | (8) 1/2-13 UNC |
| | | | | | | | | | | 10" | 30 3/4" | |
| PL57600926B4T | PL6057MA | 362 | 57 1/16" | 60 1/16" | 9 11/16" | 26 3/16" | 4" | 2 3/16" | 16 15/16" | 30" | 6" | (4) 1/2-13 UNC |
| | | | | | | | | | | 30 3/4" | 10" | (2) 1/2-13 UNC |
| | | | | | | | | | | 46 3/4" | 21 5/16" | |
| | | | | | | | | | | 51 3/4" | 17" | (4) 1/2-13 UNC |
| | | | | | | | | | | 52" | 10" | |
| PL72640935B4T | PL6472AA | 473 | 72" | 64" | 9 11/16" | 35 11/16" | 4" | 31 1/8" | 14 1/8" | 13" | 59 3/8" | (4) 1/2-13 UNC |
| | | | | | | | | | | 21 1/2" | 41 1/2" | |
| | | | | | | | | | | 25 1/4" | 34 1/2" | |
| | | | | | | | | | | 30 3/4" | 46 3/4" | (2) 1/2-13 UNC |
| | | | | | | | | | | 35 5/16" | 51 3/4" | |
| | | | | | | | | | | 19 11/16" | C-LINE | (1) 1/2-13 UNC |
| PL76840735B4T | PL8476HA | 616 | 76" | 84" | 7 3/4" | 35 7/8" | 4" | 34 1/4" | 24 1/16" | 33 3/4" | 10" | (16) 1/2-13 UNC |
| | | | | | | | | | | 37 7/8" | 6" | |
| | | | | | | | | | | 37 7/8" | 11" | |
| | | | | | | | | | | 59 3/8" | 13" | |

Note: Individual detail drawings are available upon request.
Additional sizes are available to meet your specific requirements.
Contact your local QUAZITE® representative for more information.

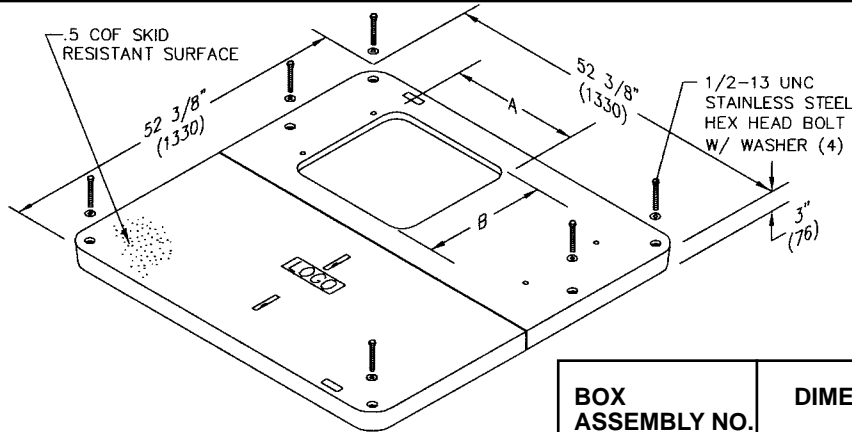
Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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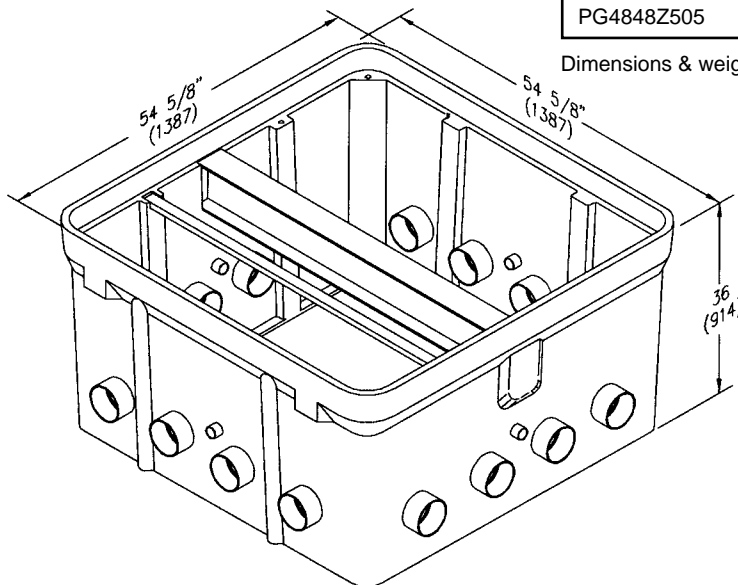
SPECIFICATIONS/DATA

Cell Site Enclosure



| BOX ASSEMBLY NO. | DIMENSION A | DIMENSION B | Hub Cabinet |
|------------------|--------------|------------------|-------------|
| PG4848Z511 | 19" (483 mm) | 18 1/8" (460 mm) | CSC |
| PG4848Z505 | 10" (254 mm) | 18 1/4" (464 mm) | CFL |

Dimensions & weights in parentheses are metric equivalent.



QUAZITE® cell site enclosures allow cellular providers easy access to their cable lines and provide plenty of room for the addition of new lines. Sixteen 4" terminators enable providers to easily add new feeder cables to existing sites. The terminators also reduce the risk of disturbing existing service when adding new cables because installers can clearly see where other cables are entering the box.

QUAZITE® cell site enclosures also make equipment changes and upgrades easy and cost effective. Poured-in-place pads must be completely replaced if changes and upgrades became necessary, but QUIAZITE® cell site enclosures feature replaceable covers and an open area inside the enclosure. As a result, new cable lines can easily be added without replacing the pad. Also, providers only need to replace the covers if cabinets with new bolt patterns are installed.

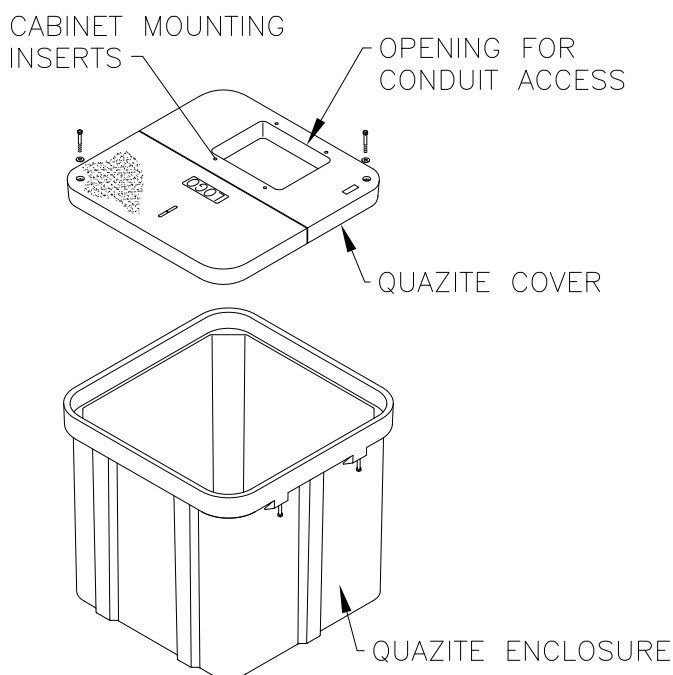


Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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SPECIFICATIONS/DATA

Cabinet Enclosures



| Cabinet Manufacturer & Model Number | Assembly Size |
|--|--|
| ACE 214 | 48 X 48 X 36 |
| ACE 92, 100, & 200 | 36 X 60 X 36 |
| ADC 576 | 48 X 48 X 36 |
| ADC FAT | 24 X 36 X 42 |
| ADC Gen 2 | 36 X 60 X 36 & 48 X 48 X 36 |
| ADC Gen 3 & 3E FDH 144, 216, 288, & 432 | 36 X 36 X 36 & 48 X 48 X 36 |
| ADC Medium 216/432 | 36 X 36 X 36 |
| ADC Small 144 | 36 X 36 X 36 |
| ADC Splitter FDH1G-144/216 | 36 X 60 X 36 |
| AFL FDH 100 (FD000094 MTG. SKIRT) | 30 X 48 X 24, 36 X 60 X 24, 36 X 60 X 36, & 48 X 48 X 36 |
| APA 576/816 | 36 X 72 X 36 |
| Charles BD03 | 24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48 |
| Charles BD04 | 24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48 |
| Charles BD05 | 24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48 |
| Charles BD07 | 24 X 24 X 24, 24 X 36 X 30, 30 X 48 X 36, 36 X 60 X 36, & 48 X 72 X 48 |
| Corning 144/216 | 36 X 60 X 36 |
| Corning 216 or LCA 288 | 36 X 36 X 36 |
| Corning Gen 3 | 36 X 72 X 36 |
| Corning Gen 3 & 3E FDH 144, 216, 288, & 432 | 36 X 36 X 36 & 48 X 48 X 36 |
| Corning LCA-432 | 36 X 60 X 36 |
| Corning Nex Gen LCA-432 | 36 X 36 X 36 |
| Emerson/Marconi UPCBD7 | 30 X 48 X 36, & 48 X 72 X 48 |
| Emerson Sole | 30 X 48 X 36 |
| Emerson Span | 48 X 48 X 48 |
| Hub CSC | 48 X 72 X 48 |
| OFS Orbital 288 FTTX | 36 X 36 X 36 |

Information shown in catalog is a partial listing. If cabinet model number, throat size, or mounting insert locations desired are not listed, contact Quazite field sales office.



Traffic Signal Cabinet Base Selection Guide

To Select the Traffic Signal Cabinet Base You Need for Your Application:

- 1 Determine Type of Cabinet**
- 2 Determine Work Pad Requirements**
- 3 Determine Performance Requirements
- 4 Determine Installation Requirements

Using This Selection Guide

Follow the steps outlined in this guide to select the appropriate traffic signal cabinet base for your application. For more information or for answers to any questions you might have, call your local QUAZITE® representative. Detailed product drawings are included in this section and also can be accessed from our website:

www.quazite.com

1 Determine Type of Cabinet

QUAZITE® offers a variety of traffic signal cabinet bases that work with every NEMA and 170E cabinet manufactured today.

The footprint of the cabinet will determine which base to install. Please see the Traffic Signal Cabinet Base Cross Reference Guide on pages 80 - 81 to choose the proper base for your application. If your cabinet is not listed, please feel free to contact your local QUAZITE® representative. Throat sizes and insert locations can be tailored to meet your requirements.

2 Determine Work Pad Requirements

Quazite offers work pads to accompany all of the traffic signal cabinet bases. If the cabinet is to be installed on a surface other than a sidewalk, a work pad may be necessary to provide stable, dry footing.

An alternative option to using a flat work pad in front of the traffic signal cabinet base is to use an enclosure instead. An enclosure serves as a splice box and the work pad also provides a skid resistant walking surface. Quazite offers a wide variety of enclosure sizes and depths to choose from. Your local QUAZITE® representative is available to assist you in selecting the appropriate enclosure and options to suit your application.



Many Departments of Transportation choose QUAZITE® traffic signal cabinet bases when they have projects requiring new and retrofit installations of traffic control cabinets. QUAZITE® traffic signal cabinet bases are less expensive than concrete to install, can be quickly installed by employees, can be relocated and can reduce potential injury and/or liability if struck by a vehicle.

In this particular application, the DOT had previously poured concrete in place at an approximate cost of \$1,000 for each traffic signal foundation. The installation process using concrete could take up to a week or more depending on weather and involved having to schedule around other work crews. The cost of the QUAZITE® base was \$500 (1/2 the cost of the alternative method) and installation time was reduced to one-half day.

TRANSPORTATION INDUSTRY
PRODUCTS



Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Traffic Signal Cabinet Base Cross Reference Guide

To Select the Traffic Signal Cabinet Base You Need for Your Application:

- 1 Determine Type of Cabinet
- 2 Determine Work Pad Requirements
- 3 Determine Performance Requirements
- 4 Determine Installation Requirements

NEMA Cabinets

| Type | Bolt Pattern | New Part. No. | Old Part. No. |
|------|-------------------|---------------|---------------|
| M | CL x 12 | PB24360612B18 | PB2436BA18 |
| P | 40 3/4" x 18 1/2" | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| P-38 | 34 1/2" x 18 1/2" | PB40580616B24 | PB4058BA24 |
| | | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| P-44 | 40 3/4" x 18 1/2" | PB40580616B24 | PB4058BA24 |
| | | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| R | 40 3/4" x 18 1/2" | PB40580616B24 | PB4058BA24 |
| | | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| R-38 | 34 1/2" x 18 1/2" | PB40580616B24 | PB4058BA24 |
| | | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| R-44 | 40 3/4" x 18 1/2" | PB40580616B24 | PB4058BA24 |
| | | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |

170 Controllers

| Type | Bolt Pattern | New Part. No. | Old Part. No. |
|-------------|---------------|---------------|---------------|
| 330 | 17" x 12 1/2" | PB24360612B18 | PB2436BA18 |
| 332 | 25" x 15" | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| 334 | 25" x 15" | PB40580616B24 | PB4058BA24 |
| | | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| | | PB40580616B24 | PB4058BA24 |
| 336 | 15" x 6" | PB25251212B24 | PB2525BA24 |
| 336 (A & S) | 15" x 6" | PB25251212B24 | PB2525BA24 |

Safetran #170

| Type | Bolt Pattern | New Part. No. | Old Part. No. |
|------|--------------|---------------|---------------|
| 334C | 15" x 6" | PB25251212B24 | PB2525BA24 |

Signal Control

| Type | Bolt Pattern | New Part. No. | Old Part. No. |
|---------|--------------|---------------|---------------|
| 336/332 | 15" x 6" | PB25251212B24 | PB2525BA24 |

Southern Cabinets

| Type | Bolt Pattern | New Part. No. | Old Part. No. |
|------|-------------------|---------------|---------------|
| IV | 26 1/2" x 13 1/2" | PB24360612B18 | PB2436BA18 |
| V | 30" x 18" | PB40580616B24 | PB4058BA24 |
| V-44 | 40 3/4" x 18 1/2" | PB40440608B15 | PB4044BA15 |
| | | PB40440608B24 | PB4044BA24 |
| | | PB40580616B24 | PB4058BA24 |
| VI | 30" x 18" | PB40580616B24 | PB4058BA24 |
| 332 | 25" x 15" | PB25251212B24 | PB2525BA24 |
| | 25" x 15" | PB40580616B24 | PB4058BA24 |
| 336S | 15" x 15" | PB25251212B24 | PB2525BA24 |
| 336 | 15" x 15" | PB25251212B24 | PB2525BA24 |

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Flextronics Enclosure Systems (Chatham Technologies)

| Cabinet | Part No. | NEMA/ 170 Ref. | New Part No. | Old Part No. |
|-------------------------|----------|-------------------|-----------------|-----------------|
| Double Door | DD363213 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | DD483615 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | DD604415 | — | PB40580616B24 | PB4058BA24 |
| Front & Rear Door | DD724818 | — | PB40580616B24 | PB4058BA24 |
| | DD604830 | — | PB40580616B24 | PB4058BA24 |
| | FR363624 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | FR773826 | P-38, R-38 | PB40580616B24 | PB4058BA24 |
| Rack Mount | FR774426 | R or P | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | | | PB40580616B24 | PB4058BA24 |
| | RM392420 | 336 | PB25251212B24 | PB2525BA24 |
| | RM462420 | 336 | PB25251212B24 | PB2525BA24 |
| Pedestal | RM672438 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | RM463026 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | RM553026 | — | PB40440608B15 | PB4044BA15 |
| Large Single Door | LS301815 | 2B | PB24360612B18 | PB2436BA18 |
| | LS362015 | 3B | PB24360612B18 | PB2436BA18 |
| | LS412516 | G | PB24360612B18 | PB2436BA18 |
| | LS503017 | M | PB24360612B18 | PB2436BA18 |
| | LS583017 | MSX | PB24360612B18 | PB2436BA18 |
| Quad Door | LS763017 | MX | PB24360612B18 | PB2436BA18 |
| | LS503617 | M36 | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LS723618 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LS363624 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LS443624 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LS553826 | P-38 | PB40580616B24 | PB4058BA24 |
| | LS773826 | R-38 | PB40580616B24 | PB4058BA24 |
| | LS554426 | P-44 | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | | | PB40580616B24 | PB4058BA24 |
| | LS774426 | R-44 | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | | | PB40580616B24 | PB4058BA24 |
| | QD774826 | — | PB40580616B24 | PB4058BA24 |
| | QD484836 | — | PB40580616B24 | PB4058BA24 |
| | QD605036 | — | PB40580616B24 | PB4058BA24 |
| | QD605636 | — | PB40580616B24 | PB4058BA24 |

If your cabinet is not listed here, please contact your local QUAZITE® representative for additional sizes and insert configurations.





Traffic Signal Cabinet Base Cross Reference Guide

Erpel (EDC)

| Cabinet | Part No. | NEMA/ 170 Ref. | New Part No. | Old Part No. |
|-------------------------|-----------|-------------------|-----------------|-----------------|
| Double Door | DBL363213 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | DBL483615 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | DBL604415 | — | PB40580616B24 | PB4058BA24 |
| | DBL724818 | — | PB40580616B24 | PB4058BA24 |
| Flush Door | DBL724824 | — | PB40580616B24 | PB4058BA24 |
| | DD604830 | — | PB40580616B24 | PB4058BA24 |
| | FD503119 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | FD553826 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| Front & Rear Door | FD773826 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | FD554426 | — | PB40580616B24 | PB4058BA24 |
| | FD774426 | — | PB40580616B24 | PB4058BA24 |
| | FDR363624 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| Quad Door | FDR443624 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | FDR773826 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | FDR774426 | — | PB40580616B24 | PB4058BA24 |
| | | | PB40580616B24 | PB4058BA24 |
| Pedestal Enclosure | LQD774826 | — | PB40580616B24 | PB4058BA24 |
| | LQD484836 | — | PB40580616B24 | PB4058BA24 |
| | LQD605036 | — | PB40580616B24 | PB4058BA24 |
| | LQD605636 | — | PB40580616B24 | PB4058BA24 |
| | TPE401608 | — | PB24360612B18 | PB2436BA18 |
| | TPE401615 | — | PB25251212B24 | PB2525BA18 |
| Large Single Door | LSD301815 | 2B | PB24360612B18 | PB2436BA18 |
| | LSD362015 | 3B | PB24360612B18 | PB2436BA18 |
| | LSD412516 | G | PB24360612B18 | PB2436BA18 |
| | LSD512516 | K | PB24360612B18 | PB2436BA18 |
| | LSD503017 | M | PB24360612B18 | PB2436BA18 |
| | LSD583017 | MSX | PB24360612B18 | PB2436BA18 |
| | LSD763017 | MXX | PB24360612B18 | PB2436BA18 |
| | LSD503617 | M36 | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LSD723617 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LSD363624 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LSD443624 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| Rack Mount | LSD553826 | P-38 | PB40580616B24 | PB4058BA24 |
| | LSD773826 | R-38 | PB40580616B24 | PB4058BA24 |
| | LSD554426 | P-44, R-44 | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | LSD774426 | R-44 | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | ERM392421 | 336 | PB25251212B24 | PB2525BA24 |
| | ERM462421 | 336 | PB25251212B24 | PB2525BA24 |
| | ERM463027 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | ERM553027 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | ERM672430 | 332 | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |
| | | 332 | PB40580616B24 | PB4058BA24 |
| | ERM672438 | — | PB40440608B15 | PB4044BA15 |
| | | | PB40440608B24 | PB4044BA24 |

To Select the Traffic Signal Cabinet Base You Need for Your Application:

1 Determine Type of Cabinet

2 Determine Work Pad Requirements

3 Determine Performance Requirements

4 Determine Installation Requirements

TRANSPORTATION INDUSTRY
PRODUCTS

If your cabinet is not listed here, please contact your local QUAZITE® representative for additional sizes and insert configurations.

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Traffic Signal Cabinet Base Selection Guide

To Select the Traffic Signal Cabinet Base You Need for Your Application:

- 1 Determine Type of Cabinet
- 2 Determine Work Pad Requirements
- 3 Determine Performance Requirements**
- 4 Determine Installation Requirements

3 Determine Performance Requirements

QUAZITE® traffic signal cabinet bases are constructed of strong polymer concrete and reinforced with a heavy-weave fiberglass. Unlike concrete bases, polymer concrete bases are frangible and will break away when subjected to severe impact. This feature helps reduce the risk of serious injury or fatalities resulting from these incidents.

QUAZITE® polymer concrete traffic signal cabinet bases also resist UV rays, chemicals and water absorption. Concrete bases are susceptible to damage caused by freeze/thaw cycles. Thermoplastic fiberglass bases can become brittle and eventually crack when exposed to the weather. The durability that QUAZITE® provides means lower maintenance and life cycle costs.

Traffic Signal Cabinet Base Performance

| Performance Criteria | QUAZITE® Precast Polymer Concrete Bases | Precast Concrete Bases | Poured-in-Place Concrete Bases | Thermoplastic / Fiberglass Bases | Aluminum and Steel Bases |
|--|---|---------------------------|-----------------------------------|-------------------------------------|-----------------------------|
| Stable under loading during high temperatures (won't flex or warp) | X | X | X | | X |
| Stable under loading during cold temperatures (won't crack) | X | | | | X |
| Not susceptible to damage caused by freeze/thaw cycles | X | | | X | X |
| Resistant to corrosion caused by weathering, road chemicals and equipment lubricants | X | | | X | |
| Provides long-term durability (fatigue or creep resistant) | X | X | X | | X |
| Frangible base will break away when cabinet is struck by a vehicle | X | | | X | |

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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Traffic Signal Cabinet Base Selection Guide

To Select the Traffic Signal Cabinet Base You Need for Your Application:

- 1 Determine Type of Cabinet
- 2 Determine Work Pad Requirements
- 3 Determine Performance Requirements
- 4 Determine Installation Requirements**

4 Determine Installation Requirements

Installing QUAZITE® traffic signal cabinet bases is easy and cost effective because it requires no special equipment to set the base. A backhoe is all that is necessary to lift the base in place. QUAZITE® traffic signal cabinet bases also save time during installation. Unlike poured-in-place bases that take days to form, pour, set and remove the forms, QUAZITE® traffic signal cabinet bases can be installed quickly, allowing the cabinet and equipment installation to begin immediately after setting the base. For detailed instructions on how to install QUAZITE® traffic signal cabinet bases, see page 99.

Traffic Signal Cabinet Base Installation

| Installation Criteria | QUAZITE® Precast Polymer Concrete Bases | Precast Concrete Bases | Poured-in-Place Concrete Bases | Thermoplastic / Fiberglass Bases | Aluminum and Steel Bases |
|--|---|---------------------------|-----------------------------------|-------------------------------------|-----------------------------|
| Easily installed in areas with limited accessibility | X | | | X | X |
| Minimal planning and scheduling of crews required for installation | X | | | X | X |
| No special equipment (such as a boom truck or crane) needed for installation | X | | | X | X |
| Easily installed by no more than two crew members (light weight) | X | | | X | X |
| Cabinet and base can be easily installed in the same day | X | X | | X | X |

TRANSPORTATION INDUSTRY PRODUCTS

Pad Numbering System

| Weight | Style | Size | Throat Size | Item | Depth | Surface |
|---|---|--------------------------|-------------------------|---|--|--|
| P L - Lightweight mix P - Standard mix | L B - Box pad H - Electrical equipment pad J - Split electrical equipment pad K - Split telecommunications equipment pad L - Telecommunications equipment pad | 4846 48" x 46" | 0817 8" x 17" | A A - 3/8-16 UNC inserts B - 1/2-13 UNC inserts C - 5/8-11 UNC inserts E - 5/8 thru hole F - Struts w/ 3/8" inserts G - Struts w/ 1/2" inserts H - Struts w/ 5/8" inserts | 3 3" thick (Indicates surface thickness if flat pad; indicates depth if box pad.) | T S - Smooth T - Skid resistant |

Dimensions run parallel to each other.

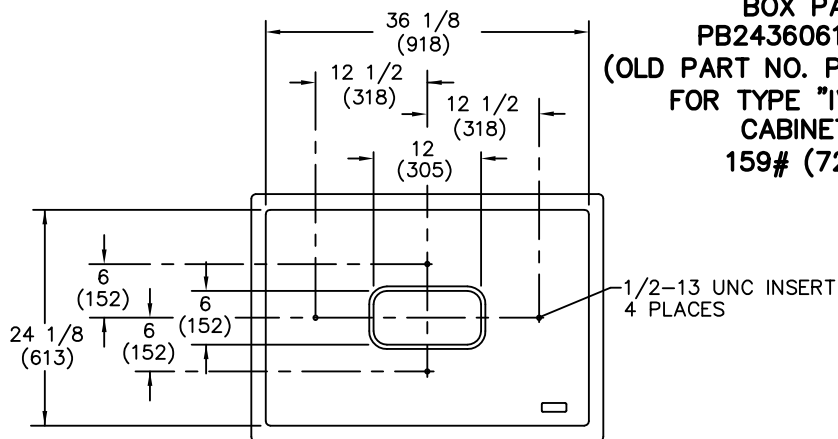


Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

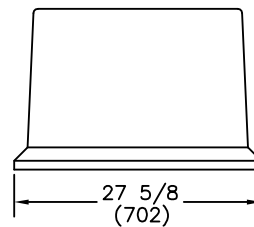
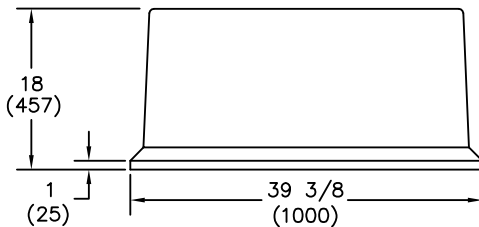
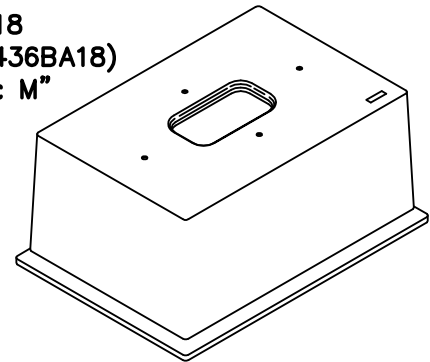
APRIL 2009

SPECIFICATIONS/DATA

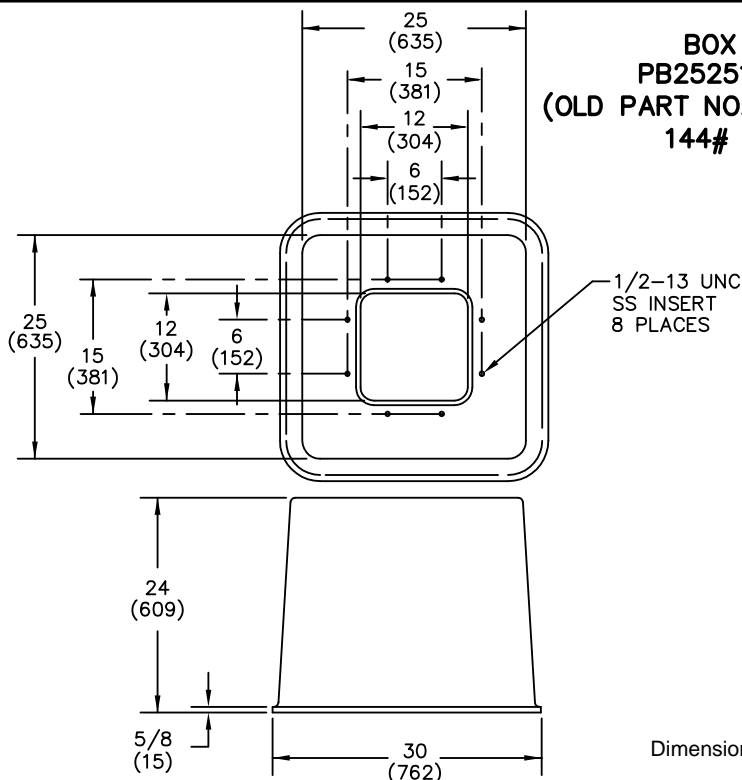
Traffic Signal Cabinet Bases



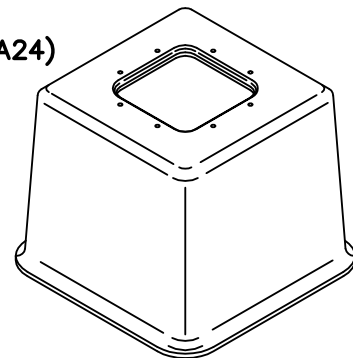
BOX PAD
PB24360612B18
 (OLD PART NO. PB2436BA18)
FOR TYPE "IV & M"
CABINETS
159# (72.1)



TRANSPORTATION INDUSTRY
 PRODUCTS



BOX PAD
PB25251212B24
 (OLD PART NO. PB2525BA24)
144# (66.3)



Dimensions and weights in parentheses are metric equivalent.

Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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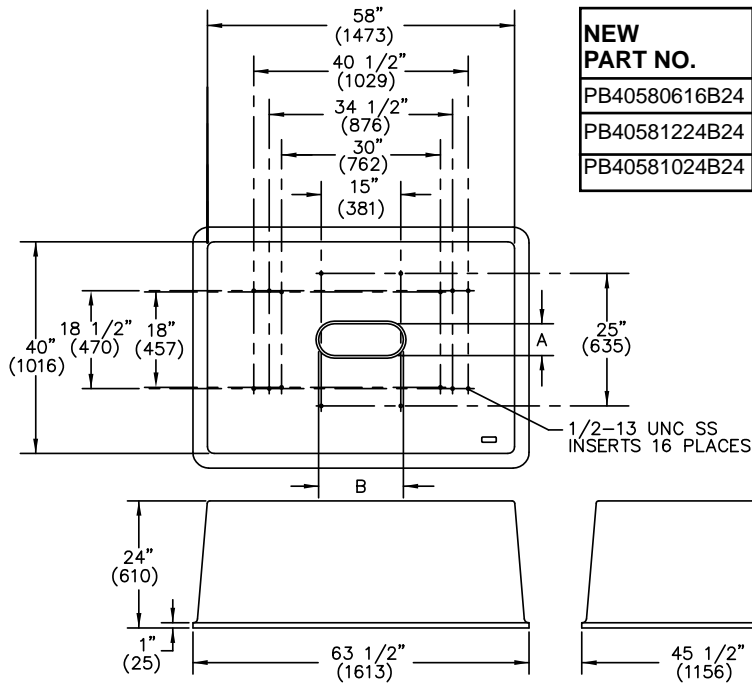
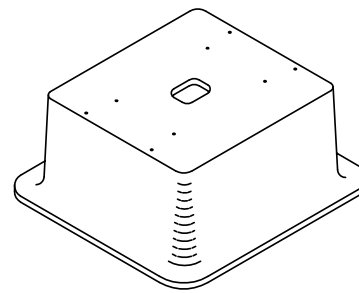
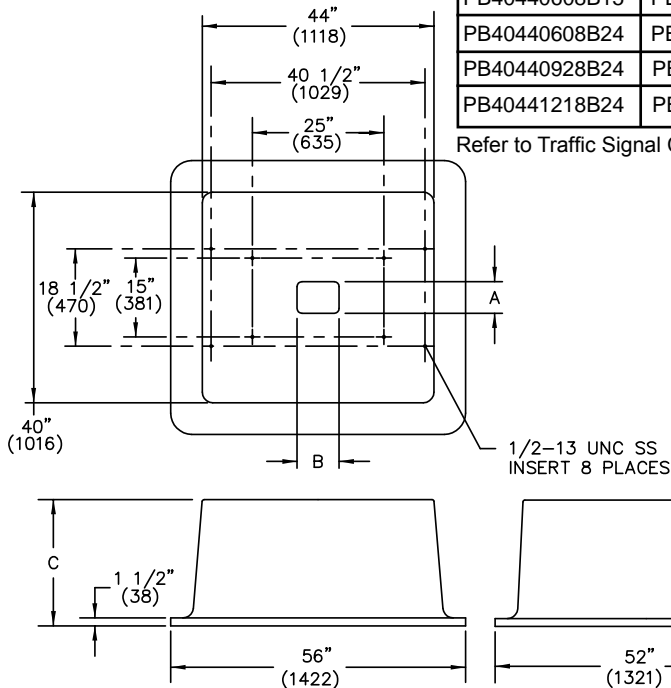


SPECIFICATIONS/DATA

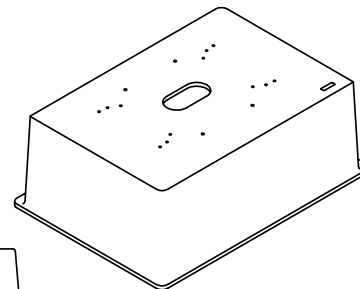
Traffic Signal Cabinet Bases

| NEW PART NO. | OLD PART NO. | WEIGHT # | DIM. A | DIM. B | DIM. C |
|---------------|--------------|----------------|--------------|--------------|--------------|
| PB40440608B15 | PB4044BA15 | 281 (127.0 kg) | 6" (152 mm) | 8" (203 mm) | 15" (381 mm) |
| PB40440608B24 | PB4044BA24 | 378 (171.0 kg) | 6" (152 mm) | 8" (203 mm) | 24" (610 mm) |
| PB40440928B24 | PB4044B503 | 385 (174.6 kg) | 9" (229 mm) | 28" (711 mm) | 24" (610 mm) |
| PB40441218B24 | PB4044B501 | 366 (166 kg) | 12" (305 mm) | 18" (457 mm) | 24" (610 mm) |

Refer to Traffic Signal Cabinet Base Cross Reference Guide on pages 80 - 81.



| NEW PART NO. | OLD PART NO. | WEIGHT # | DIM. A | DIM. B |
|---------------|--------------|----------------|--------------|--------------|
| PB40580616B24 | PB4058BA24 | 450 (204.1 kg) | 6" (152 mm) | 16" (406 mm) |
| PB40581224B24 | PB4058B502 | 435 (197.3 kg) | 12" (305 mm) | 24" (610 mm) |
| PB40581024B24 | PB4058B504 | 440 (199.6 kg) | 10" (254 mm) | 24" (610 mm) |



Dimensions and weights in parentheses are metric equivalent.



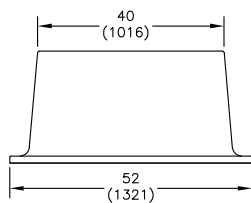
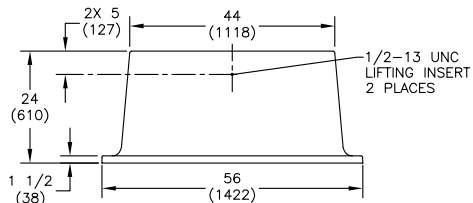
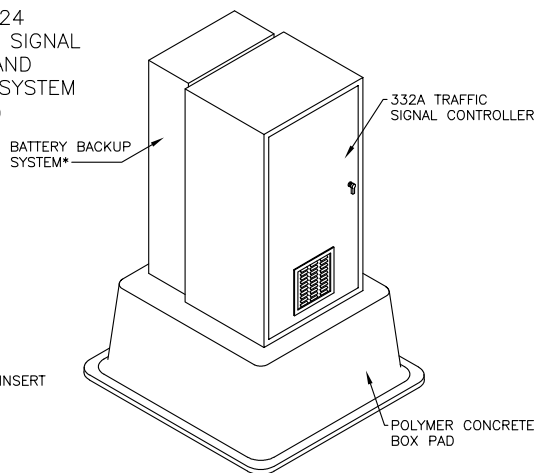
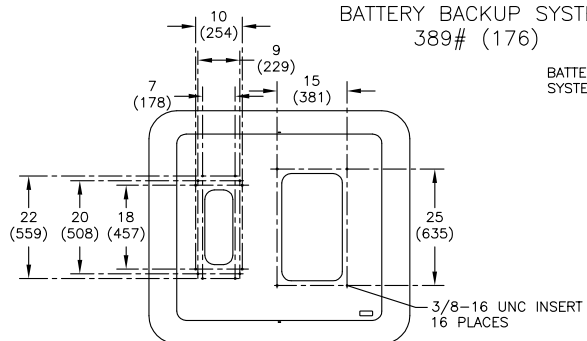
Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

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SPECIFICATIONS/DATA

Combination Traffic Signal/Battery Backup Cabinet Base

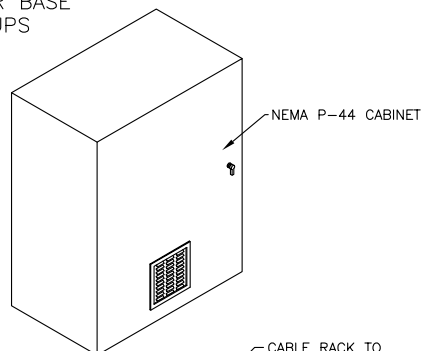
BOX PAD
PB40441323A24
FOR 332A TRAFFIC SIGNAL
CONTROLLER AND
BATTERY BACKUP SYSTEM
389# (176)



| *Battery Backup System |
|--|
| McCain #M34196 |
| Temple #1101-4UPS |
| US Traffic #BC280-CA-A-K2 |
| Meyers #BC280-CA-A-K2 |
| Safetran Traffic Systems #088397D332-00B |

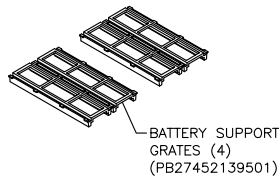
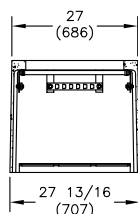
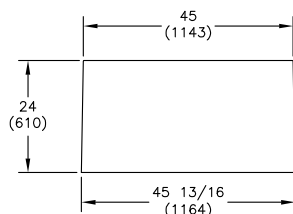
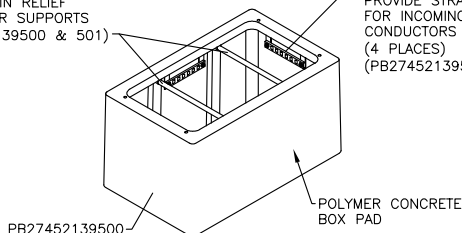
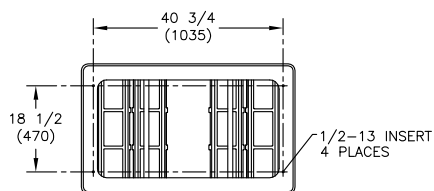
TRAFFIC SIGNAL CONTROLLER BASE
WITH SELF-CONTAINED UPS
BATTERY STORAGE

| BOX PAD PART NUMBER | WEIGHT | ACCESSORIES |
|------------------------|------------|--|
| PB27452139502 | 232# (105) | - CABLE RACK STRAIN RELIEF SUPPORTS FOR CONDUCTORS |
| PB27452139500 | 232# (105) | - CABLE RACK & FULL STRAIN RELIEF SUPPORTS FOR CONDUCTORS |
| PB27452139501 | 244# (111) | - CABLE RACK & FULL STRAIN RELIEF SUPPORTS FOR CONDUCTORS - BATTERY SUPPORT GRATES (4) |



FULL STRAIN RELIEF
CONDUCTOR SUPPORTS
(PB27452139500 & 501)

CABLE RACK TO
PROVIDE STRAIN RELIEF
FOR INCOMING TERMINAL
CONDUCTORS
(4 PLACES)
(PB27452139500, 501, & 502)



Information shown in catalog is a partial listing. If pad or throat size desired is not listed, contact Quazite field sales office.

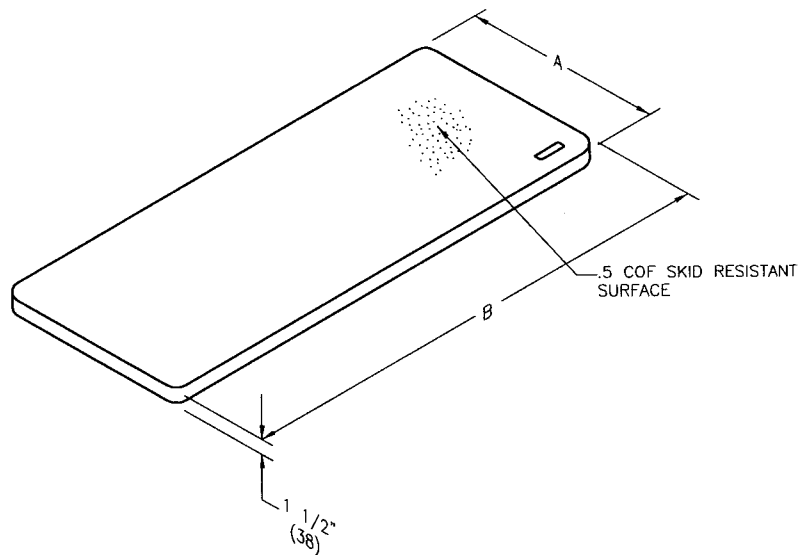
APRIL 2009

SPECIFICATIONS/DATA

Work Pad



Cabinet shown mounted to a Quazite® traffic signal base along with three Quazite® underground enclosures.

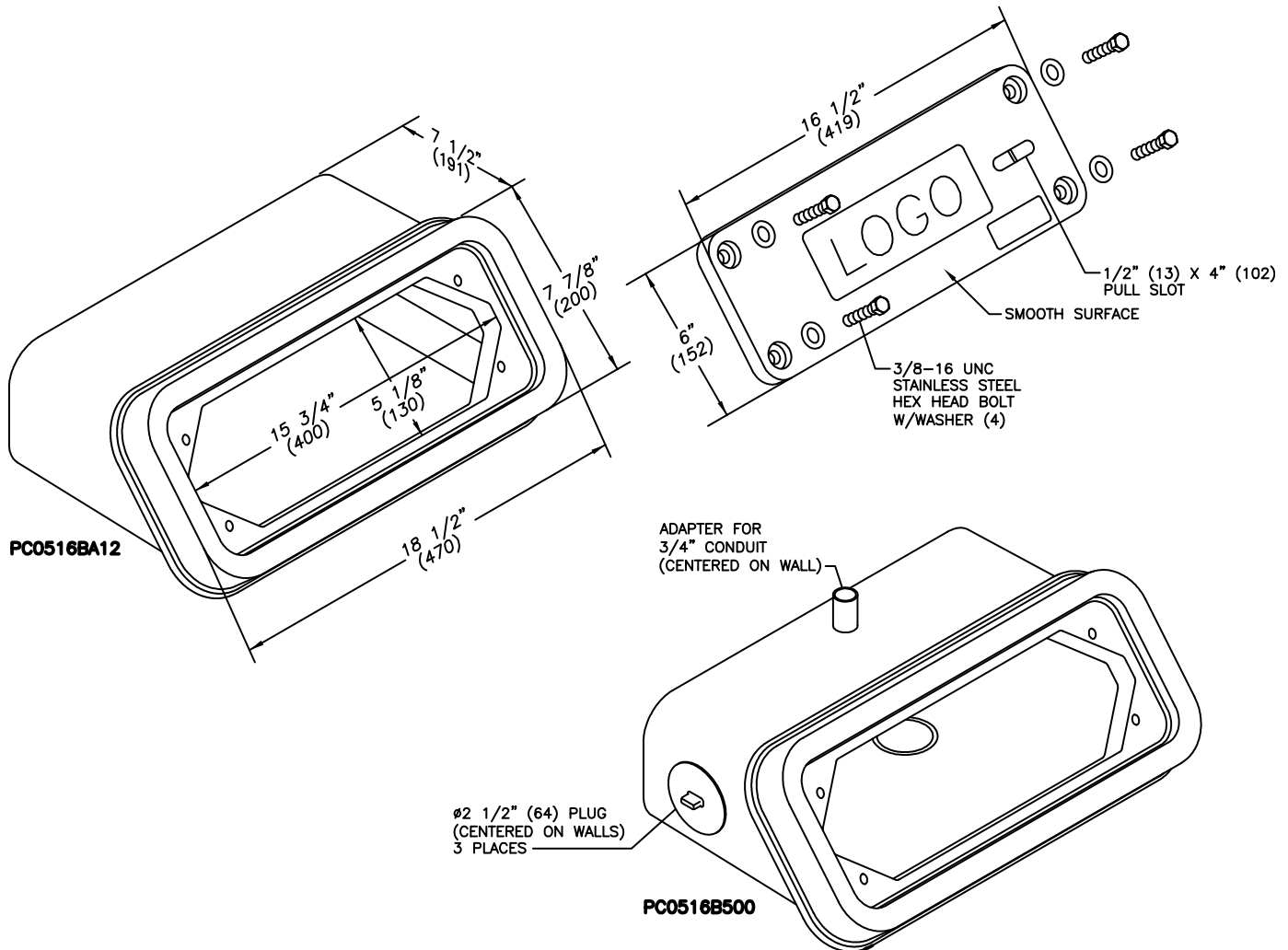


| PART NO. | OLD PART NO. | WEIGHT # | DIMENSION A | DIMENSION B |
|--------------|--------------|---------------|--------------|---------------|
| PH242500002T | PH2425AA | 70 (30.8 kg) | 24" (610 mm) | 25" (635 mm) |
| PH243600002T | PH2436AA | 95 (43.1 kg) | 24" (610 mm) | 36" (914 mm) |
| PH244400002T | PH2444AA | 120 (54.4 kg) | 24" (610 mm) | 44" (1118 mm) |
| PH245800002T | PH2458AA | 160 (72.6 kg) | 24" (610 mm) | 58" (1473 mm) |

Dimensions & weights in parentheses are metric equivalent.

SPECIFICATIONS/DATA

Median Barrier Enclosure



Cover (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------|------------|------------|--------------------|------------|
| W/4 Bolts | PC0516CA00 | 6 (2.7 kg) | 8,000 / 12,000 | 8 |
| W/2 Bolts | PC0516C500 | 6 (2.7 kg) | 8,000 / 12,000 | 8 |

Box

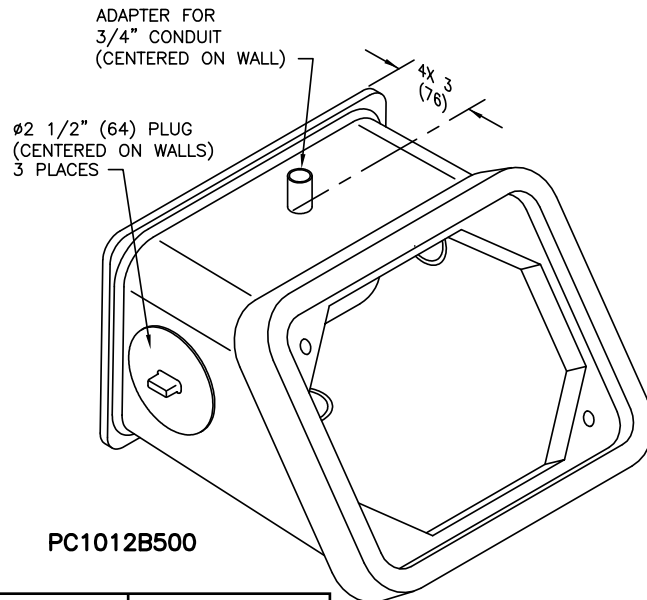
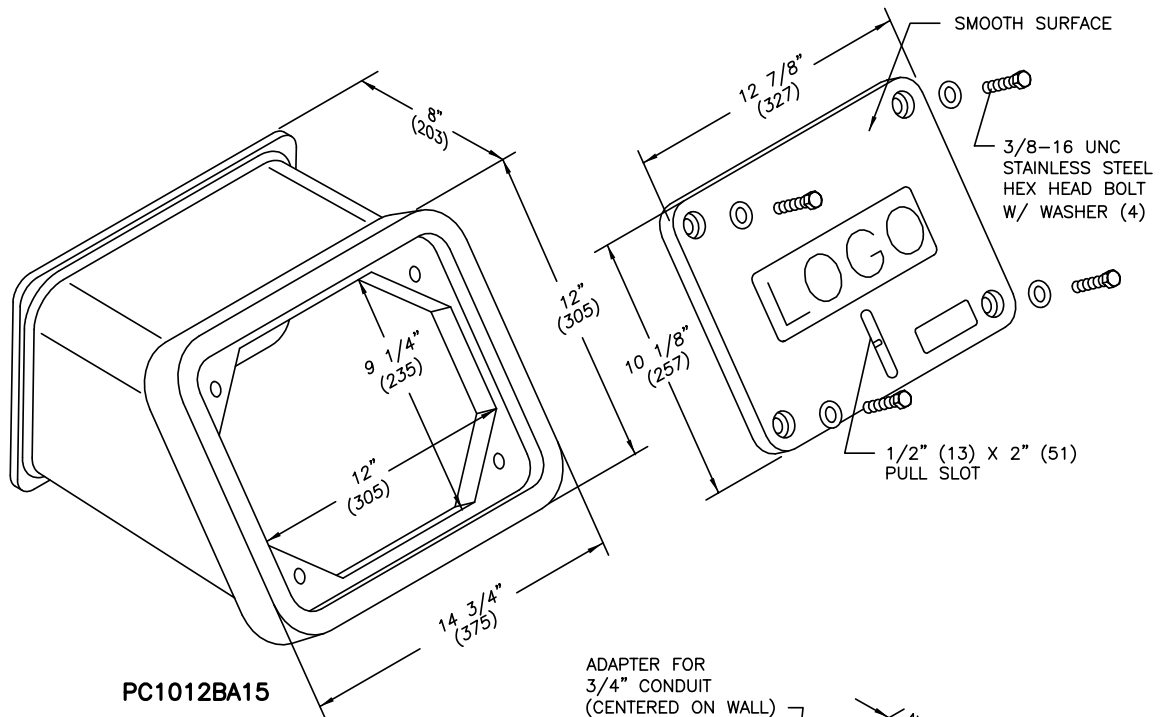
| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|---------------|------------|------------|--------------------|------------|
| Closed Bottom | PC0516BA12 | 25 (11 kg) | 15,000 / 22,500 | 15 |
| Closed Bottom | PC0516B500 | 25 (11 kg) | 15,000 / 22,500 | 15 |

Dimensions and weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).

SPECIFICATIONS/DATA

Jersey Style Median Barrier Enclosure



Cover (Blank unless logo is specified)

| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|-------------|------------|------------|--------------------|------------|
| W/4 Bolts | PC1012CA00 | 8 (3.6 kg) | 8,000 / 12,000 | 8 |
| W/2 Bolts | PC1012C500 | 8 (3.6 kg) | 8,000 / 12,000 | 8 |

Box

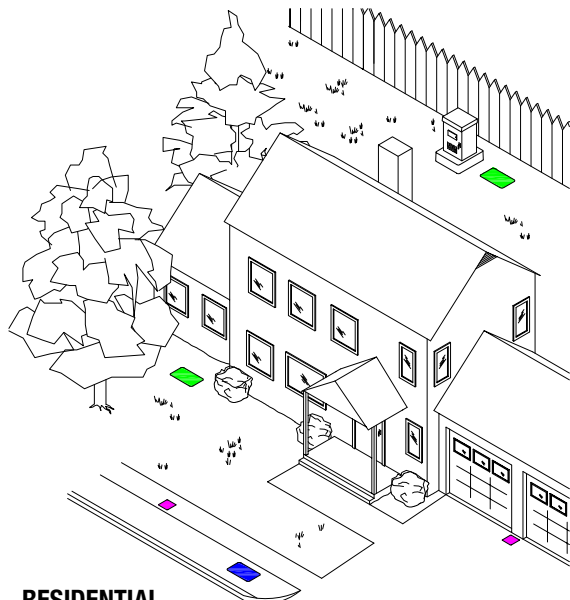
| DESCRIPTION | PART NO. | WEIGHT # | DESIGN/TEST LOAD # | ANSI TIER* |
|--------------|------------|--------------|--------------------|------------|
| Solid Bottom | PC1012BA15 | 23 (10.4 kg) | 15,000 / 22,500 | 15 |
| Solid Bottom | PC1012B500 | 23 (10.4 kg) | 15,000 / 22,500 | 15 |

Dimensions and weights in parentheses are metric equivalent.

* Loadings comply with ANSI/SCTE 77 (see page 9).



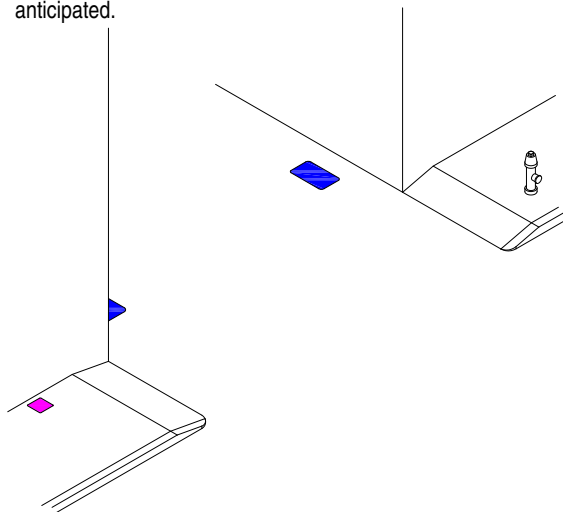
“ANSI TIER” SELECTION AND PLACEMENT IN NON-DELIBERATE VEHICULAR TRAFFIC APPLICATIONS



RESIDENTIAL

(NON-DELIBERATE TRAFFIC)

Enclosures can be placed in grassy areas or sidewalks. They may also be placed in areas next to the structures or poles where it is unlikely a vehicle will run over the enclosure. Enclosures should not be placed in the street or driveway where deliberate traffic is anticipated.



DUAL LANE ALLEY

(NON-DELIBERATE TRAFFIC)

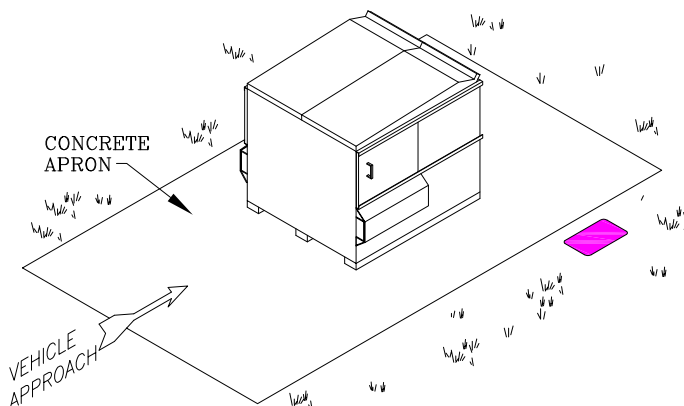
In a single lane alleyway (at right), the enclosure should be placed in the center of the alleyway. The placement minimizes the possibility of the enclosure being run over. In a dual lane alleyway, the enclosure should be placed as close to the building as possible. Most of the time, two vehicles will not be in the alleyway at the same time, so the chances of the enclosure getting run over will be minimal. Knowledge of the location and expected traffic patterns should be used to determine if traffic would be deliberate or non-deliberate as defined previously.

The enclosures shown in these sketches have been color coded to indicate the proper Tier level required for the application.

Green = Pedestrian/Tier 5

Magenta = Tier 8

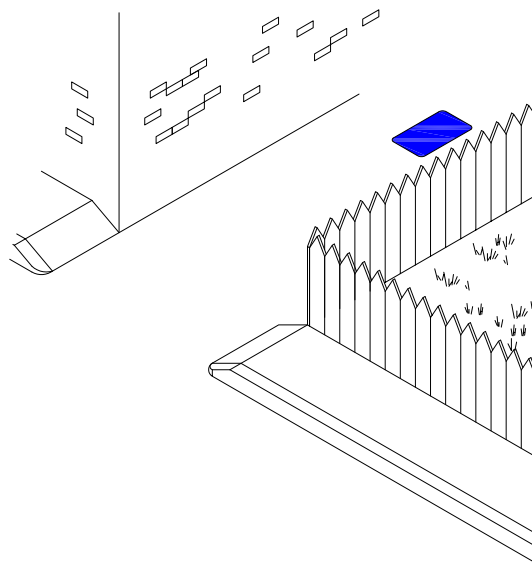
Blue = Tier 15 or 22



TRASH RECEPTACLE APPLICATION

(NON-DELIBERATE TRAFFIC)

In an area where a trash receptacle is placed, the enclosure should be placed away from the concrete that the receptacle is set on so that the receptacle will not be placed on the enclosure or the wheels of the truck will not roll over the enclosure. Even though the traffic expected on the concrete apron or in front of the receptacle is occasional, it is deliberate because the traffic is both intentional and heavy in nature.



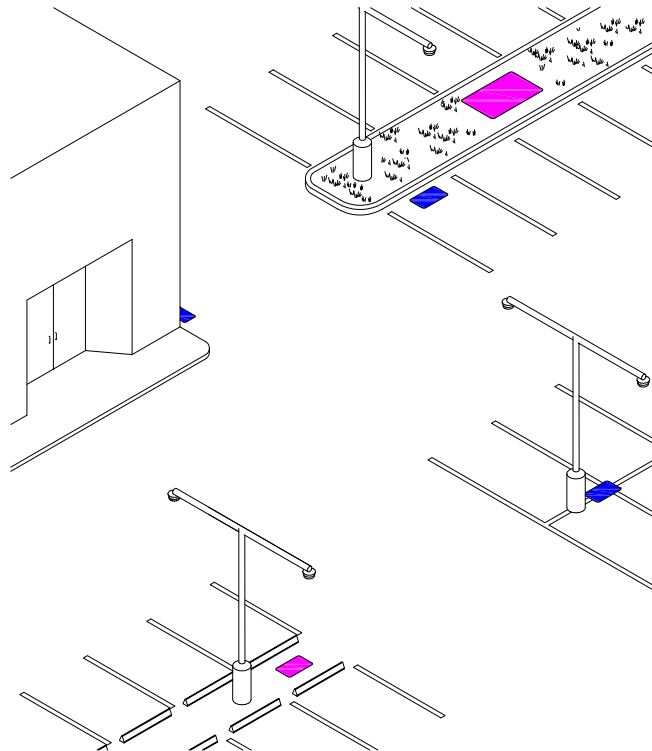
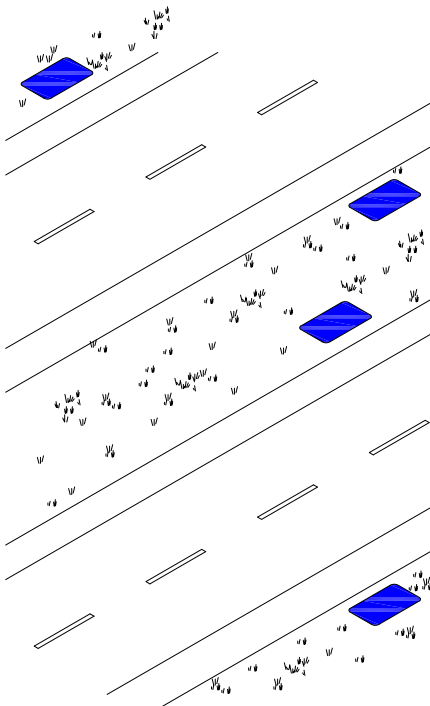
“ANSI TIER” SELECTION AND PLACEMENT IN NON-DELIBERATE VEHICULAR TRAFFIC APPLICATIONS

PARKING LOTS

(NON-DELIBERATE TRAFFIC)

Enclosure applications:

- In the front center of a parking space with the enclosure placed so that the tires of the vehicle will straddle the enclosure.
- In the grassy area where the parking lot ends.
- Placed along side and close to the lighting pole.
- Placed between the parking curbs where the possibility of running over the enclosure is remote. This enclosure could be placed anywhere between the parking curbs.
- Along the building but not in front of a door or pick up area where vehicular traffic would be expected.

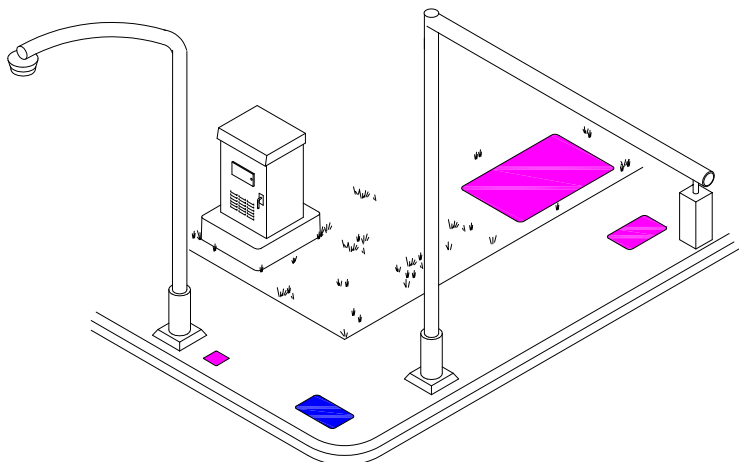


DIVIDED HIGHWAY

(NON-DELIBERATE TRAFFIC)

On a divided highway, the enclosure should be placed in any area that is not paved and where deliberate traffic is not expected. They can be placed in the grassy median or off the shoulder of the highway.

NOTE: The paved shoulder of the highway is normally considered a deliberate traffic location because it may be used as a breakdown lane or may be used as a lane in heavy traffic periods or in times of construction. Therefore, an enclosure should never be placed in the paved shoulder of a road or in the road itself. The enclosure should be placed off the shoulder, in the grassy areas.



SIDEWALK & GRASSY AREA

(NON-DELIBERATE TRAFFIC)

An enclosure can be placed in any grassy area and in most sidewalks. However, an enclosure should not be placed in a sidewalk where a driveway crosses over the sidewalk.

Standard Small Enclosure Installation

Installation Guidelines for Enclosures Sized 17" x 30" and Smaller:

1. Prepare the Excavation

- 1.01 Excavate approximately 6 inches deeper than depth of the enclosure.
- 1.02 Add 6 inches of gravel or crushed rock for drainage.

2. Place Enclosure in Hole

- 2.01 Top of enclosure should be at grade level.

3. Fill and Compact Soil

- 3.01 Fill to grade level with cover in enclosure.

4. Grade Adjustment

- 4.01 If grade level is raised later, a straight sided enclosure can be pulled up and bricked at the bottom on one or four sides to conform to the landscape.



Excavate 6 inches deeper than the depth of the enclosure and add 6 to 8 inches of gravel or crushed rock (1.02).



The top of the enclosure should be level with the grade (2.01).



Make sure the cover is on when filling around the enclosure (3.01).

Hole Cutting Instructions

Methods for Cutting Holes in QUAZITE®

Enclosures:

Masonry Hole Saw

1. Drill a 7/8" pilot hole with a carbide tipped masonry drill.
2. Drill hole using a diamond tipped masonry hole saw.
 - This is the preferred method from engineering.
 - Estimated drilling time is 1 - 1.5 minutes.



Knockout Punch Driver

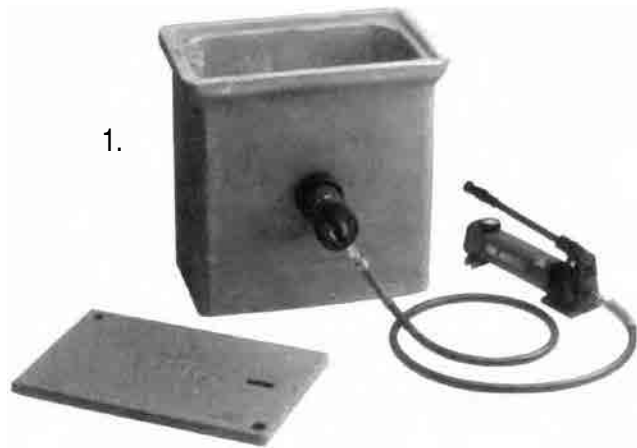
1. Set up the punch

- 1.01 Slide the die over the pull rod.
- 1.02 Insert pull rod into pilot hole.
- 1.03 Thread the punch onto the pull rod.

2. Punch hole and remove

- 2.01 Operate hand pump until the punch penetrates the surface.
- 2.02 Open pump release valve.
- 2.03 Remove the slug.

NOTE: UL Listed enclosures with holes drilled in the field may qualify for UL Listing as long as the holes do not exceed more than 25% of the area of each sidewall and as long as the holes do not cut into a structural reinforcing rib, corner, or box lip. Contact the factory if there is any question.



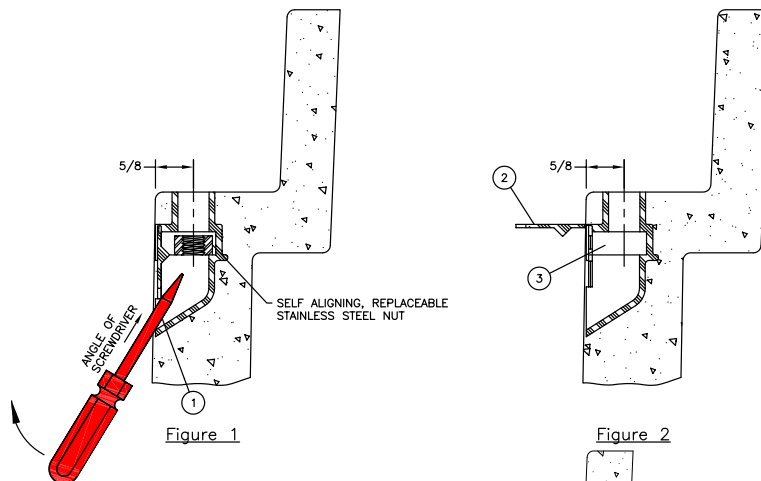
EZ-Nut and Self-Aligning Nut Cleaning & Replacement Instructions

Quazite has redesigned the EZ-Nut assembly (Style "B") to provide a 40% greater drainage opening area and enable quicker and easier nut replacement. This Style "B" design will be included in new production, but existing inventories may have the older Style "A" EZ-Nut assembly. These instructions are provided in the event it is necessary to replace an existing nut.

*To determine which EZ-Nut design is in any box, insert a screwdriver into the drainage opening and pull upward. If the door does not pop open, the Style "A" EZ-Nut is in the box. Follow the instructions for the Style "A" design. If the door pops open, follow the instructions for the Style "B" EZ-Nut design.

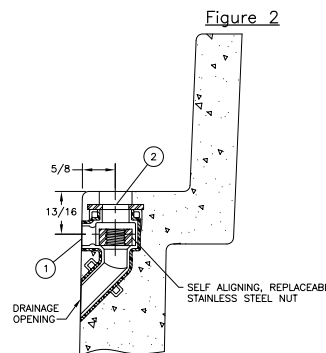
Style "B" EZ-Nut replacement procedure*

1. Locate the drainage opening in the area containing the insert. Insert a screwdriver into the opening at approximately the angle shown in Figure 1.
2. After inserting the screwdriver into the drainage opening, pull upward on the handle of the screwdriver in order to pry open the door of the insert as shown in Figure 2.
3. If necessary, remove any remaining debris from the opening. After the opening is clear, remove existing nut and replace with a nut of the required size.



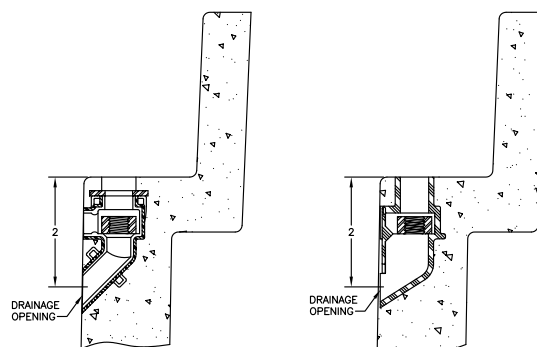
Style "A" EZ-Nut replacement procedure*

1. Measure 13/16" down from bearing ledge of the enclosure. Using a screwdriver and hammer, punch a hole into the cavity of the insert. Clear excess material out of the opening.
2. Insert a screwdriver into the top opening and push the 3/18-16 UNC square nut out of the opening just created. Replace with a new 3/8-16 UNC square nut and plug the cavity in the sidewall if necessary.



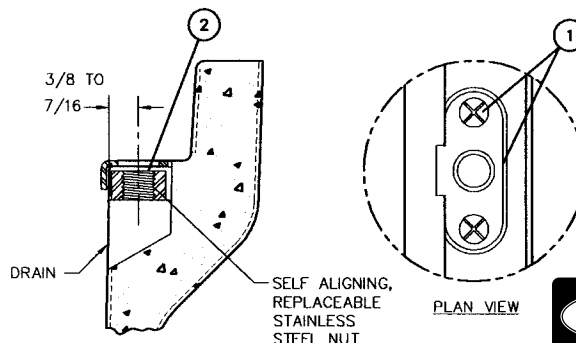
EZ-Nut Cleanout Procedure

1. Make certain drain hole is clear. If it is not, scrape off material with a flat edge and remove any visible obstruction(s). The drain hole is located approximately 2" below the bearing ledge.
2. Insert flat head screw driver into insert. Scrape dirt off of threads and clean out any excess dirt.
3. (Optional) Spray WD-40® or equivalent lubricant into insert to lubricate the threads and help loosen any remaining debris.
4. Replace cover and secure bolts into insert.



Self-Aligning Nut Replacement:

1. Remove screws using a phillips screwdriver. Then remove the retainer clip.
2. Remove 1/2-13 UNC square nut and replace it with a new 1/2-13 UNC square nut.
3. Replace the retainer clip and screws.



Standard Large Enclosure Installation

Installation Guidelines for Enclosures Sized 24" x 36" and Larger:

1. Select an appropriate site or location for an underground enclosure

- 1.01 Utility easements
- 1.02 Streets
- 1.03 Parking lots
- 1.04 Parking lot entrances
- 1.05 Shipping & delivery docks
- 1.06 Waste removal (dumpsters)

2. Place conduit or water pipes

- 2.01 Trenching or plowing of conduit
- 2.02 Boring under road crossings & railroads
- 2.03 Mark depth of conduit (marker tape)

3. Excavate enclosure hole

- 3.01 Make hole 1-2' longer and wider than the box and 6"-8" deeper than the enclosure (add a rodent barrier if called for).

4. Prepare the enclosure for placement

- 4.01 Unpalletize the enclosure.
- 4.02 Place nylon straps or chains around the lifting bolts and secure to the backhoe bucket. The angle between the strap and the enclosure should not be less than 45 degrees.
- 4.03 Lift the enclosure and place it into the hole.
- 4.04 Place gravel in the enclosure and around the side if necessary.
- 4.05 Lift the enclosure to the proper elevation allowing the gravel to run out under the enclosure.
- 4.06 Check the elevation of the enclosure with a level and range pole.
- 4.07 Make the necessary elevation adjustments with the bucket and recheck the elevation.
- 4.08 Once the enclosure is set to the proper elevation, remove the lifting bolts, reinstall the covers and back fill.
- 4.09 If 95% compaction is required, internal bracing should be used on all manufacturer's enclosures to prevent deflection and premature failure.



Attach nylon straps or chains to the lifting bolts (4.02).



Lift and position enclosure with backhoe (4.03).



Place gravel in the enclosure and around the side. Lift enclosure to let gravel run underneath (4.04, 4.05).

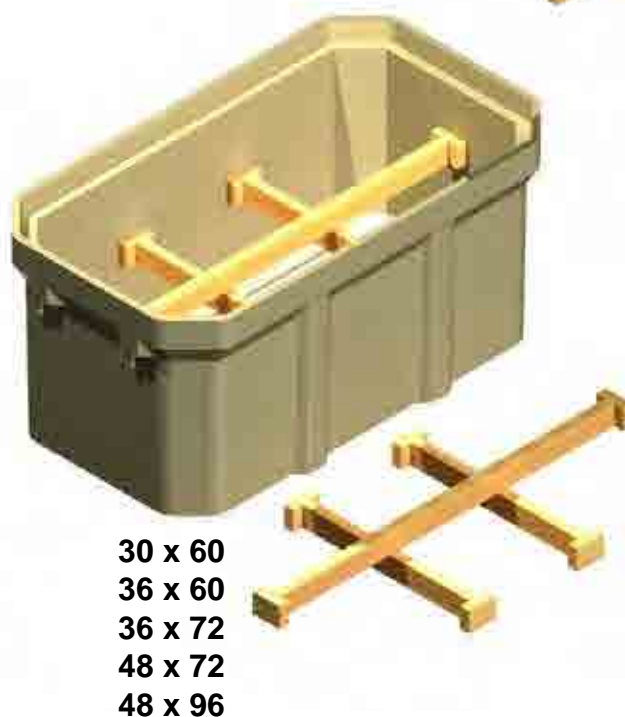
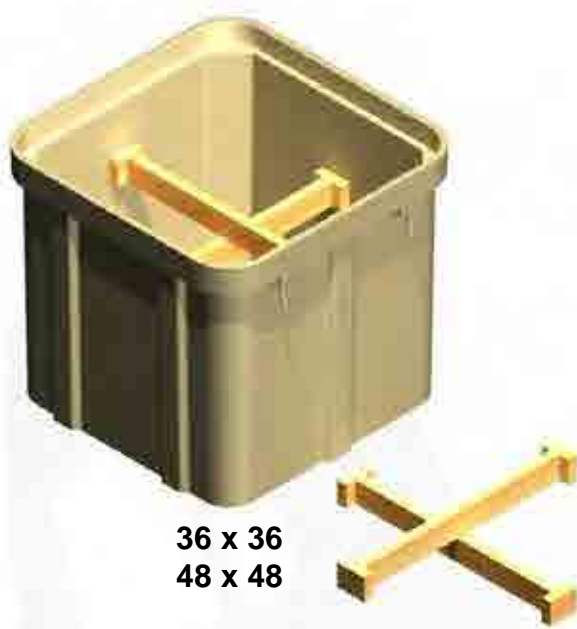
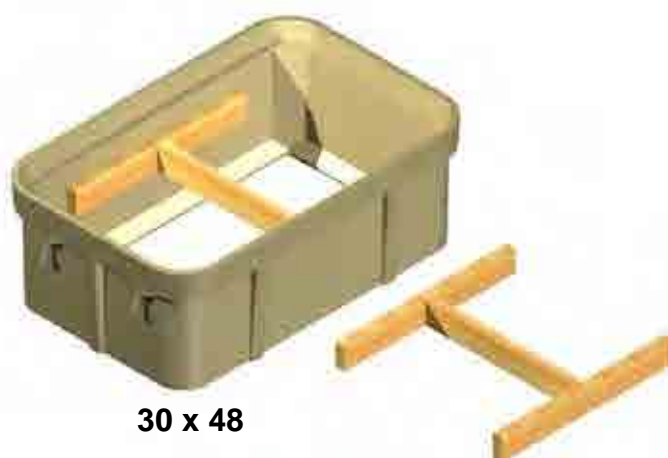


Internal Bracing Installation

Installation Guidelines for Internal Bracing:

Internal bracing may be warranted for any manufacturer's underground enclosure. If 95% compaction is required or if heavy vehicles are going to be present during construction and/or throughout the life of the enclosure, internal bracing during back-filling operations will ensure minimal box sidewall deflections. This installation practice applies to enclosures made from any material to maintain the original sidewall geometry.

Supports should be 2 x 4s or similar material sized to hold at mid-depth.



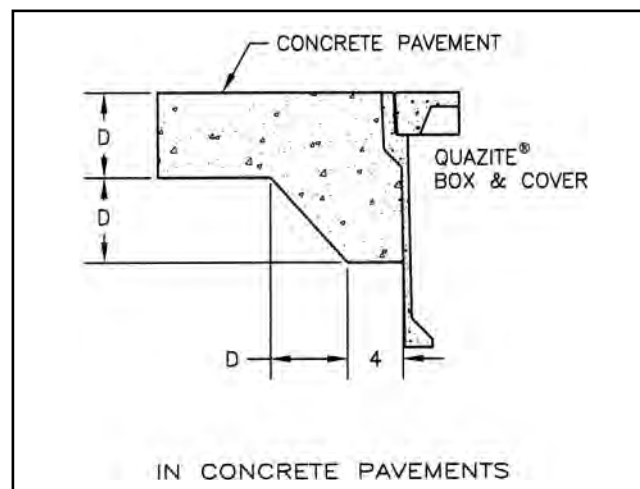
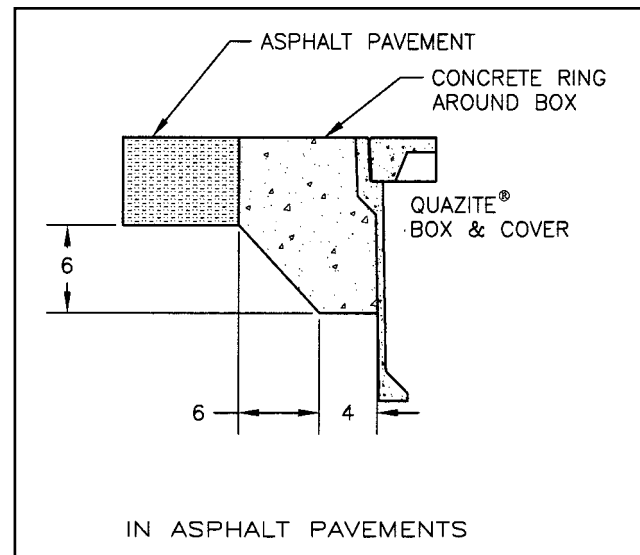
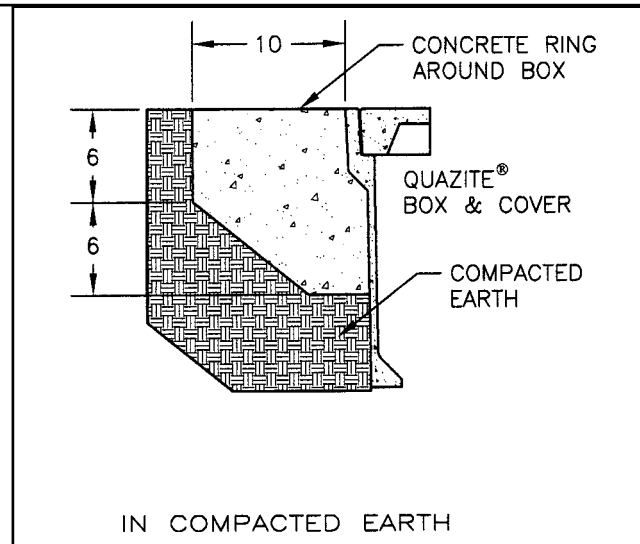
Concrete Collar Applications



Concrete collars may be desired for installations in driveways, parking lots and off-roadway applications where subject to occasional non-deliberate traffic. This applies to boxes made from any material to provide added protection for the top lip. This is not necessary in grassy areas or areas subject to pedestrian traffic.

Notes:

1. Concrete encasement to be 3,000 psi minimum.
2. Concrete encasement collar dimension, D, to be equal to design pavement depth.
3. Pavement and subgrade to be as shown on the engineering plans.



Telecommunications Cabinet Pad Installation

Installation Instructions

1. General

- 1.01 This section covers the description, installation and use of support pads for cross connect cabinets and other pedestal type cabinets.
- 1.02 The foundation base is designed for use with most cabinets now being used in the field.

2. Description and Use

- 2.01 The foundation pad is constructed of polymer concrete and reinforced with a heavy-weave fiberglass. All pads have a non-skid surface.
- 2.02 Various types and sizes of pads are available for use depending on the size of the cabinet to be installed.
- 2.03 3/8" or 1/2" inserts (anchors) or struts are molded into the pad and must align with the base of the cabinet base lugs, or support leg sets.

3. Installation

- 3.01 The following installation procedure is the same for all sizes of foundation pads.
- 3.02 Determine cable/conduit entry position.
- 3.03 Dig recess for pad so that top surface of pad will be level with surrounding area.
- 3.04 Level dirt around cable opening.
- 3.05 Level and tamp down dirt in the area to be occupied by the foundation pad.
- 3.06 Backfill and tamp in trench area leading to cable opening.
- 3.07 Place pad in prepared, level area with opening in pad (throat) directly over cable entry position.
- 3.08 Remove yellow plastic protective covers from inserts by turning counterclockwise. Discard.
- 3.09 Attach cabinet to the foundation pad with bolts, brackets, and/or lugs provided by cabinet manufacturer.
- 3.10 Backfill and tamp earth around pad so it is level with surrounding landscape.



Traffic Signal Cabinet Base Installation

Installation Instructions

1. General

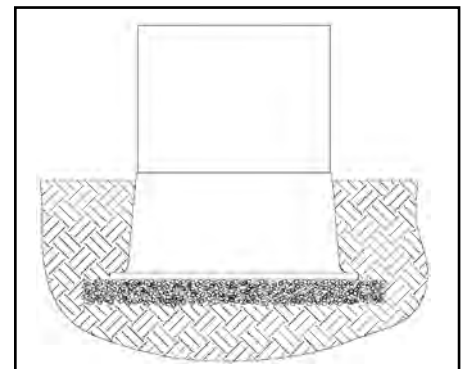
- 1.01 This section covers the description, installation and use of traffic signal cabinet bases for traffic signal cabinets.
- 1.02 The foundation base is designed for most cabinets now being used in the field.

2. Description and Use

- 2.01 The foundation base is constructed of polymer concrete and reinforced by a heavy-weave fiberglass mat.
- 2.02 The types and sizes of the bases vary depending on the size of the cabinet to be installed.
- 2.03 Inserts (1/2" anchors) are molded into the base and must align with the cabinet footprint.
- 2.04 Base is resistant to most chemicals.

3. Installation

- 3.01 The following installation procedure is the same for all sizes of foundation pads.
- 3.02 Determine cable/conduit entry position.
- 3.03 Excavate to the proper depth for traffic cabinet signal base. (The base should extend no more than 50% above grade level.)
- 3.04 Excavate the site to the proper depth as determined by the final grade. The work pad may be installed directly on undisturbed soil. (If the soil compaction is substandard, or if you wish to provide drainage, you need to lower the excavation 4" to 6" to accommodate pea gravel.)
- 3.05 Install conduit, 90° bends, to extend at least 2" above final grade of the base.
- 3.06 Compact the soil or pea gravel base.
- 3.07 Install the traffic signal cabinet base. When lowering the base in place, be sure the conduit is straight in line with the opening on the top surface of the base. After setting the base, check for alignment and plumb.
- 3.08 Backfill evenly around the base to maintain alignment and plumb. Tamp backfill after each 4" fill. Fill 1" to 2" above grade and tamp to grade.
- 3.09 Set the cabinet.



Electrical Equipment Pad Installation

Installation Instructions

1. General

- 1.01 This section covers the description, installation and use of support pads for transformers and switchgear.
- 1.02 The foundation base is designed for use with most transformers and switchgear now being used in the field.

2. Description and Use

- 2.01 The foundation pad is constructed of polymer concrete and reinforced with a heavy-weave fiberglass mat.
- 2.02 Various types and sizes of pads are available for use depending on the size of the equipment to be installed.
- 2.03 Inserts (3/8" or 1/2" anchors) or struts are molded into the pad and must align with the base of the equipment base lugs, or support leg sets.

3. Installation

- 3.01 The following installation procedure is the same for all sizes of foundation pads.
- 3.02 Determine cable/conduit entry position.
- 3.03 Dig recess for pad so that top surface of pad will be level with surrounding area.
- 3.04 Level dirt around cable opening.
- 3.05 Level and tamp down dirt in the area to be occupied by the foundation pad.
- 3.06 Backfill and tamp in trench area leading to cable opening.
- 3.07 Place pad in prepared, level area with opening in pad (throat) directly over cable entry position.
- 3.08 Attach equipment to the foundation pad with bolts, brackets, and/or lugs provided by equipment manufacturer.
- 3.09 Backfill and tamp earth around pad so it is level with surrounding landscape.



Switchgear Box Pad Installation

Installation Instructions

1. General

- 1.01 This section covers the description, installation and use of box pads for switchgear.
- 1.02 The foundation base is designed for use with most switchgear now being used in the field.

2. Description and Use

- 2.01 The foundation box pad is constructed of polymer concrete and reinforced with a heavy-weave fiberglass mat.
- 2.02 Various types and sizes of pads are available for use depending on the size of the equipment to be installed.
- 2.03 3/8" or 1/2" inserts (anchors) or struts are molded into the pad and must align with the base of the cabinet base lugs, or support leg sets.

3. Installation

- 3.01 The following installation procedure is the same for all sizes of foundation box pads.
- 3.02 Determine cable/conduit entry position.
- 3.03 Excavate hole for the box pad. Make hole 1' - 2' longer and wider and approximately 6" deeper than the box pad.
- 3.04 Put bolts into lifting inserts on sides of the box pad (4 bolts are shipped with the box pad).
- 3.05 Attach lifting chain or straps to bolts.
- 3.06 Lift and position box pad into hole using a backhoe. Check plan for proper orientation of box pad.
- 3.07 Place gravel in the box pad to a depth of approximately 6" to 8".
- 3.08 Lift box pad to proper elevation, allowing gravel to run out under the box pad.
- 3.09 Check the elevation of the box pad.
- 3.10 Make necessary elevation adjustments with the bucket and recheck the elevation.
- 3.11 Remove the bolts once the box pad is set to proper elevation.

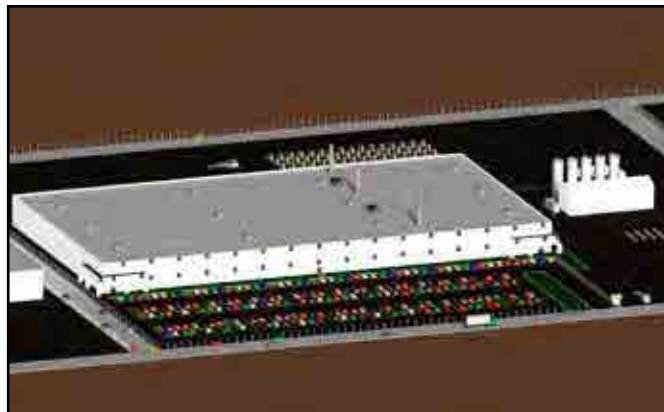


INSTALLATION

Corporate Divisions



Hubbell Lenoir City, Inc. - Lenoir City, Tennessee



Hubbell Lenoir City, Inc. - Juarez, Mexico

HUBBELL - LENOIR CITY, INC. ***(Lenoir City, Tennessee; Juarez, Mexico)***

Hubbell has polymer concrete manufacturing plants in Lenoir City, Tennessee and Juarez, Mexico, making Hubbell the largest precaster of polymer concrete products in North America. Polymer concrete, which uses polymer resin instead of Portland Cement, is a strong, lightweight, and highly impermeable material.

Both manufacturing plants produce precast polymer concrete products and are able to supply most all of the Quazite products from either facility. The 78,000 square foot Lenoir City facility is conveniently located near both Interstates 40 and 75, a geographically central location that allows it to serve the entire east coast. In 2008, Hubbell built a modern 120,000 square foot facility in Juarez, Mexico, to expand its polymer concrete manufacturing capacity required to service the growing demand from our customers.

Polymer Concrete Products

Polymer concrete products are manufactured at the Lenoir City Division plants in Lenoir City, TN and Juarez, Mexico.



The division has two main product lines:

QUAZITE® utility products, which make up the oldest and largest group, are products engineered for the electrical, water and gas utilities, telecommunications and transportation industries. Underground pull/splice boxes, service boxes, handholes, box pads, and telephone and electric equipment pads are included in the QUAZITE® line. These lightweight products are easier, and therefore less expensive, to install. QUAZITE®'s strength, durability and corrosion resistance means that it will last longer, reducing life cycle costs.

POLYCAST® presloped trench drain is used in a wide variety of applications from airports to major highway systems to light duty residential to industrial plants. POLYCAST® offers easy to install, low-cost channels, catch basins and a variety of gratings which are resistant to chemicals and water erosion.



People and Capabilities



Engineering

Registered Professional Engineers are on hand to assist with design, specification development and review. Full CAD capabilities are available and can be used to electronically transmit drawings and files to you.

Sales and Customer Service

Quazite precast polymer concrete products are sold by a network of stocking distributors throughout the country. In support of the distributors are Sales Representatives knowledgeable in the products and applications. Regional Sales Managers, as well as Product Managers, work to provide customer service and satisfaction.

Competent, friendly, customer service personnel are on staff to respond quickly to customer questions and concerns.

Special care is given by order receipt through plant scheduling, quality control and shipping to meet all needs.



Website

QUAZITE® literature and product drawings are now conveniently available through the Quazite website at www.quazite.com. For the latest revisions and additions to our product line, visit us online at:

www.quazite.com

Research and Development

Quazite is involved in continuous research and development programs. Products are reviewed, updated and improved as changes occur in the market place.

As engineers become aware of the features and benefits of polymer concrete, the range of applications for this unique material continues to grow.

Precast polymer concrete may be the engineering solution for problems associated with traditional materials.



Quality Assurance



Quazite is committed to quality assurance, product improvement and research into new materials and applications. Highly specialized Quality Assurance staff at each manufacturing facility ensure product consistency and conformance to customer specifications.

Standard testing is performed to assure the highest quality products. In addition, other custom tests are performed on a routine basis as required for the application.

Standard physical testing is performed for compressive strength, tensile strength, and flexural strength. The material is tested according to the requirements of ASTM Method D-543, Section 7 for chemical resistance.

As seen from the examples of test procedures shown here, product development and quality have always been emphasized. That emphasis is more prevalent today than ever before and will continue to grow in the future.



Shipping & Inventory

Many different types of products are shipped daily - drain, and utility service boxes.

An extensive inventory is maintained on each product to assure that customers receive a quick delivery.





Complete Product Representation and Stocking Distributors Throughout North America



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BUSHINGS • CONSTRUCTION • INSULATION • PROTECTION • SWITCHING • TOOLS

NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

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