

Steel City[®]

Steel City[®] Metallic Boxes & Covers

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Steel City[®] Metallic Boxes & Covers

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Thomas & Betts

www.tnb.com

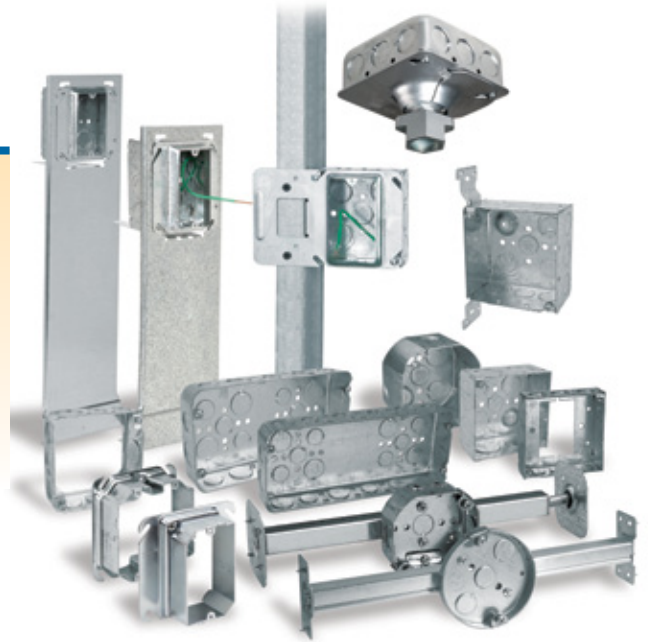
Overview

Steel City® Metallic Boxes and Covers

Steel City® is the industry-leading product line of metallic switch and outlet boxes used in electrical construction. Since 1904, Steel City® products have symbolized the highest quality standards in manufacturing and innovative design, with one of the most complete offerings available.

Steel City® products are known for their simple improvements, such as being the first box offering to standardize combination slotted/phillips screws on all boxes. Thomas & Betts is also recognized as a leader in design innovation, as in our new metal stud bracket.

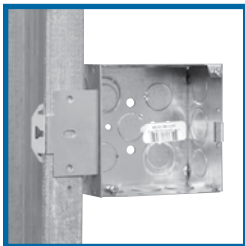
Thomas & Betts continues to listen to contractors and responds to their ever-changing needs. Contact a T&B distributor nearest you to select the right Steel City® product for your requirements.



Advantages of Steel City® Boxes and Covers

Notched Ears on Switch Boxes

- Steel City® Switch Boxes feature a longer ear and a special notch. This provides clearance for the screws that are used to attach wall plates to GFCI or rocker-type light switches

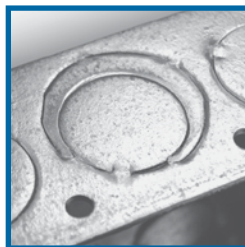


MS Bracket Boxes

- Mounts without the use of screws
- Mounts to the open or closed side of the stud
- Works on stud depths up to 4"

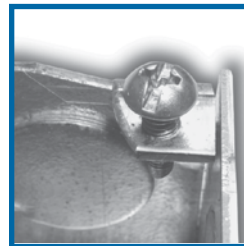
Eccentric Knockouts on Square Boxes

- Provide better contact with conduit fitting and locknut to the box, improve grounding path, stronger than 3/4" knockout
- Available in all four standard-size square boxes
- Improved 3/4" knockout position on square boxes
- Less labor required to install 3/4" conduit to box



Raised Ground Screw Bump in 4" Square, 4 1/16" and Utility Boxes

- Quicker surface mounting by eliminating the need to remove the portion of the screw that threads through the back of the box
- Allows for improved repositioning of grounding conductor
- Ground bump standard in 2 1/8" boxes
- Ground bump optional in 1 1/2" boxes



Pre-Installed Screws are Packaged in Raised Position

- Eliminates extra step of having to back out the screw during cover installation

Steel City® switch and outlet boxes are protected from rust and corrosion by zinc-galvanizing. All clamps and other component parts are electrogalvanized separately, before assembly in the box, to ensure corrosion protection of every surface. Steel City® galvanized finish meets the requirements of Underwriters Laboratories, Inc. and Federal Specifications.

Overview

Guide to Steel City® Knockouts, Pryouts, Ears, Brackets and Clamps

Knockouts and Pryouts

Steel City® conduit KOs have standard trade size dimensions. KOs are uniform and true for attachment of cable or conduit connectors. Pryouts for cable entrance are slotted — a twist with a screwdriver removes them. KOs and Pryouts are precision stamped to permit easy removal, but remain sufficiently strong and sturdy when not removed.

Outlet Box Ears

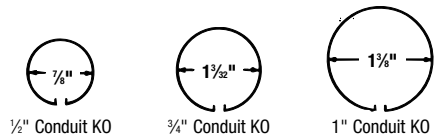
Mounting ears support the box independent of the electrical system attachments. Switch boxes have a fixed ear for old work installations.

Ears for plaster are set 1/16" forward of the box face in position for old work (modernization), except where specifically noted.

Tapped Holes for Grounding

All Steel City® boxes have a 10-32 tapped hole in the bottom of the box for attaching separate ground wire.

Knockouts

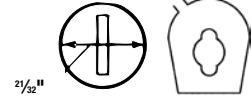


Eccentric Knockouts



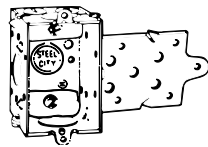
Combination 1/2" & 3/4" Knockout

Pryouts



Cable Pryouts Always in Pairs

Brackets



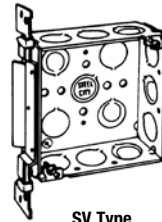
S or B Type

Mounts to face of stud. Used on switch, handy or square boxes. 2" long x 2 1/8" wide



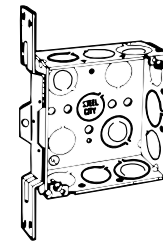
T Type

Positions handy box against the face and side of stud. 5 1/2" long x 3/8" wide



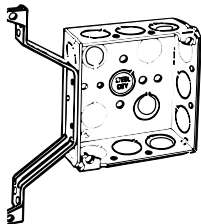
SV Type

Mounts box to side of stud with positioning spikes. 7 7/8" long x 1" wide x 3/8" offset



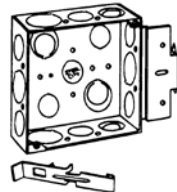
CV Type (Outlet Boxes)

Mounts to flat side of metal studs or wood studs. 7 7/8" long x 1" wide x 3/8" offset



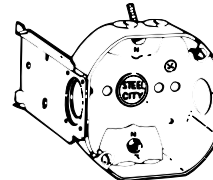
DV Type

Mounts box offset from stud 1 1/2". 6 3/8" long x 1" wide x 1 1/2" offset



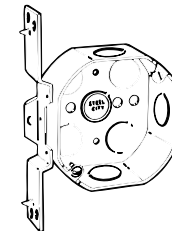
MS Type (For Metal Studs)

Mounts to any depth of metal stud, open or closed side. 2 1/2" long x 1 1/16" wide x 3/8" offset; Far side support to 4" only



L Type

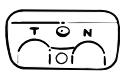
Used to mount octagon boxes. 2 5/8" long x 3 5/8" wide x 1/4" offset



V Type

Mounts to flat side of stud. 7 3/8" long x 1" wide x 3/8" offset

Clamps



C-1

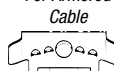


C-5

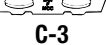


C-8

(Loom only)



C-3



C-10

For Non-Metallic Sheathed Cable and Non-Metallic Tubing (Loom)

UNDERWRITERS LABORATORIES INC. and CANADIAN STANDARDS ASSOCIATION file numbers for individual items available upon request.

Listing Information for Armored Cable Clamp — Type C-3

Armored Cable (BX) — Steel	Sizes 14-2 through 10-3	MCAP™ — Aluminum*	.370–.580
Armored Cable (BX) — Aluminum	Sizes 14-2 through 10-3	Flex Metal Conduit — Steel	1/8" Trade Size
MC Interlocked (MCI) — Steel	.449–.570 Diameter	Flex Metal Conduit — Aluminum	3/8" Trade Size
MC Interlocked (MCI) — Aluminum	.476–.606 Diameter	C-3 Clamp Acceptable for Grounding	
MC Corrugated (MCC) — Aluminum	.375–.515 Diameter	*MCAP™ is a trademark of Southwire Company	

"Products listed in this catalog are subject to alteration or discontinuation without prior notice."

Overview

NEC® Reference

Article 314 of the National Electrical Code® covers the installation and use of boxes. The article includes table references that guide the electrician in the selection of the proper box size necessary to safely accommodate electrical service requirements. The box capacity table shown (page A-5) is reproduced in part from the NEC® as a quick reference and guide. The NEC® should be consulted for complete details.

Article 314 — Boxes and Fittings

314.16 Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies.

Boxes and conduit bodies shall be of sufficient size to provide free space for all enclosed conductors. In no case shall the volume of the box, as calculated in 314.16(A), be less than the fill calculation as calculated in 314.16(B). The minimum volume for conduit bodies shall be as calculated in 314.16(C).

The provisions of this section shall not apply to terminal housings supplied with motors or generators. Informational Note: For volume requirements of motor or generator terminal housings, see Article 430.12. Boxes and conduit bodies enclosing conductors #4 AWG or larger shall also comply with the provisions of 314.28.

(A) Box Volume Calculations.

The volume of a wiring enclosure (box) shall be the total volume of the assembled sections and, where used, the space provided by plaster rings, domed covers, extension rings and so forth, that are marked with their volume or are made from boxes the dimensions of which are listed in Table 314.16(A).

- (1) **Standard Boxes.** The volumes of standard boxes that are not marked with their volume shall be as given in Table 314.16(A).
- (2) **Other Boxes.** Boxes 1650 cm³ (100 in.³) or less, other than those described in Table 314.16(A), and nonmetallic boxes shall be durably and legibly marked by the manufacturer with their volume. Boxes described in Table 314.16(A) that have a volume larger than is designated in the table shall be permitted to have their volume marked as required by this section.

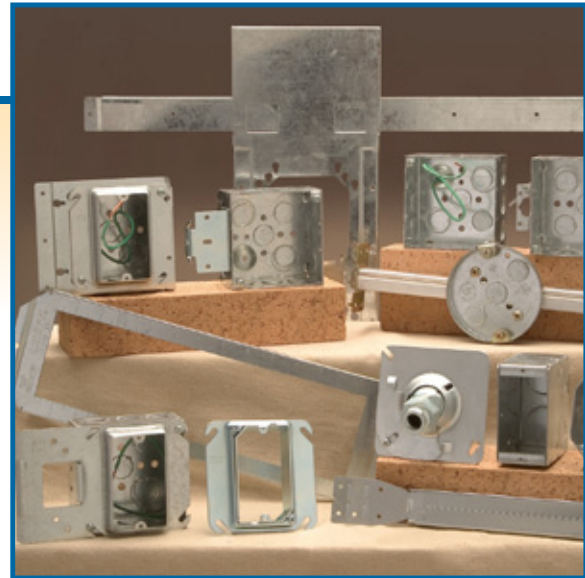
(B) Box Fill Calculations.

The volumes in paragraphs 314.16(B)(1) through (B)(5), as applicable, shall be added together. No allowance shall be required for small fittings such as locknuts and bushings.

- (1) **Conductor Fill.** Each conductor that originates outside the box and terminates or is spliced within the box shall be counted once, and each conductor that passes through the box without splice or termination shall be counted once. Each loop or coil of unbroken conductor not less than twice the minimum length required for free conductors in 300.14 shall be counted twice. The conductor fill shall be calculated using Table 314.16(B). A conductor, no part of which leaves the box, shall not be counted.

Exception: An equipment grounding conductor or conductors not over four fixture wires smaller than #14 AWG, or both, shall be permitted to be omitted from the calculations where they enter a box from a domed luminaire or similar canopy and terminate within that box.

- (2) **Clamp Fill.** Where one or more internal cable clamps, whether factory or field supplied, are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with its clamping mechanism outside the box.



- (3) **Support Fittings Fill.** Where one or more luminaire studs or hickies are present in the box, a single volume allowance in accordance with Table 314.16(B) shall be made for each type of fitting based on the largest conductor present in the box.
 - (4) **Device or Equipment Fill.** For each yoke or strap containing one or more devices or equipment, a double volume allowance in accordance with Table 314.16(B) shall be made for each yoke or strap based on the largest conductor connected to a device(s) or equipment supported by that yoke or strap. A device or utilization equipment wider than a single 50mm (2 in.) device box as described in Table 314.16(A) shall have double volume allowances provided for each gang required for mounting.
 - (5) **Equipment Grounding Conductor Fill.** Where one or more equipment grounding conductors or equipment bonding jumpers enter a box, a single volume allowance in accordance with Table 314.16(B) shall be made based on the largest equipment grounding conductor or equipment bonding jumper present in the box. Where an additional set of equipment grounding conductors, as permitted by 250.146(D), is present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.
- #### (C) Conduit Bodies.
- (1) **General.** Conduit bodies enclosing #6 AWG conductors or smaller, other than short-radius conduit bodies as described in 314.16(C)(2), shall have a cross-sectional area not less than twice the cross-sectional area of the largest conduit or tubing to which they can be attached. The maximum number of conductors permitted shall be the maximum number permitted by Table 1 of Chapter 9 for the conduit or tubing to which it is attached.
 - (2) **With Splices, Taps or Devices.** Only those conduit bodies that are durably and legibly marked by the manufacturer with their volume shall be permitted to contain splices, taps or devices. The maximum number of conductors shall be calculated in accordance with 314.16(B). Conduit bodies shall be supported in a rigid and secure manner.
 - (3) **Short-Radius Conduit Bodies.** Conduit bodies such as capped elbows and service-entrance elbows that enclose conductors #6 AWG or smaller, and are only intended to enable the installation of the raceway and the contained conductors, shall not contain splices, taps or devices and shall be of sufficient size to provide free space for all conductors enclosed in the conduit body.

Overview

Article 314 — Boxes and Fittings (continued)

Table 314.16(A)
Metal Boxes

MM	BOX TRADE SIZE (IN.)		MINIMUM VOLUME		MAXIMUM NUMBER OF CONDUCTORS*						
			CM ³	IN. ³	18	16	14	12	10	8	6
100 x 32	(4 x 1¼)	Round/Octagonal	205	12.5	8	7	6	5	5	5	2
100 x 38	(4 x 1½)	Round/Octagonal	254	15.5	10	8	7	6	6	5	3
100 x 54	(4 x 2¼)	Round/Octagonal	353	21.5	14	12	10	9	8	7	4
100 x 32	(4 x 1¼)	Square	295	18.0	12	10	9	8	7	6	3
100 x 38	(4 x 1½)	Square	344	21.0	14	12	10	9	8	7	4
100 x 54	(4 x 2¼)	Square	497	30.3	20	17	15	13	12	10	6
120 x 32	(4L x 1¼)	Square	418	25.5	17	14	12	11	10	8	5
120 x 38	(4L x 1½)	Square	484	29.5	19	16	14	13	11	9	5
120 x 54	(4L x 2¼)	Square	689	42.0	28	24	21	18	16	14	8
75 x 50 x 38	(3 x 2 x 1½)	Device	123	7.5	5	4	3	3	3	2	1
75 x 50 x 50	(3 x 2 x 2)	Device	164	10.0	6	5	5	4	4	3	2
75 x 50 x 57	(3 x 2 x 2¼)	Device	172	10.5	7	6	5	4	4	3	2
75 x 50 x 65	(3 x 2 x 2½)	Device	205	12.5	8	7	6	5	5	4	2
75 x 50 x 70	(3 x 2 x 2¾)	Device	230	14.0	9	8	7	6	5	4	2
75 x 50 x 90	(3 x 2 x 3½)	Device	295	18.0	12	10	9	8	7	6	3
100 x 54 x 38	(4 x 2½ x 1½)	Device	169	10.3	6	5	5	4	4	3	2
100 x 54 x 48	(4 x 2½ x 1¾)	Device	213	13.0	8	7	6	5	5	4	2
100 x 54 x 54	(4 x 2½ x 2¼)	Device	238	14.5	9	8	7	6	5	4	2
95 x 50 x 65	(3¾ x 2 x 2½)	Masonry Box/Gang	230	14.0	9	8	7	6	5	4	2
95 x 50 x 90	(3¾ x 2 x 3½)	Masonry Box/Gang	344	21.0	14	12	10	9	8	7	4
Min. 44.5 depth FS — Single-Cover/Gang (1¾)			221	13.5	9	7	6	6	5	4	2
Min. 60.3 depth FD — Single-Cover/Gang (2¾)			295	18.0	12	10	9	8	7	6	3
Min. 44.5 depth FS — Multiple-Cover/Gang (1¾)			295	18.0	12	10	9	8	7	6	3
Min. 60.3 depth FD — Multiple-Cover/Gang (2¾)			395	24.0	16	13	12	10	9	8	4

*Where no volume allowances are required by 314.16(B)(2) through 314.16(B)(5).
Underwriters Laboratories Inc. File Number: E2969 (U.L. 514A)
Canadian Standards Association File Number: LR 12798
Federal Manufacture Number: 56501 (Cage Code)
Products designed to meet Federal Specification Number: W-J-800
Verification of file numbers and compliance with federal specifications for individual items available upon request.
Box and cover material and plating specification; .062" minimum thickness, hot rolled, pre-galvanized steel, minimum spangle.
ASTM G-60-U, AISI C-1008
Bracket material: All brackets except MS style; 16 gauge (.060") hot rolled, pre-galvanized steel AISI C-1008, G-90-U. MS style bracket; 20 gauge (.036") cold rolled spring steel AISI C-1055, heat treated to R. 35 zinc plated .0005 thick.

Table 314.16(B)
Volume Allowance Required per Conductor

SIZE OF CONDUCTOR (AWG)	FREE SPACE WITHIN BOX FOR EACH CONDUCTOR	
	CM ³	IN. ³
No. 18	24.6	1.50
No. 16	28.7	1.75
No. 14	32.8	2.00
No. 12	36.9	2.25
No. 10	41.0	2.50
No. 8	49.2	3.00
No. 6	81.9	5.00

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Underwriters Laboratories Inc. File Number: E2969 (U.L. 514A)
Canadian Standards Association File Number: LR 12798
Federal Manufacture Number: 56501
Products designed to meet Federal Specification Number: A-A5924 (formerly W-J-800).
Verification of file numbers and compliance with federal specifications for individual items available upon request.
Box and cover material and plating specification; .062" minimum thickness, hot-rolled, pre-galvanized steel, minimum spangle.
ASTM G-60-U, AISI C-1008
Bracket material: All brackets except MS style; 16 gauge (.060") hot rolled, pre-galvanized steel AISI C-1008, G-60-U. MS Style bracket; 20 gauge (.036") cold rolled spring steel AISI C-1055, heat treated to R. 35 zinc plated .0005 thick.

Metallic Boxes — Fire Resistance Rating

Wall Penetrations

Listed single- and double-gang metallic outlet and switch boxes and octagon ceiling boxes with metallic or non-metallic cover plates may be used in bearing and non-bearing wood stud and steel stud walls with ratings not exceeding 2 hours. These walls shall have gypsum wallboard facings similar to those shown in Design Nos. U301, U411, and U425. 4 in. square boxes may be used in 2 hr. fire rated ceilings.

The surface area of individual metallic outlet or switch boxes shall not exceed 16 sq. in. The aggregate surface area of the boxes shall not exceed 100 sq. inches per 100 sq. ft. of wall. Boxes located on opposite sides of walls or partitions shall be separated by a horizontal distance of 24 inches.

The metallic outlet or switch boxes shall be securely fastened to the studs and the opening in the wallboard facing shall be cut so that the clearance between the box and the wallboard does not exceed ¼ in.

Pre-Fab Components and Assemblies

Faster Installation for Increased Profit Margin!

Pre-Assemblies

Paying to assemble outlet boxes, grounding pigtails, device covers and mounting brackets on the job site can quickly become an expensive proposition. Instead, choose Steel City® Pre-Assemblies and realize significant labor savings. This UL Listed product line includes over 75 combinations of popular boxes, brackets and covers that speed installation because the time-consuming assembly work is already done for you.

Steel City® Pre-Assemblies include:

- Outlet box with pre-installed grounding pigtail
- Your choice of cover options, including single- and double-device covers, raised 1/2", 5/8" or 3/4"
- Your choice of bracket options to allow mounting to steel and wood stud or floor track, including Steel City® Box Support Covers, which combine a bracket and cover in one component
- All UL Listed components



Box with Pre-Installed 10 1/2" Pigtail

- Popular 4" square boxes and switch boxes
- Pre-installed 10 1/2" insulated grounding pigtails
- Save on labor costs by eliminating multiple installation steps



Pre-Assembled Installation **VS.** Standard Installation

1. Install box in desired location — **DONE!**

1. Purchase pre-stripped pigtail
2. Install pigtail and ground screw in box
3. Install box in desired location

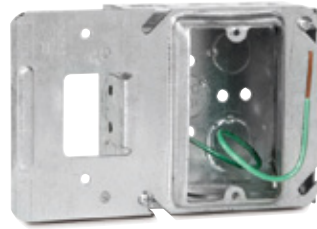


CAT. NO.	BOX TYPE INCLUDED	KNOCKOUTS	PRE-INSTALLED PIGTAIL	STD. CTN.
521511234EWP	52151234EW — 4"-sq. x 1 1/2" D Welded Box	Eccentric	10 1/2"	50
521511234P	521511234 — 4"-sq. x 1 1/2" D Drawn Box	1/2" & 3/4"	10 1/2"	50
521711234EP	521711234E — 4"-sq. x 2 1/8" D Welded Box	1/2" & 3/4" Eccentric	10 1/2"	50
52151XP	52151X — 4"-sq. x 1 1/2" D Welded Box	1/2" & 3/4" Eccentric	10 1/2"	50
52151CVNP	52151CVN — 4"-sq. x 1 1/2" D Welded Box	1/2" & 3/4" Eccentric	10 1/2"	25
LXWOWP	LXWOW-25 — 3"H x 2"W x 2 1/2" D Gangable Switch Box	1/2"	10 1/2"	25
LXVP	LXV-25 — 3"H x 2"W x 2 1/2" D Gangable Switch Box	1/2"	10 1/2"	25
CXWOWP	CXWOW — 3"H x 2"W x 3 1/2" D Gangable Switch Box	1/2" & 3/4"	10 1/2"	25
CXWVP	CXWV — 3"H x 2"W x 3 1/2" D Gangable Switch Box	1/2" & 3/4"	10 1/2"	25
CXP	CX — 3"H x 2"W x 3 1/2" D Gangable Switch Box	1/2" & 3/4"	10 1/2"	25

Pre-Fab Components and Assemblies

Box with Pre-Installed 10½" Pigtail and Box Support Cover

- 52CM and 52CMD box support covers
- 10½" insulated pigtail
- One- and two-device covers
- Raised ½", ⅝" and ¾"
- 1½" and 2⅝" box depths



52171-CM14-5/8

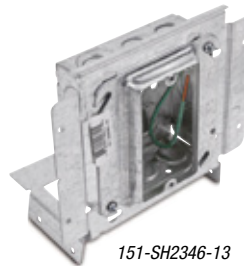


Boxes & Covers — Steel City® Metallic Boxes

CAT. NO.	BOX TYPE INCLUDED	BOX DEPTH (IN.)	PIGTAIL TYPE INCLUDED	BOX SUPPORT COVER INCLUDED	RAISED (IN.)	NO. OF DEVICES	STD. CTN.
52151-CM13	521511234EW	1½	GSC12	52CM13	½	1	25
52151-CM14-5/8	521511234EW	1½	GSC12	52CM14-5/8	⅝	1	25
52151-CM14	521511234EW	1½	GSC12	52CM14	¾	1	25
52151-CMD17	521511234EW	1½	GSC12	52CMD17	½	2	25
52151-CMD18-5/8	521511234EW	1½	GSC12	52CMD18-5/8	⅝	2	25
52151-CMD18	521511234EW	1½	GSC12	52CMD18	¾	2	25
52171-CM13	521711234E	2⅝	GSC12	52CM13	½	1	25
52171-CM14-5/8	521711234E	2⅝	GSC12	52CM14-5/8	⅝	1	25
52171-CM14	521711234E	2⅝	GSC12	52CM14	¾	1	25
52171-CMD17	521711234E	2⅝	GSC12	52CMD17	½	2	25
52171-CMD18-5/8	521711234E	2⅝	GSC12	52CMD18-5/8	⅝	2	25
52171-CMD18	521711234E	2⅝	GSC12	52CMD18	¾	2	25

Box with Pre-Installed 10½" Pigtail, Raised Cover and Box-to-Stud Bracket

- SSF-SH2346 bracket
- 10½" insulated pigtail
- One- and two-device covers
- Raised ½", ⅝" and ¾"
- 1½" and 2⅝" box depths



151-SH2346-13

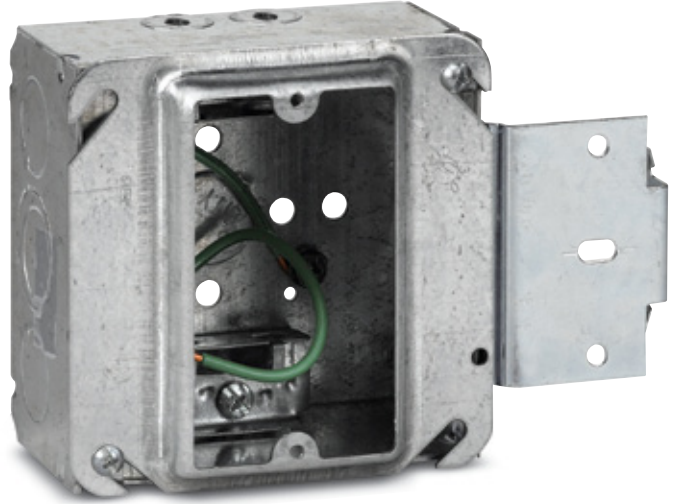


CAT. NO.	BOX TYPE INCLUDED	BOX DEPTH (IN.)	PIGTAIL TYPE INCLUDED	BRACKET TYPE INCLUDED	COVER TYPE INCLUDED	RAISED (IN.)	NO. OF DEVICES	STD. CTN.
151-SH2346-13	521511234EW	1½	GSC12	SSF-SH2346	52-C-13	½	1	10
151-SH2346-1458	521511234EW	1½	GSC12	SSF-SH2346	52-C-14-5/8	⅝	1	10
151-SH2346-14	521511234EW	1½	GSC12	SSF-SH2346	52-C-14	¾	1	10
151-SH2346-17	521511234EW	1½	GSC12	SSF-SH2346	52-C-17-25	½	2	10
151-SH2346-1858	521511234EW	1½	GSC12	SSF-SH2346	52-C-18-5/8-25	⅝	2	10
151-SH2346-18	521511234EW	1½	GSC12	SSF-SH2346	52-C-18	¾	2	10
171-SH2346-13	521711234E	2⅝	GSC12	SSF-SH2346	52-C-13	½	1	10
171-SH2346-1458	521711234E	2⅝	GSC12	SSF-SH2346	52-C-14-5/8	⅝	1	10
171-SH2346-14	521711234E	2⅝	GSC12	SSF-SH2346	52-C-14	¾	1	10
171-SH2346-17	521711234E	2⅝	GSC12	SSF-SH2346	52-C-17-25	½	2	10
171-SH2346-1858	521711234E	2⅝	GSC12	SSF-SH2346	52-C-18-5/8-25	⅝	2	10
171-SH2346-18	521711234E	2⅝	GSC12	SSF-SH2346	52-C-18	¾	2	10

Pre-Fab Components and Assemblies

MS Series Pre-Assemblies

- 4" square and 4¹¹/₁₆" square boxes
- 1½" deep or 2½" deep
- Pre-installed 10½" insulated grounding pigtail
- Available with conduit KOs or clamps for flexible/armored/MC cable
- Save on labor costs by eliminating multiple installation steps



Pre-Assembled Installation **VS.** Standard Installation

<ol style="list-style-type: none"> 1. Snap box — DONE! 	<ol style="list-style-type: none"> 1. Purchase pre-stripped pigtail 2. Install pigtail and ground screw in box 3. Mount box support cover to box 4. Mount assembly to stud
---	--



CAT. NO.	BOX TYPE INCLUDED	BOX DEPTH (IN.)	PIGTAIL INCLUDED (IN.)	BOX COVER INCLUDED	RAISED (IN.)	NO. OF DEVICES	STD. CTN.
151-MS-13	52151-MS-1/2 3/4	1½	10½	52-C-13	½	1	25
151-MS-14	52151-MS-1/2 3/4	1½	10½	52-C-14	¾	1	25
151-MS-1458	52151-MS-1/2 3/4	1½	10½	52-C-14-5/8	¾	1	25
171MS13	52171-MS-1/2 3/4	2½	10½	52-C-13	½	1	25
171-MS-14	52171-MS-1/2 3/4	2½	10½	52-C-14	¾	1	25
171-MS-1458	52171-MS-1/2 3/4	2½	10½	52-C-14-5/8	¾	1	25
171MS18	52171-MS-1/2 3/4	2½	10½	52-C-18	¾	2	25
171-MS-18 5/8	52171-MS-1/2 3/4	2½	10½	52-C-18-5/8-25	¾	2	25
171MSX13	52171-MSX	2½	10½	52-C-13	½	1	25
171-MSX-14	52171-MSX	2½	10½	52-C-14	¾	1	25
171-MSX-1458	52171-MSX	2½	10½	52-C-14-5/8	¾	1	25
171MSX18	52171-MSX	2½	10½	52-C-18	¾	2	25
171-MSX-18 5/8	52171-MSX	2½	10½	52-C-18-5/8-25	¾	2	25
72171MS14	72171-MS-1/2 3/4	2½	10½	72-C-14	¾	1	25
72171-MS-1458	72171-MS-1/2 3/4	2½	10½	72-C-14-5/8	¾	1	25
72171MS18	72171-MS-1/2 3/4	2½	10½	72-C-18	¾	2	25
72171-MS-18 5/8	72171-MS-1/2 3/4	2½	10½	72-C-18-5/8	¾	2	25
72171MSX14	72171-MS-1/2 3/4	2½	10½	72-C-14	¾	1	25
72171-MSX-1458	72171-MSX	2½	10½	72-C-14-5/8	¾	1	25
72171MSX18	72171-MS-1/2 3/4	2½	10½	72-C-18	¾	2	25
72171-MSX-1858	72171-MS-1/2 3/4	2½	10½	72-C-18-5/8	¾	2	25

Pre-Fab Components and Assemblies

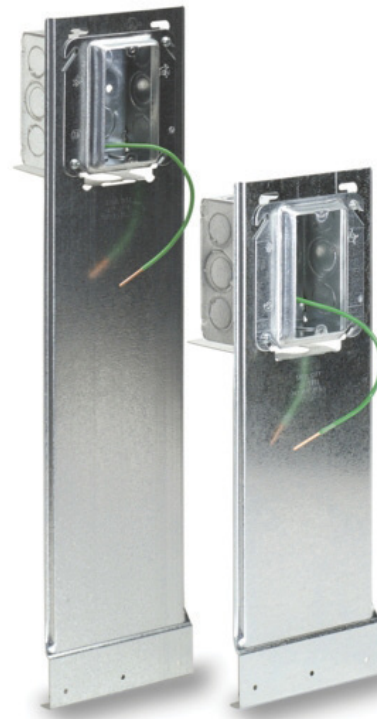
Box with Pre-Installed 10½" Pigtail, Raised Cover and Vertical Mounting Bracket

- 12" (SSF-SV12) or 18" (SSF-SV18) vertical mounting bracket
- 10½" insulated pigtail
- One- and two-device covers
- Raised ½", ⅝" and ¾"
- 1½" and 2⅛" box depths

Pre-Assembled Installation **VS.** Standard Installation

1. Mount assembly to floor stud — **DONE!**

1. Purchase pre-stripped pigtail
2. Install pigtail and ground screw in box
3. Insert box into vertical bracket
4. Insert device cover to vertical bracket
5. Mount assembly to floor stud



151-SV18-13

151-SV12-13



CAT. NO.	BOX TYPE INCLUDED	BOX DEPTH (IN.)	PIGTAIL TYPE INCLUDED	BRACKET TYPE INCLUDED	COVER TYPE INCLUDED	RAISED (IN.)	NO. OF DEVICES	STD. CTN.
151-SV12-13	521511234EW	1½	GSC12	SSF-SV12	52-C-13	½	1	10
151-SV12-1458	521511234EW	1½	GSC12	SSF-SV12	52-C-14-5/8	⅝	1	10
151-SV12-14	521511234EW	1½	GSC12	SSF-SV12	52-C-14	¾	1	10
151-SV12-17	521511234EW	1½	GSC12	SSF-SV12	52-C-17-25	½	2	10
151-SV12-1858	521511234EW	1½	GSC12	SSF-SV12	52-C-18-5/8-25	⅝	2	10
151-SV12-18	521511234EW	1½	GSC12	SSF-SV12	52-C-18	¾	2	10
171-SV12-13	521711234E	2½	GSC12	SSF-SV12	52-C-13	½	1	10
171-SV12-1458	521711234E	2½	GSC12	SSF-SV12	52-C-14-5/8	⅝	1	10
171-SV12-14	521711234E	2½	GSC12	SSF-SV12	52-C-14	¾	1	10
171-SV12-17	521711234E	2½	GSC12	SSF-SV12	52-C-17-25	½	2	10
171-SV12-1858	521711234E	2½	GSC12	SSF-SV12	52-C-18-5/8-25	⅝	2	10
171-SV12-18	521711234E	2½	GSC12	SSF-SV12	52-C-18	¾	2	10
151-SV18-13	521511234EW	1½	GSC12	SSF-SV18	52-C-13	½	1	10
151-SV18-1458	521511234EW	1½	GSC12	SSF-SV18	52-C-14-5/8	⅝	1	10
151-SV18-14	521511234EW	1½	GSC12	SSF-SV18	52-C-14	¾	1	10
151-SV18-17	521511234EW	1½	GSC12	SSF-SV18	52-C-17-25	½	2	10
151-SV18-1858	521511234EW	1½	GSC12	SSF-SV18	52-C-18-5/8-25	⅝	2	10
151-SV18-18	521511234EW	1½	GSC12	SSF-SV18	52-C-18	¾	2	10
171-SV18-13	521711234E	2½	GSC12	SSF-SV18	52-C-13	½	1	10
171-SV18-1458	521711234E	2½	GSC12	SSF-SV18	52-C-14-5/8	⅝	1	10
171-SV18-14	521711234E	2½	GSC12	SSF-SV18	52-C-14	¾	1	10
171-SV18-17	521711234E	2½	GSC12	SSF-SV18	52-C-17-25	½	2	10
171-SV18-1858	521711234E	2½	GSC12	SSF-SV18	52-C-18-5/8-25	⅝	2	10
171-SV18-18	521711234E	2½	GSC12	SSF-SV18	52-C-18	¾	2	10

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800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289

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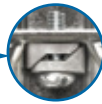
Pre-Fab Components and Assemblies

UL® Listed Adjustable Mud Ring
now available in both single-
and two-gang.

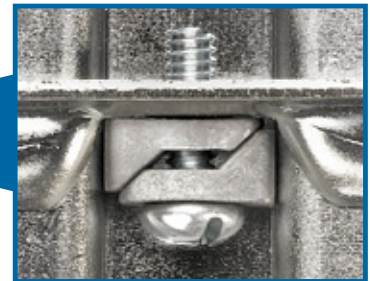
NEW!

Adjustable Mud Rings

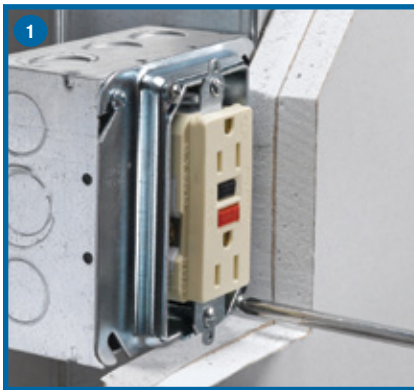
Mud Rings feature an inner ring that adjusts from 1/2" to 1 1/2" in depth to accommodate various drywall thicknesses. Marked with a measured rule and equipped with two adjustment screws, the inner ring can be set to the anticipated depth prior to installation and then easily adjusted after drywall installation to accommodate any variation in depth (1/2" to 1 1/2").



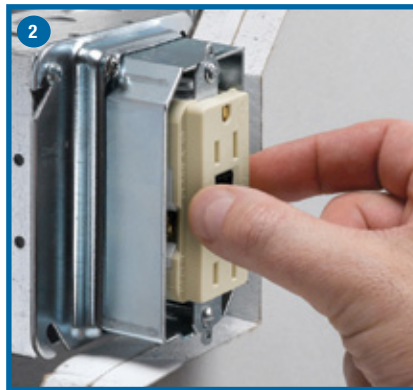
Wedge Locking Blocks
Designed to ensure grounding continuity



Adjustable Mud Ring Installation/Adjustment Steps:



Loosen...
The two adjustment screws located on opposing corners of the mud ring.



Adjust...
Inner ring to be flush with wall surface.



Re-tighten...
Adjustment screws.

CAT. NO.	DESCRIPTION	STD. CTN.
52-C-ADJ	Single-Gang Adjustable Mud Ring, 1/2" to 1 1/2"	25
52-C-ADJ2	Two-Gang Adjustable Mud Ring, 1/2" to 1 1/2"	20

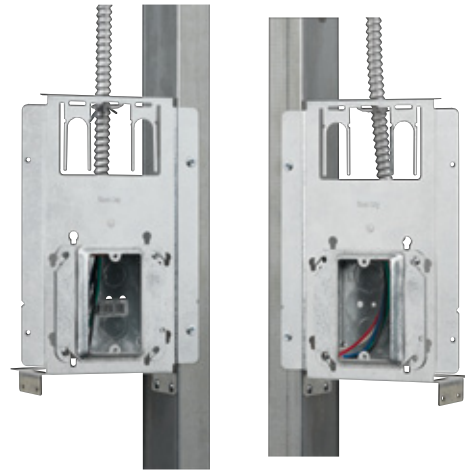
Pre-Fab Components and Assemblies

Three Products in One!

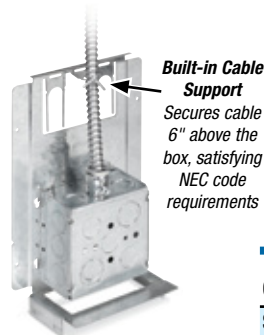
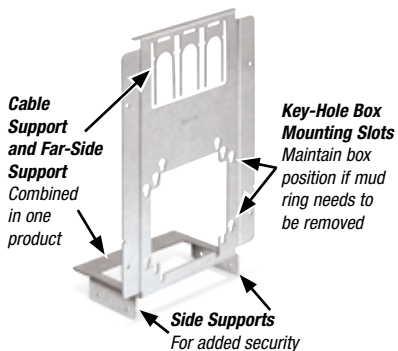
Pre-Fab Box Bracket with Far-Side and Cable Support

The savings can add up, particularly on a large job, when a box bracket, far-side support and cable support are combined in one product to reduce your labor and inventory costs. It is designed for maximum flexibility with flanges for either left or right stud mount, and compatibility with either 4" and 4 1/16" boxes.

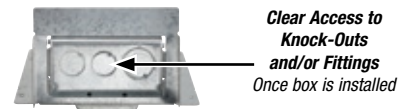
- Box bracket, far-side support and cable support combined in one product to reduce your labor and inventory costs
- Built-in cable support secures cable 6" above the box, satisfying NEC® code requirements
- Flexible design accommodates both 4" and 4 1/16" boxes
- Key-hole box mounting slots maintain box position if mud ring needs to be removed
- Provides clear access to knock-outs once the box is installed for installation of fittings
- Mounts to either side of the stud



Can be mounted either left or right of the stud



Back view of bracket with box, fitting and cable installed



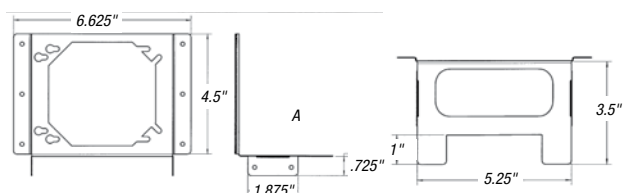
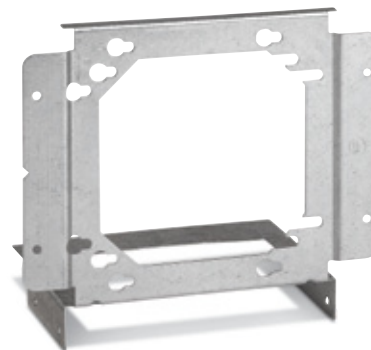
Bottom view of bracket with box installed

CAT. NO.	DESCRIPTION	STD. PKG. QTY.
SSF-SH2346-CS	Pre-Fab Box Bracket with Far-Side and Cable Support	50

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Mounting Bracket

- Attaches 4" and 4 1/16" electrical boxes to metal stud
- Support leg can be attached to stud to eliminate movement of box in wall
- Attaches to metal or wood stud using self-tapping screws and screw gun or nails
- One part mounts boxes for 1 1/2", 2 1/2", 3 1/2", 4" and 6" stud which means less inventory



CAT. NO.	DESCRIPTION	STD. CTN.
SSF-SH2346	4" & 4 1/16" outlet boxes to 2 1/2", 3 1/2", 4" & 6" metal studs	100

Pre-Fab Components and Assemblies

Box Mounting Brackets for Between Studs

- Supports electrical boxes, plaster rings or low-voltage devices from one bracket
- Accommodates 4" or 4¹/₁₆" boxes
- Bendable leg serves as a bracket stabilizer
- SB brackets allow box mounting in all four 90° orientations

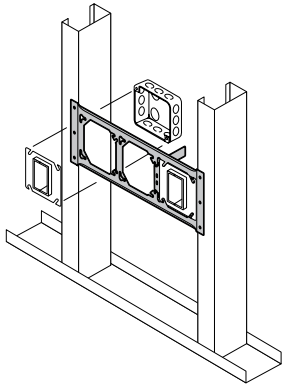


Fig. 1



Fig. 2

CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SB16	1	Box mounting bracket for between studs, 16" stud spacing	25
SSF-SB24	2	Box mounting bracket for between studs, 24" stud spacing	25

Screw-Gun Box Bracket

- Self-tapping screws are aligned with the dimples so that the box is straight
- Enables mounting of multiple boxes
- Depth set for 1¹/₂" - or 2¹/₈" -deep electrical box
- Installs easily with a screw gun
- SGA brackets have adjustable tabs for 1¹/₂"- or 2¹/₈"-deep boxes
- SGA brackets adjustable for non-standard stud spacing

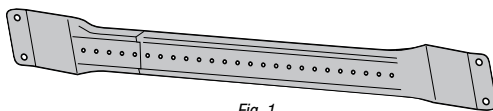
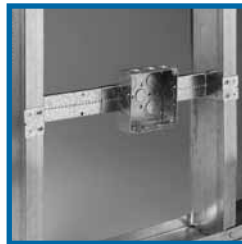


Fig. 1

CAT. NO.	FIG. NO.	DESCRIPTION	STUD SPACING	BOX DEPTH	STD. CTN.
SSF-SG16A	1	Adjustable box bracket	11"-18"	1 ¹ / ₂ " or 2 ¹ / ₈ "	50
SSF-SG24A	1	Adjustable box bracket	17"-26"	1 ¹ / ₂ " or 2 ¹ / ₈ "	50

Extension-Plate Bracket

- Improved bracket with bendable stabilizer leg for use on 2¹/₂" and 3¹/₂" metal studs
- Mounts outlet boxes 12" or 18" offset from either a metal stud track or a stud
- When mounted, drywall ring is brought to within 1/8" of drywall every time and will not bulge or break out drywall
- Mounts 4" or 4¹/₁₆" outlet boxes, 1¹/₂" or 2¹/₈" deep
- SV18 provides compliance with Americans with Disabilities Act (ADA) requirements



Fig. 1

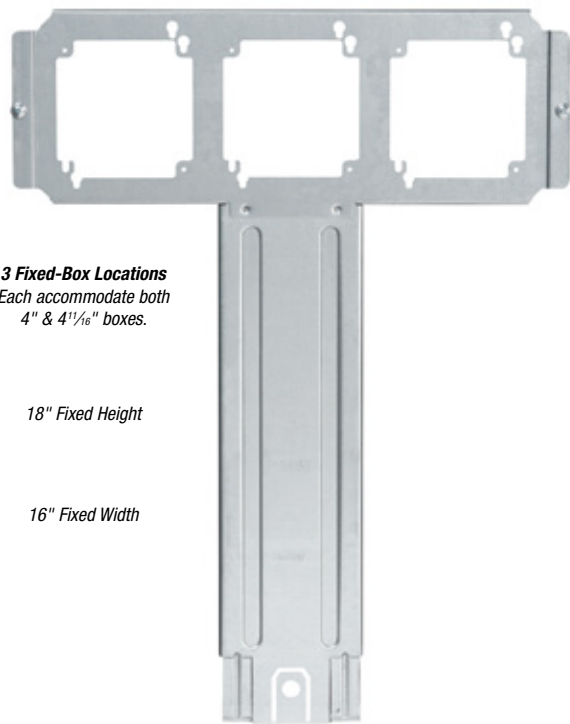
CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SV12	1	Extension plate bracket, 12" height	50
SSF-SV18	1	Extension plate bracket, 18" height	50

Pre-Fab Components and Assemblies

Consistent Box Locations and Box Height...Every Time!

Pre-Fab T Bracket

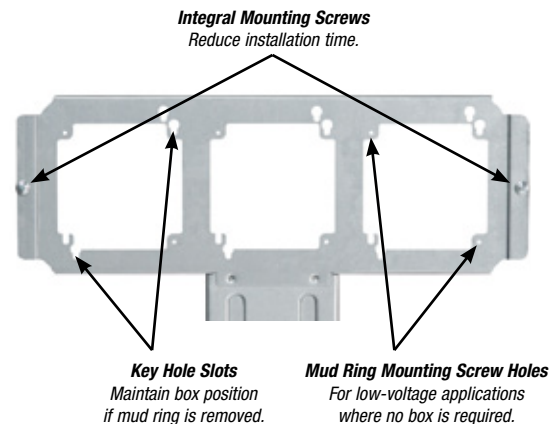
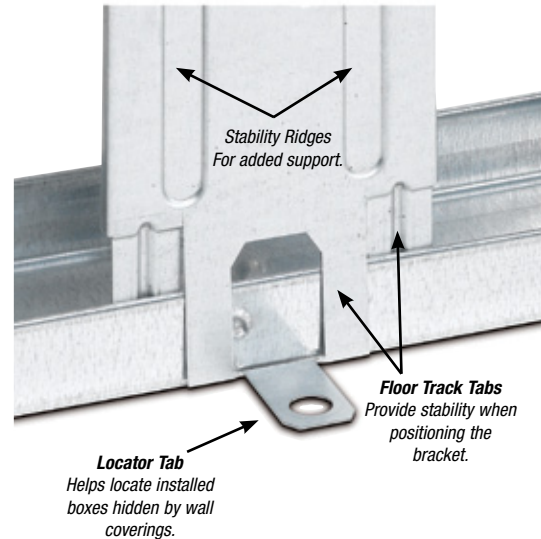
Consistency results in efficiency and labor savings on the job. With three fixed-box locations and a fixed height of 18", the new Steel City® Pre-Fab T Bracket provides a consistent installation every time. For added efficiency, the bracket includes integral mounting screws that help reduce installation time. A handy locator tab at the base of the bracket saves you the time of looking for installed boxes that have been hidden by wall coverings. The base also features unique floor track tabs. The inner tab slides in front of the floor track and the two outer tabs slide behind the floor track to provide stability when positioning the bracket.



3 Fixed-Box Locations
Each accommodate both 4" & 4 1/16" boxes.

18" Fixed Height

16" Fixed Width



Pre-Fab Box Bracket with Far-Side and Cable Support

CAT. NO.	DESCRIPTION	STD. CTN.
H16V18S	Pre-Fab T Bracket	10



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Pre-Fab Components and Assemblies

**Easily
Pre-Assembled
Off Site
for Faster
Installation
On Site!**

Pre-Fabricated Components

Rather than assembling box mounting brackets and device covers on site, keep an eye on profit and use Steel City® Pre-Fab Components to set up jobs off site for a quick and easy installation on site. They accommodate a wide variety of Steel City covers and they're readily available for fast-track projects.

- Ideal for use in hotels, casinos, hospitals, large office buildings and any other commercial or institutional application where rough-in products can be pre-fabricated to match floor plans for quicker on-site installation
- Items readily available for fast-track projects — no special lead time required
- All products are UL approved and meet applicable building codes

SB016 and SB024 Stud-to-Stud Horizontal Mounting Brackets

- Constructed of 24-gauge steel
- Pre-measured on center for 16" (SB016) or 24" (SB024) stud spacing
- SB016 accepts three 4" square or two 4¹/₁₆" boxes (deep or shallow)
- SB024 accepts five 4" square or four 4¹/₁₆" boxes (deep or shallow)
- Can be mounted at any height to meet individual project requirements
- Versatile, open design enables mounting of box in any location across horizontal plane between studs
- Device cover (mud ring) mounts to front of bracket to set box in desired location
- Stamped rule on bracket with ¼", ½" and 1" markings enables fast box setting



SB016 mounted to 16" studs with one 4" square box installed.



SB024 mounted to 24" studs with one 4" square box installed.



SB016 mounted to 16" studs with three 4" square boxes (full capacity) installed.



SB024 mounted to 24" studs with five 4" square boxes (full capacity) installed.



CAT. NO.	DESCRIPTION	STD. CTN.
SB016	16" stud-to-stud horizontal mounting bracket	25
SB024	24" stud-to-stud horizontal mounting bracket	25

Pre-Fab Components and Assemblies

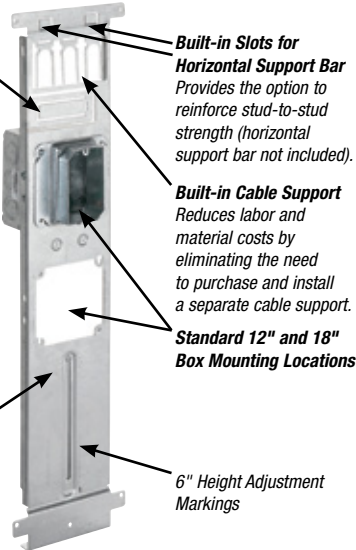
VAFB Vertically Adjustable Floor Brackets

Built-in Far-Side Support for Both 4" and 6" Studs
Stabilizes box and bracket assembly, providing versatility on the job and ease of installation.

UL Listed

Flexible Design
Accommodates both 4" and 4 1/16" boxes.

Single-Screw Vertical Height Adjustment
Up to 6 additional inches.



NEW!



Boxes & Covers — Steel City® Metallic Boxes

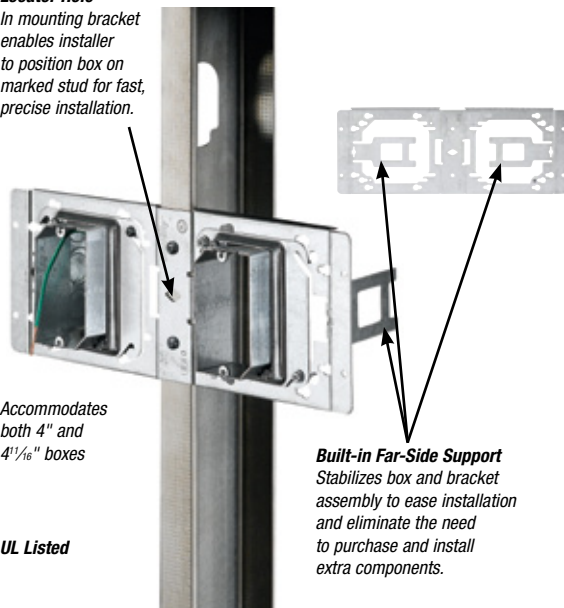
CAT. NO.	DESCRIPTION	STD. CTN.
VAFB	Pre-Fab Vertically Adjustable Floor Bracket	10

DBB1 Dual-Box Mounting Bracket

Locator Hole
In mounting bracket enables installer to position box on marked stud for fast, precise installation.

Accommodates both 4" and 4 1/16" boxes

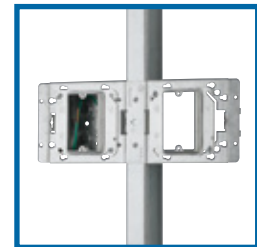
UL Listed



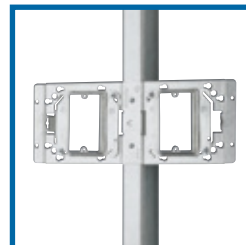
NEW!



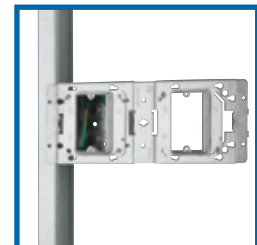
Power on Both Sides of the Stud



Power Left of Stud and Low Voltage Right of the Stud



Low Voltage on Both Sides of the Stud



Power and Low Voltage on the Same Side of the Stud

CAT. NO.	DESCRIPTION	STD. CTN.
DBB1	Pre-Fab Dual-Box Bracket	50

Pre-Fab Components and Assemblies

Meet Code Requirements for Supporting and Securing Installed MC Cable.



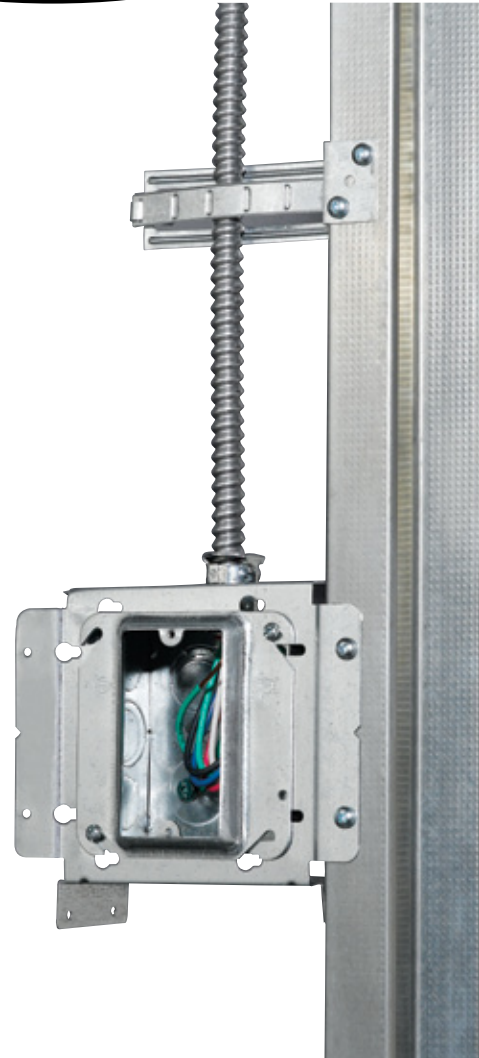
Cable Support Bracket

- Provides a simple means of complying with NEC® 330.30 requirements for securing and supporting MC cable
- Quick and easy locking tab snaps through slot to secure cable
- Ribs maintain separation of cables
- Durable steel construction retains integrity
- Versatile design — use with Romex or MC cable
- UL Listed



CAT. NO.	DESCRIPTION	STD. CTN.
CSB1	Cable Support Bracket	100

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Request Info



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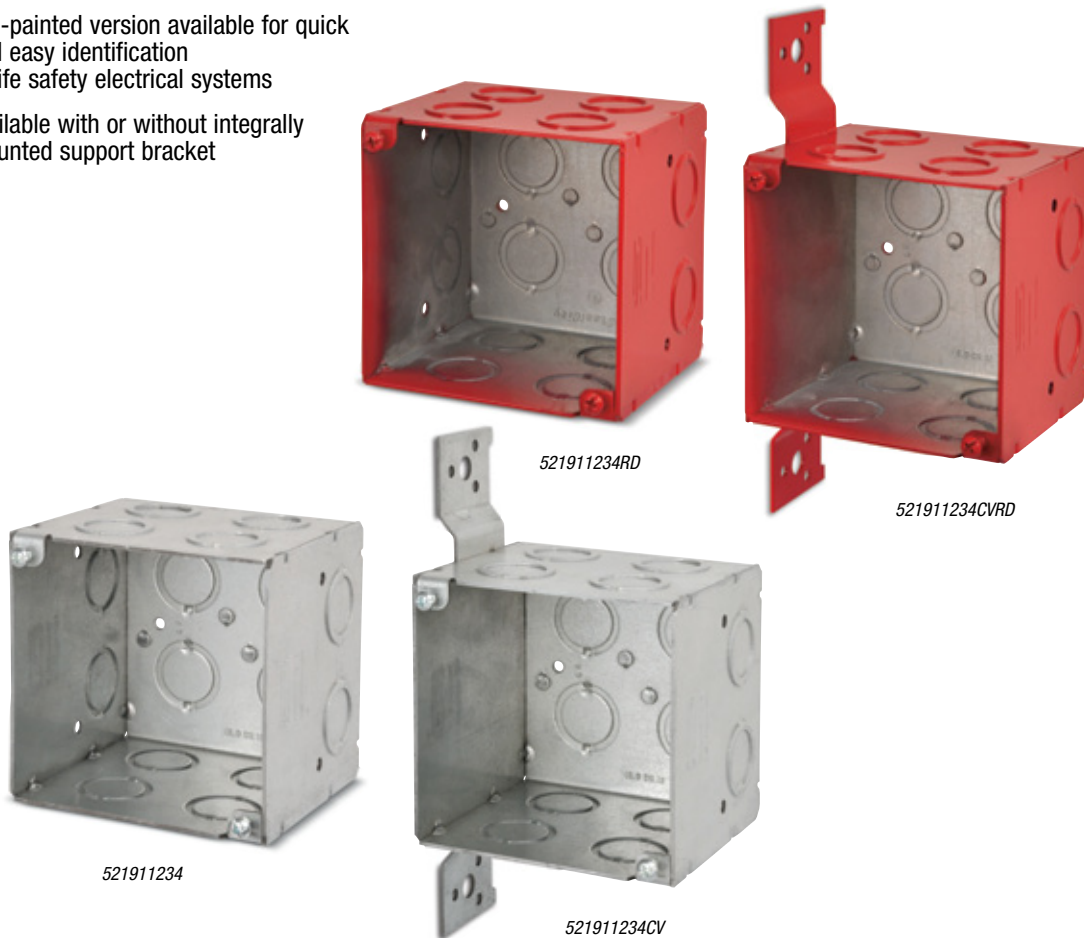
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Switch Boxes and Accessories

Steel City® Super Deep 4" Square Wall Boxes

- Increased capacity accommodates large devices in commercial and industrial applications, such as fire alarm systems
- Red-painted version available for quick and easy identification of life safety electrical systems
- Available with or without integrally mounted support bracket

NEW!



Boxes & Covers — Steel City® Metallic Boxes

CAT. NO.	DESCRIPTION	EARS	BRACKETS	EACH SIDE KO	EACH END KO	BOTTOM KO	CU. IN. CAPACITY	STD. CTN.
521911234RD	3½"-Deep, 4"-Square Red Box	—	—	(4) ½" & ¾" Combo	(2) ½" & ¾" Combo	(4) ½" & ¾" Combo	46	24
521911234CVRD	3½"-Deep, 4"-Square Red Box with Side Mounting Bracket	—	CV	(4) ½" & ¾" Combo	(2) ½" & ¾" Combo	(4) ½" & ¾" Combo	46	10
521911234	3½"-Deep, 4"-Square Box	—	—	(4) ½" & ¾" Combo	(2) ½" & ¾" Combo	(4) ½" & ¾" Combo	46	24
521911234CV	3½"-Deep, 4"-Square Box with Side Mounting Bracket	—	CV	(4) ½" & ¾" Combo	(2) ½" & ¾" Combo	(4) ½" & ¾" Combo	46	10



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Switch Boxes and Accessories

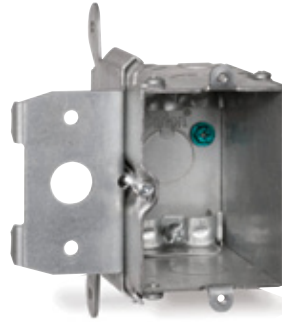
Easy Depth Adjustment After Wall Covering Installation.

Adjust-A-Box®

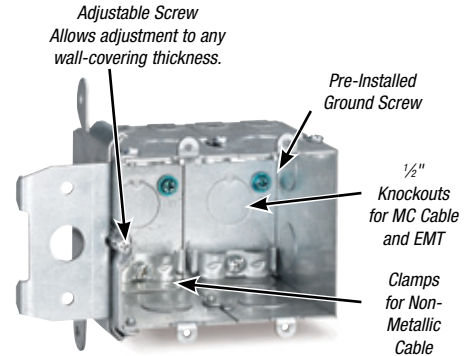
The Adjust-A-Box System adapts to a variety of wall coverings. Its unique design enables the installer to adjust the box to various depths with the turn of a screw.

Features:

- Unique design allows for adjustment of depth after the wall covering has been installed
- Adjusts to any wall covering
- Mounts square and secure every time
- Removes easily to enable inner-wall access
- Accommodates high- and low-voltage applications
- Pre-installed ground screw
- Accommodates non-metallic cable, flexible metal cable and EMT



MB120ADJ



MB238ADJ

Installation:

Screw bracket to stud



Single-Gang



Two-Gang

Adjust box in or out to any wall thickness



Single-Gang



Two-Gang



CAT. NO.	VOLUME (CU. IN.)	DESCRIPTION	KNOCKOUTS	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
MB120ADJ	20	One-Gang Adjustable Wall Box	1/2" (5)	2.20W x 3.28H x 3.52D	18	19.25
MB238ADJ	38	Two-Gang Adjustable Wall Box	1/2" (8)	4.01W x 3.28H x 3.52D	12	17.60

3 3/4" x 2" Switch Boxes

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	CLAMPS	EARS	BRKTS.	KNOCKOUTS	STD. CTN.
Non-Gangable							
SSV	1	6.5	—	—	Flat	2 pry-outs one end	25
SSQV	1	6.5	Yes	—	Flat	2 pry-outs one end with non-metallic cable clamps	25

Not UL Listed.



SSV

SSQV with non-metallic sheathed cable clamps

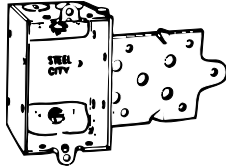


Switch Boxes and Accessories

3" x 2" Switch Boxes



SWB-25
Ears flush
for old work



811-SW-25
S bracket recessed 5/8"



LXMWOW-25
Ears flush
for old work



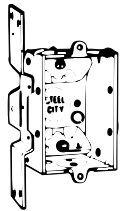
LCOW-25
Ears flush
old work



LCOWC
Adapts to any wall
thickness up to 3/4"



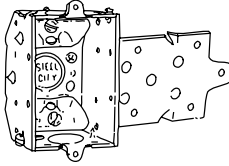
LCLE-25



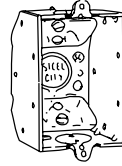
LCV-25
CV bracket
recessed 3/4"



LCNOW-25
Ears flush
for old work



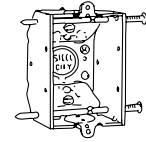
802-S
S bracket recessed 5/8"



A12-25



A12E-25
Ears flush



A16-25
With nails



LXWOW-25
Ears flush
for old work



LXWOWP



LXWLE-25



LXWOWC-25
Adapts to any wall
thickness up to 3/4"



LXWSV
SV bracket
recessed 7/16"



LXWV-25
CV bracket
recessed 7/8"

With Non-Metallic Sheathed Cable Clamps

CAT. NO.	DEPTH (IN.)	GANGABLE	CU. IN. CAPACITY	CLAMPS	EARS	BRKTS.	KNOCKOUTS (IN.)					STD. CTN.
							EA. END CONDUIT	EA. END CABLE	CABLE	BOTTOM CABLE	BOTTOM CONDUIT	
SWB-25	1½	—	7.5	C-5	Yes	—	—	2	—	2	—	25
811 SW-25	1½	—	7.5	C-5	—	S	—	2	—	2	—	50
LXMWOW-25	2	Yes	10.5	C-5	Yes	—	—	2	—	—	1-½	25
LCOW-25*	2¼	Yes	10.5	C-1	Yes	—	1-½	—	2	—	1-½	25
LCOWC*	2¼	Yes	10.5	C-1	Yes	—	1-½	—	2	—	1-½	25
LCLE-25*	2¼	Yes	10.5	C-1	—	—	1-½	—	2	—	1-½	25
LCV-25*	2¼	Yes	10.5	C-1	—	CV	1-½	—	2	—	1-½	25
LCNOW-25*	2¼	Yes	10.5	C-1	Yes	—	1-½	—	2	—	1-½	25
802 S*	2¼	Yes	10.5	C-1	—	S	1-½	—	2	—	1-½	25
A12-25	2¼	—	10.5	C-1	—	—	1-½	—	2	—	1-½	25
A12E-25	2¼	—	10.5	C-1	Yes	—	1-½	—	2	—	1-½	25
A16-25	2¼	—	10.5	C-1	—	—	1-½	—	2	—	1-½	25
LXWOW-25	2½	Yes	12.5	C-5	Yes	—	1-½	—	2	—	1-½	25
LXWOWP	2½	Yes	12.5	C-5	Yes	—	1-½	—	2	—	1-½	25
LXWLE-25	2½	Yes	12.5	C-5	—	—	1-1½	1-½	2	—	1-½	25
LXWOWC-25	2½	Yes	12.5	C-5	Yes	—	1-½	—	2	—	1-½	25
LXWSV	2½	Yes	12.5	C-5	—	SV	1-½	1-½	2	—	1-½	25
LXWV-25	2½	Yes	12.5	C-5	—	CV	1-½	1-1½	2	—	1-½	25

* Beveled corners.

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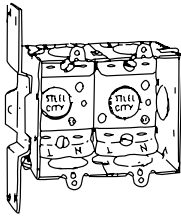
Request Info
✱ 🛒 🌐

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Switch Boxes and Accessories

3" x 2" Switch Boxes (continued)

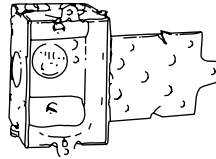
Boxes & Covers — Steel City® Metallic Boxes



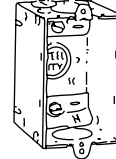
LXWV 2G
2-gang with CV
bracket recessed 1/8"



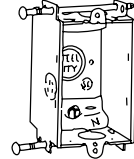
806 SW
S bracket recessed 1/8"



806 SW 1/4
S bracket recessed 1/8"



A254-25



A257-25
With nails slanted
for easy drive-in



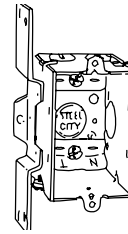
A-258
Without nails



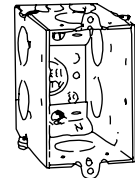
CWN-25
Ears flush



CWNLE



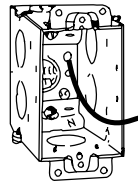
CWNV-25
CV bracket
recessed 1/8"



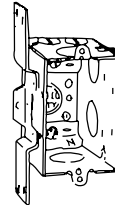
CXWLE



CXWOW
Ears flush
for old work



CXWOWP



CXWV
CV bracket
recessed 1/8"



CXWVP

With Non-Metallic Sheathed Cable Clamps (continued)

CAT. NO.	DEPTH (IN.)	GANGABLE	CU. IN. CAPACITY	CLAMPS	EARS	BRKTS.	KNOCKOUTS (IN.)					STD. CTN.
							EA. END CONDUIT	EA. END CABLE	CABLE	BOTTOM CABLE	BOTTOM CONDUIT	
LXWV 2G	2 1/2	Yes	12.5	C-5	—	CV	1-1/2	2-1/2	4	—	2-1/2	25
806 SW	2 1/2	Yes	12.5	C-5	—	S	1-1/2	1-1/2	2	—	1-1/2	25
806 SW 1/4	2 1/2	Yes	12.5	C-5	—	S	1-1/2	1-1/2	2	—	1-1/2	25
A254-25	2 1/2	—	12.5	C-5	—	—	—	1-1/2	2	—	1-1/2	25
A257-25	2 1/2	—	12.5	C-5	—	—	—	1-1/2	2	—	1-1/2	25
A-258	2 1/2	—	12.5	C-5	—	—	—	1-1/2	2	—	1-1/2	25
CWN-25	2 1/2	Yes	14.0	C-5	Yes	—	1-1/2	—	2	—	1-1/2	25
CWNLE	2 1/2	Yes	14.0	C-5	—	—	1-1/2	—	2	—	1-1/2	25
CWNV-25	2 1/2	Yes	14.0	C-5	—	CV	1-1/2	—	2	—	1-1/2	25
CXWLE	3 1/2	Yes	18.0	C-5	—	—	2-1/2	1-1/2	2	—	1-1/2	25
CXWOW	3 1/2	Yes	18.0	C-5	Yes	—	2-1/2	1-1/2	2	—	1-1/2	25
CXWOWP	3 1/2	Yes	18.0	C-5	Yes	—	2-1/2	1-1/2	2	—	1-1/2	25
CXWV	3 1/2	Yes	18.0	C-5	—	CV	2-1/2	1-1/2	2	—	1-1/2	25
CXWVP	3 1/2	Yes	18.0	C-5	—	CV	2-1/2	1-1/2	2	—	1-1/2	25

Switch Boxes and Accessories

3" x 2" Switch Boxes (continued)



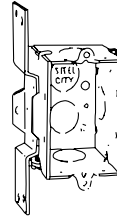
CDOW
Ears flush



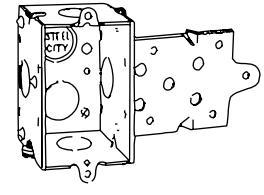
CDOWTG-25
Ears flush



CDLE-25



CDV-25
CV bracket
recessed 1/8"



804 S
S bracket recessed 3/8"



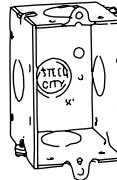
CW 1/2
Ears flush



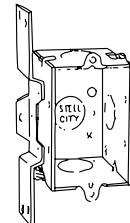
CW3/4-25
Ears flush



CWLE1/2-25



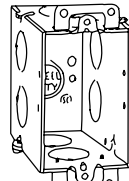
CWLE 3/4



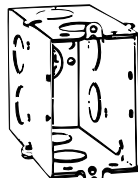
CWV 1/2
CV bracket
recessed 1/8"



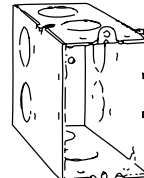
CY 1/2
Ears flush



CY 3/4
Ears flush



CYLE 1/2



CYLE 3/4

With Conduit KOs

CAT. NO.	DEPTH (IN.)	GANGABLE	CU. IN. CAPACITY	EARS	BRKTS.	KNOCKOUTS (IN.)			STD. CTN.
						EA. END CONDUIT	EA. END CABLE	BOTTOM CONDUIT	
CDOW	2 1/2	Yes	12.5	Yes	—	1 1/2	1 1/2	2 1/2	50
CDOWTG-25	2 1/2	Yes	12.5	Yes	—	1 1/2	1 1/2	2 1/2	25
CDLE-25	2 1/2	Yes	12.5	—	—	1 1/2	1 1/2	2 1/2	25
CDV-25	2 1/2	Yes	12.5	—	CV	1 1/2	1 1/2	2 1/2	25
804 S	2 1/2	Yes	12.5	—	S	1 1/2	1 1/2	2 1/2	25
CW 1/2	2 3/4	Yes	14.0	Yes	—	1-3/4	1-3/4	1-3/4	50
CW3/4-25	2 3/4	Yes	14.0	Yes	—	1-3/4	1-3/4	1-3/4	25
CWLE1/2-25	2 3/4	Yes	14.0	—	—	1-3/4	1-3/4	1-3/4	25
CWLE 3/4	2 3/4	Yes	14.0	—	—	1-3/4	1-3/4	1-3/4	25
CWV 1/2	2 3/4	Yes	14.0	—	CV	1-3/4	1-3/4	1-3/4	25
CY 1/2	3 1/2	Yes	18.0	Yes	—	2-3/4	2-3/4	1-3/4	25
CY 3/4	3 1/2	Yes	18.0	Yes	—	2-3/4	2-3/4	1-3/4	25
CYLE 1/2	3 1/2	Yes	18.0	—	—	2-3/4	2-3/4	1-3/4	25
CYLE 3/4	3 1/2	Yes	18.0	—	—	2-3/4	2-3/4	1-3/4	25

Switch Boxes and Accessories

3" x 2" Switch Boxes (continued)



LXMOV-25
Ears flush
for old work



LXOW-25
Ears flush
for old work



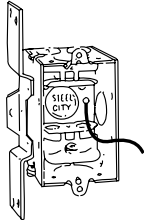
LXOWC-25
Adapts to 3/4"
wall thickness



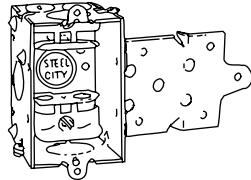
LXLE



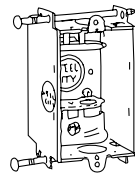
LXV-25
CV bracket
recessed 1/8"



LXVP



806 S
S bracket recessed 3/8"



A-256
With nails slanted
for easy drive-in



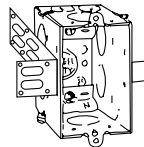
CWX-25
Ears flush



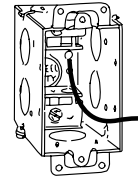
CWXV-25
CV bracket
recessed 1/8"



CX
Ears flush



CXLE-SSX
For metal stud



CXP



CXV
CV bracket
recessed 1/8"

With Armored Cable/Metal Clad Clamps

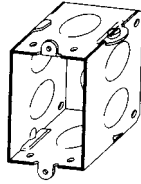
CAT. NO.	DEPTH (IN.)	GANGABLE	CU. IN. CAPACITY	CLAMPS	EARS	BRKTS.	KNOCKOUTS (IN.)				STD. CTN.
							EA. END CONDUIT	EA. END CABLE	CABLE	BOTTOM CONDUIT	
LXMOV-25	2	Yes	10.5	C-3	Yes	—	—	2	—	1-1/2	25
LXOW-25	2 1/2	Yes	12.5	C-3	Yes	—	1-1/2	—	2	1-1/2	25
LXOWC-25	2 1/2	Yes	12.5	C-3	Yes	—	1-1/2	—	2	1-1/2	25
LXLE	2 1/2	Yes	12.5	C-3	—	—	1-1/2	1-1/2	2	1-1/2	25
LXV-25	2 1/2	Yes	12.5	C-3	—	CV	1-1/2	1-1/2	2	1-1/2	25
LXVP	2 1/2	Yes	12.5	C-3	—	CV	1-1/2	1-1/2	2	1-1/2	25
806 S	2 1/2	Yes	12.5	C-3	—	S	1-1/2	1-1/2	2	1-1/2	25
A-256	2 1/2	—	12.5	C-3	—	—	—	1-1/2	2	1-1/2	25
CWX-25	2 3/4	Yes	14.0	C-3	Yes	—	1-1/2	—	2	1-1/2	25
CWXV-25	2 3/4	Yes	14.0	C-3	—	CV	1-1/2	—	2	1-1/2	25
CX	3 1/2	Yes	18.0	C-3	Yes	—	2-1/2	1-1/2	2	1-1/2	25
CXLE-SSX	3 1/2	Yes	18.0	C-3	No	SSX	2-1/2	1-1/2	2	1-1/2	25
CXP	3 1/2	Yes	18.0	C-3	Yes	—	2-1/2	1-1/2	2	1-1/2	25
CXV	3 1/2	Yes	18.0	C-3	—	CV	2-1/2	1-1/2	2	1-1/2	25

Switch Boxes and Accessories

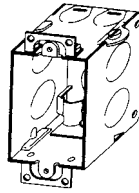
Gangable Switch Boxes — 2" Deep



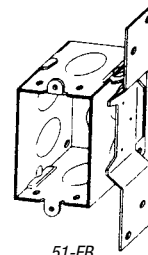
51



51-NE



51-LC

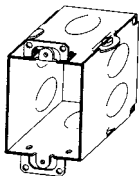


51-FB

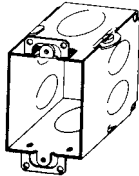
CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
51	10.0	2" deep x 3" long x 2" wide Two ½" KOs in each of two sides, one ½" KO in each end and two ½" KOs in bottom. Two nail holes in sides. Furnished with plaster ears*	50
51-NE	10.0	2" deep x 3" long x 2" wide Two ½" KOs in each of two sides, one ½" KO in each end and two ½" KOs in bottom. Two nail holes in sides*	50
51-LC	10.0	For Non-Metallic Cable, 2" deep x 3" long x 2" wide Two ½" KOs in each of two sides, two Loom KOs in each end and one ½" KO in bottom. Furnished with plaster ears. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Two nail holes in sides*	50
51-FB	10.0	2" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket on other side, one ½" KO in each end and two ½" KOs in bottom. Bracket offset ¼" from face*	50

*Uses Steel City® 100 series covers.

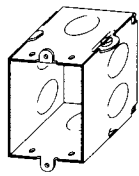
Gangable Switch Boxes — 2½" Deep



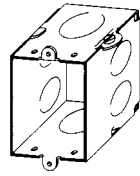
52



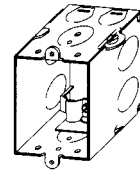
52-3/4-BW



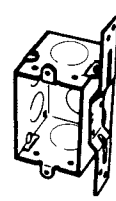
52-NE



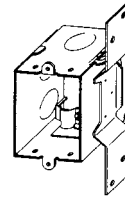
52-NE-3/4



52-LCNE



52-FB-3/4



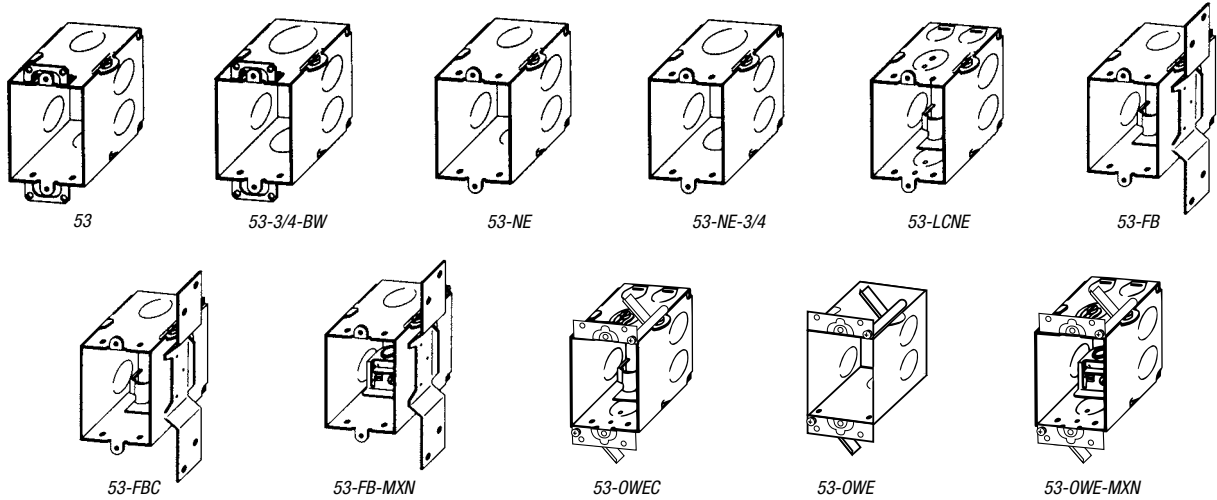
52-FBC

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
52	12.5	2½" deep x 3" long x 2" wide Two ½" KOs in each of two sides, one ½" KO in each end and two ½" KOs in bottom. Furnished with plaster ears. Four nail holes in sides*	50
52-3/4-BW	12.5	2½" deep x 3" long x 2" wide Two ½" KOs in each of two sides, one ¾" KO in each end and two ½" KOs in bottom. Furnished with plaster ears. Four nail holes in sides*	50
52-NE	12.5	2½" deep x 3" long x 2" wide Two ½" KOs in each of two sides, one ½" KO in each end and two ½" KOs in bottom. Four nail holes in sides*	50
52-NE-3/4	12.5	2½" deep x 3" long x 2" wide Two ½" KOs in each of two sides, one ¾" KO in each end and two ½" KOs in bottom. Four nail holes in sides*	50
52-LCNE	12.5	For Non-Metallic Cable, 2½" deep x 3" long x 2" wide Two ½" KOs in each side, two Loom KOs and one ½" KO in each end. One ½" KO in bottom. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Four nail holes in sides*	50
52-FB-3/4	12.5	2½" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket on other side, one KO in each end and two ¾" KOs in bottom. Flat bracket offset ¼" from face*	50
52-FBC	12.5	For Non-Metallic Cable, 2½" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket on other side, two Loom KOs and one ½" KO in each end and one ½" KO in bottom. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Flat bracket offset ¼" from face*	50

*Uses Steel City® 100 series covers.

Switch Boxes and Accessories

Gangable Switch Boxes — 2¾" Deep

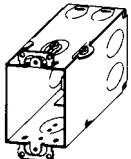


CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
53	14.0	2¾" deep x 3" long x 2" wide Two ½" KOs in each side, one ½" KO in each end and two ½" KOs in bottom. Furnished with plaster ears. Four nail holes in sides*	50
53-3/4-BW	14.0	2¾" deep x 3" long x 2" wide Two ½" KOs in each side, one ¾" KO in each end and two ½" KOs in bottom. Furnished with plaster ears. Four nail holes in sides*	50
53-NE	14.0	2¾" deep x 3" long x 2" wide Two ½" KOs in each side, one ½" KO in each end and two ½" KOs in bottom. Four nail holes in sides*	50
53-NE-3/4	14.0	2¾" deep x 3" long x 2" wide Two ½" KOs in each side, one ¾" KO in each end and two ½" KOs in bottom. Four nail holes in sides*	50
53-LCNE	14.0	For Non-Metallic Cable, 2¾" deep x 3" long x 2" wide Two ½" KOs in each side, two Loom KOs and one ½" KO in each end and one ½" KO in bottom. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Four nail holes in sides*	50
53-FB	14.0	2¾" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket on other side, one ½" KO in each end and two ½" KOs in bottom. Flat bracket offset ¼" from face*	50
53-FBC	14.0	For Non-Metallic Cable, 2¾" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket on other side, two Loom KOs and one ½" KO in each end and one ½" KO in bottom. Flat offset ¼" from face. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled*	50
53-FB-MXN	14.0	For Metal Clad Cable, 2¾" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket on other side, two Loom KOs and one ½" KO in each end, and one ½" KO in bottom. One MXN clamp for MC, AC/BX, and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screw. Clamp is UL Listed for use with cable sizes 14/2 through 10/3 with ground*	50
53-OWEC	14.0	For Non-Metallic Cable, 2¾" deep x 3" long x 2" wide Two ½" KOs in each side, two Loom KOs and one ½" KO in each end and one ½" KO in bottom. Furnished with plaster ears. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. With old-work swing brackets*	50
53-OWE	14.0	2¾" deep x 3" long x 2" wide Two ½" KOs in each side, one ½" KO in each end and two ½" KOs in bottom. Furnished with plaster ears. With old-work swing brackets*	50
53-OWE-MXN	14.0	For Metal-Clad Cable, 2¾" deep x 3" long x 2" wide Two ½" KOs in each side. Two Loom KOs and one ½" KO in each end and one ½" KO in bottom. One MXN clamp for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screw. Clamp is UL Listed for use with cable sizes 14/2 through 10/3 with ground. Furnished with plaster ears. With old-work swing brackets*	50

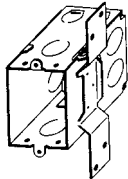
*Uses Steel City® 100 series covers.

Switch Boxes and Accessories

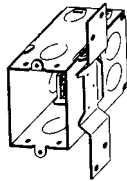
Gangable Switch Boxes — 3½" Deep



54-LC



54-FBC

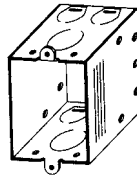


54-FB-MXN

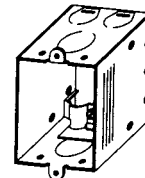
CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
54-LC	18.0	For Non-Metallic Cable 3½" deep x 3" long x 2" wide Two ½" KOs in each side, two Loom KOs and one ½" KO in each end and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled. Furnished with plaster ears. Four nail holes in sides*	50
54-FBC	18.0	For Non-Metallic Cable 3½" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket and two ½" KOs in other side, two Loom KOs and one ½" KO in each end and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled. Flat bracket offset ⅜" from face*	50
54-FB-MXN	18.0	For Metal Cable, 3½" deep x 3" long x 2" wide Two ½" KOs in one side, flat bracket and two ½" KOs in other side, two Loom KOs and one ½" KO in each end and one ½" KO in bottom. Two MXN clamps for MC, AC/BX, and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground. Flat bracket offset ⅜" from face*	50

*Uses Steel City® 100 series covers.

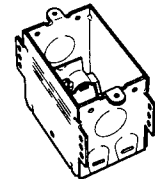
Welded Non-Gangable Switch Boxes — 2½" Deep



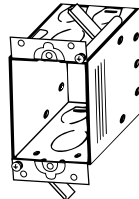
72



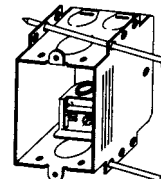
72-C



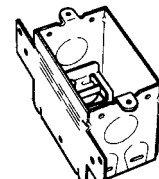
72-OC



72-OWE



72-ONS-MXN



72-FB-MXN

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
72	12.5	2½" deep x 3" long x 2" wide Two Loom KOs and one ½" KO in each end and one ½" KO in bottom. Four nail holes included*	50
72-C	12.5	For Non-Metallic Cable 2½" deep x 3" long x 2" wide Two Loom KOs and one ½" KO in each end and one ½" KO in bottom. Four nail holes included. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled*	50
72-OC	12.5	For Non-Metallic Cable 2½" deep x 3" long x 2" wide Two Loom KOs and one ½" KO in each end and one ½" KO in bottom. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Four nail holes included. Provisions for external nails included*	50
72-OWE	12.5	2½" deep x 3" long x 2" wide Two Loom KOs and one ½" KO in each end and one ½" KO in bottom. With old-work swing brackets*	50
72-ONS-MXN	12.5	For Metal-Clad Cable 2½" deep x 3" long x 2" wide Two Loom KOs and one ½" KO in each end and one ½" KO in bottom. One MXN clamp for MC, AC/BX and nonmetallic sheathed cable (NM) included with 10/32 deep-slotted screw. Clamp is UL Listed for use with cable sizes 14/2 through 10/3 with ground. Four nail holes included. Two 16-penny nails swaged at an angle in box*	50
72-FB-MXN	12.5	For Metal-Clad Cable 2½" deep x 3" long x 2" wide Two Loom KOs and one ½" KO in each end, one ½" KO in bottom and flat bracket on one side offset ⅜" from face. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground. Four nail holes included*	50

*Uses Steel City® 100 series covers.

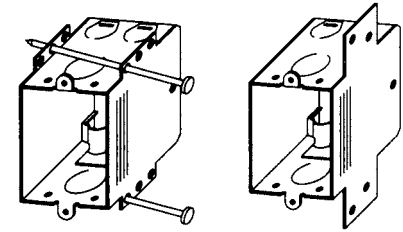
Boxes & Covers — Steel City® Metallic Boxes

Switch Boxes and Accessories

Welded Non-Gangable Switch Boxes — 2¹³/₁₆" Deep

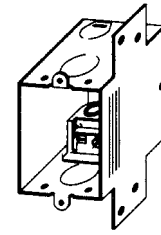
CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
73-ONCS	15.8	For Non-metallic Cable, 2¹³/₁₆" deep x 3" long x 2⁹/₁₆" wide Two Loom KOs and one 1/2" KO in each end and one 1/2" KO in bottom. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Two 16-penny nails swaged at an angle in box*	50
73-FBC	15.8	For Non-metallic Cable, 2¹³/₁₆" deep x 3" long x 2⁹/₁₆" wide Two Loom KOs and one 1/2" KO in each end, one 1/2" KO in bottom and flat bracket on one side offset 3/16" from face. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Four nail holes included*	50
73-FB-MXN	15.8	For Metal-Clad Cable, 2¹³/₁₆" deep x 3" long x 2⁹/₁₆" wide Two Loom KOs and one 1/2" KO in each end, one 1/2" KO in bottom and flat bracket on one side offset 3/16" from face. One MXN clamp for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screw. Clamp is UL Listed for use with cable sizes 14/2 through 10/3 with ground. Four nail holes included*	50

*Uses Steel City® 100 series covers.



73-ONCS

73-FBC

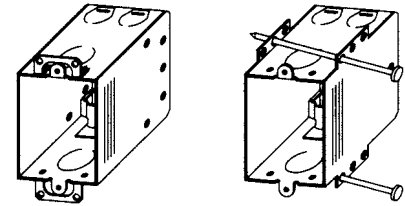


73-FB-MXN

Welded Non-Gangable Switch Boxes — 3" Deep

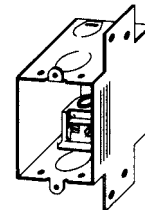
CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
74-CE	18	For Non-metallic Cable, 3" deep x 3" long x 2 1/4" wide Two Loom KOs and one 1/2" KO in each end and one 1/2" KO in bottom. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Furnished with ears. Four nail holes included*	50
74-ONCS	18	For Non-metallic Cable, 3" deep x 3" long x 2 1/4" wide Two Loom KOs and one 1/2" KO in each end and one 1/2" KO in bottom. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Two 16-penny nails swaged at an angle in box*	50
74-FBC	18	For Non-metallic Cable, 3" deep x 3" long x 2 1/4" wide Two Loom KOs and one 1/2" KO in each end, one 1/2" KO in bottom and flat bracket on one side offset 3/16" from face. One Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Four nail holes included*	50

*Uses Steel City® 100 series covers.



74-CE

74-ONCS

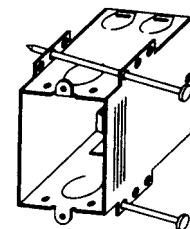


74-FBC

Welded Non-Gangable Switch Box — 3¹³/₃₂" Deep

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
75-ONCS	20.0	For Non-metallic Cable, 3¹³/₃₂" deep x 3" long x 2 1/4" wide Two Loom KOs and one 1/2" KO in each end and one 1/2" KO in bottom. Two Loom clamp for use on non-metallic sheathed cable with 10/32 deep-slotted screw assembled. Four nail holes included. Two 16-penny nails swaged at angle in box*.	50

*Uses Steel City® 100 series covers.



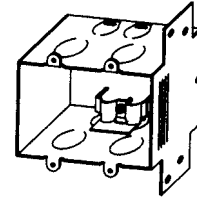
75-ONCS

Switch Boxes and Accessories

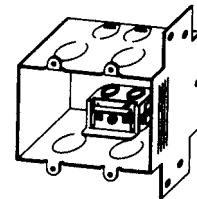
Welded Multi-Gangable Switch Boxes — 2½" Deep

CAT. NO.	CAPACITY	DESCRIPTION	STD. CTN.
271-FBC	25.0	A Two-Gang Box — For Non-Metallic Cable, 2½" deep x 3" long x 4" wide Two Loom KOs and two ½" KOs in each end, flat bracket on one side and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled. Flat bracket offset ⅜" from face*	25
271-FB-MXN	25.0	A Two-Gang Box — For Metal-Clad Cable, 2½" deep x 3" long x 4" wide Two Loom KOs and two ½" KOs in each end, flat bracket on one side and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground. Flat bracket offset ⅜" from face*	25

*Uses Steel City® SB-2 covers.



271-FBC



271-FB-MXN

Boxes & Covers — Steel City® Metallic Boxes

4" x 2½" Thru-Wall Box

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	BOX DEPTH (IN.)	STD. CTN.
With Conduit KOs for Plaster or Dry Wall				
CTDW	32.0	Drywall, partition type; one ½" and one ¾" KO both ends; one ½" KO on one side, V bracket other side	4⅝	25



CTDW

Switch Box Extension

CAT. NO.	DESCRIPTION	STD. CTN.
SBEX	Cubic content 3.5 inches; fits snugly inside of all single-gang switch boxes; maximum adjustable depth ⅞"; furnished with 1¼"-long screws for mounting	50

UL Listing not applicable — subject to approval by local inspector.



SBEX

Switch Boxes and Accessories

Old-Work Box Support

- Quickly attaches box through finished drywall
- For up to 1½" thick drywall
- New 820D shipped in one-piece break-apart design
- Easy to install

CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
820D	1	Old-work switch box steel-mounting holder	500 sets

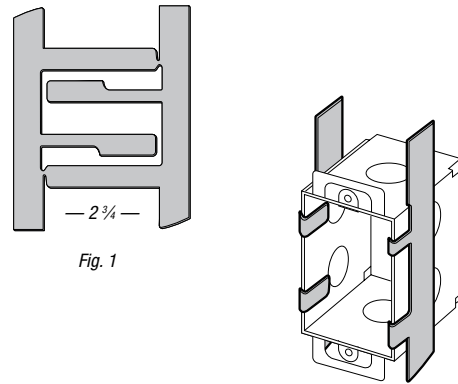


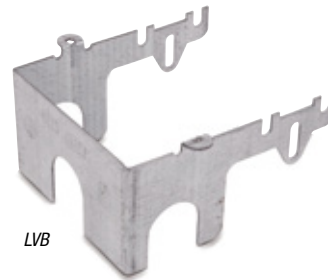
Fig. 1

Steel Low-Voltage Bracket

- Fixes to the switch box easily with the screws provided
- Works with any Steel City® switch box, regardless of depth
- Single-screw fixing as well as two-screw fixing
- Low-voltage cable support is provided by fitting location tabs
- UL Listed for low-voltage support



CAT. NO.	DESCRIPTION	BOX DEPTH (IN.)	STD. CTN.
LVB	Bracketed to T&B boxes; provides means of installing a low-voltage device alongside a regular switch or outlet	1½	25

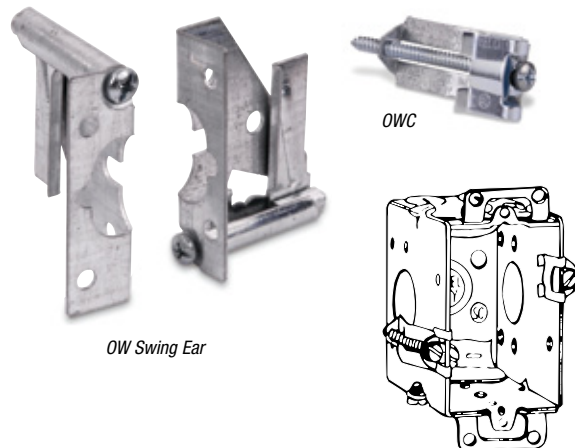


LVB

Old-Work Box Support Clips

- Adapts to any wall thickness up to ¾"

CAT. NO.	DESCRIPTION	STD. CTN.
OWC	Clips lock old-work steel switch boxes tightly to wall plaster, drywall, concrete block, brick or concrete. 2 required per box, (1 set)	250 sets
OW SWING EAR	Swing ears only (for field installations) with self-threading screws	50 (25 pair)



OW Swing Ear

Round/Octagon Boxes and Accessories

4" Round Boxes

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	KNOCKOUTS (IN.)	
				CONDUIT BOTTOM	STD. CTN.
With Conduit KOs					
56111	½	6.0	Steel outlet box	4-½	50
56111-CFB*	½	6.0	Ceiling fan box with plastic Romex connector included. NC501-SC	2-½	10

*Meets NEC® 314.27(c) up to 35 lb. fan.

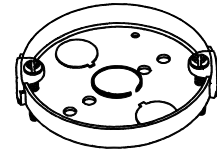
56111-CFB is shipped with plastic cover and all hardware.

50 lb. maximum loading for fixtures.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



56111



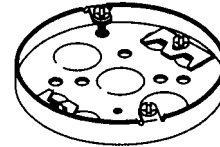
56111-CFB

4" Pancake Boxes

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
410-LC	5.8	For Non-Metallic Sheathed Cable, 4" diameter — ½" deep Three ½" KOs in a line and four Loom KOs at opposite ends in bottom. Furnished with two Loom clamps for non-metallic cable with 10/32 deep-slotted screws and two 8/32 x ½" screws in ears*	50

*Uses Steel City® 500 series covers.

50 lb. maximum loading for fixtures.

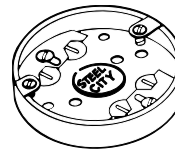


410-LC

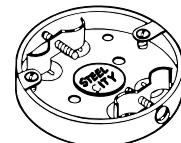
3½" Round Boxes

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	CLAMPS	KNOCKOUTS (IN.)		STD. CTN.
				BOTTOM CONDUIT	CABLE	
With Non-Metallic Sheathed Cable Clamps						
36115 C30	½	4.0	C-8	1-½	4	30
36125 D	¾	4.0	C-10	1-½	4	25

50 lb. maximum loading for fixtures.



36115 C30
Cover screws supplied



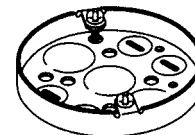
36125 D
Cover screws supplied

3¼" Pancake Boxes

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
210-L	4.0	For Non-Metallic Sheathed Cable, 3¼" diameter — ½" deep. Three ½" KOs in a line with four Loom KOs at opposite ends in bottom. Furnished with two 8/32 x ½" screws*	100

*Uses Steel City® 300 series covers.

50 lb. maximum loading for fixtures.



210-L

Covers for 3½" Round and Octagon Boxes

CAT. NO.	DESCRIPTION	STD. CTN.
24C1-25	Flat, blank	100
24-C-6	Flat with ½" KO	25



24C1-25



24-C-6

Round/Octagon Boxes and Accessories

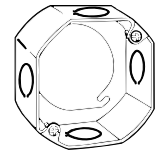
3½" Octagon Boxes

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	CLAMPS	KNOCKOUTS (IN.)					STD. CTN.
				EA. SIDE CLAMPS	EA. SIDE CONDUIT	EA. END CONDUIT	EA. END CABLE	BOTTOM CONDUIT	
With Conduit KOs									
241511/2-25	1½	11.8	—	—	1-½	1-½	—	1-½	50
25151 1/2	1½	11.8	—	—	1-½	1-½	—	—	50
With Non-Metallic Sheathed Cable Clamps									
24151N-25	1½	11.8	C-5	—	1-½	—	2	1-½	50
24151-NV	1½	11.8	C-5	—	1-½	—	2	1-½	50

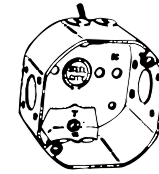
50 lb. maximum loading for fixtures.



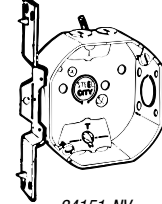
241511/2-25



25151 1/2

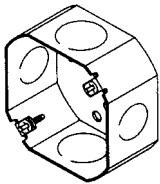


24151N-25

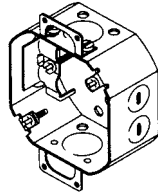


24151-NV
V bracket
recessed ½"

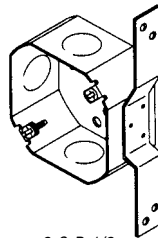
3½" Octagon Boxes



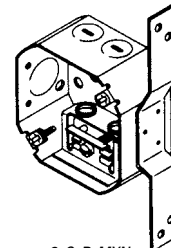
3-0-SPL



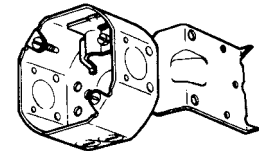
3-0-LCE



3-0-B-1/2



3-0-B-MXN



3-0-LCH

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	CONSTRUCTION TYPE	STD. CTN.
3-0-SPL	1½	11.8	One ½" KO in each of two opposite sides, one ¼" KO in other two sides and one ½" KO in bottom*	Drawn	50
3-0-LCE	1½	11.8	For Non-Metallic Sheathed Cable Two Loom KOs in each of two opposite sides, two ½" KOs in other two sides and one ½" KO in bottom. Two ears, one on each of two opposite sides. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled*	Drawn	50
3-0-B-1/2	1½	11.8	One ½" KO in each of three sides, flat bracket on fourth side, with one ½" KO in bottom. Flat bracket offset ½" from face*	—	50
3-0-B-MXN	1½	11.8	For Metal-Clad Cable Two Loom KOs in each of two opposite sides, one ½" KO in side opposite bracket and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground. Flat bracket offset ½" from face*	Drawn	50
3-0-LCH	1½	11.8	For Non-Metallic Sheathed Cable Two Loom KOs in each of two opposite sides, one ½" KO in other two sides and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled. Hanger bracket for overhead work*	Drawn	50

*Uses Steel City® 3½" octagonal extension rings and 300 series rings and covers.

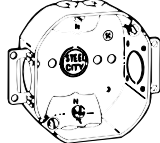
50 lb. maximum loading for fixtures.

Round/Octagon Boxes and Accessories

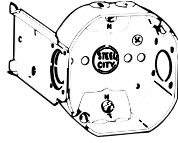
4" Octagon Boxes



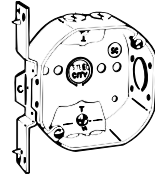
54151 N



54151 NE
Adjustable ears
recessed 3/8"



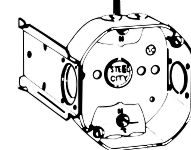
54151 NL
L bracket flush mounted



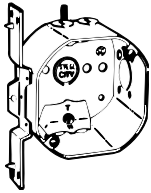
54151 NV
V bracket recessed 1/2"



54171N-25



54171 NL
L bracket mounted flush



54171NV-25
V bracket recessed 1/2"



54151 1/2



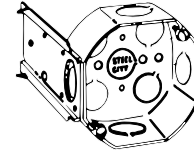
54151 3/4



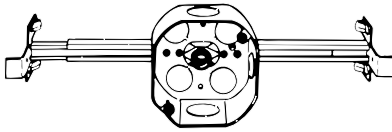
54151 1/2 & 3/4



54151 V 1/2
V bracket
recessed 1/2"



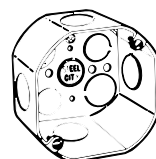
54151 L 1/2
L bracket flush mounted



54151 J 1/2 — Mounted on 6010-DW bar adjustable
10 1/2" to 18 1/2". Offset for 1/2", 3/4" or 5/8" plaster. Maximum
horizontal positioning. 3/8" fixture stud.



541711/2-25



54171 3/4



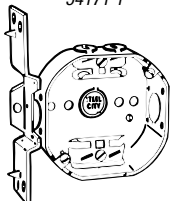
54171 1/2 3/4



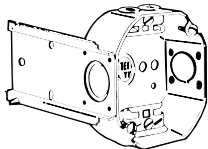
54171 1



54151 A



54151AV-25
V bracket recessed 1/2"



54151 AL
L bracket mounted flush

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	CLAMPS	BRKTS.	KNOCKOUTS (IN.)				STD. CTN.
					EA. SIDE CONDUIT	EA. END CONDUIT	EA. END CABLE	BOTTOM CONDUIT	
With Non-Metallic Sheathed Cable Clamps									
54151 N	1 1/2	15.8	C-5	—	1-1/2	—	2	1-1/2	50
54151 NE	1 1/2	15.8	C-5	—	1-1/2	—	2	1-1/2	50
54151 NL	1 1/2	15.8	C-5	L	1-1/2	—	2	1-1/2	50
54151 NV	1 1/2	15.8	C-5	V	1-1/2	—	2	1-1/2	50
54171N-25	2 1/8	22.5	C-5	—	1-1/2	—	2	1-1/2	50
54171 NL	2 1/8	22.5	C-5	L	1-1/2	—	2	1-1/2	50
54171NV-25	2 1/8	22.5	C-5	V	1-1/2	—	2	1-1/2	25
With Conduit KOs									
54151 1/2	1 1/2	15.8	—	—	1-1/2	1-1/2	—	5-1/2	50
54151 3/4	1 1/2	15.8	—	—	1-3/4	1-3/4	—	3-1/2	50
								2-3/4	
54151 1/2 & 3/4	1 1/2	15.8	—	—	1-1/2	1-3/4	—	3-1/2	50
								2-3/4	
54151 V 1/2	1 1/2	15.8	—	V	1-1/2	1-1/2	—	5-1/2	25
54151 L 1/2	1 1/2	15.8	—	L	1-1/2	1-1/2	—	5-1/2	25
54151 J 1/2	1 1/2	15.8	—	With bar hanger	1-1/2	1-1/2	—	4-1/2	25
541711/2-25	2 1/8	22.5	—	1-1/2"	1-1/2	—	5-1/2	50	—
54171 3/4	2 1/8	22.5	—	1-3/4"	1-3/4	—	3-1/2	25	—
								2-3/4	—
54171 1/2 3/4	2 1/8	22.5	—	1-1/2"	1-3/4	—	3-1/2	25	—
								2-3/4	—
54171 1	2 1/8	22.5	—	—	1-1	1-1	—	3-1/2	25
								2-3/4	—
With Armored Cable/Metal-Clad Clamps									
54151 A	1 1/2	15.8	C-3	—	1-1/2	—	2	1-1/2	25
54151AV-25	1 1/2	15.8	C-3	V	1-1/2	—	2	1-1/2	50
54151 AL	1 1/2	15.8	C-3	L	1-1/2	—	2	1-1/2	25

50 lb. maximum loading for fixtures.

Round/Octagon Boxes and Accessories

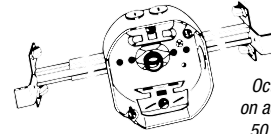
4" Octagon Boxes (continued)

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	BAR HANGER NUMBER	BAR LGTH. (IN.)	OFFSET FOR	STUD (IN.)	STD. CTN.
For Non-Metallic Sheathed Cable							
54151 NF	1½	15.8	6010-DW	10½–18½	—	¾	25
54151 NO	1½	15.8	6010-ADW	14½–26½	—	¾	25
54151 NG	1½	15.8	6011-DW	10½–18½	—	Fastener	25
54151 NP	1½	15.8	6011-ADW	14½–26½	—	Fastener	25
For Armored Cable/Metal Clad							
54151 AF	1½	15.8	6010-DW	10½–18½	Drywall	¾	25

50 lb. maximum loading for fixtures.

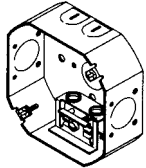


54151 NF
Octagon box mounted on adjustable bar hanger. 50 lb. load max rating.

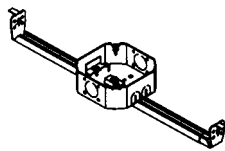


54151 AF
Octagon box mounted on adjustable bar hanger. 50 lb. load max rating.

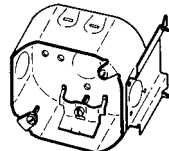
4" Octagon Boxes



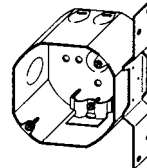
4-OW-MXN



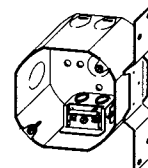
4-OW-LC-BHC



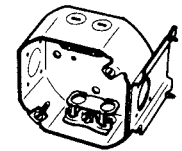
4-O-ULC



4-OD-LCB



4-OD-FB-MXN



4-OD-U-MXN

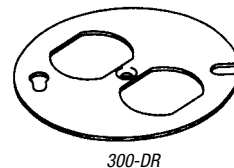
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	CONSTRUCTION TYPE	STD. CTN.
4-OW-MXN	1½	15.5	For Metal-Clad Cable Two Loom KOs in each of two opposite sides, one ½" KO in other two sides and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground*	Welded	50
4-OW-LC-BHC	1½	15.5	For Non-Metallic Sheathed Cable Two Loom KOs in each of two opposite sides, one ½" KO in other two sides. Box mounted with clip to adjustable hanger. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled*	Welded	25
4-O-ULC	1½	15.5	For Non-Metallic Sheathed Cable Two Loom KOs in each of two opposite sides, ½" KOs in other two sides and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled. U bracket for overhead work*	Drawn	50
4-OD-LCB	2½	21.5	For Non-Metallic Sheathed Cable Two Loom KOs in each of two opposite sides, one ½" KO in side opposite bracket and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled. Flat bracket offset ½" from face*	Drawn	25
4-OD-FB-MXN	2½	21.5	For Metal-Clad Cable Two Loom KOs in each of two opposite sides, one ½" KO in side opposite bracket and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground. Flat bracket offset ½" from face*	Drawn	25
4-OD-U-MXN	2½	21.5	For Metal-Clad Cable Two Loom KOs in each of two opposite sides, one ½" KO in other two sides and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground. U bracket for overhead work*	Drawn	25

*Uses Steel City® 4" octagonal extension rings and 500 series rings and covers. 50 lb. maximum loading for fixtures.

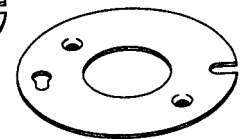
3" Octagon Box Covers

CAT. NO.	DESCRIPTION	STD. CTN.
300-DR	Flat — 3½" diameter For duplex receptacle in center. Screw-hole countersunk*	25
300-SR	Flat — 3½" diameter For single receptacle in center. Opening 1.4" in diameter. Screw-holes countersunk*	25

*Fits any Steel City® 3" octagonal outlet box or extension ring.



300-DR



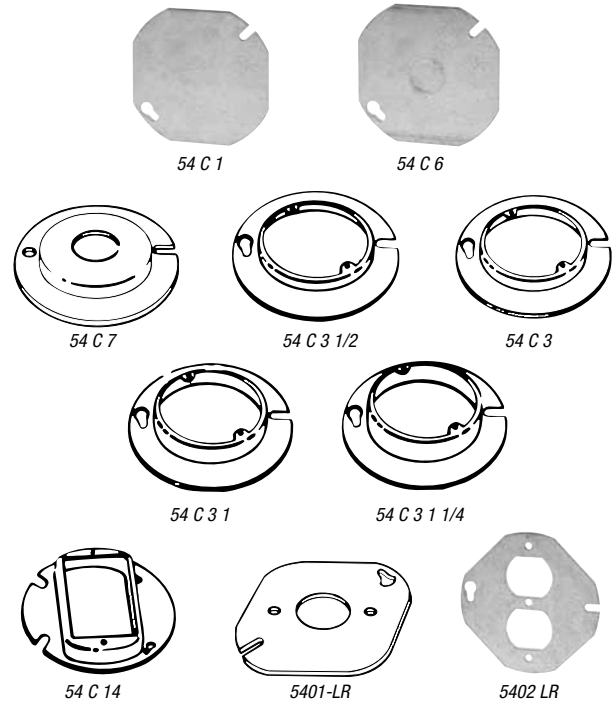
300-SR

Round/Octagon Boxes and Accessories

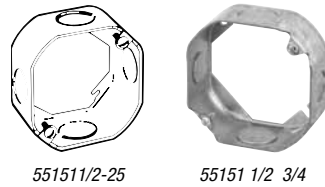
4" Round and Octagon Box Covers

CAT. NO.	RAISED (IN.)	DESCRIPTION	CU. IN. CAP.	STD. CTN.
54 C 1	—	Flat, blank	—	50
54 C 6	—	Flat, with 1/2" KO	—	50
54 C 7	5/8	With 1/2" KO	3.5	25
54 C 3 1/2	1/2	Center blanked with tapped ears on 2 3/4" centers	3.0	25
54 C 3	5/8	Center blanked with tapped ears on 2 3/4" centers	3.5	25
54 C 3 1	1	Center blanked with tapped ears 2 23/32" centers	5.8	25
54 C 3 1 1/4	1 1/4	Center blanked with tapped ears on 2 23/32" centers	7.3	25
54 C 14	5/8	For single device	3.5	25
5401-LR	—	Flat, center blanked for single receptacle — 1 13/32" dia. hole	—	25
5402 LR	—	Flat, center blanked for duplex receptacle	—	25

For swivel covers, see accessories section on [page A-46](#).

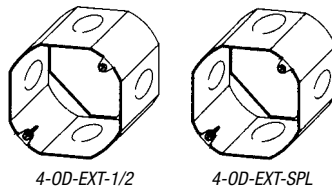


4" Octagon Box Extension Rings



CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUTS (IN.)		STD. CTN.
			EA. SIDE CONDUIT	EA. END CONDUIT	
<i>With Conduit KOs</i>					
551511/2-25	1 1/2	15.8	1-1/2	1-1/2	50
55151 1/2 3/4	1 1/2	15.8	1-1/2	1-3/4	25

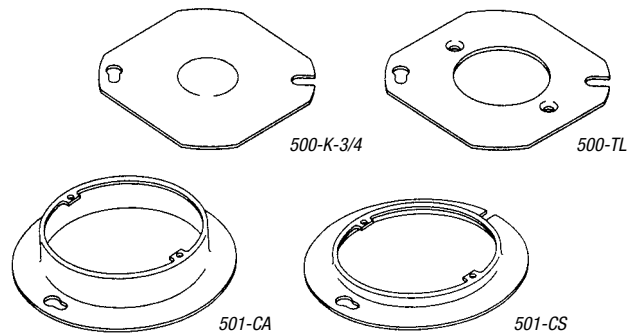
4" Octagon Box Extension Rings



CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	CONSTRUCTION TYPE	STD. CTN.
4-OD-EXT-1/2	2 1/2	21.5	Extension Ring One 1/2" KO in each of four sides*	Drawn	25
4-OD-EXT-SPL	2 1/2	21.5	Extension Ring One 1/2" KO in each of two opposite sides and one 3/4" KO in other two sides*	Drawn	25

*Uses Steel City® 4" octagonal outlet boxes and 500 series rings and covers.

4" Octagon Box Rings and Covers



CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
500-K-3/4	—	Flat — 4" octagonal One 3/4" KO in center*	50
500-TL	—	Flat — 4" octagonal Four-wire twistlock in center. Screw holes countersunk. Opening 1.594" diameter*	25
501-CA	4.5	3/4" raised — 4" diameter Open plaster ring with ears. Ears tapped 5/32-2 23/32" on centers. Special screw-lock feature in slots*	25
501-CS	1.5	1/4" raised — 4" diameter Open plaster ring with ears. Ears tapped 5/32-2 23/32" on centers. Special screw-lock feature in slots*	25

*Fits any Steel City® 4" octagonal outlet box or extension ring.

Ceiling Fan Boxes and Accessories

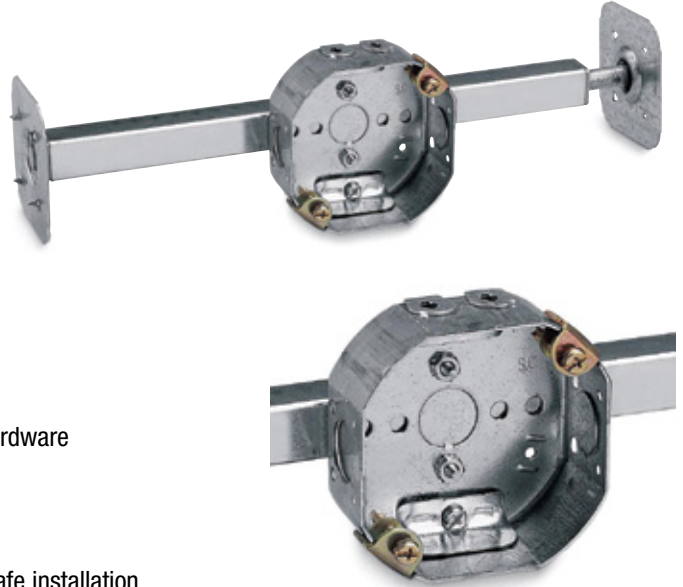
Fan and Fixture Support Steel and Non-Metallic Boxes and Bar Hangers for Fan and Fixture Installation

Exhaustive research and development has resulted in an innovative line of Ceiling Fan Support Boxes that give Thomas & Betts the competitive advantage. Ceiling fan and fixture installation is faster, easier and safer with Steel City® Ceiling Fan Support Boxes.

- Gold finish on ears/screws easily identifies boxes as meeting UL and NEC® requirements for fan support
- UL Listed up to 50 lbs. for fixture and 35 lbs. for fan
- Each box comes complete with instructions and installation hardware

Ceiling Fan and Light Fixture Bar Hanger

- Square end plates keep the bar parallel with sheetrock
- Square section tube is easy to grip, allowing high torque for safe installation
- UL Listed up to 50 lbs. for fixture and 35 lbs. for fan
- Expandable for joists spaced from 16 to 24 inches



Intended for retrofit installations, the unique design of the Old-Work Bar Hanger ensures a trouble-free installation that surpasses the competition.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

CAT. NO.	CAPACITY CU. IN.	DESCRIPTION	NEW/OLD WORK	STD. CTN.
54151CFB-BHL-OW	15.8	Old-Work Bar Hanger with 1½" deep ceiling fan box with 3 x ½" KOs and clamps for non-metallic sheathed cable	Old	10

Max. rec. loads 35 lbs. fan and 50 lbs. fixture.

Ceiling Fan Support Boxes



CAT. NO.	CAPACITY CU. IN.	DESCRIPTION	DIMENSIONS (IN.)		NEW/OLD WORK	STD. CTN.
			DIA.	DEPTH		
56111-CFB	6.0	Pan type ceiling fan box with 3 x ½" KOs and non-metallic sheathed cable connector	4	½	Both	10
54151-CFB	15.8	1½" deep ceiling fan box with 3 x ½" KOs and clamps for non-metallic sheathed cable	4	1½	New	10
54151-1/2-CFB-BP	15.8	1½" deep ceiling fan box with 5 x ½" KOs. Bulk pack	4	1½	New	50
54171-CFB	22.0	2½" deep ceiling fan box with 3 x ½" KOs and clamps for non-metallic sheathed cable	4	2½	New	10
54171-F-CFB*	22.0	As 54171-CFB, but with "F" style mounting bracket	4	2½	New	10
54171-1/2-F-CFB-BP	22.0	2½" deep ceiling fan box with 5 x ½" KOs and "F" style mounting bracket	4	2½	New	50

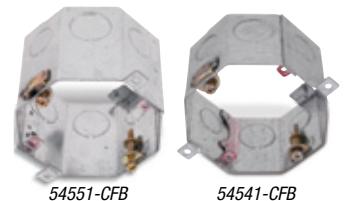


CAT. NO.	CLAMPS	EARS	BRKTS.	KNOCKOUTS (IN.)				STD. CTN.
				EA. SIDE CONDUIT	EA. END CONDUIT	EA. END CABLE	BOTTOM CONDUIT	
54541-CFB	2½" DP	—	Concrete ring	½-¾	—	—	—	50
54551-CFB	3" DP	—	Concrete ring	½-¾	—	—	—	50

Max. loads 35 lbs. fan and 50 lbs. fixture.

Cover — CBP or CBP-3/8. 35# fan rating, 50# fixture rated.

* Maximum load for 54171-F-CFB is 70 lbs. fan and 200 lbs. fixture.



Ceiling Fan Boxes and Accessories

Extra Heavy-Duty New-Work Bar Hangers Ceiling Fan and Light Fixture Bar Hangers

This innovative extruded-aluminum bar hanger was designed for strength. It is UL Listed for up to 70 lbs. for fan support and an industry-leading 200 lbs. for fixture support

- Gold end plates easily identify the hanger as meeting UL and NEC® requirements for fan support
- Screwed-on end plates are consistently strong and avoid unsightly welds
- End plates feature temporary fixing spikes for hands-free installation
- Expandable for joists spaced from 16 to 24 inches



Boxes & Covers — Steel City® Metallic Boxes



56111CFB-BHL



54151CFB-BHL



4070CFB-BHL



CFB-BHL



CAT. NO.	CAPACITY CU. IN.	DESCRIPTION	MAX. REC. LOAD		NEW/OLD WORK	STD. CTN.
			FAN	FIXTURE		
56111CFB-BHL	6.0	New-work bar hanger with ½" pan-type ceiling fan box with 3 x ½" KOs and non-metallic sheathed cable connector	70 lbs.	200 lbs.	New	10
54151CFB-BHL	15.8	New-work bar hanger with 1½" deep ceiling fan box with 3 x ½" KOs and clamps for non-metallic sheathed cable	70 lbs.	200 lbs.	New	10
4070CFB-BHL	21.5	New-work bar hanger with non-metallic ceiling fan box with clamps for non-metallic sheathed cable	35 lbs.	50 lbs.	New	10
CFB-BHL	*	New-work bar hanger without outlet box. Mounting bracket for outlet box included	—	*	New	10

* Dependent on box used.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Square Boxes and Accessories

Easy to identify and install!

Fire Alarm Boxes and Fittings

Steel City® Fire Alarm Boxes and Fittings can meet all of your visual identification requirements for fire alarm systems — and make installation and upgrades faster and easier than ever before! Available in a variety of sizes to accommodate new or old work configurations, these boxes are simple to install with high-quality Thomas & Betts fittings. Plus, the bright red finish eliminates time-consuming painting of existing fixtures and provides long-lasting identification in even the harshest environments.



52171-1234RD



72171-1234RD



52171-EXTRD



52-C-1RD



52151-1234RD



52171-CV-1234RD



52171-EXTOWRD



53171-1234RD

Fire Alarm Boxes



CAT. NO.	DESCRIPTION	EARS	BRACKETS	EACH SIDE CONDUIT	EACH END CONDUIT	BOTTOM CONDUIT	CU. IN. CAPACITY	STD. CTN.
52171-1234RD	2 1/8"-deep 4"-square red box	—	—	2 1/2", 1 1/2" & 3/4"E	2 1/2", 1 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	30.3	50
52151-1234RD	1 1/2"-deep 4"-square drawn red box	—	—	2 1/2", 1 3/4"	2 1/2", 1 3/4"	3 1/2", 2 3/4"	21.0	50
72171-1234RD	2 1/8"-deep 4 11/16" red box	—	—	3 1/2" & 3/4"E	3 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	42.0	20
52171-CV-1234RD	2 1/8"-deep 4"-square red box with CV bracket	—	CV	2 1/2", 1 1/2" & 3/4"E	2 1/2", 1 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	30.3	50
52171-EXTRD	2 1/8"-deep 4"-square red box with ext. ring	—	—	4 1/2", 2 1/2" & 3/4"E	4 1/2", 2 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	60.6	25
52171-EXTOWRD	2 1/8"-deep 4"-square red box with ext. ring and old work ears	Yes	—	4 1/2", 2 1/2" & 3/4"E	4 1/2", 2 1/2" & 3/4"E	3 1/2", 2 1/2" & 3/4"E	60.6	25
52 C 1RD	Flat 4"-square red cover	—	—	—	—	—	—	100
53171-1234RD	2 1/8"-deep 4"-square red extension ring	—	—	2 1/2", 1 1/2" & 3/4"E	2 1/2", 1 1/2" & 3/4"E	—	30.3	25
521911234RD	3 1/2"-deep 4"-square red box	—	—	4 x 1 1/2" & 3/4" Combo	2 x 1 1/2" & 3/4" Combo	4 x 1 1/2" & 3/4" Combo	46	24
521911234CVRD	3 1/2"-deep 4"-square red box w/side mounting bracket	—	CV	4 x 1 1/2" & 3/4" Combo	2 x 1 1/2" & 3/4" Combo	4 x 1 1/2" & 3/4" Combo	46	10

Fire Alarm Fittings



CAT. NO.	DESCRIPTION	STD. CTN.
TC121A-FA	1/2" Red Steel EMT Set Screw Connector	50
TC122A-FA	3/4" Red Steel EMT Set Screw Connector	50
TC123A-FA	1" Red Steel EMT Set Screw Connector	25
TC721A-FA	1/2" Red Insulated Steel EMT Set Screw Connector	50
TC722A-FA	3/4" Red Insulated Steel EMT Set Screw Connector	50
TC723A-FA	1" Red Insulated Steel EMT Set Screw Connector	25
TK121A-FA	1/2" Red Steel EMT Set Screw Coupling	50
TK122A-FA	3/4" Red Steel EMT Set Screw Coupling	50
TK123A-FA	1" Red Steel EMT Set Screw Coupling	25



TK122A-FA



TK121A-FA



TC122A-FA



TC121A-FA

Square Boxes and Accessories

4" Square Old-Work Box with Swing Ears

CAT. NO.	DESCRIPTION	STD. CTN.
52171-OW	Metallic 4"-Sq. x 2 1/8"D Old-Work Box with factory-mounted swing ears	25
OW SWING EAR	Swing Ears only (for field installation) with self-threading screws	50 (25 pair)



52171-OW



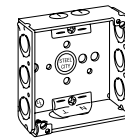
OW Swing Ears

4" Square Boxes

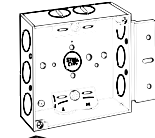
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	CLAMPS	BRKTS.	KNOCKOUTS (IN.)			STD. CTN.
					EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	
With Non-Metallic Sheathed Cable Clamps								
52151 N	1 1/2	21.0	C-5	—	2-1/2, 1-1/2, 3/4E	2	1-1/2	50
52151 MS N*	1 1/2	21.0	C-5	MS	2-1/2, 1-1/2, 3/4E	2	1-1/2	25
52151 BN*	1 1/2	21.0	C-5	B	2-1/2, 1-1/2, 3/4E	2	1-1/2	25
52151 VN*	1 1/2	21.0	C-5	SV	2-1/2, 1-1/2, 3/4E	2	1-1/2	25
52151 CVN*	1 1/2	21.0	C-5	CV	2-1/2, 1-1/2, 3/4E	2	1-1/2	25
52151 CVNP*	1 1/2	21.0	C-5	CV	2-1/2, 1-1/2, 3/4E	2	1-1/2	25
52171 N	2 1/2	30.3	C-5	—	2-1/2, 1-1/2, 3/4E	2	1-1/2	25
52171-VN*	2 1/2	30.3	C-5	SV	2-1/2, 1-1/2, 3/4E	2	1-1/2	25
With Conduit KOs								
52141-1/2	1 1/4	18.0	—	—	2-1/2	3-1/2	5-1/2	50
52151 1/2	1 1/2	21.0	—	—	3-1/2	3-1/2	5-1/2	50
52151-3/4	1 1/2	21.0	—	—	2-3/4	2-3/4	3-3/8, 2-3/4	50
52151 1/2 3/4	1 1/2	21.0	—	—	2-1/2, 1-3/4	2-1/2, 1-3/4	3-1/2, 2-3/4	50
521511234P	1 1/2	21.0	—	—	2-1/2, 1-3/4	2-1/2, 1-3/4	3-1/2, 2-3/4	50
52151-3/4-W	1 1/2	21.0	—	—	2-3/4	2-3/4	3-1/2, 2-3/4	50
52151B1234*	1 1/2	21.0	—	B	2-1/2, 1-1/2, 3/4E	2-1/2, 1-3/4, 3/4E	3-1/2, 2-1/2	25
52151-1/2 & 3/4-EW	1 1/2	21.0	—	—	2-1/2, 1-1/2, 3/4E	2-1/2, 1-1/2, 3/4E	3-1/2, 2-1/2, 3/4E	50
521511234EWGB (Ground bump)	1 1/2	21.0	—	—	2-1/2, 1-1/2, 3/4E	2-1/2, 1-1/2, 3/4E	2-1/2, 2-1/2, 3/4E	50
521511234EWGBP (Ground bump with 10 1/2" ground wire)	1 1/2	21.0	—	—	2-1/2, 1-1/2, 3/4E	2-1/2, 1-1/2, 3/4E	2-1/2, 2-1/2, 3/4E	50

* All Bracketed boxes come complete with eccentric knockouts.

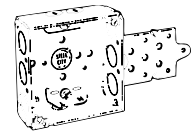
Per UL 514A, suitable for use without a bonding jumper in circuits above or below 250 volts. Pigtail wire is #12 AWG insulated, 10 1/2" long.



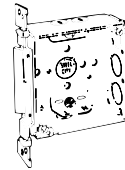
52151 N



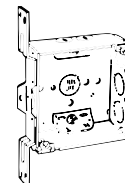
52151 MS N*
MS bracket for
1 1/2", 2 1/2", 3 1/2", 4"



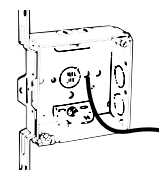
52151 BN*
B bracket
mounted flush



52151 VN*
SV bracket
mounted flush



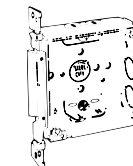
52151 CVN*
CV bracket
mounted flush



52151 CVNP



52171 N



52171-VN*
SV bracket
mounted flush



52141-1/2



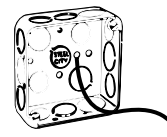
52151 1/2



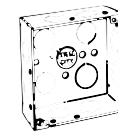
52151-3/4



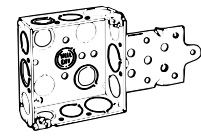
52151 1/2 3/4



521511234P



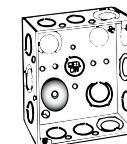
52151-3/4-W



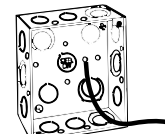
52151B1234
B Bracket mounted flush



52151-1/2 & 3/4-EW



521511234EWGB



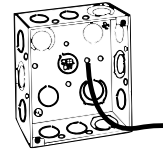
521511234EWGBP

Square Boxes and Accessories

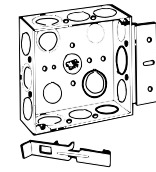
4" Square Boxes (continued)

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	CLAMPS	BRKTS.	KNOCKOUTS (IN.)			STD. CTN.
					EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	
With Conduit KOs (continued)								
521511234EWP*	1½	21.0	—	—	2-½, ¾E	2-½, ¾E	3-½, 2-½, ¾E	50
52151 MS 1/2 & 3/4*	1½	21.0	—	MS	2-½, ¾E	2-½, 1-¾, ¾E	3-½, 2-½, ¾E	25
52151-V-1/2 & 3/4*	1½	21.0	—	SV	2-½, ¾E	2-½, 1-¾, ¾E	3-½, 2-½, ¾E	25
52151 CV 3/4*	1½	21.0	—	CV	2-¾	2-¾	3-½	25
52151 CV 1/2 3/4*	1½	21.0	—	CV	2-½, ¾E	2-½, 1-¾, ¾E	3-½, 2-½, ¾E	25
52151DV12*	1½	21.0	—	DV	2-½, ¾E	3-½, ¾E	3-½, ¾E	25
521711234E	2½	30.3	—	—	2-½, 1-½, ¾E	2-½, 1-½, ¾E	3-½, 2-½, ¾E	50
521711234EP (With 10½" ground wire)	2½	30.3	—	—	2-½, 1-½, ¾E	2-½, 1-½, ¾E	2-½, 2-½, ¾E	50
52171 MS 1/2 3/4*	2½	30.3	—	MS	2-½, ¾E	2-½, 1-½, ¾E	3-½, 2-½, ¾E	25
52171MSP* (With 10½" ground wire)	2½	30.3	—	MS	2-½, ¾E	2-½, 1-½, ¾E	3-½, 2-½, ¾E	25
52171 3/4	2½	30.03	—	—	2-¾	2-¾	3-½, 2-¾	50
52171 1	2½	30.03	—	—	2-1	2-1	3-½, 2-¾	50
52171 V 1/2 & 3/4*	2½	30.03	—	SV	2-½, ¾E	2-½, 1-½, ¾E	3-½, 2-½, ¾E	25
52171-CV-1/2 & 3/4*	2½	30.03	—	CV	2-½, ¾E	2-½, 1-½, ¾E	3-½, 2-½, ¾E	25
52171-EW-SSX*	2½	30.03	—	SSX	—	—	—	—
521711234EP*	2½	30.03	—	v	2-½, 1-½, ¾E	2-½, 1-½, ¾E	3-½, 2-½, ¾E	25
52171-B-1/2 & 3/4	2½	30.03	—	—	2-½, ¾E	2-½, 1-½, ¾E	3-½, 2-½, ¾E	25

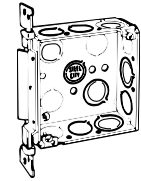
* All bracketed boxes come complete with eccentric knockouts. Per UL514A, suitable for use without a bonding jumper in circuits above or below 250 volts. Pigtail wire is #12 AWG insulated, 10½" long.



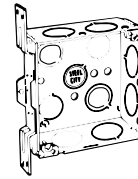
521511234EWP



52151 MS 1/2 & 3/4
For use on 1½", 2½", 3¾", 4" studs



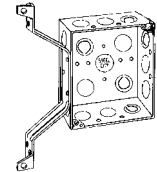
52151-V-1/2 & 3/4
SV Bracket
mounted flush



52151 CV 3/4
CV Bracket
mounted flush



52151 CV 1/2 3/4
CV Bracket
mounted flush



52151DV1/2
DV Bracket
provides offset



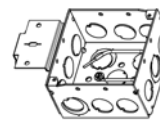
521711234E



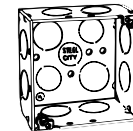
521711234EP



52171 MS 1/2 3/4*
MS bracket for 1½", 2½", 3¾", 4", 6" metal studs



52171MSP



52171 3/4



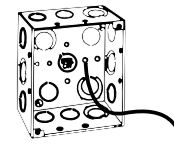
52171 1



52171 V 1/2 & 3/4
SV bracket
mounted flush



52171-CV-1/2 & 3/4
CV bracket
mounted flush



521711234EP

CAT. NO.	DESCRIPTION	EARS	BRACKETS	EACH SIDE KO	EACH END KO	BOTTOM KO	CU. IN. CAPACITY	STD. CTN.
521911234	3½"-deep 4"-square red box	—	—	4 x ½" & ¾" Combo	2 x ½" & ¾" Combo	4 x ½" & ¾" Combo	46	24
521911234CV	3½"-deep 4"-square red box w/side mounting bracket	—	CV	4 x ½" & ¾" Combo	2 x ½" & ¾" Combo	4 x ½" & ¾" Combo	46	10

Square Boxes and Accessories

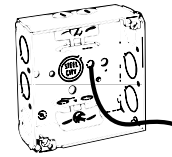
4" Square Boxes (continued)

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	CLAMPS	BRKTS.	KNOCKOUTS (IN.)			STD. CTN.
					EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	
With Armored Cable/Metal-Clad Clamps								
52151 X	1¼	21.0	C-3	—	2-½, 1-½, ¾E	2	1-½	50
52151XP	1¼	21.0	C-3	—	2-½, 1-½, ¾E	2	1-½	50
52151 BX*	1¼	21.0	C-3	B	2-½, 1-½, ¾E	2	1-½	25
52151 VX*	1¼	21.0	C-3	SV	2-½, 1-½, ¾E	2	1-½	25
52151 CVX*	1¼	21.0	C-3	CV	2-½, 1-½, ¾E	2	1-½	25
52151 MS X*	1¼	21.0	C-3	MS	2-½, 1-½, ¾E	2	1-½	25
For Armored Cable and Metal-Clad Cable Clamps								
52171 X*	2½	30.3	C-3	—	2-½, 1-½, ¾E	2	1-½	25
52171 MSX*	2½	30.3	C-3	MS	2-½, 1-½, ¾E	2	1-½	25
52171MSXP (With 10½" ground wire)	2½	30.3	C-3	MS	2-½, 1-½, ¾E	2	1-½	25
52171-CVX*	2½	30.3	C-3	CV-2	½-¾	—	—	25

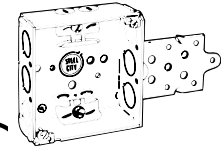
* All bracketed boxes come complete with eccentric knockouts. Per UL514A, suitable for use without a bonding jumper in circuits above or below 250 volts. Pigtail wire is #12 AWG insulated, 10½" long. All 52171 series boxes have a raised ground bump.



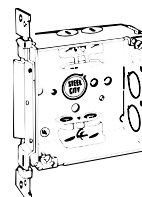
52151 X



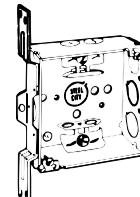
52151XP



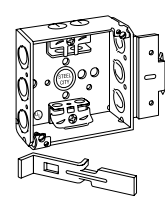
52151 BX*
B bracket
mounted flush



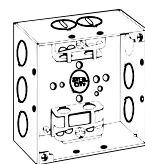
52151 VX*
SV bracket
mounted flush



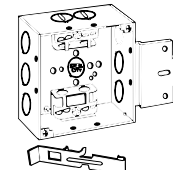
52151 CVX*
CV bracket
mounted flush



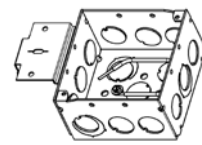
52151 MS X*
MS bracket for 1½",
2½", 3½", 4" metal studs



52171 X



52171 MSX*
MS bracket for 1½",
2½", 3½", 4" metal studs



52171MSXP*

CAT. NO.	DESCRIPTION	CLAMPS	EACH SIDE CONDUIT	EACH END CONDUIT	BOTTOM CONDUIT	CU. IN. CAPACITY	STD. PKG.
52171-EW-SSX	2½"-deep with conduit KOs	—	1½", 1½" & ¾"E	2½", 1½" & ¾"E	2½", 2½" & ¾"E	30	20
52151-EF-SSX	1½"-deep with conduit KOs	—	1½", 1½" & ¾"E	2½", 1½" & ¾"E	2½", 2½" & ¾"E	21	20
52171-X-SSX	2½"-deep with armored cable clamps	C3	1½", 1½" & ¾"E	2 Cable	1½"	30	20
52151-X-SSX	1½"-deep with armored cable clamps	C3	1½", 1½" & ¾"E	2 Cable	1½"	21	20
CXLESSX	3½"-deep with armored cable clamps	C3	2½"	1½" & 2 Cable	1½"	15	20

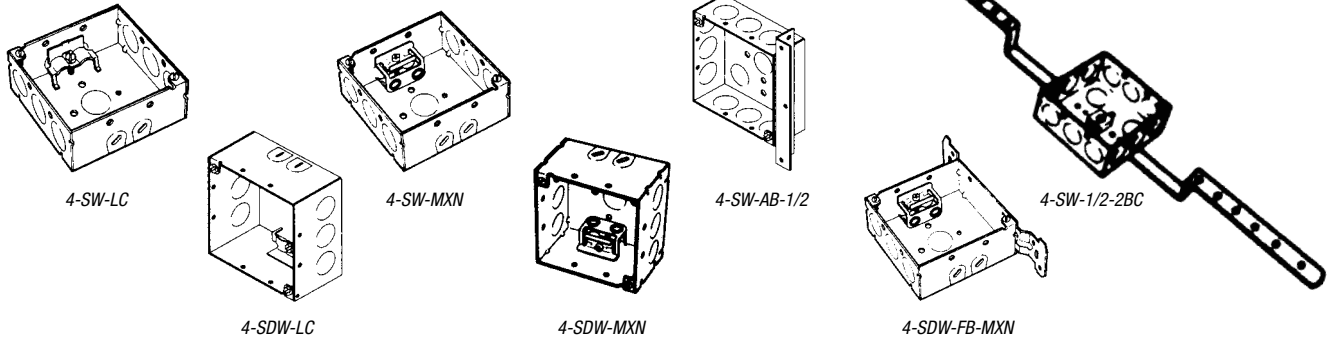
Vapor Tite Boxes

- All K.O.'s pressed flush but still easy to remove
- No holes anywhere
- Top edge of boxes are flush at ears so gasket seals out all air

CAT. NO.	DESCRIPTION	DEPTH	STD. PKG.
52151-SVT	4" Sq. Box, ½" and ¾" K.O. Side and Bottom	1½"	50
52G1-VT	4" Sq. Blank Cover with Gasket	Flat	50
52171-SVT	4" Sq. Box, ½" and ¾" K.O. Side and Bottom	2½"	25
72G1-VT	4½" Sq. Blank Cover with Gasket	Flat	50
72171-SVT	4½" Sq. Box, ½" and ¾" K.O. Side and Bottom	2½"	25
54151-VT	4" Sq. Box, ½" K.O. Side and Bottom	1½"	50
54G1-VT	4" Oct. and Round Box Blank Cover	Flat	50

Square Boxes and Accessories

4" Square Boxes



CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	CONSTRUCTION TYPE	STD. CTN.
4-SW-LC	1½	21.0	For Non-Metallic Sheathed Cable Two Loom KOs in each of two opposite sides, three ½" KOs in other two sides and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled*	Welded	50
4-SW-MXN	1½	21.0	For Metal-Clad Cable Two Loom KOs in each of two opposite sides, three ½" KOs in other two sides and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground*	Welded	50
4-SW-AB-1/2	1½	21.0	Three KOs in each of three sides, angle bracket on other side, and five ½" KOs in bottom. Angle bracket offset ¾" from top of box*	Welded	50
4-SW-1/2-2BC	1½	21.0	Three ½" KOs in each side and four ½" KOs in bottom. Mounted with clip on 2-BC bar hanger. Hanger is offset correct depth to set box flush with ceiling joist*	Welded	25
4-SDW-LC	2½	30.3	For Non-Metallic Sheathed Cable Two Loom KOs in each of two opposite sides, three ½" KOs in other two sides and one ½" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled*	Welded	25
4-SDW-MXN	2½	30.3	For Metal-Clad Cable Two Loom KOs in each of two opposite sides, three ½" KOs in other two sides and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground*	Welded	25
4-SDW-FB-MXN	2½	30.3	For Metal-Clad Cable Two Loom KOs in each of two opposite sides, three ½" KOs in side opposite flat bracket and one ½" KO in bottom. Two MXN clamps for MC, AC/BX and non-metallic sheathed cable (NM) included with 10/32 deep-slotted screws. Clamps are UL Listed for use with cable sizes 14/2 through 10/3 with ground*	Welded	25

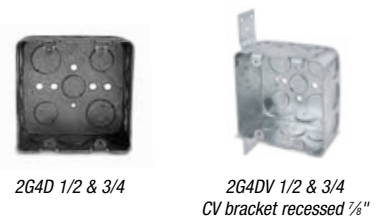
*Uses Steel City® 4" square extension rings and 400 series rings and covers.

4" Square Thru-Wall Box



CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUT (IN.)			STD. CTN.
			EA. SIDE CONDUIT	EA. END CONDUIT		
With Conduit KOs						
X1-1/2 & 3/4	1½	21.0	2-½, 1-¾	2-½, 1-¾		25

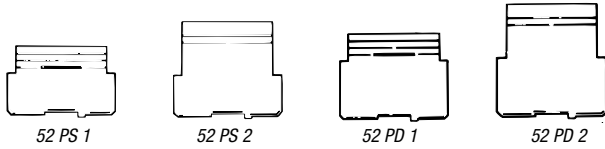
4" Square Two-Device Boxes



CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUTS (IN.)	KNOCKOUTS (IN.)			STD. CTN.
				EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	
With Conduit KOs							
2G4D 1/2 & 3/4	2½	30.3	—	2-½, 1-¾	2-½, 1-¾	3-½, 2-¾	25
2G4DV 1/2 & 3/4	2½	30.3	CV	2-½, 1-¾	2-½, 1-¾	3-½, 2-¾	25

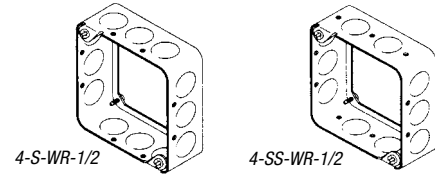
Square Boxes and Accessories

4" Square Box Partitions



CAT. NO.	DESCRIPTION	STD. CTN.
For 1½" Deep Box with Square-Cut Tile Wall Two-Device Covers		
52 PS 1	For ½", ¾" and 1" raised covers	25
52 PS 2	For 1¼", 1½" and 2" raised covers	25
For 2⅝" Deep Box with Square-Cut Tile Wall Two-Device Covers		
52 PD 1	For ½", ¾" and 1" raised covers	25
52 PD 2	For 1¼", 1½" and 2" raised covers	25

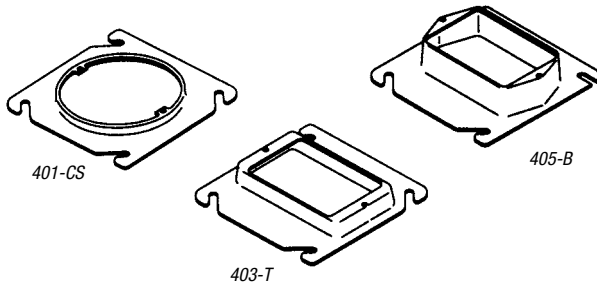
4" Square Wall Rings



CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	CONSTRUCTION TYPE	STD. CTN.
4-S-WR-1/2	1½	21.0	Wall Ring Three ½" KOs in each side. Four 8/32 screws furnished (two in top and two in bottom)*	Drawn	50
4-SS-WR-1/2	1½	18.0	Wall Ring Three ½" KOs in each of two opposite sides, two ½" KOs in other two sides. Four 8/32 screws furnished (two in top and two in bottom)**	Drawn	50

*For use with two Steel City® 403-O rings for back to back devices in 2" partitions.
**For use with two Steel City® 403-O rings for back to back devices in 1¼" partitions

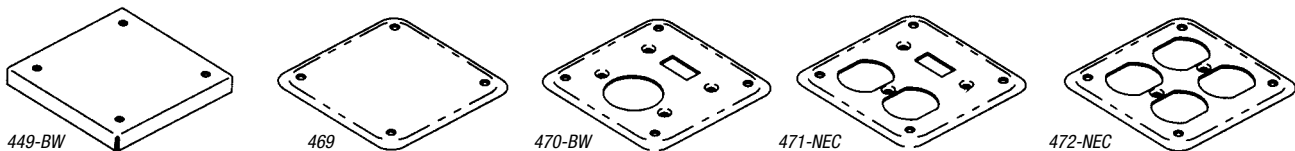
4" Square Rings and Covers



CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
401-CS	1.0	¼" raised — 4" square Open plaster ring with ears. Ears tapped 8/32-2 ²³ / _{32"} on centers. Special screw lock feature in slots*	25
403-T	3.5	Tile Ring, ½" raised — 4" square For single switch or receptacle. Ears tapped 8/32-2 ²³ / _{32"} on centers*	50
405-B	5.0	⅞" raised — 4" square For single switch or receptacle*	25

*Fits any Steel City® 4" square outlet box or extension ring.

4" Square Industrial Device Covers

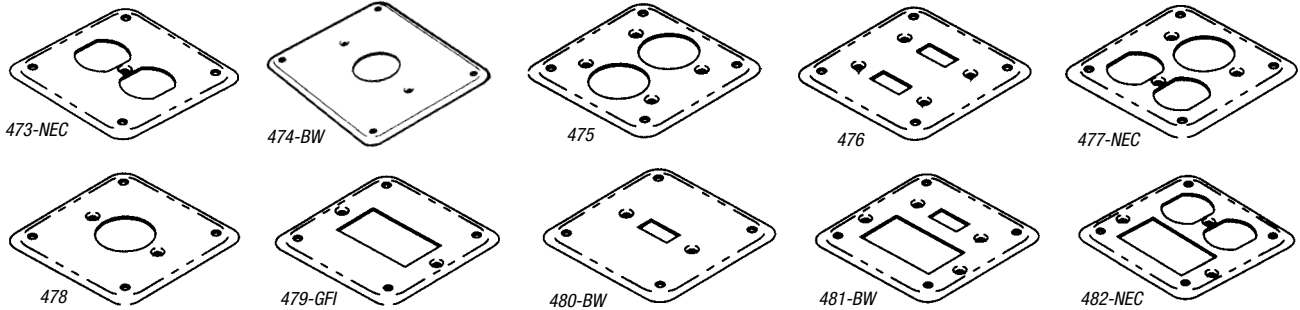


CAT. NO.	DESCRIPTION	STD. CTN.
449-BW	½" raised — 4" square Surface blank. Each cover individually packaged with the necessary screws for mounting*	25
469	⅛" raised — 4" square Surface blank. Each cover individually packaged with the necessary mounting screws*	25
470-BW	⅛" raised — 4" square For one toggle switch and one single receptacle. Opening 1.4" diameter. Each cover individually packaged with the necessary mounting screws*	25
471-NEC	⅛" raised — 4" square For one toggle switch and one duplex receptacle. Each cover individually packaged with the necessary mounting screws*	25
472-NEC	⅛" raised — 4" square For two duplex receptacles. Each cover individually packaged with the necessary mounting screws*	25

*Fits any Steel City® 4" square outlet box or extension ring.

Square Boxes and Accessories

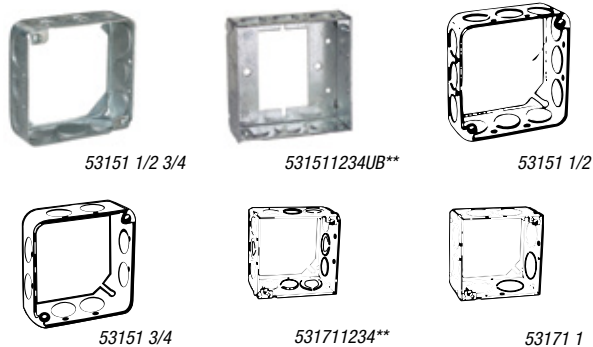
4" Square Industrial Device Covers (continued)



CAT. NO.	DESCRIPTION	STD. CTN.
473-NEC	1/8" raised — 4" square For one duplex receptacle in center. Each cover individually packaged with the necessary mounting screws*	25
474-BW	1/8" raised — 4" square For one single receptacle in center. Opening 1.4" diameter. Each cover individually packaged with the necessary mounting screws*	25
475	1/8" raised — 4" square For two single receptacles. Openings 1.4" diameter. Each cover individually packaged with the necessary mounting screws*	25
476	1/8" raised — 4" square For two toggle switches. Each cover individually packaged with the necessary mounting screws*	25
477-NEC	1/8" raised — 4" square For one duplex and one single receptacle. Opening 1.4" diameter. Each cover individually packaged with the necessary mounting screws*	25
478	1/8" raised — 4" square For one four-wire twist lock receptacle in center. Opening 1.594" diameter. Each cover individually packaged with the necessary mounting screws*	25
479-GFI	1/8" raised — 4" square For one GFI receptacle in center. Each cover individually packaged with the necessary mounting screws*	25
480-BW	1/8" raised — 4" square For one toggle switch in center. Each cover individually packaged with the necessary mounting screws*	25
481-BW	1/8" raised — 4" square For one GFI receptacle and one toggle switch. Each cover individually packaged with the necessary mounting screws*	25
482-NEC	1/8" raised — 4" square For one GFI and one duplex receptacle. Each cover individually packaged with the necessary mounting screws*	25

*Fits any Steel City® 4" square outlet box or extension ring.

4" Square Extension Rings



CAT. NO.	KNOCKOUTS (IN.)		STD. CTN.
	EA. SIDE CONDUIT	EA. END CONDUIT	
1 1/2" Deep — with Conduit KOs — 21.0 Cubic Inch Capacity			
53151 1/2	3-1/2	3-1/2	50
53151 3/4	2-3/4	2-3/4	25
53151 1/2 3/4	2-1/2, 1-3/4	2-1/2, 1-3/4	50
531511234UB**	2-1/2, 1-1/2, 3/4E	2-1/2	50

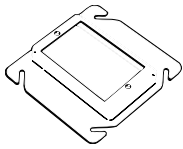
2 1/2" Deep — with Conduit KOs — 30.3 Cubic Inch Capacity			
531711234*	2-1/2, 1-1/2, 3/4E	2-1/2, 1-3/4	25
53171 1	2-1	2-1	25

* Per UL 514-A, suitable for use without a bonding jumper in circuits above or below 250 volts.

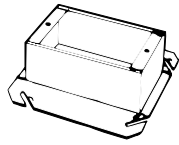
** ECC, KOs on sides.

Square Boxes and Accessories

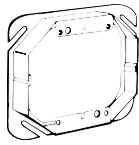
4" Square-Cut Tile Wall Covers



52 C 49 1/2



52C5011/2-25



52 C 52 1/2

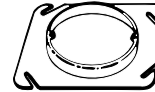
CAT. NO.	RAISED (IN.)	DESCRIPTION	CU. IN. CAP.	STD. CTN.
For Single Device — Steel				
52 C 49 1/2*	1/2	—	3.5	50
52-C-49-3/4*	3/4	—	5.3	50
52-C-49-1*	1	—	7.0	10
52-C-49-1-1/4	1 1/4	—	9.3	10
52C5011/2-25	1 1/2	—	11.0	25
52C512-25	2	—	14.8	25
For Two Devices — Steel				
52 C 52 1/2	1/2	—	6.0	10
52-C-52-3/4	3/4	—	9.0	10
52-C-52-1	1	Square corners	12.5	10
52-C-52-1-1/4	1 1/4	facilitate tile installation	15.5	10
52 C 53 1 1/2	1 1/2	—	19.0	10
52 C 54 2	2 5/64	—	25.5	10

* Drawn style.

4" Square Covers



52 C 1



52 C 3 1



52 C 6



CAT. NO.	RAISED (IN.)	DESCRIPTION	CU. IN. CAP.	STD. CTN.
52 C 1	—	Flat, blank	—	100
52-C-3-25	5/8	Center blanked with tapped	4.3	25
52-C-3-1/2-25	1/2	ears on 2 3/4" centers	3.5	25
52-C-3-3/4	3/4	Center blanked with	4.3	25
52 C 3 1	1	tapped ears on	5.8	25
52-C-3-1-1/4	1 1/4	2 23/32" centers	7.3	25
52 C 6	—	Flat, with 1/2" KO	—	100

4" Square Device Covers



52 C 16



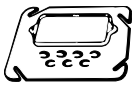
52 C 19



52 C 21



52 C 0



52 C 10



52 C 14



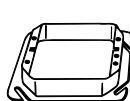
52-C-36



52 C 00



52-C-17-25



52 C 21

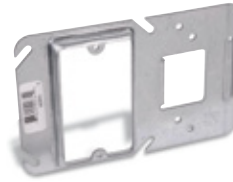
CAT. NO.	RAISED (IN.)	DESCRIPTION	CU. IN. CAP.	STD. CTN.
For Single Device — Steel				
52 C 0	—	Flat	—	25
52 C 62	1/4	Keyed for plaster	1.5	25
52 C 10	1/4	Offset, keyed for plaster	1.0	25
52 C 13	1/2	—	3.0	50
52 C 14	3/4	—	5.0	50
52 C 14 5/8	5/8	—	4.0	50
52 C 15	1	—	7.0	25
52 C 16	1 1/4	—	8.3	25
52-C-36	1/4	For drywall construction	1.0	25
For Two Devices				
52 C 00	—	Flat	—	25
52C20-25	1/4	—	2.3	25
52-C-17-25	1/2	—	6.3	25
52 C 18	3/4	—	9.0	25
52-C-18-5/8-25	5/8	For drywall construction	7.3	25
52 C 19	1	—	12.0	25
52 C 21	1 1/4	—	15.0	25
52 C 37	1/8	—	2.3	25

Square Boxes and Accessories

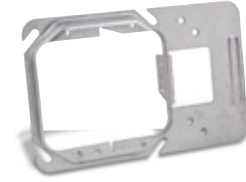
Box Support Covers

Steel City® Box Support Covers combine a box-to-stud mounting bracket with a device cover in one, easy-to-use product. Designed for use with 4" square boxes, Steel City® Box Support Covers can be used with both steel and wood studs.

- Combines cover and bracket in one component
- Available in one- and two-device versions
- ½", ⅝" and ¾" raised covers
- Speeds installation time
- Needs no far side support
- Can be used with both steel and wood stud
- Can be used without a box as a low voltage device support
- UL and CSA Listed (UL File #E2969, CSA File #LR5043)



52CM13



52CMD17

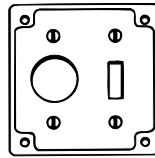


CAT. NO.	RAISED (IN.)	# OF DEVICES	CU. IN. CAPACITY	STD. CTN.
52CM13	½	1	3.0	25
52CM14-5/8	⅝	1	4.0	25
52CM14	¾	1	5.0	25
52CMD17	½	2	6.3	25
52CMD18-5/8	⅝	2	7.3	25
52CMD18	¾	2	9.0	25

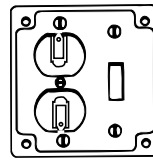
4" Square Surface Covers



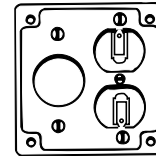
RS 4



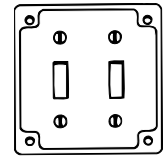
RS 1



RS 2

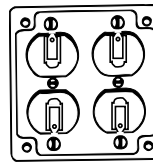


RS 3

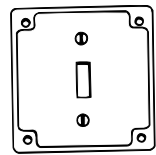


RS 5

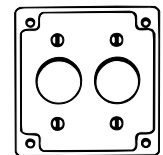
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DIA. HOLE (IN.)	DESCRIPTION	STD. CTN.
RS 1	½	5.0	1 13/32	For one toggle switch and one single flush receptacle	50
RS 2*	½	5.0	—	For one toggle switch and one duplex flush receptacle	50
RS 3*	½	5.0	1 13/32	For one single and one duplex flush receptacle	50
RS 4	½	5.0	1 19/32	For one 4-wire twist-lock single receptacle	50
RS 5	½	5.0	—	For two toggle switches	50
RS 8*	½	5.0	—	For two duplex, flush receptacles	50
RS 9	½	5.0	—	For one toggle switch	50
RS 10	½	5.0	1 13/32	For two single, flush receptacles	50
RS 11	½	5.0	1 13/32	For one single, flush receptacle	50
RS 12*	½	5.0	—	For one duplex, flush receptacle	50
RS 13	½	5.0	2 5/32	For one 30 or 50 amp. dryer or range receptacle	50
RS 14	½	5.0	2 15/32	—	50
RS 15	½	5.0	1 ¼	For #3330-30A 250 V twist-lock receptacle	50
RS-16-CC	½	5.0	—	For one ground fault receptacle	25
RS-17-CC	½	5.0	—	For two ground fault receptacles	25
RS-18-CC	½	5.0	—	For one ground fault receptacle and one toggle switch	25
RS-19-CC*	½	5.0	—	For one ground fault receptacle and one duplex receptacle	25



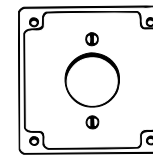
RS 8



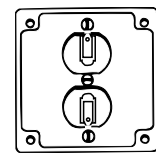
RS 9



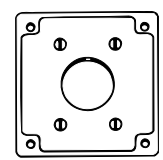
RS 10



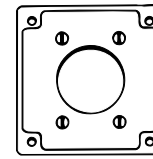
RS 11



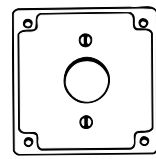
RS 12



RS 13



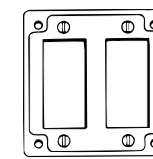
RS 14



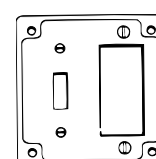
RS 15



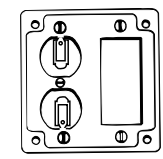
RS-16-CC



RS-17-CC



RS-18-CC



RS-19-CC

Remove portion of G.F.I. receptacle ear to mount receptacle to cover. Screws captivated.

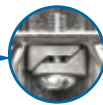
Square Boxes and Accessories

UL® Listed Adjustable Mud Ring now available in both single- and two-gang.

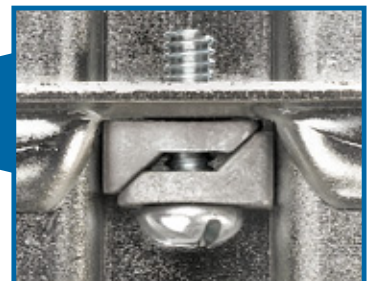
Adjustable Mud Rings

Mud Rings feature an inner ring that adjusts from 1/2" to 1 1/2" in depth to accommodate various drywall thicknesses. Marked with a measured rule and equipped with two adjustment screws, the inner ring can be set to the anticipated depth prior to installation and then easily adjusted after drywall installation to accommodate any variation in depth (1/2" to 1 1/2").

NEW!



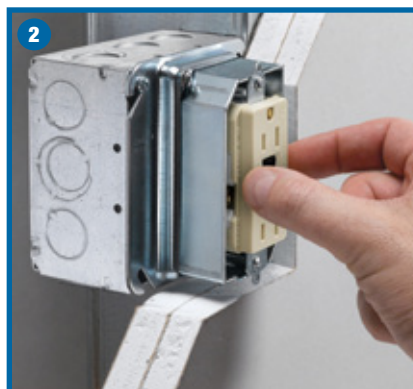
Wedge Locking Blocks
Designed to ensure grounding continuity



Adjustable Mud Ring Installation/Adjustment Steps:



1 Loosen...
The two adjustment screws located on opposing corners of the mud ring.



2 Adjust...
Inner ring to be flush with wall surface.



3 Re-tighten...
Adjustment screws.



CAT. NO.	DESCRIPTION	STD. CTN.
52-C-ADJ	Single-Gang Adjustable Mud Ring, 1/2" to 1 1/2"	25
52-C-ADJ2	Two-Gang Adjustable Mud Ring, 1/2" to 1 1/2"	20

Square Boxes and Accessories

Steel City® Hands-Free Swivel Hanger

The new Steel City® Hands-Free Swivel Hanger allows you to quickly install high- and low-bay lighting fixtures without the need for an extra set of hands. The hanger design enables the fixture to be set in place, giving users access to the conductors while wiring is being completed. The Hands-Free Swivel Hanger can support a fixture up to 50 pounds and is ideal for gyms or other commercial sites.

- Fits standard 3½" or 4" octagon (SHHFR1234)
- Fits 4" square (SHHF1234) boxes
- A single installer can complete the installation — saving time, labor and cost
- Fixtures can be set in place before wiring is completed
- Design enables users to access the conductors after the fixture has been mounted onto the box
- Accommodates ½" or ¾" threaded fixture pipes
- Permits 20° swing from vertical
- Ideal for gyms or other commercial sites

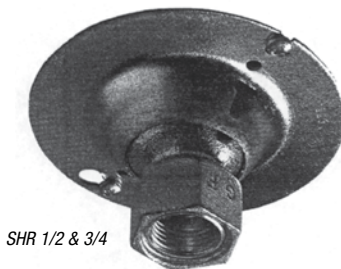
Material: Zinc-plated sheet-metal hanger and malleable iron swivel connector.

Listing: UL and CSA Listed.



CAT. NO.	DESCRIPTION	STD. CTN.
SHHF 1/2 3/4	Hands-free Swivel Hanger	25
SHHFR 1/2 3/4	Hands-free Swivel Hanger (round)	25

Swivel Hangers

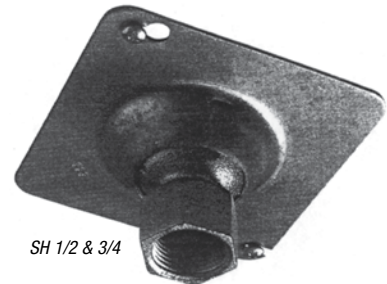


SHR 1/2 & 3/4



CAT. NO.	DESCRIPTION	STD. CTN.
SHR 1/2 & 3/4	Swivel hanger for 4" octagonal boxes	25

UL Listed for 50 lb. fixture support.



SH 1/2 & 3/4



CAT. NO.	DESCRIPTION	STD. CTN.
SH 1/2 & 3/4	Swivel hanger for 4" square boxes	25

UL Listed for 50 lb. fixture support.

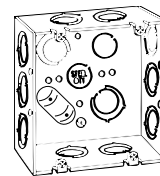
Square Boxes and Accessories

4¹¹/₁₆" Square Boxes

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	STD. CTN.
With Conduit KOs						
72151-1/2 & 3/4-E*	1½	29.5	3-½", ¾- ³³ / ₆₄ "	2-½", ¾- ³³ / ₆₄ "	2-½", ¾"-E, 4-½"	20
72171-1/2 & 3/4-E*	2½	42.0	3-½" & ¾"-E	3-½" & ¾"-E	2-½", ¾"-E, 3-½"	20
72171 1	2½	42.0	*2-1"	2-1"	3-½", 2-¾"	20
72171 3/4 1*	2½	42.0	1-¾", 1-1"	1-¾", 1-1"	3-½", 3-¾", 2-1"	20
72171 1 1/4*	2½	42.0	2-1¼"	1-1¼"	3-½", 2-¾"	20
72171CV 1/2 3/4*	2½	42.0	2-½", 1-¾"	2-½", 1-¾"	3-½", 2-¾"	25
72151 MS 1/2 3/4*	2½	42.0	3-½", ¾- ³³ / ₆₄ "	3-½", ¾- ³³ / ₆₄ "	2-½", ¾- ³³ / ₆₄ ", 3-½"	20
72151 MS 1/2 3/4	2½	42.0	3-½", ¾- ³³ / ₆₄ "	2-½", ¾- ³³ / ₆₄ "	2-½", 2-¾- ³³ / ₆₄ ", 4-½"	25
72171 MS 1/2 3/4*	2½	42.0	3-½", ¾- ³³ / ₆₄ "	3-½", ¾- ³³ / ₆₄ "	2-½", ¾- ³³ / ₆₄ ", 3-½"	25
72151MSX	2½	42.0	3-½", ¾- ³³ / ₆₄ "	2-½", ¾- ³³ / ₆₄ "	2-½", 2-¾- ³³ / ₆₄ ", 4-½"	25
72151MSXP	2½	42.0	3-½", ¾- ³³ / ₆₄ "	2-½", ¾- ³³ / ₆₄ "	2-½", 2-¾- ³³ / ₆₄ ", 4-½"	25
72151MSP	2½	42.0	3-½", ¾- ³³ / ₆₄ "	3-½", ¾- ³³ / ₆₄ "	3-½", 2-½", ¾- ³³ / ₆₄ "	25
72171MSX	2½	42.0	3-½", ¾- ³³ / ₆₄ "	3-½", ¾- ³³ / ₆₄ "	3-½", 2-½", ¾- ³³ / ₆₄ "	25
72171MSXP	2½	42.0	3-½", ¾- ³³ / ₆₄ "	3-½", ¾- ³³ / ₆₄ "	3-½", 2-½", ¾- ³³ / ₆₄ "	25



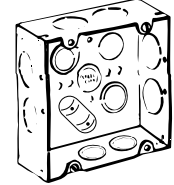
72171 MS ½ & ¾
MS bracket for 1½", 2½", 3½", 4" metal studs



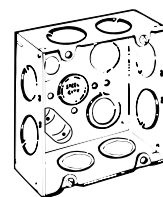
72151-1/2 & 3/4-E



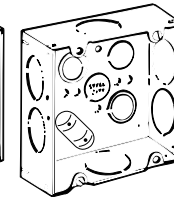
72171-1/2 & 3/4-E



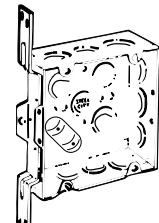
72171 1



72171 3/4 1



72171 1 1/4

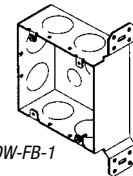


72171CV 1/2 & 3/4

* Per UL 514-A, suitable for use without a bonding jumper in circuits above or below 250 volts.

4¹¹/₁₆" Square Boxes

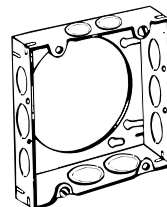
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	CONSTRUCTION TYPE	STD. CTN.
5-SDW-FB-1	2½	42.0	Two 1" KOs in each of three sides, flat bracket on other side and three ½" KOs in a line in bottom with two ¾" KOs at opposite ends in bottom. Four tapped ears*	Welded	25



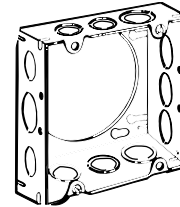
5-SDW-FB-1

4¹¹/₁₆" Square Box Extension Rings

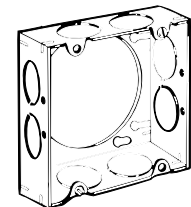
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUT (IN.)		STD. CTN.
			EA. SIDE CONDUIT	EA. END CONDUIT	
With Conduit KOs					
73151 1/2 3/4*	1½	29.5	2-½", 1¼"	2-½", 1¼"	20
73171 1/2 3/4*	2½	42.0	2-½", 1¼"	2-½", 1¼"	20
73171 1	2½	42.0	2-1"	2-1"	20



73151 1/2 & 3/4



73171 1/2 & 3/4



73171 1

4¹¹/₁₆" Square Covers

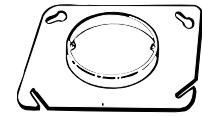
CAT. NO.	CU. IN. CAPACITY	RAISED (IN.)	DESCRIPTION	STD. CTN.
72 C 1	—	—	Flat blank	50
72 C 6	—	—	Flat with ½" KO	25
72 C 3	3.5	¾"	Center blanked with tapped ears on 2 ²³ / ₃₂ " centers	10
72-C-3-1/2	3.0	½"		25
72-C-3-3/4	4.3	¾"		10
72-C-3-1	5.8	1"		25



72 C 1



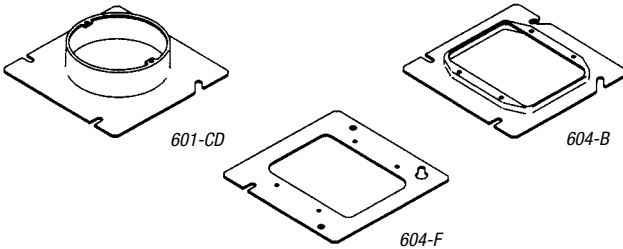
72 C 6



72 C 3

Square Boxes and Accessories

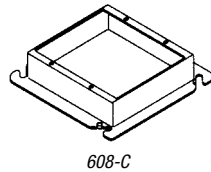
4¹/₁₆" Square Rings and Covers



CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
601-CD	8.8	1¹/₄" raised — 4¹/₁₆" square Open plaster ring with ears. Ears tapped 8/32–2 ³ / ₃₂ " on centers. Special screw lock feature in slots*	25
604-F	—	Flat — 4¹/₁₆" square For two switches or receptacles*	25
604-B	2.8	1/4" raised — 4¹/₁₆" square For two switches or receptacles*	25

*Fits any Steel City® 4¹/₁₆" square outlet box or extension ring.

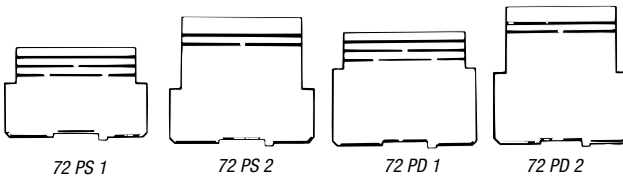
4¹/₁₆" Square Tile Rings



CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
608-C	12.5	1" raised — 4¹/₁₆" square For two switches or receptacles*	10

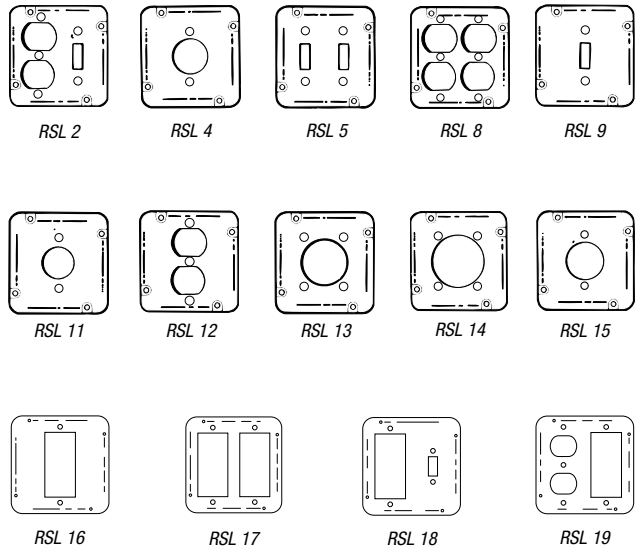
*Fits any Steel City® 4¹/₁₆" square outlet box or extension ring.

4¹/₁₆" Square Box Partitions



CAT. NO.	DESCRIPTION	STD. CTN.
For 1¹/₂" Deep Box with Square-Cut Tile Wall — Two-Device Covers		
72 PS 1	For 1/2", 3/4" and 1" raised covers	25
72 PS 2	For 1/4", 1/2" and 2" raised covers	25
For 2¹/₈" Deep Box with Square-Cut Tile Wall — Two-Device Covers		
72 PD 1	For 1/2", 3/4" and 1" raised covers	25
72 PD 2	For 1/4", 1/2" and 2" raised covers	25

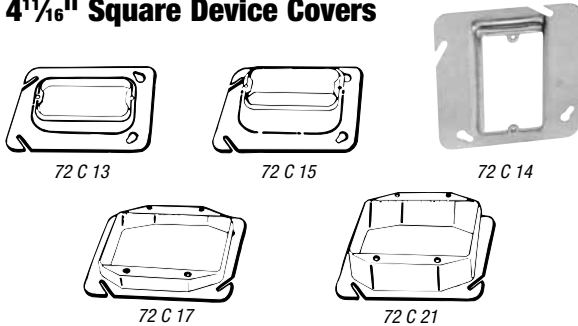
4¹/₁₆" Square Surface Covers



CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DIA. HOLE (IN.)	DESCRIPTION	STD. CTN.
RSL 2	1/2	7.5	—	For one toggle switch and one duplex flush receptacle	10
RSL 4	1/2	7.5	1 ¹ / ₃₂	For one 4-wire twist-lock single receptacle	10
RSL 5	1/2	7.5	—	For two toggle switches	10
RSL 8	1/2	7.5	—	For two duplex, flush receptacles	10
RSL 9	1/2	7.5	1 ⁵ / ₃₂	For one toggle switch	10
RSL 11	1/2	7.5	1 ⁵⁵ / ₆₄	For one single, flush receptacle	10
RSL 12	1/2	7.5	—	For one duplex, flush receptacle	10
RSL 13	1/2	7.5	2 ⁵ / ₃₂	For one 30A to 50A dryer or range receptacle	10
RSL 14	1/2	7.5	2 ¹⁵ / ₃₂	—	10
RSL 15	1/2	7.5	1 ³ / ₄	For #3330–30A 250 V twist-lock receptacle	10
RSL 16	1/2	7.5	—	For one ground fault receptacle	10
RSL 17	1/2	7.5	—	For two ground fault receptacles	10
RSL 18	1/2	7.5	—	For one ground fault receptacle and one toggle switch	10
RSL 19	1/2	7.5	—	For one ground fault receptacle and one duplex receptacle	10

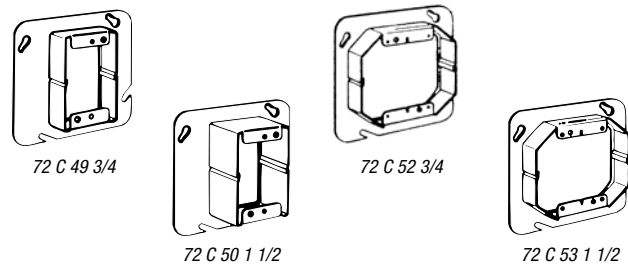
Square Boxes and Accessories

4¹/₁₆" Square Device Covers



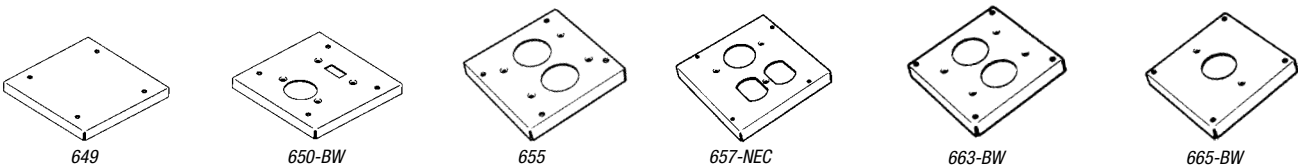
CAT. NO.	RAISED (IN.)	CU. IN. CAPACITY	STD. CTN.
For Single Device			
72 C 62	¼	1.0	25
72 C 13	½	3.0	25
72 C 14	¾	5.0	25
72 C 14 5/8	¾	4.0	25
72 C 15	1	7.0	10
72 C 16	1¼	8.3	10
For Two Devices			
72 C 17	½	6.3	25
72 C 18	¾	9.0	25
72 C 18 5/8	¾	7.5	25
72 C 19	1	12.0	25
72 C 21	1¼	15.0	25

4¹/₁₆" Square-Cut Tile Wall Covers



CAT. NO.	RAISED (IN.)	CU. IN. CAPACITY	STD. CTN.
For Single Device — Steel			
72-C-49-1/2	½	3.5	10
72 C 49 3/4	¾	5.3	10
72-C-49-1	1	7.0	10
72-C-49-1-1/4	1¼	7.0	10
72 C 50 1 1/2	1½	9.0	10
72 C 51 2	2	14.5	20
For Two Devices — Steel			
72-C-52-1/2	½	6.0	10
72 C 52 3/4	¾	9.0	10
72-C-52-1	1	12.5	25
72-C-52-1-1/4	1¼	15.5	25
72 C 53 1 1/2	1½	19.0	10
72 C 54 2	2	25.5	10

4¹/₁₆" Square Industrial Device Covers



CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
649	7.5	½" raised — 4 ¹ / ₁₆ " square Surface blank. Each cover individually packaged with the necessary screws for mounting*	10
650-BW	7.5	½" raised — 4 ¹ / ₁₆ " square For one toggle switch and one single receptacle. Opening 1.4" diameter. Each cover individually packaged with the necessary screws for mounting*	10
655	7.5	½" raised — 4 ¹ / ₁₆ " square For two single receptacles. Opening 1.4" diameter. Each cover individually packaged with the necessary screws for mounting*	10
657-NEC	7.5	½" raised — 4 ¹ / ₁₆ " square For one duplex and one single receptacle. Opening 1.4" diameter. Each cover individually packaged with the necessary screws for mounting*	10
663-BW	7.5	½" raised — 4 ¹ / ₁₆ " square For two three-wire twist lock receptacles. 1 ¹ / ₁₆ " spacing between 1.4" diameter openings. Each cover individually packaged with the necessary screws for mounting*	10
665-BW	7.5	½" raised — 4 ¹ / ₁₆ " square Opening to accommodate Hubbell 3330 receptacle in center. Opening 1.75" diameter. Each cover individually packaged with the necessary screws for mounting*	10

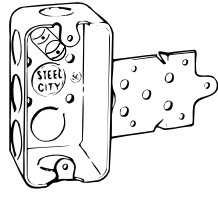
*Fits any Steel City® 4¹/₁₆" square outlet box or extension ring.

Utility Boxes and Accessories

4" x 2 1/8" Utility Boxes



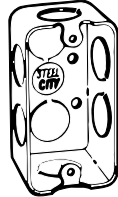
58351 1/2*



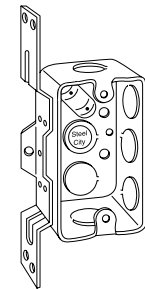
58351 B 1/4
B bracket recessed 1/4"



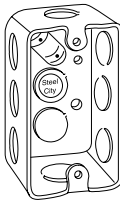
58361 1/2*



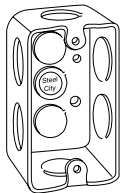
58361 3/4



58361 V 1/2*
CV bracket recessed 1/2"



58371 1/2*



58371 3/4



58371 T 1/2
T bracket recessed 3/8"



58371V1/2-25*
CV bracket recessed 1/2"

KNOCKOUTS (IN.)

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	BRKTS.	EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	STD. CTN.
With Conduit KOs							
58351 1/2*	1 1/2	10.3	—	3-1/2	1-1/2	2-1/2	50
58351 B 1/4	1 1/2	10.3	B	3-1/2	1-1/2	2-1/2	25
58361 1/2*	1 1/8	13.0	—	3-1/2	1-1/2	2-1/2	50
58361 3/4	1 1/8	13.0	—	2-3/4	1-3/4	2-3/4	50
58361 V 1/2*	1 1/8	13.0	CV	3-1/2	1-1/2	2-1/2	50
58371 1/2*	2 1/8	14.5	—	3-1/2	1-1/2	2-1/2	50
58371 3/4	2 1/8	14.5	—	2-3/4	1-3/4	2-3/4	50
58371 T 1/2*	2 1/8	14.5	T	3-1/2	1-1/2	2-1/2	25
58371V1/2-25*	2 1/8	14.5	CV	3-1/2	1-1/2	2-1/2	25

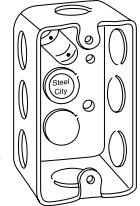
* Factory-provided raised ground-screw location.

4 1/8" x 2 1/2" Utility Boxes

68361 1/2



68371 1/2



KNOCKOUTS (IN.)

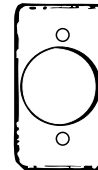
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	STD. CTN.
With Conduit KOs						
68361 1/2*	1 1/4	17.0	3-1/2	1-1/2	2-1/2	25
68371 1/2*	2 1/8	18.8	3-1/2	1-1/2	2-1/2	50

* Factory-provided raised ground-screw location.

4" x 2 1/8" Utility Box Covers



58 C 1



58 C 4



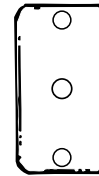
58 C 5



58 C 6



58 C 7



58 C 11



58 C 16



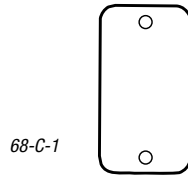
58 C 30

CAT. NO.	DIA. HOLE (IN.)	DESCRIPTION	STD. CTN.
Raised 1/4"			
58 C 1	—	Blank	100
58 C 4	1 1/2	For 4-wire twist-lock single flush receptacle	25
58 C 5	1 1/2	For single receptacle	25
58 C 6	—	With 1/2" KO	25
58 C 7	—	For duplex flush receptacle	100
58 C 11	—	With 1/2" bushed hole	25
58 C 16	—	For single GFCI receptacle	25
58 C 30	—	For one toggle switch	100

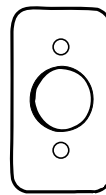
Includes captivated Phillips head screws.

Utility/Handy Boxes and Accessories

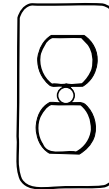
4 1/8" x 2 1/2" Utility Box Covers Raised 3/16"



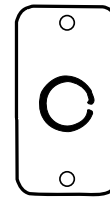
68-C-1



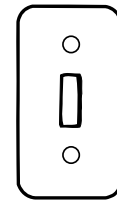
68 C 5



68 C 7



68 C 6



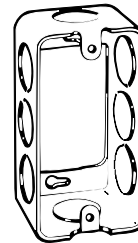
68 C 30

CAT. NO.	DIA. HOLE (IN.)	DESCRIPTION	STD. CTN.
68 C 1	—	Blank	25
68 C 5	1 13/32	For single receptacle	25
68 C 6	—	With 1/2" KO	25
68 C 7	—	For duplex flush receptacle	25
68 C 30	—	For one toggle switch	25

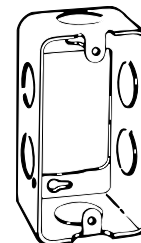
Includes captivated Phillips head screws.

4" x 2 1/8" Utility Box Extension Rings

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUTS(IN.)		STD. CTN.
			EA. SIDE CONDUIT	EA. END CONDUIT	
<i>With Conduit KOs</i>					
59361 1/2	1 1/8	13.0	3-1/2	1-1/2	50
59361 3/4	1 1/8	13.0	2-3/4	1-3/4	25

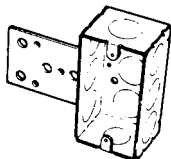


59361 1/2

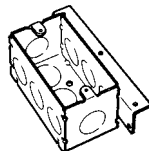


59361 3/4

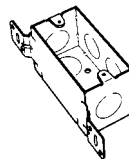
Handy Boxes



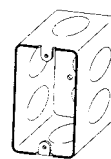
102-W-LB-1/4



103-W-AB



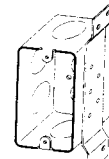
104-W-FB-3/4



106-3/4



106-FB-1/2



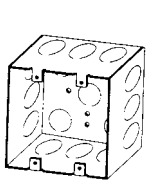
106-FB-3/4

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	CONSTRUCTION TYPE	STD. CTN.
102-W-LB-1/4	1 1/2	10.3	1 1/2" deep x 4" long x 2 1/8" wide Three 1/2" KOs in one side, lateral bracket on other side, one 1/2" KO in each end and three 1/2" KOs in bottom. Furnished with four mounting holes in bottom. Bracket offset 1/4" from face*	Welded	50
103-W-AB	1 1/8	13.0	1 1/8" deep x 4" long x 2 1/8" wide Three 1/2" KOs in one side, angle bracket on other side, one 1/2" KO in each end and three 1/2" KOs in bottom. Bracket offset 3/16" from face*	Welded	50
104-W-FB-3/4	2 1/8	14.5	2 1/8" deep x 4" long x 2 1/8" wide Two 3/4" KOs in one side, flat bracket on other side, one 3/4" KO in each end and two 3/4" KOs in bottom. Flat bracket offset 3/16" from face*	Welded	50
106-3/4	2 3/16	18.0	2 3/16" deep x 4 1/8" long x 2 3/8" wide Two 3/4" KOs in each side, one 3/4" KO in each end and three 1/2" KOs in bottom. Two mounting holes in bottom	Drawn	50
106-FB-1/2	2 3/16	18.0	2 3/16" deep x 4 1/8" long x 2 3/8" wide Three 1/2" KOs in one side, flat bracket on other side, one 1/2" KO in each end and three 1/2" KOs in bottom. Flat bracket offset 3/16" from face	Drawn	50
106-FB-3/4	2 3/16	18.0	2 3/16" deep x 4 1/8" long x 2 3/8" wide Two 3/4" KOs in each side, flat bracket on other side, one 3/4" KO in each end and three 1/2" KOs in bottom. Flat bracket offset 3/16" from face	Drawn	50

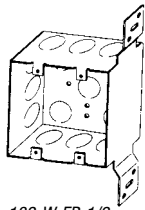
*Uses Steel City® 100 series covers.

Handy/Gang Boxes and Accessories

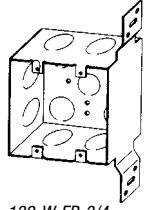
Multi-Gang Handy Boxes



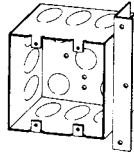
132-W-1/2



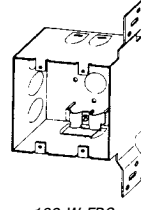
132-W-FB-1/2



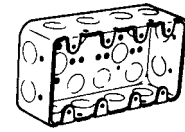
132-W-FB-3/4



132-W-AB-1/2



132-W-FBC



134-BW

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
132-W-1/2	2 1/8	30.3	A Two-Gang Box, 2 1/8" deep — 4" square Three 1/2" KOs in each of four sides and three 1/2" KOs in a line in bottom with two 3/4" KOs at opposite ends in bottom*	25
132-W-FB-1/2	2 1/8	30.3	A Two-Gang Box, 2 1/8" deep — 4" square Three 1/2" KOs in each of three sides, flat bracket on fourth side and five 1/2" KOs in bottom. Flat bracket offset 3/16" from face*	25
132-W-FB-3/4	2 1/8	30.3	A Two-Gang Box, 2 1/8" deep — 4" square Two 3/4" KOs in each of three sides, flat bracket on fourth side and three 1/2" KOs in a line with two 3/4" KOs at opposite ends in bottom. Flat bracket offset 3/16" from face*	25
132-W-AB-1/2	2 1/8	30.3	A Two-Gang Box, 2 1/8" deep — 4" square Three 1/2" KOs in each of three sides, angle bracket on fourth side and five 1/2" KOs in bottom. Bracket offset 3/16" from face*	25
132-W-FBC	2 1/8	30.3	For Non-Metallic Cable — A Two-Gang Box, 2 1/8" deep — 4" square Two Loom KOs in each of two opposite sides, two 1/2" KOs in side opposite flat bracket and one 1/2" KO in bottom. Two Loom clamps for use on non-metallic sheathed cable with 10/32 deep-slotted screws assembled. Flat bracket offset 3/16" from face*	25
134-BW	2 1/8	58.0	A Four-Gang Box Four 1/2" KOs in each side, two 1/2" KOs in each end and ten 1/2" KOs in bottom. Uses Steel City SB-4 cover	20

*Uses Steel City® SB-2 covers.

Drawn-Style Gang Boxes

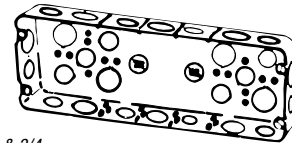
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	HEIGHT (IN.)	LGTH. (IN.)	KNOCKOUTS (IN.)			STD. CTN.
					EA. SIDE CONDUIT	EA. END CONDUIT	BOTTOM CONDUIT	
With Conduit KOs								
2G 1/2 3/4	1 5/8	45.0	4 1/2	6 3/16	2-1/2 2-3/4	1-1/2 1-3/4	3-1/2 2-3/4	5
3G 1/2 3/4	1 5/8	58.0	4 1/2	8 5/8	3-1/2 2-3/4	1-1/2 1-3/4	6-1/2 4-3/4	5
4G 1/2 3/4	1 5/8	70.0	4 1/2	10 7/16	3-1/2 3-3/4	1-1/2 1-3/4	6-1/2 4-3/4	5
5G 1/2 3/4	1 5/8	85.0	4 1/2	12 1/4	4-1/2 3-3/4	1-1/2 1-3/4	6-1/2 4-3/4	1
6G 1/2 3/4	1 5/8	95.0	4 1/2	14 1/16	4-1/2 4-3/4	1-1/2 1-3/4	6-1/2 4-3/4	1
H2BD 3/4 1	2 1/2	71.0	4 1/2	6 3/16	2-3/4 1-1	1-3/4 1-1	3-1/2 2-3/4	10
H3BD 3/4 1	2 1/2	90.0	4 1/2	8 5/8	4-3/4 1-1	1-3/4 1-1	6-1/2 4-3/4	10
H4BD 3/4 1	2 1/2	110.0	4 1/2	10 7/16	2-3/4 2-1	1-3/4 1-1	6-1/2 4-3/4	5
H5BD 3/4 1	2 1/2	132.0	4 1/2	12 1/4	3-3/4 2-1	1-3/4 1-1	6-1/2 4-3/4	5
H6BD 3/4 1	2 1/2	150.0	4 1/2	14 1/16	3-3/4 3-1	1-3/4 1-1	6-1/2 4-3/4	5



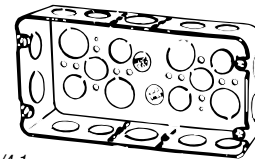
2G 1/2 & 3/4



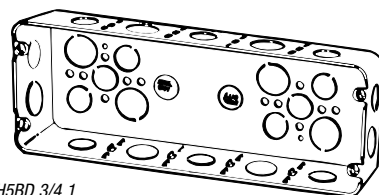
3G 1/2 & 3/4



5G 1/2 & 3/4



H3BD 3/4 1

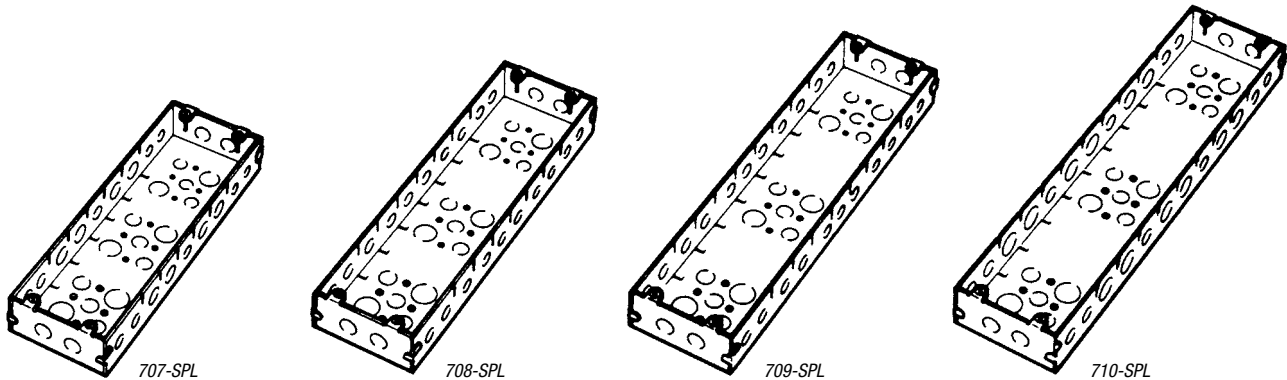


H5BD 3/4 1

Gang Boxes and Accessories

Multi-Gang Boxes

Boxes & Covers — Steel City® Metallic Boxes



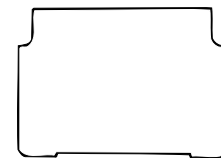
CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
707-SPL	126.5	Seven-Gang Box, 1³/₁₆" deep x 4⁹/₁₆" long x 15¹/₁₆" wide Five 1/2" KOs and four 3/4" KOs in each side, two 1/2" KOs in each end and nine 1/2" KOs with six 3/4" KOs in bottom. Furnished with four 8/32 screws. For use with either Steel City® 807 and SB-7, 808 and SB-8, or just GB-7 rings and covers	1
708-SPL	141.3	Eight-Gang Box, 1³/₁₆" deep x 4⁹/₁₆" long x 17³/₁₆" wide Six 1/2" KOs and four 3/4" KOs in each side, two 1/2" KOs in each end and nine 1/2" KOs with six 3/4" KOs in bottom. Furnished with four 8/32 screws. For use with either Steel City® 808 and SB-8, 809 and SB-9, or just GB-8 rings and covers	1
709-SPL	155.8	Nine-Gang Box, 1³/₁₆" deep x 4⁹/₁₆" long x 19¹/₁₆" wide Six 1/2" and five 3/4" KOs in each side and two 1/2" KOs in each end and nine 1/2" KOs with six 3/4" KOs in bottom. Furnished with four 8/32 screws. For use with either Steel City® 809 and SB-9, 810 and SB-10, or just GB-9 rings and covers	1
710-SPL	170.5	Ten-Gang Box, 1³/₁₆" deep x 4⁹/₁₆" long x 21³/₁₆" wide Six 1/2" KOs and six 3/4" KOs in each side, two 1/2" KOs in each end and nine 1/2" KOs with six 3/4" KOs in bottom. Furnished with four 8/32 screws. For use with either Steel City® 810 and SB-10, or just GB-10 rings and covers	1

Gang Box Partitions

CAT. NO.	DESCRIPTION	STD. CTN.
SGP	Hi/low-voltage partition for 1 ³ / ₁₆ "-deep box	25
DGP	Hi/low-voltage partition for 2 ¹ / ₂ "-deep box	50



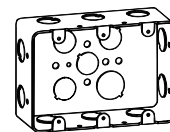
SGP



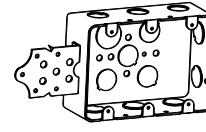
DGP

2-, 3- and 4-Gang Drawn-Style Device Boxes

CAT. NO.	GANG	DEPTH (IN.)	CU. IN. CAPACITY	EA. SIDE BRACKETS	EA. SIDE CONDUIT	EA. END CONDUIT	STD. CTN.
2G4DV 1/2 3/4	2	2 ¹ / ₂	30.3	CV	2 - 1/2", 1 - 3/4"	2 - 1/2", 1 - 3/4"	25
3G4D 1/2	3	2 ¹ / ₂	44.3	—	3 - 1/2"	2 - 1/2"	20
3G4D B 1/2	3	2 ¹ / ₂	44.3	B	3 - 1/2"	2 - 1/2"	20
3G4D V 1/2	3	2 ¹ / ₂	44.3	CV	3 - 1/2"	2 - 1/2"	20
4G4D 1/2	4	2 ¹ / ₂	58.0	—	4 - 1/2"	2 - 1/2"	20
4G4D B 1/2	4	2 ¹ / ₂	58.0	B	4 - 1/2"	2 - 1/2"	20
4G4D V 1/2	4	2 ¹ / ₂	58.0	CV	4 - 1/2"	2 - 1/2"	20



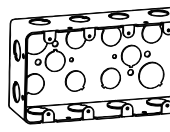
3G4D 1/2



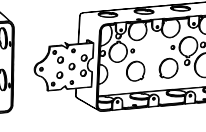
3G4D B 1/2



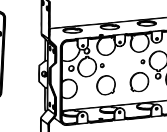
3G4D V 1/2



4G4D 1/2



4G4D B 1/2

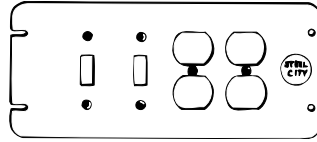


4G4D V 1/2

Gang Boxes and Accessories

Gang Box Covers

When covers are required to accommodate various combinations of devices, use the following catalog numbers plus the suffix "SPECIAL," and then indicate the combinations desired. When necessary, also indicate the sequence of devices.



EXAMPLE: 4-GCS Special

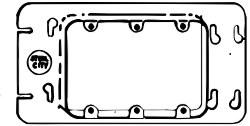
- As illustrated (above), this is a 4-GCS Special for two toggle switches on left side and two duplex receptacles on right side

CAT. NO.	LGTH. (IN.)	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
4 1/16" Wide—Raised 1 3/16" for Plaster				
2-GC	7	8.5	Holes between gangs are spaced on	5
3-GC	8 1/16	13.5	1 3/16" centers; tapped holes in ears;	5
4-GC	10 5/16	18.3	spaced on 3 5/16" centers to accommodate	5
5 GC	12 1/16	23.0	all standard receptacles and switches;	5
6 GC	14 1/4	28.3	furnished with extra plugged screw holes; if these screw holes are used, the cover will fit the next smaller size box	5
4 1/16" Wide — Flat, Blank				
2-GCB	7	—	—	25
3-GCB	8 1/16	—	—	25
4-GCB	10 5/16	—	—	25
5 GCB	12 1/16	—	—	25
6 GCB	14 1/4	—	—	25
4 1/16" Wide — Flat for Toggle Switches				
2-GCS	7	—	For 2 toggle switches	25
3-GCS	8 1/16	—	For 3 toggle switches	25
4-GCS	10 5/16	—	For 4 toggle switches	25
5 GCS	12 1/16	—	For 5 toggle switches	25
6 GCS	14 1/4	—	For 6 toggle switches	25

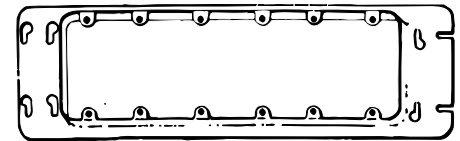
4 1/16" wide — special covers — flat to accommodate combinations of devices.



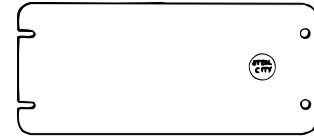
4-GC



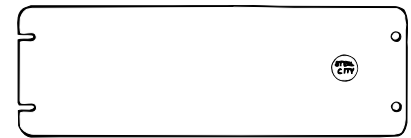
3-GC



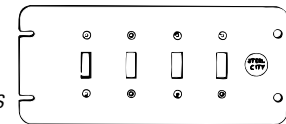
6 GC



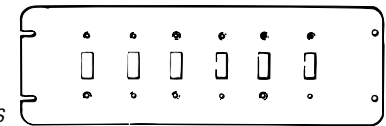
3-GCB



5 GCB

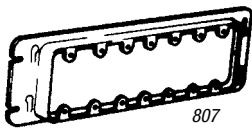


4-GCS

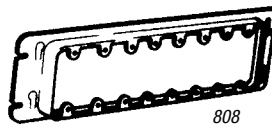


6 GCS

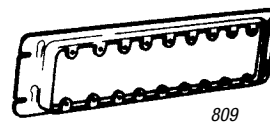
Multi-Gang Rings



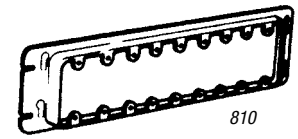
807



808



809



810

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
807	36.3	A seven-gang switch ring, 3/4" raised x 4 9/16" long x 15 15/16" wide Fits Steel City® 706 or 707 outlet boxes and uses GB-7 covers	1
808	41.0	An eight-gang switch ring, 3/4" raised x 4 9/16" long x 17 1/4" wide Fits Steel City® 707 or 708 outlet boxes and uses GB-8 covers	1
809	46.5	A nine-gang switch ring, 3/4" raised x 4 9/16" long x 19 9/16" wide Fits Steel City® 708 or 709 outlet boxes and uses GB-9 covers	1
810	51.5	A ten-gang switch ring, 3/4" raised x 4 9/16" long x 21 1/8" wide Fits Steel City® 709 or 710 outlet boxes and uses GB-10 covers	1

Gang Boxes and Accessories

Multi-Gang Covers — SB Series

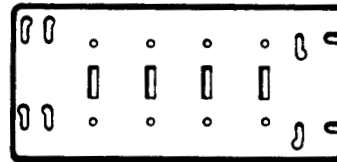
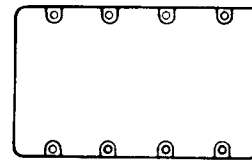
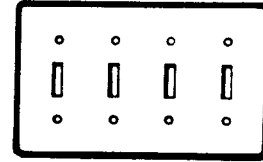
CAT. NO.	DESCRIPTION	STD. CTN.
SB-2	2-gang cover	1
SB-3	3-gang cover	1
SB-4	4-gang cover	1
SB-5	5-gang cover	1
SB-6	6-gang cover	1
SB-7	7-gang cover	1
SB-8	8-gang cover	1
SB-9	9-gang cover	1
SB-10	10-gang cover	1

Fits Steel City® 132, 133 and 134 series handy boxes (both welded and drawn) and 800 series multi-gang rings.

Multi-Gang Covers — GB Series

CAT. NO.	DESCRIPTION	STD. CTN.
GB-2	2-gang cover	1
GB-3	3-gang cover	1
GB-4	4-gang cover	1
GB-5	5-gang cover	1
GB-6	6-gang cover	1
GB-7	7-gang cover	1
GB-8	8-gang cover	1
GB-9	9-gang cover	1
GB-10	10-gang cover	1

Fits Steel City® 700 series multi-gang boxes.



Typical Mounting Arrangement

How To Order.

1. Indicate style of cover "GB" or "SB"
2. Use symbols for each opening
3. Separate each symbol with a dash (-)
4. Allow 4 to 6 weeks for shipment

Symbols	Example:
DR Duplex Receptacle	
TS Toggle Switch	
SR Single Receptacle — Opening 1.4"	
B Blank	
TL Twist Lock (4-Wire) — Opening 1.594"	
	<p>↑ SB-5:DR ↑ TS ↑ SR ↑ B ↑ TL</p>

Concrete/Masonry Boxes and Accessories

Bars for Hanging Ceiling Boxes

CAT. NO.	LENGTH (IN.)	STD. CTN.
HBB-18	18	40
HBB-24	24	40
HBB-30	30	40

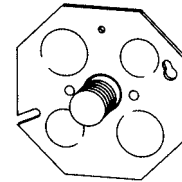


Two bars required for each box.

Concrete Box Covers

CAT. NO.	DESCRIPTION	STD. CTN.
911	Flat — 4" octagon Two 1/2" KOs and two 3/4" KOs with 3/8" fixture stud*	25

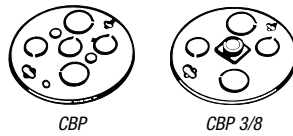
Fits any Steel City® concrete box.



911

Concrete Box Cover Plate

- Thread size: 3/8"-18 NPS

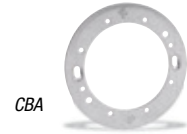


CBP

CBP 3/8

CAT. NO.	DESCRIPTION	STD. CTN.
CBP	No Stud; 3/8" and 2 3/4" KOs	25
CBP 3/8	With 3/8" fixture stud; 2 1/2" and 3/4" KOs	25

Concrete Box Adapter

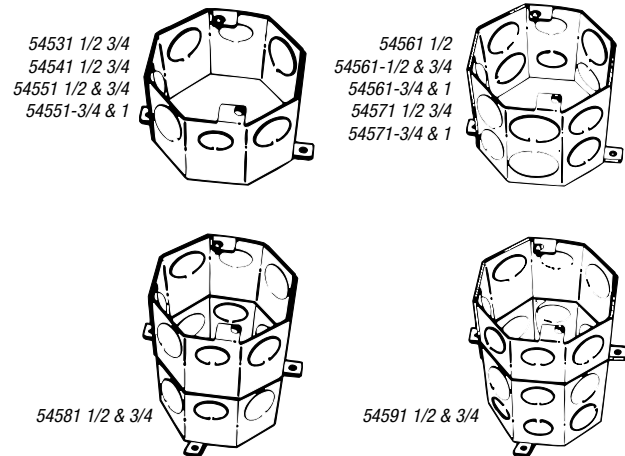


CBA

CAT. NO.	DESCRIPTION	STD. CTN.
CBA	For quick mounting and alignment of 4" octagon extension ring on concrete box or hung ceiling box	25

4" Octagon Concrete Boxes

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUTS	STD. CTN.
<i>With Conduit KOs</i>				
54531 1/2 3/4	2	23.0	1/2" & 3/4" single row	25
54541 1/2 3/4	2 1/2	29.0	1/2" & 3/4" single row	25
54551 1/2 & 3/4	3	35.0	1/2" & 3/4" single row	20
54551-3/4 & 1	3	35.0	3/4" & 1" single row	20
54561 1/2	3 1/2	41.0	1/2" double row	20
54561-1/2 & 3/4	3 1/2	41.0	1/2" & 3/4" double row	20
54561-3/4 & 1	3 1/2	41.0	3/4" & 1" double row	20
54571 1/2 3/4	4	47.0	1/2" & 3/4" double row	10
54571-3/4 & 1	4	47.0	3/4" & 1" double row	10
54581 1/2 & 3/4	5	58.0	1/2" & 3/4" double row	10
54591 1/2 & 3/4	6	70.0	1/2" & 3/4" three rows	10



54531 1/2 3/4
54541 1/2 3/4
54551 1/2 & 3/4
54551-3/4 & 1

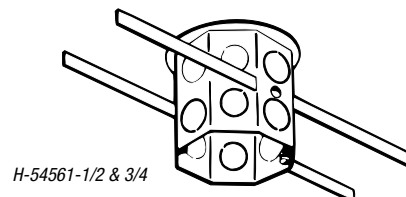
54561 1/2
54561-1/2 & 3/4
54561-3/4 & 1
54571 1/2 3/4
54571-3/4 & 1

54581 1/2 & 3/4

54591 1/2 & 3/4

4" Octagon Hanging Ceiling Boxes

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUTS	STD. CTN.
<i>With Conduit KOs</i>				
H-54561-1/2 & 3/4	3 1/2	41.0	1/2" & 3/4" double row	20
H-54561-3/4	3 1/2	41.0	3/4" double row	20



H-54561-1/2 & 3/4

Concrete/Masonry Boxes and Accessories

Gangable Masonry Boxes

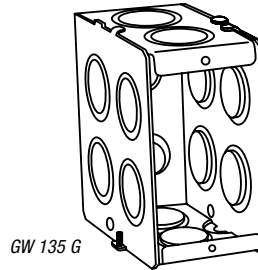


ECCENTRIC KNOCKOUTS ½" & ¾"

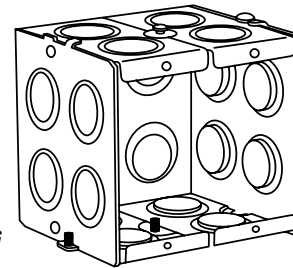
CAT. NO.	DEPTH (IN.)	HEIGHT (IN.)	LENGTH (IN.)	CU. IN. CAPACITY	EA. SIDE	EA. END	BOTTOM	STD. CTN.
With Eccentric Conduit KOs								
GW 125 G*	2½	3¾	1½ ¹⁶	15.0	2	2	2	20
GW 225 G*	2½	3¾	3¾	31.6	2	4	4	10
GW 325 G*	2½	3¾	5½ ¹⁶	47.4	2	6	6	5
GW 425 G	2½	3¾	7¾	64.0	2	8	8	5
GW 525 G	2½	3¾	9½ ¹⁶	79.0	2	10	10	5
GW-625-G*	2½	3¾	11	94.8	2	12	12	1
GW 135 G*	3½	3¾	1½ ¹⁶	22.0	4	2	2	20
GW 235 G*	3½	3¾	3¾	46.9	4	4	4	10
GW 335 G	3½	3¾	5½ ¹⁶	71.0	4	6	6	10
GW 435 G*	3½	3¾	7¾	93.5	4	8	8	5
GW-535-G	3½	3¾	9½ ¹⁶	111.7	4	10	10	5
GW-635-G	3½	3¾	**11	134.0	4	12	12	1

* Per NEC®, suitable for use without a bonding jumper in circuits above or below 250 volts.

† 4-, 5- and 6-gang supplied with partitions.



GW 135 G



GW 235 G

Boxes & Covers — Steel City® Metallic Boxes

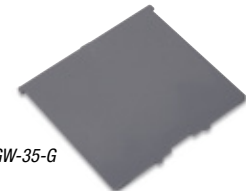
Masonry Box Partitions



CAT. NO.	DESCRIPTION	STD. CTN.
PGW-25-G	Non-metallic partition for 2½"-deep steel tile wall boxes	25
PGW-35-G	Non-metallic partition for 3½"-deep steel tile wall boxes	25

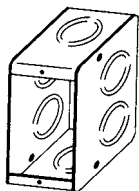


PGW-25-G

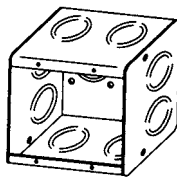


PGW-35-G

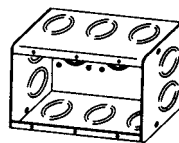
Shallow Masonry Boxes



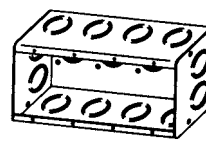
1-MBS



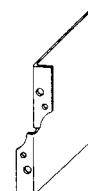
2-MBS



3-MBS



4-MBS

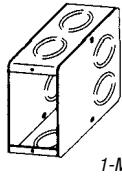


MBPS

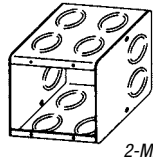
CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
1-MBS	2½	16.5	A one-gang masonry box, 2½" deep x 3¾" long x 1½" wide Six ½" and two ¾" concentric KOs. Two in each side and one in each end. Uses Steel City® 100 cover	10
2-MBS	2½	33.0	A two-gang masonry box, 2½" deep x 3¾" long x 3¾" wide Eight ½" and two ¾" concentric KOs. Two in each side and two in each end. Uses Steel City® SB-2 cover	10
3-MBS	2½	49.0	A three-gang masonry box, 2½" deep x 3¾" long x 5½" wide Ten ½" and ¾" concentric KOs. Three in each side and two in each end. Uses Steel City® SB-3 cover	5
4-MBS	2½	67.0	A four-gang masonry box, 2½" deep x 3¾" long x 7¾" wide Twelve ½" and ¾" concentric KOs Four in each side and two in each end. Uses Steel City® SB-4 cover	5
MBPS	2½	—	Masonry Box Partition, 2½" deep x 3¾" wide A low-voltage partition drilled and tapped for mounting. Furnished with two 8/32 screws. For use with 2-MBS, 3-MBS or 4-MBS boxes	50

Concrete/Masonry Boxes and Accessories

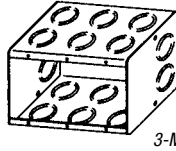
Deep Masonry Boxes



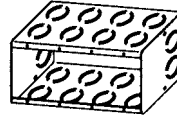
1-MB



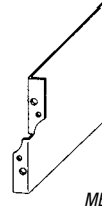
2-MB



3-MB



4-MB



MBP

CAT. NO.	DEPTH (IN.)	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
1-MB	3½	23.3	One-Gang Masonry Box, 3½" deep x 3¾" long x 1½" wide Eight ½" and ¾" concentric KOs. Two in each side and two in each end. Uses Steel City® 100 series covers	10
2-MB	3½	46.8	Two-Gang Masonry Box, 3½" deep x 3¾" long x 3¾" wide Twelve ½" and ¾" concentric KOs. Four in each of two sides and two in each end. Uses Steel City® SB-2 cover	10
3-MB	3½	69.5	Three-Gang Box, 3½" deep x 3¾" long x 5½" wide Sixteen ½" and ¾" concentric KOs. Six in each of two sides and two in each end. Uses Steel City® SB-3 cover	5
4-MB	3½	92.0	Four-Gang Masonry Box, 3½" deep x 3¾" long x 7½" wide Twenty ½" and ¾" concentric KOs. Eight in each of two sides and two in each end. Uses Steel City® SB-4 cover	5
MBP	3½	—	Masonry Box Partition, 3½" deep x 3¾" wide A low-voltage partition drilled and tapped for mounting. Furnished with two 8/32 screws. For use with 2-MB, 3-MB or 4-MB boxes	50

1" KO Masonry Box

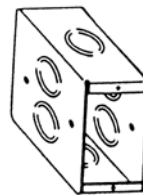
CAT. NO.	LENGTH (IN.)	CU. IN. CAPACITY	1" KNOCKOUTS			STD. CTN.
			EA. SIDE	EA. END	BOTTOM	
<i>Non-Gangable Single Gang</i>						
GW 135 NG-1	1½	22	2	1	2	10

GW 135 NG-1



Thru-Wall Boxes for Concrete Block

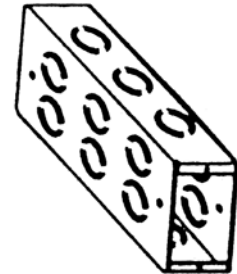
CAT. NO.	WIDTH (IN.)	HEIGHT (IN.)	DEPTH (IN.)	CU. IN. CAPACITY	KNOCKOUTS (IN.)		STD. CTN.
					EA. SIDE CONDUIT	EA. END CONDUIT	
<i>With Concentric Conduit KOs</i>							
CBTW 4	2½	3¼	3½	24.0	(2) ½-¾	(1) ½-¾	10
CBTW 6	2½	3¼	5½	38.0	(4) ½-¾	(2) ½-¾	10
CBTW 8	2½	3¼	7½	52.3	(6) ½-¾	(3) ½-¾	10



CBTW 4



CBTW 6

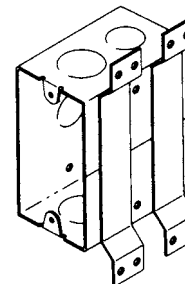


CBTW 8

Welded Thru Boxes

CAT. NO.	CU. IN. CAPACITY	DESCRIPTION	STD. CTN.
4-DWS	25.5	3¾" deep x 4" long x 2½" wide One ½" KO and one ¾" KO both on top, one ½" KO bottom side and one ½" KO on side opposite two flat brackets*	25

*Uses Steel City® and 100 series covers.

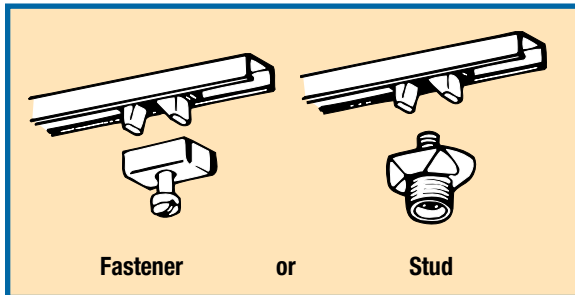


4-DWS

Box Hangers and Supports

Adjustable Bar Hangers for Plaster and Drywall

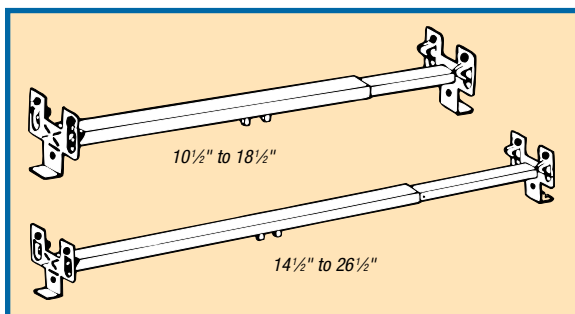
Packaged complete with either...



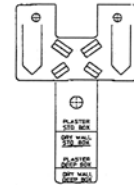
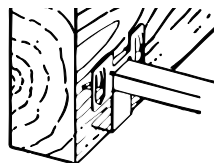
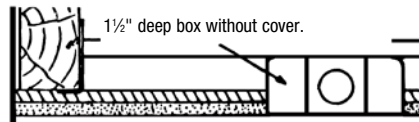
Ease of Installation:

Claws provide temporary support for proper positioning until permanently installed.

Two adjustable lengths:

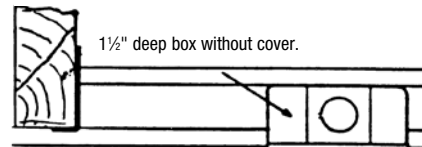


1/2", 3/4", 7/8" Lath and Plaster

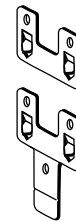


Endplate locator tab is scored and marked for lath and plaster drywall applications with standard and deep boxes.

3/8", 1/2", 5/8" Drywall Board



Foot straightened gauges for 1/2"-deep box with cover or 2/8"-deep box without cover. With foot broken off gauges for shallow pan box.



CAT. NO.	DEPTH OF END PLATE (IN.)	BR LENGTH (IN.)	STUD OR FASTENER	STD. CTN.
<i>For 3/8", 1/2" and 5/8" Wall Board and Plaster — 50 lb. Max. Load Rating</i>				
6010DW-25	13/16	10 1/2–18 1/2	Stud	25
6010ADW-25	13/16	14 1/2–26 1/2	Stud	25
6011DW-25	13/16	10 1/2–18 1/2	Fastener	25
6011ADW-25	13/16	14 1/2–26 1/2	Fastener	25

*Score marks for drywall and plaster depths.



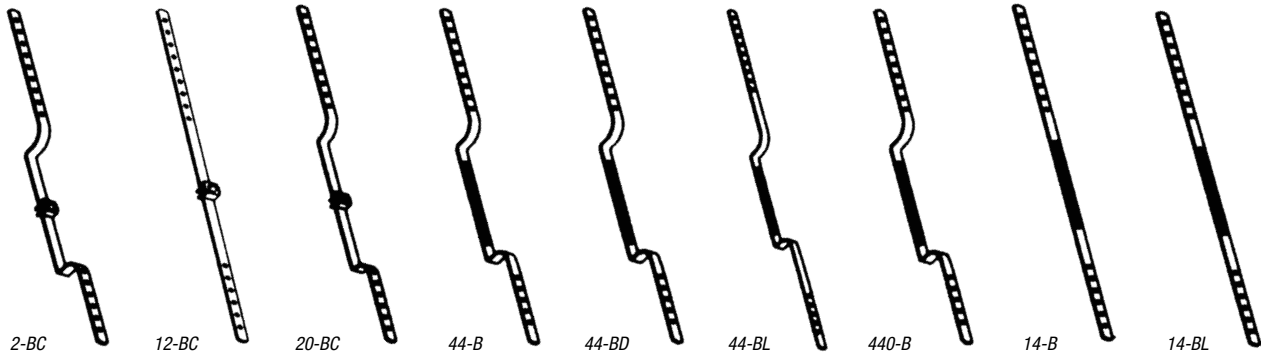
Request Info

1-800-453-1692

www.aboveboardelectronics.com

Box Hangers and Supports

Bar Hangers



CAT. NO.	DESCRIPTION	STD. CTN.
2-BC	21" LONG Deep offset bar hanger. Offset 1/2" for mounting boxes with plaster ring. Furnished with clip	50
12-BC	20" LONG Straight bar hanger for mounting pancake boxes. Furnished with clip	50
20-BC	22" LONG Shallow offset bar hanger. Offset 1" for mounting 1/2"-deep boxes without rings. Furnished with clips	50
44-B	22" LONG Deep offset bar hanger. Offset 1/2" for mounting 1/2"-deep boxes with plaster ring to bring cover flush with plaster. Furnished with stovebolt	50
44-BD	22" LONG Extra deep offset bar hanger. Offset 2/8" for mounting 2/8"-deep box. Furnished with stovebolt	50
44-BL	26" LONG Deep offset bar hanger. Offset 1/2" for mounting 1/2"-deep boxes with plaster ring to bring cover flush with plaster. Furnished with stovebolt	50
440-B	21" LONG Shallow offset bar hanger. Offset 1" for mounting 1/2"-deep boxes without rings. Furnished with stovebolt	50
14-B	20" LONG Straight bar hanger for mounting ceiling boxes. Furnished with stovebolt	50
14-BL	24" LONG Straight bar hanger for mounting ceiling boxes. Furnished with stovebolt	50

Far-Side Box Support

- Provides side support for electrical boxes
- Works with most electrical boxes for 2 1/2", 3 1/2" and 4" metal stud depths

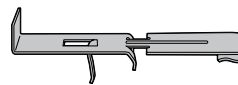
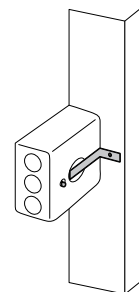
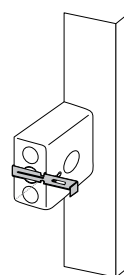


Fig. 1



Fig. 2

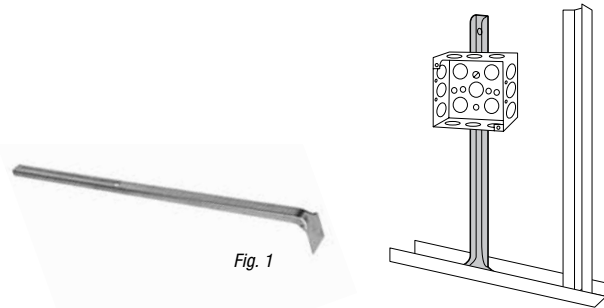
CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SS1-TB	1	Far-side box support	100
50-SC	2	Box brace for 4" square or octagonal box	100



Box Hangers and Supports

Floor-Mounted Box Supports

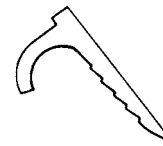
- Mounts on metal or wood studding
- Used as conduit rack or spacer for rigid conduit, IMC or EMT
- Ideal for schools, hospitals, industrial and commercial jobs
- Galvanized steel



CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
7502	1	Footed box supports, 20" height	25
7503-SC	1	Footed box supports, 30" height	50

Pipe Nailers

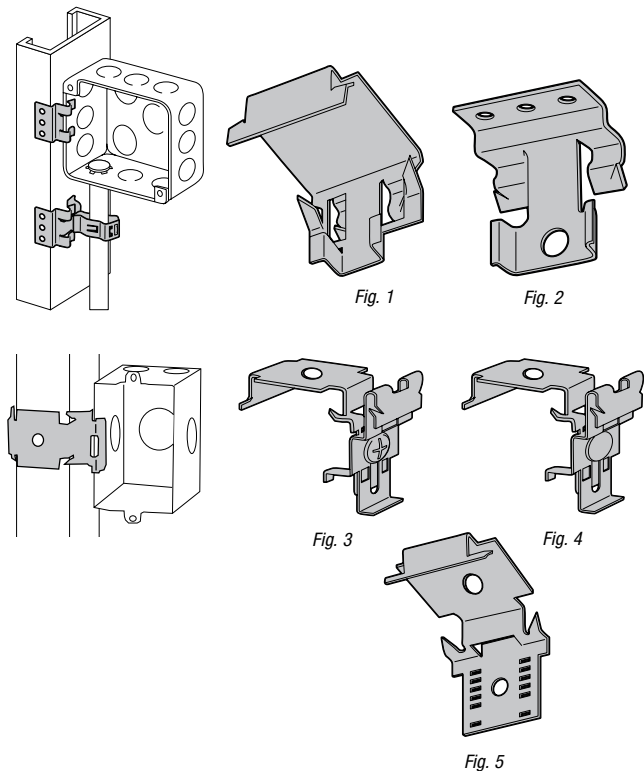
CAT. NO.	DESCRIPTION	STD. CTN.
PN-3-1	1"	1,000



Snap-On Box Clip

- Fits most electrical boxes requiring plaster rings
- Fits most metal stud sizes
- Will not move on stud
- Wider part for more secure fastening
- No screws required
- Support leg braces box against stud
- Installs easily with a hammer
- Adjustable offset enables box to protrude through drywall sizes: 1/4", 3/8", 1/2", 5/8" or 3/4"

CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SMX	1	Snap-on box support for mounting to stud	100
SSF-SK	2	Screw to stud, box support	100
SF-SFA	3	Snap-on box support for mounting to stud, adjustable	25
SSF-SF0	4	Snap-on box support for mounting to stud, riveted for flush to stud face	25
SSF-SF1/4	4	Snap-on box support for mounting to stud, riveted for 1/4" drywall	25
SSF-SF3/8	4	Snap-on box support for mounting to stud, riveted for 3/8" drywall	25
SSF-SF1/2	4	Snap-on box support for mounting to stud, riveted for 1/2" drywall	25
SSF-SF5/8	4	Snap-on box support for mounting to stud, riveted for 5/8" drywall	25
SSF-SF3/4	4	Snap-on box support for mounting to stud, riveted for 3/4" drywall	25
SSF-SFT	5	Snap-on box support for mounting to stud with 1/4"-20 thread impression	25



Stud Wall and Drywall Accessories

Grounding Devices

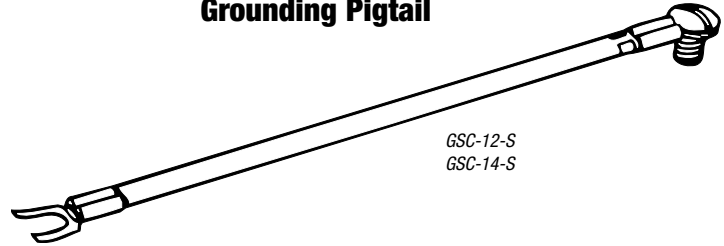


GEE

Grounding Clip

- For grounding switch and outlet boxes using non-metallic sheathed cables with ground wire
- Grounds #12 and #14 copper and #12 aluminum conductors

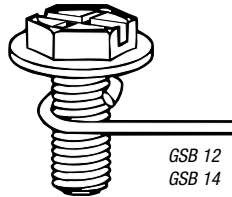
Grounding Pigtail



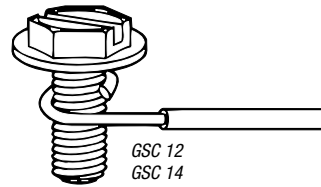
GSC-12-S
GSC-14-S

Grounding Screw and Wire

- A prelooped 6"-long bare or insulated copper ground wire attached to a 10-32 x 3/8" hexagon-head washer-face screw, colored green

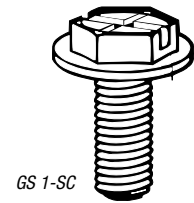


GSB 12
GSB 14



GSC 12
GSC 14

Grounding Screw



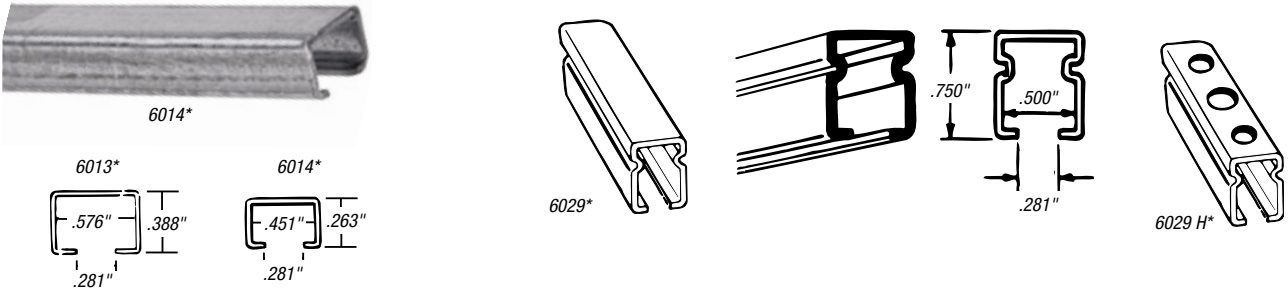
GS 1-SC

CAT. NO.	DESCRIPTION	STD. CTN.	UNIT PKG.
Grounding Clip			
GEE	Zinc-plated, spring-steel, colored green accommodates #12 and #14 copper and #12 aluminum solid conductors in non-metallic sheathed cable. Also approved for connecting bonding jumper from receptacle to grounded metal device box. 50 per unit package	1,000	—
Grounding Screws and Pigtails			
GSC 12	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid copper #12 AWG insulated wire	1,000	100
GSC-12-S*	#12 AWG insulated eight-inch stranded pigtail with a captive 10-32 x 3/8" round head screw on one end and a fork-tongue terminal on the other end	1,000	100
GSC-12-10 1/2	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a 10 1/2 inch solid-copper #12 AWG insulated wire	1,000	100
GSC 14	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid-copper #14 AWG insulated wire	1,000	100
GSC 14 S*	#14 AWG insulated eight-inch stranded pigtail with a captive 10-32 x 3/8" round head screw on one end and a fork-tongue terminal on the other end	1,000	100
GSB 12	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid-copper #12 AWG bare wire	1,000	100
GSB 14	10-32 x 3/8" slotted hexagon-head washer-face ground screw with green dye finish and a six-inch solid-copper #14 AWG bare wire	1,000	100
GS 1-SC	10-32 x 3/8" slotted hexagon-head washer-face screw with green dye finish. Provides positive ground continuity in boxes with a #10-32 tapped hole	1,000	100

* Eight-inch stranded pigtail is also available with a captive 10-32 x 3/8" round-head screw on one end and a fork-tongue terminal on the other end.

Stud Wall and Drywall Accessories

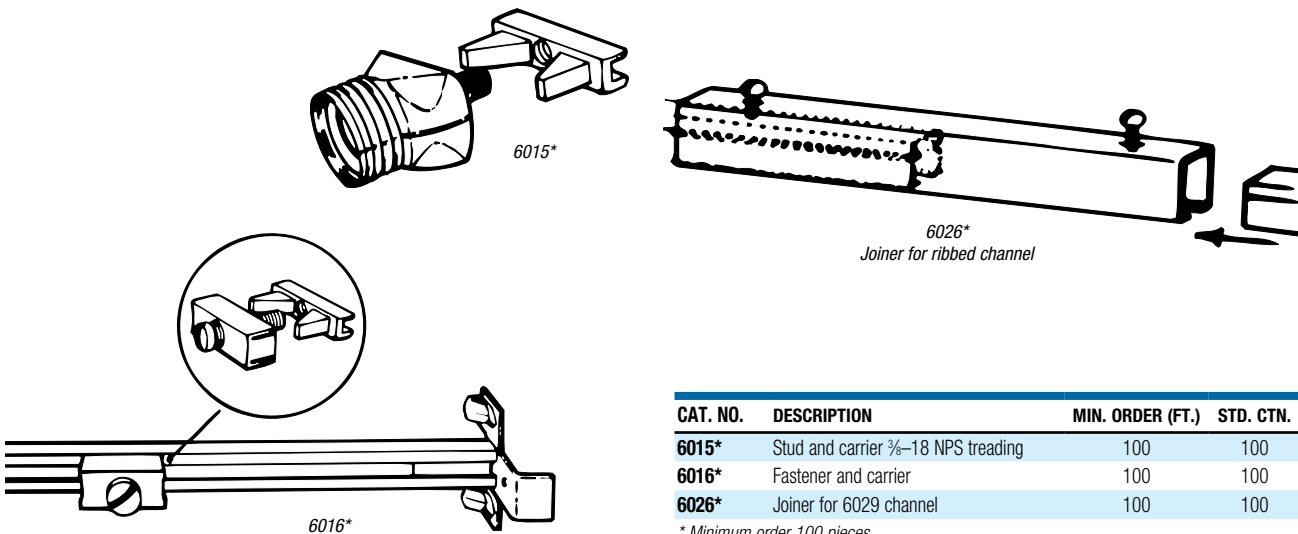
Channel Bar



CAT. NO.	DESCRIPTION	MIN. ORDER (FT.)	STD. CTN.
Mounts Fixtures, Boxes and Conduits in Suspended Ceilings			
6013*	20 ga. single channel bar	100	100
6014*	18 ga. single channel bar	100	100
6029*	16 ga. (.060") ribbed	100	100
6029 H*	16 ga. (.060") ribbed — with holes for #12 sheet-metal screw and 1/4" threaded rod	100	100

*10-ft. lengths.

Box and Channel Fasteners



CAT. NO.	DESCRIPTION	MIN. ORDER (FT.)	STD. CTN.
6015*	Stud and carrier 3/8"-18 NPS treading	100	100
6016*	Fastener and carrier	100	100
6026*	Joiner for 6029 channel	100	100

* Minimum order 100 pieces.

Boxes & Covers — Steel City® Metallic Boxes

Stud Wall and Drywall Accessories

Conduit-to-Metal Stud

- Attaches securely to most metal stud sizes
- Riveted to accommodate your drywall requirements

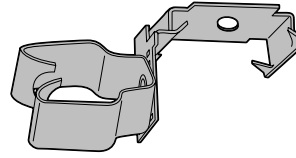


Fig. 1

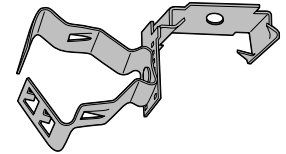


Fig. 2

CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SF-S1/2	1	Snap on stud, push-in conduit clip, 1/2" conduit	25
SSF-SF-S3/4	1	Snap on stud, push-in conduit clip, 3/4" conduit	25
SSF-SF-S1	1	Snap on stud, push-in conduit clip, 1" conduit	25
SSF-SF-C3/8	2	Snap on stud, conduit support clip, 3/8" conduit or MC/AC cable	25
SSF-SF-C1/2 3/4	2	Snap on stud, conduit support clip, 1/2"-3/4" conduit	25
SSF-SF-C1	2	Snap on stud, conduit support clip, 1" conduit	25
SSF-SK-C1/2 3/4	3	1/2"-3/4" finger close conduit clip	25
SSF-SK-C1	3	1" finger close conduit clip	25
SSF-SK-S1/2	4	1/2" snap-in conduit clip	25
SSF-SK-S3/4	4	3/4" snap-in conduit clip	25
SSF-SK-S1	4	1" snap-in conduit clip	25

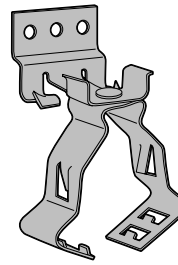


Fig. 3

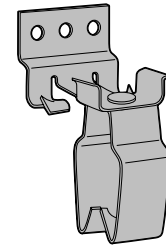


Fig. 4

Easy-Snap Grommet

- Fits any size or shape metal stud hole
- Provides complete 360° protection for cable

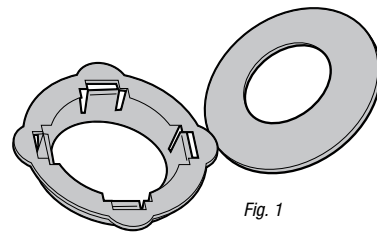
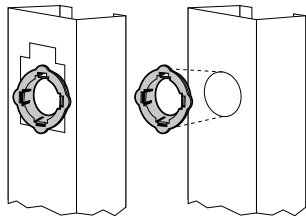


Fig. 1

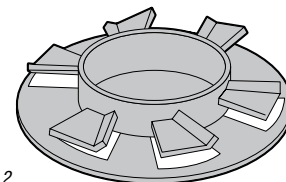


Fig. 2

CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
1300	1	Plastic bushing for metal stud 1" trade size opening (1 1/2")	100
1216-EN	2	Twisted universal bushing for metal stud	50

Stud Wall and Drywall Accessories

Through-Stud Cable Conduit Support

- A quick means of support for horizontal runs of conduits or MC/AC through metal stud
- Installs easily with a screw gun
- SSF-SPI enables ENT conduit and MC/AC cable to be easily pulled through metal stud

CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SAB-C1/2 3/4	1	1/2" or 3/4" finger close conduit clip	25
SSF-SAB-C3/8	1	Finger-close conduit clip 14-2 thru 12-3 MC/AC cable and 3/8" conduit	25
SSF-SAB-S1/2	2	Snap-in conduit clip — 1/2" conduit	25
SSF-SAB-S3/4	2	Snap-in conduit clip — 3/4" conduit	25
SSF-SP1	3	Supports up to 1" conduit	100

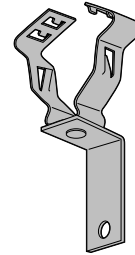


Fig. 1

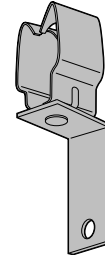
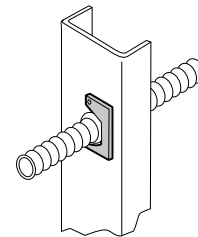


Fig. 2

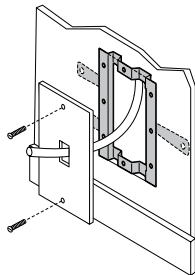


Fig. 3



Low-Voltage Mounting Brackets — Screw-On Support

- Eliminates the need for an electrical box when installing low-voltage Class 2 wiring
- For old work or new work



CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SLV	1	Old-work or new work low-voltage bracket	100
VN1	2	Non-metallic single-gang new-work low-voltage bracket	50
VN2	—	Non-metallic two-gang new-work low-voltage bracket	50
VW1	3	Non-metallic single-gang old-work low-voltage bracket	50
VW2	—	Non-metallic two-gang old-work low-voltage bracket	50
WBF-1	4	Low-voltage mounting bracket with screws	100



Fig. 1



Fig. 2



Fig. 3

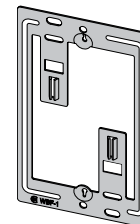


Fig. 4

Stud Wall and Drywall Accessories

Cable Support

- Supports up to four runs of MC and AC cable and up to six runs of non-metallic sheathed cable
- Installs with nails or staples or sheet-metal screws
- Complies with NEC® 300-4d for all wood and metal studs
- Made with high-strength plastic

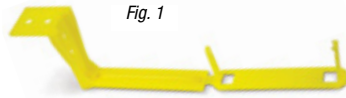
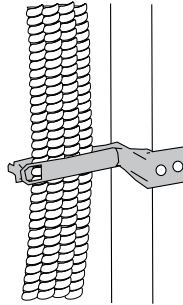


Fig. 1

CABLE TYPE	CABLE SIZE	MAX. QTY./FASTENER
Non-Metallic Sheathed Cable	#14-2, #12-2, #10-2, #14-3, #12-3 and #10-3 with Ground	6
Non-Metallic	#8-2 and #6-2 with Ground	4
Metallic Clad (MC) Cable and #10-4 with Ground	#14-2, #12-2, #10-2, #14-3, #12-3, #10-3, #14-4, #12-4	4
Armored Cable (AC)	#14-4, #12-2, #10-2, #8-2, #14-3, #12-3, #10-3, #14-4, #12-4 and #10-4 with Ground	4
Flexible Conduit (BX)	3/8", 1/2"	4



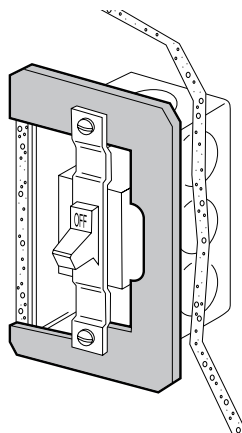
CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SC6	1	Non-Metallic Sheathed MC/AC Cable to Stud Clip	100

Device Leveler and Retainer

- Use for oversized drywall openings
- Prevents broken cover plates
- Stops device from being pushed back in wall
- Makes floating device rigid



Fig. 1



CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SR	1	Single-Gang Device Leveler and Retainer	100

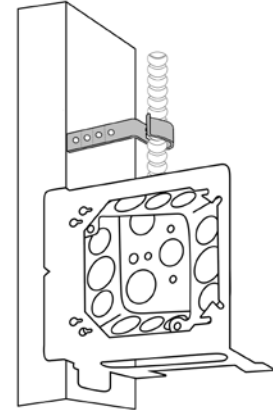
NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Screw-On Conduit Support

- Supports 1/2" and 3/4" EMT conduit and MC/AC cable
- Works with wood or metal stud
- Preset bend provides alignment with knockouts for 1 1/2"-deep boxes or 2 1/8"-deep boxes



Fig. 1



CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-SS1/2 3/4	1	1/2" and 3/4" EMT Conduit and MC/AC to Metal or Wood Stud. For 1 1/2"-Deep Box	100
SSF-SS1/2 3/4D	1	1/2" and 3/4" EMT Conduit Metal or Wood Stud. For 2 1/8"-Deep Box	100

Protector Plates

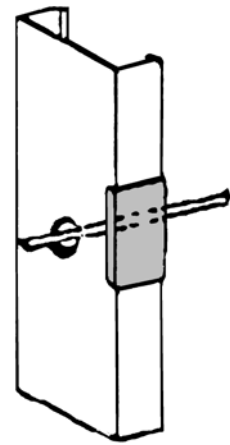
- Protects cable(s) from damage when installing drywall or paneling
- No nails or screws required
- Fits all stud sizes
- Both products meet requirements for NEC® 300-4
- ST66 legs are crimped with pliers to stud to provide secure fit



Fig. 1



Fig. 2



CAT. NO.	FIG. NO.	DESCRIPTION	STD. CTN.
SSF-ST66	1	Protector Plate for Metal Stud	100
66EP	2	Protector Plate for Wood Stud	100

**Carlton®
Non-Metallic
Boxes**



In this section...



Carlton® Non-Metallic Boxes

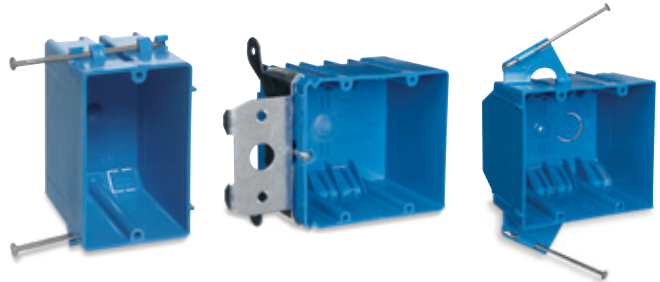
Overview	A-68-A-69
Carlton® Blue™ PVC Boxes	A-70-A-76
Carlton® SuperBlue® Boxes	A-77-A-79
Polycarbonate Boxes	A-80-A-91
Phenolic Boxes	A-92-A-104
Non-Metallic Covers and Accessories	A-105-A-106
Low-Voltage Structured Cable Management System	A-107-A-120

Overview

Recognized as the Industry Standard in Non-Metallic Boxes.

Carlon® PVC Carlon® Blue™ PVC Boxes

Carlon® non-metallic boxes feature PVC construction for easier installation, greater performance and lower installation cost. Designed and listed for use with non-metallic sheathed cable in accordance with Article 314 of the National Electrical Code®, they make fast work of any residential or light commercial application. Look for the trademarked color blue to be sure it is a quality Thomas & Betts PVC Box.



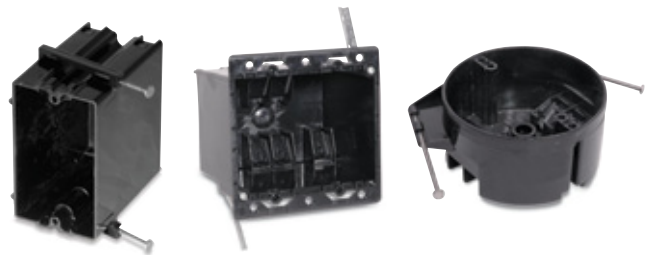
Carlon® SuperBlue® Carlon® SuperBlue® Boxes

Carlon® Super Blue® provides all of the desired features of a PVC box with the strength and durability of the heavy wall boxes. Rigid enough not to flex when nailed to a stud and strong enough to withstand a hammer blow in cold temperatures.



Carlon® PC Carlon® Black Polycarbonate Boxes

Carlon® non-metallic boxes feature a rugged polycarbonate construction to withstand extreme temperatures. The boxes will not distort or soften in heat and they won't become brittle in the cold.



Carlon® PH Carlon® Brown Phenolic Boxes

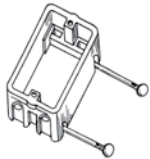
New Fire Rating! Carlon® phenolic boxes can be installed in the same stud cavity of a shared two-hour wall. They may also face opposite directions with only a 3" horizontal separation — ideal for multi-family construction!



NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

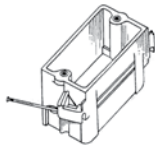
Overview

Bottom Nailed



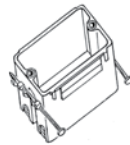
Most widely accepted for universal use

Compound Angled Nails



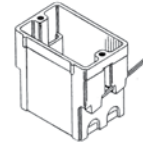
For easy installation and positioning in limited space

Reverse Angled Side Nails



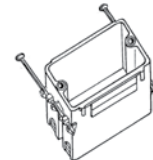
For use when installed from backside of drywall

Recessed Angle Nails



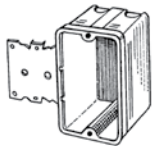
For quick positioning on narrow stud spacing

Angled Side Nails



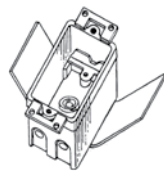
For quick positioning on narrow stud spacing

SB, #5, #7 Offset Brackets



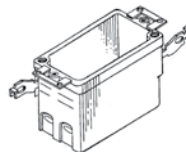
For face mount on wood or steel studs

Ears, #8 Bracket



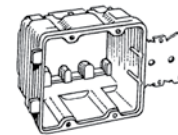
Snap-in bracket secures box to wall

Ears, #4 Bracket



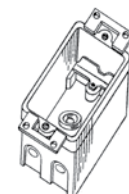
Swing bracket swings into place, secures box to wall

#738 Offset Bracket



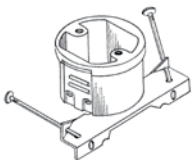
With 3/8" offset for face mount on wood or steel studs

Ears



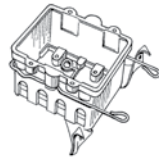
For screw mounting direct to paneling

"N" Bracket



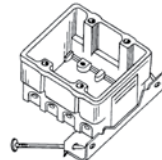
Easily positioned for maximum use of box depth

#2 Bracket



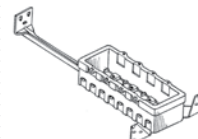
Sturdy side-mounting bracket, support wire adds rigidity

"R" Bracket



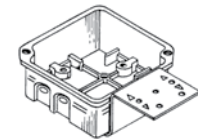
Reverse angled nails for use with narrow stud spacing

Side Bracket Stabilizer Bar



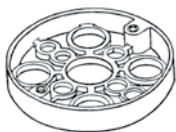
Bar extends for rigid installation between studs

#1 Raised Face Bracket



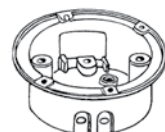
For wood or steel studs, allows for 1/2" mud ring, 1/2" drywall

Nails or Screws



Through bottom

Screw Mount



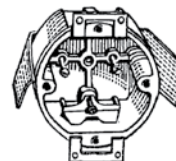
Flange with flash ring

Compound Angled Side Nails



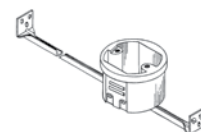
For easy installation and positioning in limited space

Screws, #9 Snap-in Bracket



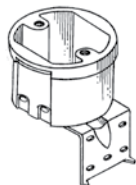
Snap-in bracket secures box to wall

#94, #95 Bar Hangers (16" and 24")



For easy installation, exact centering of ceiling boxes

#3 Bracket



Easily positioned for maximum use of box depth

High Clamp Feature



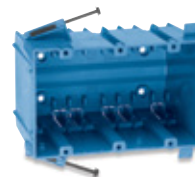
For easy cable entry

Fast Set Feature



For fast device mounting

Angled Screws



For fast mounting on steel stud

Non-Metallic Clamp



For easy cable entry

Carlson® Blue™ PVC Boxes

Carlson® Blue™ PVC Boxes

Carlson® non-metallic boxes feature PVC construction for easier installation, greater performance and lower installation cost. Designed and listed for use with non-metallic sheathed cable in accordance with Article 314 of the National Electrical Code®, they make fast work of any residential or light commercial application.

- All PVC boxes are listed to UL514C
- All PVC boxes are listed for masonry walls

- All PVC boxes are UL Classified for two-hour fire wall and/or fire ceiling
- All PVC boxes meet NEMA OS-2
- All PVC boxes are permissible for use with 90° C conductors
- UL File E11461 and R9140

One-Gang Adjustable — For New Work

- Design enables adjustment from 0" to 1¾" after installation
- Ideal for new work or retrofit upgrade applications
- Backless low-voltage bracket and floor box designs available
- Ideal for various drywall thicknesses and wall finishes



B121ADJ

One-Gang Adjustable 21.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B121ADJ	21.0	Adjustable Bracket	Adjusts 0"–1¾"	3.65 L x 2.25 W x 3.32 D	24

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

One-Gang Nail-On — For New Work

One-Gang Nail-On 18.0–20.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B118A	18.0	Captive Nails	—	3¾ L x 2¼ W x 2⅞ D	100
N1-710-M	18.0	Reverse Angled Side Nails	½" Offset Wallboard Tabs	3¾ L x 2¼ W x 2⅞ D	100
RN-18-FS	18.0	Recessed Angled Nails	Fast-Set	3⅞ L x 2⅞ W x 3 D	100
SNO-18	18.0	Angled Side Nails	Hinge Closure	4⅞ L x 2⅞ opening 3⅞ overall W x 1¾ D	100
SNO-18-M	18.0	Angled Side Nails	Locating Tab Hinge Closure ⅞" Offset Wall Board Tabs	4⅞ L x 2⅞ opening 3⅞ overall W x 1¾ D	100
B120A-UPC	20.0	Captive Nails	—	3 L x 2¼ W x 3¼ D	100
RN-21-FS	20.5	Recessed Angled Nails	Fast-Set	3⅞ L x 2⅞ W x 3¾ D	100



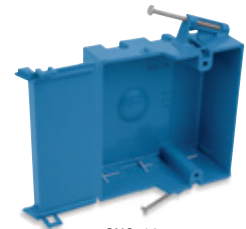
B118A



N1-710-M



RN-18-FS



SNO-18



B120A-UPC



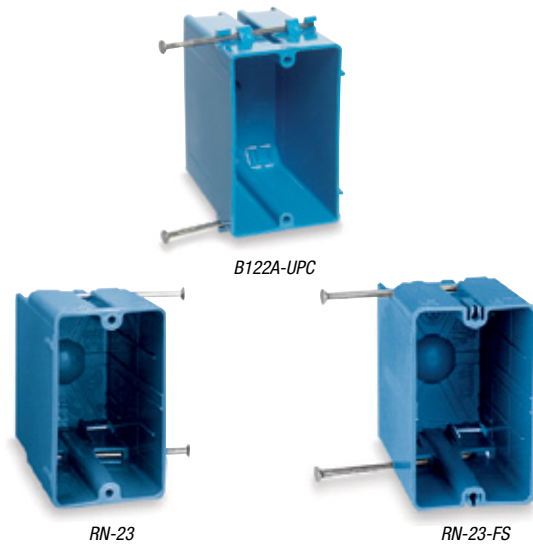
RN-21-FS

Carlton® Blue™ PVC Boxes

One-Gang Nail-On — For New Work

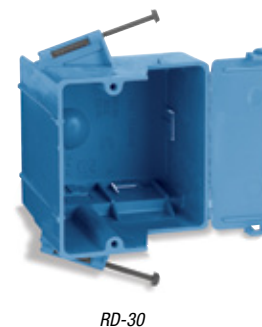
One-Gang Nail-On 22.0–22.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B122A-UPC	22.0	Captive Nails	—	3¼ L x 2¼ W x 3½ D	100
RN-23	22.5	Recessed Angled Nails	—	3 ² / ₃₂ L x 2 ⁵ / ₁₆ W x 3% D	100
RN-23-FS	22.5	Recessed Angled Nails	Fast-Set	3 ² / ₃₂ L x 2 ⁵ / ₁₆ W x 3% D	100



One-Gang Nail-On 30.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
RD-30	30.0	Recessed Angled Nails	Large KO for #6 or #8 Cable	3 ¹ / ₁₆ L x 2 ⁵ / ₁₆ opening 3% overall W x 3% D	50

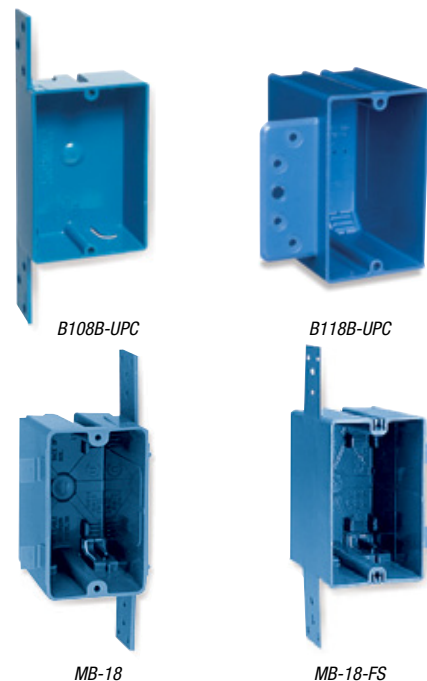


One-Gang Brackets — For New Work

One-Gang Brackets 8.0–18.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B108B-UPC	8.0	Bracket	—	3% L x 2% W x 1¼ D	25
B118B-UPC	18.0	Bracket for ¾" to 5%" Wallboard — Steel and Wood Stud Mounting	—	3¼ L x 2¼ W x 2 ⁵ / ₁₆ D	5
MB-18 •	18.0	Molded Side Bracket for Wood/Steel Studs	½" Depth Gage Lever Clamps	3 ² / ₃₂ L x 2 ⁵ / ₁₆ W x 2 ⁵ / ₁₆ D	100
MB-18-FS •	18.0	Molded Side Bracket for Wood/Steel Studs	Fast-Set	3 ² / ₃₂ L x 2 ⁵ / ₁₆ W x 2 ⁵ / ₁₆ D	100

• Manufactured housing — MB-18 and MB-18-FS.

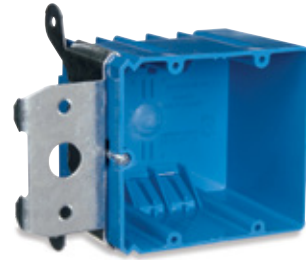


Boxes & Covers — Carlton® Non-Metallic Boxes

Carlson® Blue™ PVC Boxes

Two-Gang Adjustable — For New Work

- Design enables adjustment from 0" to 1¼" after installation
- Ideal for new work or retrofit upgrade applications
- Backless low-voltage bracket and floor box designs available
- Ideal for various drywall thicknesses and wall finishes



B234ADJ

Two-Gang Adjustable 34.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B234ADJ	34.0	Adjustable Bracket	Adjusts 0"–1¼"	4 W x 3½ H x 3 D	16
B234ADJC	34.0	Adjustable Bracket	Large 220V Knockout	5½ W x 3½ H x 3 D	16

Two-Gang Nail-On — For New Work



B232A-UPC



N2-1614-RNC



SN-236-V



SN-241



N2-1614-MNC



SN-236



SN-236-FS



SN-241-FS

Two-Gang Nail-On 32.0–41.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B232A-UPC	32.0	Captive Nails	—	3¾ L x 4 W x 3 D	50
N2-1614-MNC	32.0	Angled Side Nails	¾" Offset Wallboard Tabs Cable-Lok™ Clamps Bulk Packed	4⅞ L x 3½ W x 2¼ D	50
N2-1614-RNC	32.0	Angled Side Nails	No Wallboard Tabs Cable-Lok™ Clamps Bulk Packed	4⅞ L x 3½ W x 2¼ D	50
SN-236	36.0	Compound Angled Nails	¾" Offset Wallboard Tabs Molded Fast Clamp	4 L x 3½ W x 3½ D	50
SN-236-FS	36.0	Compound Angled Nails	¾" Offset Wallboard Tabs Molded Fast Clamp/Fast Set	4 L x 3½ W x 3½ D	50
SN-236-V	36.0	Compound Angled Nails	¾" Offset Wallboard Tabs Molded V-Clamp	4 L x 3½ W x 3½ D	50
SN-241	41.0	Compound Angled Nails	¾" Offset Wallboard Tabs Molded Fast Clamp	4 L x 3½ W x 3½ D	50
SN-241-FS	41.0	Compound Angled Nails	¾" Offset Wallboard Tabs Molded Fast Clamp/Fast Set	4 L x 3½ W x 3½ D	50

Two-Gang Bracket — For New Work

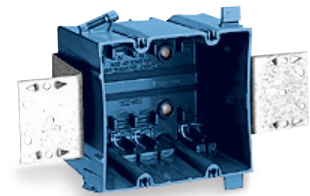
Two-Gang Bracket 32.0–36.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B232B-UPC	32.0	Bracket for ¾" to ¾" Wallboard — Steel or Wood Stud Mounting	—	3¾ L x 4 W x 3 D	50
SB2-236-FS	36.0	Two ¾" Offset Wallboard Tabs; Molded Fast Clamps/Fast Set	¾" Offset	3¾ L x 4 W x 3¾ D	20



B232B-UPC

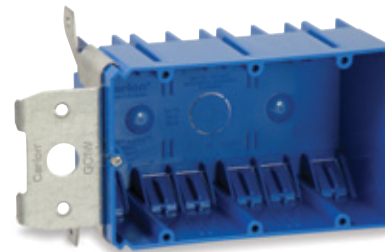


SB2-236-FS

Carlton® Blue™ PVC Boxes

Three-Gang Adjustable — For New Work

- Design enables adjustment from 0" to 1¼" after installation
- Ideal for new work or retrofit upgrade applications
- Backless low-voltage bracket and floor box designs available
- Ideal for various drywall thicknesses and wall finishes



B349ADJ

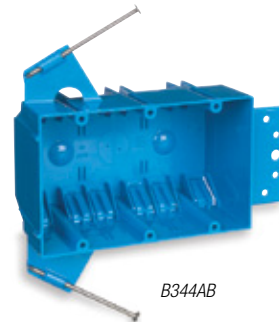
Three-Gang Adjustable 49.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B349ADJ	49.0	Adjustable Bracket	Adjusts 0"–1¼"	5 ¹³ / ₁₆ L x 3 ³ / ₈ W x 3 D	16

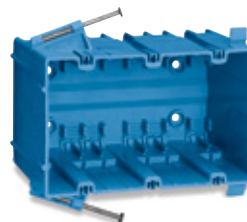
Three-Gang Nail-On — For New Work

Three-Gang Nail-On 44.0–56.5 Cu. In.

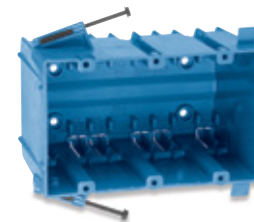
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B344AB	44.0	Captive Nails and Bracket Support	—	5" L x 3 ³ / ₄ W x 2 ¹ / ₁₆ D	30
SN-357	56.5	Compound Angled Nails	¾" Offset Wallboard Tabs Molded Fast Clamp	5 ¹³ / ₁₆ L x 3 ³ / ₈ W x 3 ³ / ₁₆ D	20
SN-357-FS	56.5	Compound Angled Nails	¾" Offset Wallboard Tabs Molded Fast Clamps/Fast Set	5 ¹³ / ₁₆ L x 3 ³ / ₈ W x 3 ³ / ₁₆ D	20



B344AB



SN-357-FS

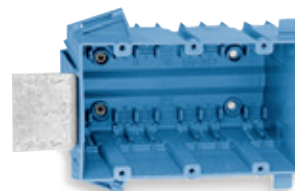


SS-357

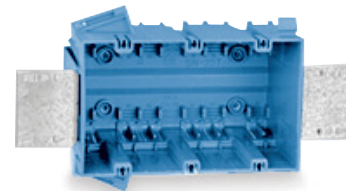
Three-Gang Bracket — For New Work

Three-Gang Bracket 56.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
SB-357	56.5	One ¾" Offset Bracket for Wood/Steel Studs	¾" Wallboard Tabs Molded Fast Clamps/Fast Set	3 ³ / ₈ L x 5 ¹³ / ₁₆ W x 3 ³ / ₁₆ D	30
SB2-357-FS	56.5	Two ¾" Offset Brackets for Wood/Steel Studs	¾" Wallboard Tabs Molded Fast Clamps/Fast Set	3 ³ / ₈ L x 5 ¹³ / ₁₆ W x 3 ³ / ₁₆ D	20



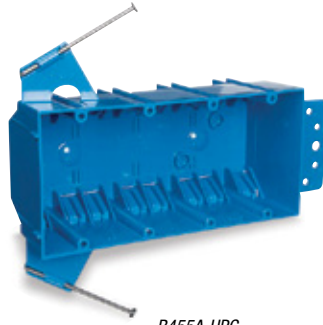
SB-357



SB2-357-FS

Carlton® Blue™ PVC Boxes

Four-Gang Nail-On — For New Work



B455A-UPC



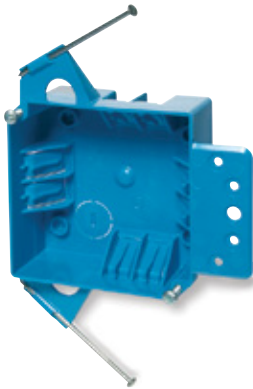
B455AH

Four-Gang Nail-On 55 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B455AH	55.0	Captive Nails, Bracket Support and Hanger Bar	—	7 $\frac{1}{2}$ L x 3 $\frac{3}{16}$ W x 2 $\frac{1}{2}$ D	25
B455A-UPC	55.0	Captive Nails and Bracket Support	—	7 $\frac{1}{2}$ L x 3 $\frac{3}{16}$ W x 2 $\frac{1}{2}$ D	25

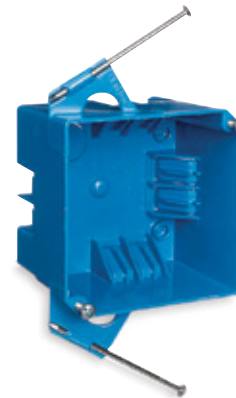
4" Square — For New Work



B418A-UPC



4S-812C



B432A-UPC

4" Square 18.0–32.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
4S-812C	18.0	Angled Side Nails	—	1 $\frac{1}{16}$ D x 4 W x 4 L	100
B418A-UPC	18.0	Captive Nails	—	1 $\frac{1}{2}$ D x 4 W x 4 L	75
B432A-UPC	32.0	Captive Nails	—	2 $\frac{1}{2}$ D x 4 W x 4 L	50

Carlton® Blue™ PVC Boxes

One-Gang — For Old Work

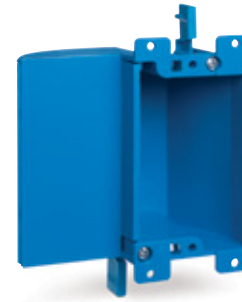
Boxes & Covers — Carlton® Non-Metallic Boxes



B114R-UPC



B108R-UPC

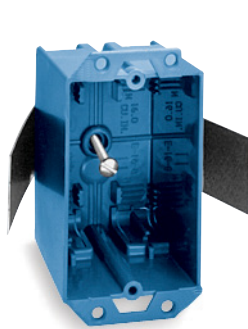


B117RSW

One-Gang 8.0–17.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B108R-UPC •	8.0	Mounting Ears	—	3 $\frac{1}{2}$ L x 2 $\frac{1}{4}$ W x 1 $\frac{1}{4}$ D	25
B114R-UPC •	14.0	Mounting Ears and Swing Clamps	—	4 $\frac{1}{2}$ L x 2 $\frac{1}{4}$ W x 2 $\frac{3}{4}$ D	50
B117RSW •	17.0	Mounting Ears and Swing Clamps	Access Panel	3.64 L x 4.07 W x 2.00 D (2.20 opening)	30

• Not UL Classified for Fire Resistance.



E-16-8



E18-4



B120R

One-Gang 16.0–20.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
E-16-8	16.0	Thermoplastic Molded Ears #4 Snap-In	Molded Fast Clamps	3 $\frac{1}{2}$ L x 2 $\frac{1}{4}$ W x 2 $\frac{1}{16}$ D	50
E-18-4	18.0	Thermoplastic Molded Ears #4 Swing Brackets	Integral Molded V-Clamp	3 $\frac{3}{16}$ L x 2 $\frac{7}{16}$ W x 2 $\frac{1}{4}$ D	100
B120R •	20.0	Mounting Ears and Swing Bracket	—	4 $\frac{1}{8}$ L x 2 $\frac{5}{16}$ W x 3 $\frac{3}{8}$ D	50

• Not UL Classified for Fire Resistance.

Carlton® Blue™ PVC Boxes

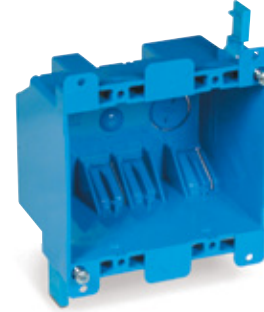
Two-Gang — For Old Work

Two-Gang 25.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B225R-UPC •	25.0	Mounting Ears and Two Swing Clamps	—	3 ¹ / ₆ L x 3 ¹ / ₂ W x 2 ¹ / ₄ D	30

• Not UL Classified for Fire Resistance.



B225R-UPC

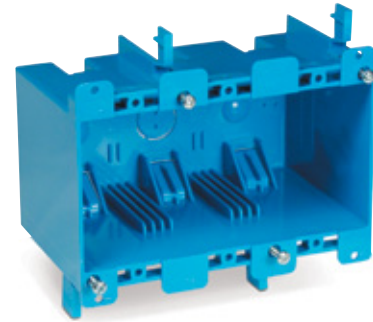
Three-Gang — For Old Work

Three-Gang 55.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B355R •	55.0	Mounting Ears and Two Swing Clamps	—	5.72 L x 2.79 W x 3.69 D	6

• Not UL Classified for Fire Resistance.



B355R

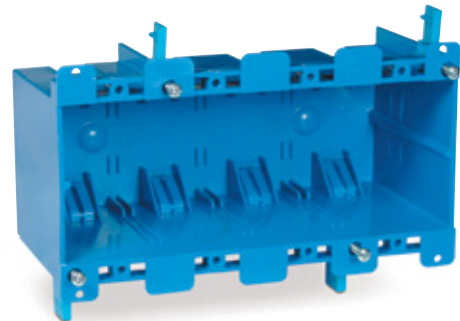
Four-Gang — For Old Work

Four-Gang 68.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B468R •	68.0	Mounting Ears and Two Swing Clamps	—	7.57 L x 2.89 W x 3.56 D	6

• Not UL Classified for Fire Resistance.



B468R

Carlton® SuperBlue® Boxes

Carlton® SuperBlue® Boxes

Combine the features of the hard-shell thermoset box and the thermoplastic PVC-style box to create a “new” rigid non-metallic wiring box. Molded out of specially formulated thermoplastic material, Carlton® SuperBlue® boxes are so strong they won’t crack or break in extreme environments. So rigid that they resist flexing and hold their shape even in the most challenging applications. The boxes are designed to nest inside each other to take up less space on the shelf or in the truck, while still providing the largest wirefill capacity in their class.

- All PVC boxes are listed to UL514C
- All PVC boxes are listed for masonry walls
- All PVC boxes are UL® Classified for two-hour fire wall and/or fire ceiling
- All PVC boxes meet NEMA OS-2
- All PVC boxes are permissible for use with 90° C conductors
- UL File E11461 and R9140

One-Gang — For New Work

One-Gang 22.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH122A-UPC	22.0	Nails	One-Gang	3.55 L x 2.11 W x 3.63 D	100
BH122S	22.0	Screws	One-Gang	3.55 L x 2.11 W x 3.63 D	100

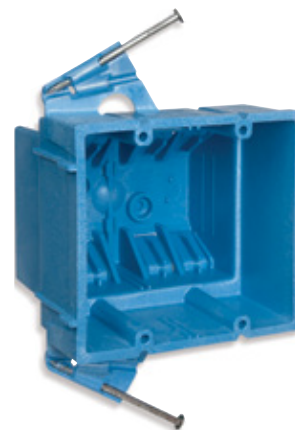


BH122A-UPC

Two-Gang — For New Work

Two-Gang 35.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH235A	35.0	Nails	Two-Gang	3.55 L x 2.11 W x 3.50 D	48
BH235S	35.0	Screws	Two-Gang	3.55 L x 2.11 W x 3.50 D	48



BH235A

Carlton® SuperBlue® Boxes

Three-Gang — For New Work

Three-Gang 53 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH353A	53.0	Nails	Three-Gang	3.53 L x 5.66 W x 3.50 D	24
BH353S	53.0	Screws	Three-Gang	3.53 L x 5.66 W x 3.50 D	24



BH353A

Four-Gang — For New Work

Four-Gang 64 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH464A	64.0	Nails	Four-Gang	3.53 L x 7.46 W x 3.18 D	36
BH464S	64.0	Screws	Four-Gang	3.53 L x 7.46 W x 3.18 D	36



BH464A

One-Gang — For Old Work

One-Gang 18.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH118R •	18.0	Mounting Ears & Swing Clamps	One-Gang	4.30 L x 2.56 W x 3.64 D	36

• Not UL Classified for Fire Resistance.



BH118R

Two-Gang — For Old Work

Two-Gang 34.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH234R •	34.0	Mounting Ears & Swing Clamps	Two-Gang	4.30 L x 4.36 W x 3.59 D	18

• Not UL Classified for Fire Resistance.



BH234R

Carlton® SuperBlue® Boxes

Ceiling Boxes

Boxes & Covers — Carlton® Non-Metallic Boxes

3/0–4/0 Combination 25.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH525A-UPC •	25.0	Nails	Ceiling Box	4 Dia. x 3.00 D	48
BH525P •	25.0	Nails and Grounding Lug	Ceiling Box	4 Dia. x 3.00 D	24

• Listed for fixture support up to 50 lbs.



BH525A-UPC

BH525P

Fan Box 25.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH525L •	25.0	Nails	Ceiling Fan Box	4 Dia. x 3.06 D	24
BH525LP •	25.0	Grounding Lug with Nails	Ceiling Fan Box	4 Dia. x 3.00 D	24

• Listed for fan support up to 35 lbs. and fixture support up to 50 lbs.



BH525L

Ceiling Box with Hanger Bar 25.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH525H •	25.0	Hanger Bar 11½"–18½"	Ceiling Box	4 Dia. x 2.95 D	20
BH525HP •	25.0	Hanger Bar 11½"– 18½", Grounding Lug	Ceiling Box	4 Dia. x 2.95 D	20

• Listed for fixture support up to 50 lbs.



BH525H

3½" 14.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
BH614R • †	14.5	Base, Ears & Snap-In Bracket	Round Old/ New Work Box	3½ Dia.	24
BH614RP • †	14.5	Base, Ears & Snap-In Bracket	Round Old/New Work Box w/ Ground Lug	3½ Dia.	24

• Listed for wall fixture support up to 10 lbs.

† Tighten screws to 10 in.-lbs.



BH614R

Polycarbonate Boxes

Carlton® Black Polycarbonate Boxes

Carlton® non-metallic boxes feature a rugged polycarbonate construction to withstand extreme temperatures. The boxes will not distort or soften in heat and they won't become brittle in the cold.

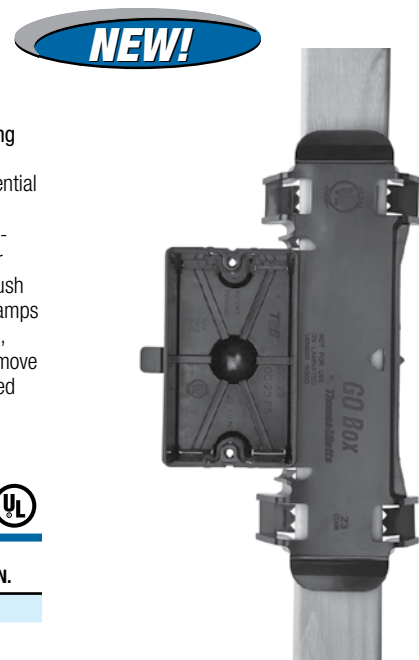
- All Polycarbonate boxes are listed to UL514C
- All Polycarbonate boxes are listed for masonry walls
- All Polycarbonate boxes are UL® Classified for 2-hr. fire wall and/or fire ceiling
- All Polycarbonate boxes meet NEMA OS-2
- All Polycarbonate boxes are permissible for use with 90° C conductors
- UL® File E11461 and R9140

Grip-On GO Box® Single-Gang Outlet Box

- Instead of nails or other fasteners, unique clamps are used to hold the box securely in place. Simply push onto the stud and go
- The GO Box® outlet box is removable for easy repositioning
- "Fast-Set" mounting holes enable quick installation of devices
- Perfectly aligned every time
- Perfect for drywall depth
- A locator hole in the mounting bracket helps position the box on marked studs for accurate installation

- The GO Box® design is UL® Listed
- 23.0 cu. in. capacity accommodates large devices and enables easy installation of wiring

It's a whole new ball game for high-volume residential products. That's because the Carlton® GO Box® product line is one of the most revolutionary labor-saving products ever designed. The GO stands for "Grip-On" and that's exactly how it works. Just push the box onto a stud and the specially designed clamps hold it in place. No tools or fasteners are required, reducing installation time, which means you can move on to the next job. When it comes to lower installed costs, this changes everything!



One-Gang 23.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
GO-23	23.0	Grip-On Bracket	—	3¼ L x 2½ W x 2½ D	30
GO-23-FS	23.0	Grip-On Bracket	Fast-Set	3¼ L x 2¼ W x 2¼ D	30

One-Gang Nail-On 18.0–22.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
118-N	18.0	Angled Side Nails	—	3¼ L x 2¼ W x 2½ D	100
120-N	20.3	Angled Side Nails	—	3¼ L x 2¼ W x 3¼ D	100
120-N-FS	20.3	Angled Side Nails	Fast-Set	3¼ L x 2¼ W x 3¼ D	100
122-N	22.5	Angled Side Nails	—	3¼ L x 2¼ W x 3¼ D	100
122-N-FS	22.5	Angled Side Nails	Fast-Set	3¼ L x 2¼ W x 3¼ D	100

Polycarbonate Boxes

New Work Boxes

Boxes & Covers — Carlton® Non-Metallic Boxes

One-Gang Brackets 18.0–22.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
118-LB	18.0	Molded Side Bracket for Wood/Steel Studs	—	3¾ L x 2¼ W x 2½ D	100
118-LBP	18.0	Molded Side Bracket for Wood/Steel Studs	POSI-SET® Fast-Set	3¾ L x 2¼ W x 2½ D	100
120-LB	20.3	Molded Side Bracket for Wood/Steel Studs	—	3¾ L x 2¼ W x 3⅝ D	100
120-LBP	20.3	Molded Side Bracket for Wood/Steel Studs	POSI-SET® Fast-Set	3¾ L x 2¼ W x 3⅝ D	100
122-LB	22.5	Molded Side Bracket for Wood/Steel Studs	—	3¾ L x 2¼ W x 3¾ D	100
122-LBP	22.5	Molded Side Bracket for Wood/Steel Studs	POSI-SET® Fast-Set	3¾ L x 2¼ W x 3¾ D	100



118-LB



118-LBP



120-LB



120-LBP



122-LB



122-LBP

Two-Gang Nail-On 34.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
234-N	34.0	Angled Side Rails	POSI-WEDGE® Cable Clamps	3¾ L x 4 W x 3½ D	50
234-NP	34.0	Angled Side Rails	POSI-WEDGE® POSI-SET®	3¾ L x 4 W x 3½ D	50



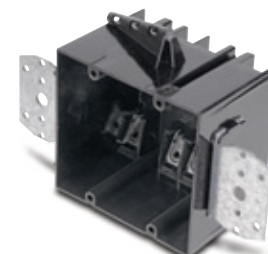
234-N



234-NP

Two-Gang Bracket 34.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
234-LB	34.0	Steel Side Bracket for Wood/Steel Studs	POSI-WEDGE® Cable Clamps	3¾ L x 4 W x 3½ D	50



234-LB

Polycarbonate Boxes

New Work Boxes

Three-Gang Nail-On 45.0 Cu. In.

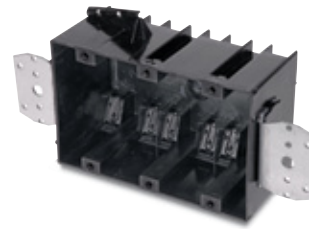
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
345-N	45.0	Angled Side Nails & Steel Side Brackets	POSI-WEDGE® Cable Clamps	3¾ L x 5¼ W x 2¼ D	20



345-N

Three-Gang Bracket 45 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
345-LB	45.0	Steel Side Bracket for Wood/Steel Studs	POSI-WEDGE® Cable Clamps	3¾ L x 5¼ W x 2¼ D	25



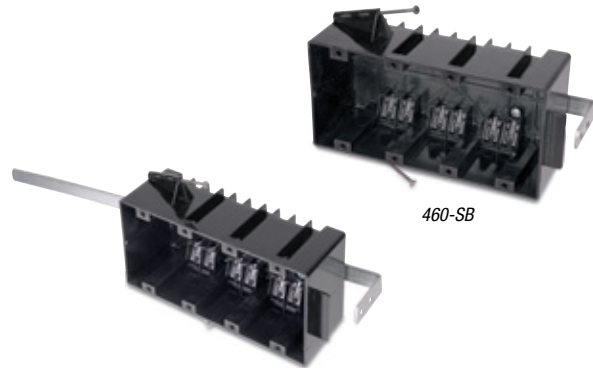
345-LB

Four-Gang Nail-On 60 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
460-SB	60.0	Angled Side Nails & Back Bracket	POSI-WEDGE® Cable Clamps	3¾ L x 7¼ W x 2¼ D	10
460-SB-24 •*	60.0	Angled Side Nails & Back Bracket	POSI-WEDGE® Cable Clamps	3¾ L x 7¼ W x 2¼ D	10

• 24" adjustable bracket.

* Not UL Classified for fire wall and/or fire ceiling



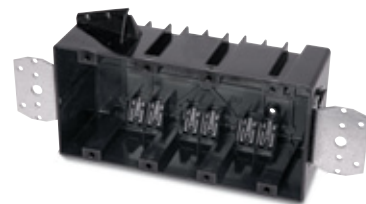
460-SB

460-SB-24

Four-Gang Bracket 60 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
460-LB	60.0	Steel Side Brackets	POSI-WEDGE® Cable Clamps	3¾ L x 7¼ W x 2¼ D	8

* Not UL Classified for fire wall and/or fire ceiling



460-LB

Polycarbonate Boxes

New Work Box

4" Square Boxes 32.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
4S-32-N	32.0	Angled Side Nails	POSI-WEDGE® Cable Clamps	4 L x 4 W x 3 $\frac{3}{16}$ D	50



4S-32-N

Old Work Boxes

One-Gang 14.0 Cu. In.

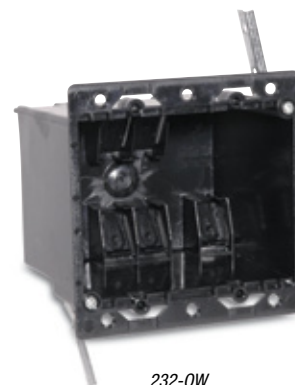
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
114-OW	14.0	Swing-Ear Brackets	—	3 $\frac{3}{4}$ L x 2 $\frac{1}{4}$ W x 3 D	50



114-OW

Two-Gang 32.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
232-OW	32.0	Swing-Ear Brackets	POSI-WEDGE® Cable Clamps	3 $\frac{3}{8}$ L x 4 $\frac{1}{16}$ W x 3 $\frac{3}{16}$ D	50



232-OW

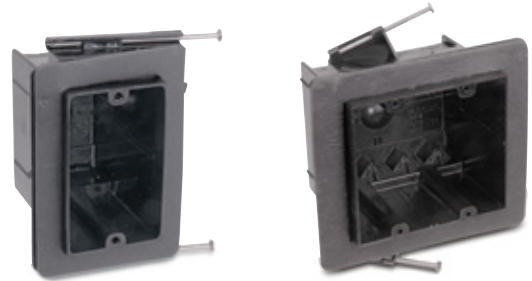
Boxes & Covers — Carlton® Non-Metallic Boxes

Polycarbonate Boxes

Energy-Efficient Vapor Barrier Boxes

Vapor-barrier boxes are designed to meet the energy-efficiency requirements of modern homes. They feature a drywall flange covered with a foam gasket and additional gaskets over the cable entry points. These gaskets provide a vapor-tight seal, preventing the free flow of air through the box. This helps control heating costs in the winter and cooling costs in the summer.

- High-strength polycarbonate construction — will not shatter when cold or distort in heat
- V-clamps provide self-clamping cable entry (multi-gang and fan/fixture box)
- ½" offset flange to ensure a flush fit in ½" drywall
- Angled side nails for rapid installation
- Pre-drilled flanges for additional mounting options



FN-23

FN-236-V



FN-354-V

FN-460-V

One-, Two-, Three- and Four-Gang



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
FN-23	22.5	Angled Side Nails	Vapor Barrier	3 5/8 L x 2 1/4 W x 3 5/8 D	50
FN-236-V	36.0	Angled Side Nails	Vapor Barrier	3 1/2 x 4 x 3 3/4 D	50
FN-354-V	54.0	Angled Side Nails	Vapor Barrier	3 1/2 x 5 5/8 x 3 1/4 D	20
FN-460-V*	60.0	Angled Side Nails	Vapor Barrier	3 1/2 x 7 1/2 x 2 3/4 D	10

*Not UL Classified for fire wall and/or fire ceiling.



FN-426-C-V

Ceiling Fixture Box 26.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
FN-426-C-V	26.0	Angled Side Nails	—	4 L x 4 W x 2 3/4 D	50

Listed for fixture support up to 50 lbs.



FN-CFB

Ceiling Fan/Fixture 26.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
FN-CFB	26.0	#3 Bracket	—	4 L x 4 W x 2 3/4 D	50

Listed for fan support up to 35 lbs. and fixture support up to 50 lbs.

Voltage Partition



CAT. NO.	DESCRIPTION	STD. CTN.
FNP	Voltage Partition for NG & FN Series Multi-Gang Boxes	50

Polycarbonate Boxes

Saddle-Type Fan/Fixture 16.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
CFB-16-F	16.0	Center Screw	Ceiling Fan/Fixture	4 L x 4 W x 3 ³ / ₁₆ D	50

Listed for fan support up to 70 lbs. and fixture support up to 70 lbs.



CFB-16-F

Universal Flanged Nail-On Boxes



Two-, Three- and Four-Gang

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
NG-236-V •	36.0	Angled Side Nails	2-Gang Wall	3 ¹ / ₂ L x 4 W x 3 ¹ / ₄ D	50
NG-354-V •	54.0	Angled Side Nails	3-Gang Wall	3 ¹ / ₂ L x 5 ³ / ₄ W x 3 ¹ / ₄ D	20
NG-460-V •*	60.0	Angled Side Nails	4-Gang Wall	3 ¹ / ₂ L x 7 ¹ / ₂ W x 2 ³ / ₄ D	10

• NG Boxes have 1/2" offset wallboard flange and V-type cable entry.

* Not UL Classified for fire wall and/or fire ceiling.



NG-236-V



NG-354-V



NG-460-V

Voltage Partition



CAT. NO.	DESCRIPTION	STD. CTN.
FNP	Voltage Partition for NG & FN Series Multi-Gang Boxes	50



1-800-453-1692

www.aboveboardelectronics.com

Polycarbonate Boxes

Ceiling Boxes

All ceiling boxes are produced from a high heat-resistant material developed specifically for fixture support applications.

- Meets NEMA OS-2
- UL Listed to UL 514C



N-321-GC



N-321-C



3½" 20.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
N-321-C •	20.5	Angled Side Nails	Molded Fast Clamps	3½ Dia. x 3¼ D	50
N-321-GC •	20.5	Angled Side Nails	Molded Fast Clamps, Ground Strap Installed	3½ Dia. x 3¼ D	50

- Listed for fixture support up to 50 lbs.



N-423-C-V



N-423-GC-V



4" 22.5 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
N-423-C-V •	22.5	Angled Side Nails	Molded V-Clamps	4 Dia. x 2½ D	50
N-423-GC-V •	22.5	Angled Side Nails	Molded Fast Clamps	4 Dia. x 2½ D	50

- Listed for fixture support up to 50 lbs.



Request Info



1-800-453-1692

www.aboveboardelectronics.com

Polycarbonate Boxes



B518P-UPC



3/0 18 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B518A-UPC •	18.0	Captive Nails	—	3 Dia. x 2¼ D	75
B518P-UPC •	18.0	Captive Nails	Ground Lug and Screw Attached	3 Dia. x 2¼ D	75

• Listed for fixture support up to 50 lbs.



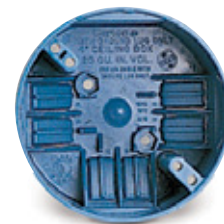
B520A-UPC



B620L-UPC



B520P-UPC



B720R-SHK
35 lbs. maximum fan weight



3/0–4/0 Combination 20 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B520A-UPC •	20.0	Captive Nails	Ground Lug and Screw Attached Fixture Spacing for 2¾" and 3"	4 Dia. x 2¼ D	75
B520P-UPC •	20.0	Captive Nails	Ground Lug and Screw Attached	4 Dia. x 2¼ D	75
B620L-UPC •	20.0	Metal L Bracket	Fixture Spacing for 2¾" and 3½"	4 Dia. x 2¼ D	100
B720R-SHK •	20.0	Mounting Screws	—	4 Dia. x 2¼ D	18

• Listed for fixture support up to 50 lbs.



Request Info



1-800-453-1692

www.aboveboardelectronics.com

Polycarbonate Boxes

Ceiling Boxes with Bar Hanger

- Meets NEMA OS-2



N-321-C-94



N-321-GC-94



N-321-C-95



N-321-GC-95

3½" 20.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
N-321-C-94 •	20.5	16" Bar Hanger, 12¼" Min.–19" Max.	Molded Fast Clamps	3½ Dia. x 3½ D	50
N-321-GC-94 •	20.5	16" Bar Hanger, 12¼" Min.–19" Max.	Molded Fast Clamps, Ground Strap Installed	3½ Dia. x 3½ D	50
N-321-C-95 •	20.5	24" Bar Hanger, 16½" Min.–27" Max.	Molded Fast Clamps	3½ Dia. x 3½ D	50
N-321-GC-95 •	20.5	24" Bar Hanger, 16½" Min.–27" Max.	Molded Fast Clamps, Ground Strap Installed	3½ Dia. x 3½ D	50

- Listed for fixture support up to 50 lbs.



N-423-C-94-V



N-423-GC-94-V



N-423-C-95-V



N-423-GC-95-V

4" 22.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
N-423-C-94-V •	22.5	16" Bar Hanger, 12¼" Min.–19" Max.	Molded Fast Clamps	4 Dia. x 2½ D	50
N-423-GC-94-V •	22.5	16" Bar Hanger, 12¼" Min.–19" Max.	Molded Fast Clamps, Ground Strap Installed	4 Dia. x 2½ D	50
N-423-C-95-V •	22.5	24" Bar Hanger, 16½" Min.–27" Max.	Molded Fast Clamps	4 Dia. x 2½ D	50
N-423-GC-95-V •	22.5	24" Bar Hanger, 16½" Min.–27" Max.	Molded Fast Clamps, Ground Strap Installed	4 Dia. x 2½ D	50

- Listed for fixture support up to 50 lbs.

Polycarbonate Boxes



B620DC



B620HG-UPC



B620K



B620H-UPC



B620KG-UPC

3/0–4/0 Combination 20.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B620DC •	20.0	24" T-Grid Bar Hanger	Ceiling Box Fixture Spacing for 2¾" and 3½"	4 Dia. x 2¼ D	18
B620HG-UPC •	20.0	11.50"–14.50" Adjustable Bar Hanger Ground Lug and Screw Attached	Ceiling Box Fixture Spacing for 2¾" and 3½"	4 Dia. x 2¼ D	75
B620H-UPC •	20.0	11.50"–14.50" Adjustable Bar Hanger	Ceiling Box Fixture Spacing for 2¾" and 3½"	4 Dia. x 2¼ D	75
B620K •	20.0	14.38"–22.50" Adjustable Bar Hanger	Ceiling Box Fixture Spacing for 2¾" and 3½"	4 Dia. x 2¼ D	75
B620KG-UPC •	20.0	14.38"–22.50" Adjustable Bar Hanger Ground Lug and Screw Attached	Ceiling Box Fixture Spacing for 2¾" and 3½"	4 Dia. x 2¼ D	75

• Listed for fixture support up to 50 lbs.



Request Info



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Polycarbonate Boxes

Ceiling Boxes



3R-16-N



3R-16-NGP

3½" Nail-On 16.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3R-16-N •	16.0	Angled Nails	POSI-WEDGE® Cable Clamps	2¼	50
3R-16-NGP •	16.0	Angled Nails	POSI-WEDGE® Cable Clamps	2¼	50

• Listed for fixture support up to 50 lbs.



3R-16-BH



3R-16-BHGP

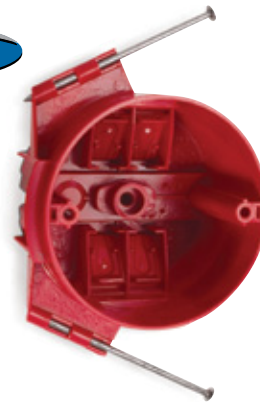
3½" Ceiling Box with Bar Hanger 16.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3R-16-BH •	16.0	Adjustable 16"–24" Bar Hanger	POSI-WEDGE® Cable Clamps	2¼	25
3R-16-BHGP •	16.0	Adjustable 16"–24" Bar Hanger	POSI-WEDGE® Cable Clamps	2¼	25

• Listed for fixture support up to 50 lbs.

NEW!



3R-16-N-RED

3½" Fire Alarm Nail-On 16.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3R-16-N-RED •	16.0	Angled Nails	POSI-WEDGE® Cable Clamps	2¼	50

• Red ceiling box for fire alarm applications.

• Listed for fixture support up to 50 lbs.

Polycarbonate Boxes

Saddle-Type Ceiling Fan Boxes



CFB-12



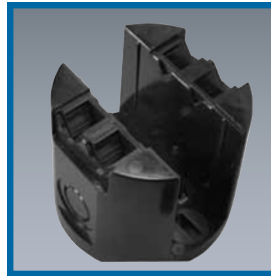
Easy press-fit onto the joist. Integrally molded ribs grip the joist and stop the box from falling.



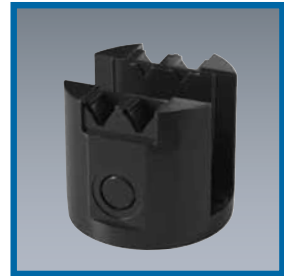
Just one hand is required to mount the box using the pre-located mounting screw.



CFB-16



Integrally molded cable V-clamps provide easy and secure clamping for non-metallic cables.



CFB-16 features 1/2" KOs in addition to V-clamps.

Saddle-Type Fan 12.0–16.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DEPTH (IN.)	STD. CTN.
CFB-12 •	12.0	Non-Metallic Saddle-Type Ceiling Fan Box with V-Clamps for Non-Metallic Sheathed Cable	2 1/4	50
CFB-16 •	16.0	Non-Metallic Saddle-Type Ceiling Fan Box with V-Clamps for Non-Metallic Sheathed Cable and Two 1/2" KOs	2 1/4	50

• Listed for fan support up to 70 lbs. and fixture support up to 70 lbs.

Old Work

4" Round 18.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
B618R-UPC •	18.0	Swing Clamps	—	4 1/4 Dia.	100
B618RP-UPC •	18.0	Swing Clamps	Ground Lug	4 1/4 Dia.	100

• Not UL Classified for Fire Resistance or used for fixture support in the ceiling.



B618R-UPC

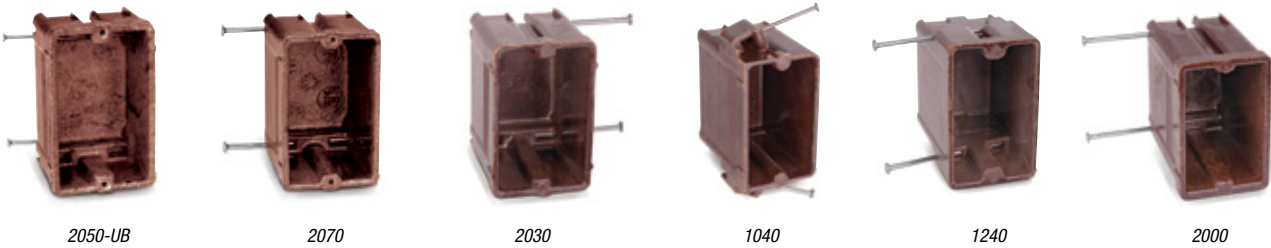
Phenolic Boxes

Carlton® Brown Phenolic Boxes

New Fire Rating! Carlton® phenolic boxes can be installed in the same stud cavity of a shared two-hour wall. They may also face opposite directions with only a 3" horizontal separation — ideal for multi-family construction!

- All Phenolic boxes are listed to UL514C
- All Phenolic boxes are listed for masonry walls
- All Phenolic boxes are UL® Classified for 2-hr. fire wall and/or fire ceiling
- All Phenolic boxes meet NEMA OS-2
- All Phenolic boxes are permissible for use with 90° C conductors
- UL® File E11461 and R9140

One-Gang Nail-On 9.0–18.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
2050-UB	9.0	Bottom Nails	—	3 ⁷ / ₁₆ L x 2 ¹ / ₄ W x 1 ¹³ / ₁₆ D	100
2070	14.0	Bottom Nails	—	3 ⁷ / ₁₆ L x 2 ¹ / ₄ W x 2 ⁵ / ₈ D	100
2030	16.0	Bottom Nails	—	3 ⁷ / ₁₆ L x 2 ¹⁵ / ₃₂ W x 2 ¹³ / ₁₆ D	100
1040	18.0	Compound Angled Nails	—	3 ⁷ / ₁₆ L x 2 ¹ / ₂ W x 3 ¹ / ₈ D	100
1240	18.0	Recessed Angled Nails	—	3 ¹ / ₁₆ L x 2 ¹ / ₄ W x 3 ⁷ / ₁₆ D	100
2000	18.0	Bottom Nails	"Classic"	3 ¹ / ₁₆ L x 2 ¹ / ₄ W x 3 ¹ / ₈ D	100

One-Gang Nail-On 20.3–22.5 Cu. In.



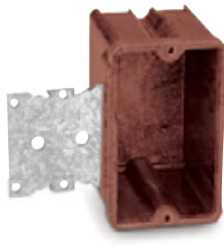
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
1250-UB	20.3	Recessed Angled Nails	—	3 ⁷ / ₁₆ L x 2 ¹ / ₂ W x 3 ¹ / ₈ D	100
1250-UB-S	20.3	Recessed Angled Nails	—	3 ⁷ / ₁₆ L x 2 ¹ / ₂ W x 3 ¹ / ₈ D	100
1050-UB	21.0	Compound Angled Nails	—	3 ⁷ / ₁₆ L x 2 ⁵ / ₁₆ W x 3 ¹ / ₈ D	50
1260	22.5	Recessed Angled Nails	—	3 ⁷ / ₁₆ L x 2 ³ / ₈ W x 3 ²¹ / ₃₂ D	50
1260-S	22.5	Recessed Angled Nails	—	3 ⁷ / ₁₆ L x 2 ³ / ₈ W x 3 ²¹ / ₃₂ D	50

Phenolic Boxes

One-Gang Brackets 16.0–20.3 Cu. In.



2030-502



2030-702



2000-738



1250-112



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
2030-502	16.0	½" Offset Bracket for Wood/Steel Studs	—	3% L x 2¼ W x 2¼ D	100
2030-702	16.0	¼" Offset Bracket for Wood/Steel Studs	—	3% L x 2¼ W x 2¼ D	100
2000-738	18.0	¾" Offset Bracket for Wood/Steel Studs	—	3% L x 2¼ W x 2¼ D	100
1250-112	20.3	½" Offset Bracket for Wood/Steel Studs	—	3% L x 2¼ W x 2¼ D	50

Two-Gang Nail-On 27.5–40.5 Cu. In.



1032-C



1032-UB



1052-C



1052-C-SQ



1052-PC



1052-UB



1072



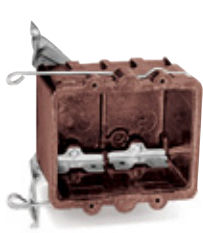
1072-C



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
1032-C	27.5	Compound Angled Nails	High Clamps	3% L x 4¼ W x 2¼ D	50
1032-UB	27.5	Compound Angled Nails	#36 Clamps, Bulk Packed	3% L x 4¼ W x 2¼ D	50
1052-C	32.5	Compound Angled Nails	High Clamps	3% L x 4¼ W x 2¼ D	50
1052-C-SQ	32.5	Angled Screws	High Clamps	3% L x 4¼ W x 2¼ DD	50
1052-PC	32.5	Compound Angled Nails	Non-Metallic Clamps	3% L x 4¼ W x 2¼ D	50
1052-UB	32.5	Compound Angled Nails	#36 Clamps, Bulk Packed	3% L x 4¼ W x 2¼ D	50
1072	40.5	Compound Angled Nails	#36 Clamps, Bulk Packed	3% L x 4¼ W x 2¼ D	50
1072-C	40.5	Compound Angled Nails	High Clamps	3% L x 4¼ W x 2¼ D	50
1072-C-SQ	40.5	Angled Screws	High Clamps	3% L x 4¼ W x 2¼ D	50
1072-PC	40.5	Compound Angled Nails	Non-Metallic Clamps	3% L x 4¼ W x 2¼ D	50

Phenolic Boxes

Two-Gang Brackets 24.0–34.0 Cu. In.



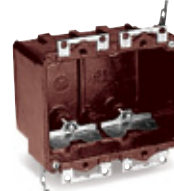
7072-2



7072-202



7072-N02



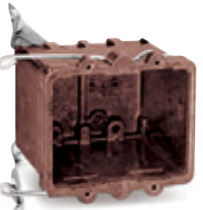
6062-402



6062-4-UB



7002-2



7002-202



2002-738



2002-738-C



2002-R-C



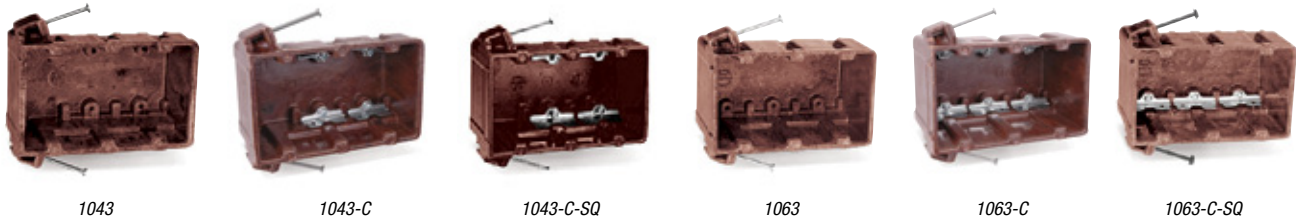
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
7072-2	24.0	#2 Bottom Bracket and Wire Support	High Clamps	3 ¹ / ₁₆ L x 4 W x 2 ³ / ₄ D	50
7072-202	24.0	#2 Bottom Bracket and Wire Support	#36 Clamps, Bulk Packed	3 ¹ / ₁₆ L x 4 W x 2 ³ / ₄ D	50
7072-N02	24.0	"N" Bracket	#36 Clamps	3 ¹ / ₁₆ L x 4 W x 2 ³ / ₄ D	50
6062-402	25.0	Ears, #4 Swing Bracket	#36 Clamps, Bulk Packed	3 ³ / ₈ L x 4 ¹ / ₁₆ W x 2 ¹ / ₂ D	50
6062-4-UB	25.0	Ears, #4 Swing Bracket	High Clamps	3 ³ / ₈ L x 4 ¹ / ₁₆ W x 2 ¹ / ₂ D	50
6062-4-UB-SQ	25.0	Angled Screws	High Clamps	3 ³ / ₈ L x 4 ¹ / ₁₆ W x 2 ¹ / ₂ D	50
7002-2	32.5	#2 Bottom Bracket and Wire Support	High Clamps	3 ¹ / ₄ L x 4 W x 3 ⁵ / ₈ D	50
7002-202	32.5	#2 Bottom Bracket and Wire Support	#36 Clamps, Bulk Packed	3 ¹ / ₄ L x 4 W x 3 ⁵ / ₈ D	50
2002-738	34.0	3 ¹ / ₈ " Offset Brackets for Wood/Steel Studs & #36 Clamps, Bulk Packet	3 ¹ / ₈ " Offset Wallboard Tabs	3 ¹ / ₁₆ L x 4 ³ / ₁₆ W x 3 ¹ / ₄ D	50
2002-738-C	34.0	3 ¹ / ₈ " Offset Brackets for Wood/Steel Studs Tabs & High Clamps	3 ¹ / ₈ " Offset Wallboard	3 ¹ / ₁₆ L x 4 ³ / ₁₆ W x 3 ¹ / ₄ D	50
2002-R-C	34.0	"R" Bracket	High Clamps	3 ³ / ₈ L x 4 ⁵ / ₁₆ W x 3 ¹ / ₄ D	50



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Phenolic Boxes

Three-Gang Nail-On 42.9–58.5 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
1043	42.9	Compound Angled Nails	#36 Clamps, Bulk Packed	3 ³ / ₈ L x 5 ⁷ / ₈ W x 2 ¹ / ₄ D	20
1043-C	42.9	Compound Angled Nails	High Clamps	3 ³ / ₈ L x 5 ⁷ / ₈ W x 2 ¹ / ₄ D	20
1043-C-SQ	42.9	Angled Screws	High Clamps	3 ³ / ₈ L x 5 ⁷ / ₈ W x 2 ¹ / ₄ D	20
1063	58.5	Compound Angled Nails	#36 Clamps, Bulk Packed	3 ⁷ / ₈ L x 5 ¹ / ₈ W x 3 ¹ / ₂ D	20
1063-C	58.5	Compound Angled Nails	High Clamps	3 ⁷ / ₈ L x 5 ¹ / ₈ W x 3 ¹ / ₂ D	20
1063-C-SQ	58.5	Compound Angled Screws	High Clamps	3 ⁷ / ₈ L x 5 ¹ / ₈ W x 3 ¹ / ₂ D	20

Three-Gang Brackets 35.5–37.0 Cu. In.



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
7073-2	35.5	#2 Bottom Bracket and Wire Support	High Clamps	3 ³ / ₈ L x 5 ¹ / ₈ W x 2 ⁵ / ₈ D	100
7073-202	35.5	#2 Bottom Bracket and Wire Support	#36 Clamps, Bulk Packed	3 ³ / ₈ L x 5 ¹ / ₈ W x 2 ⁵ / ₈ D	100
7073-238-02	35.5	Two 3/8" Offset Brackets for Wood/Steel Studs	#36 Clamps, Bulk Packed	3 ³ / ₈ L x 5 ¹ / ₈ W x 2 ⁵ / ₈ D	100
6063-4	37.0	Ears, #4 Swing Bracket	High Clamps	3 ³ / ₈ L x 5 ¹ / ₈ W x 2 ¹ / ₂ D	100
6063-402	37.0	Ears, #4 Swing Bracket	#36 Clamps, Bulk Packed	3 ³ / ₈ L x 5 ¹ / ₈ W x 2 ¹ / ₂ D	50



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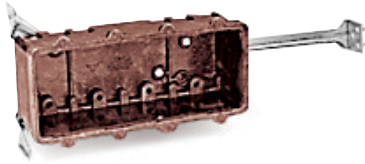
United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289

Thomas & Betts

Phenolic Boxes

Four-Gang Brackets 48.0–60.0 Cu. In.



7074-02-BH



7074-BH



2004-02-BH



2004-BH



2004-238



2004-238-02



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
7074-02 BH	48.0	Side Bracket & Stabilizing Bar	#36 Clamps, Bulk Packed	3 ⁵ / ₁₆ L x 7 ⁷ / ₈ W x 2 ⁵ / ₈ D	10
7074 BH	48.0	Side Bracket & Stabilizing Bar	High Clamps	3 ⁵ / ₁₆ L x 7 ⁷ / ₈ W x 2 ⁵ / ₈ D	10
2004-02-BH	60.0	Side Bracket & Stabilizing Bar	#36 Clamps, Bulk Packed	3 ⁵ / ₁₆ L x 7 ²³ / ₃₂ W x 3 ¹ / ₁₆ D	10
2004-BH	60.0	Side Bracket & Stabilizing Bar	High Clamps	3 ⁵ / ₁₆ L x 7 ²³ / ₃₂ W x 3 ¹ / ₁₆ D	10
2004-238	60.0	Two 3/8" Offset Brackets for Wood/Steel Studs	High Clamps	3 ⁵ / ₁₆ L x 7 ²³ / ₃₂ W x 3 ¹ / ₁₆ D	20
2004-238-02	60.0	Two 3/8" Offset Brackets for Wood/Steel Studs	#36 Clamps, Bulk Packed	3 ⁵ / ₁₆ L x 7 ²³ / ₃₂ W x 3 ¹ / ₁₆ D	20



Request Info

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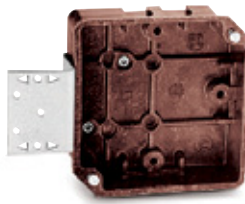
Phenolic Boxes

4" Square Boxes Nail-On Brackets 16.0–30.0 Cu. In.

Boxes & Covers — Carlton® Non-Metallic Boxes



4020-1



4020-1-02



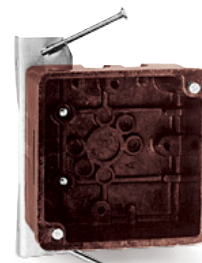
4000-02



4000-1-UB



4000-N



4000-N02



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
4020-1	16.0	½" Raised Face Bracket for Wood/Steel Studs	High Clamps	4 ⁵ / ₁₆ L x 4 ⁵ / ₁₆ W x 1 ¹ / ₄ D	50
4020-1-02	16.0	½" Raised Face Bracket for Wood/Steel Studs	#36 Clamps, Bulk Packed	4 ⁵ / ₁₆ L x 4 ⁵ / ₁₆ W x 1 ¹ / ₄ D	50
4000-02	30.0	Nails or Screws, Bulk Packed	#36 Clamps, Bulk Packed	4 ¹ / ₄ L x 4 ¹ / ₄ W x 2 ³ / ₈ D	50
4000-1-UB	30.0	½" Raised Face Bracket for Wood/Steel Studs	High Clamps	4 ¹ / ₄ L x 4 ¹ / ₄ W x 2 ³ / ₈ D	50
4000-N	30.0	"N" Bracket	High Clamps	4 ¹ / ₄ L x 4 ¹ / ₄ W x 2 ³ / ₈ D	50
4000-N02	30.0	"N" Bracket with Nails	#36 Clamps, Bulk Packed	4 ¹ / ₄ L x 4 ¹ / ₄ W x 2 ³ / ₈ D	50

Plaster Rings and Covers for 4" Square Boxes



4041



4042-12



4043



4022-12



CAT. NO.	SIZE CU. IN.	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
4041	—	4" Square Flat Back	4 ¹ / ₄ L x 4 ¹ / ₄ W x 4 ¹ / ₄ D	100
4042-12	4.0	4" Square Single-Gang Plaster Ring, ½" Offset	4 ¹ / ₄ L x 4 ¹ / ₄ W x 4 ¹ / ₄ D	100
4043	4.5	4" Square Plaster Ring for 3/4" Fixture, ½" Offset	4 ³ / ₁₆ L x 4 ³ / ₁₆ W x 4 ³ / ₁₆ D	100
4022-12	7.0	4" Square Two-Gang Plaster Ring, ½" Offset	4 ³ / ₁₆ L x 4 ³ / ₁₆ W x 4 ³ / ₁₆ D	50

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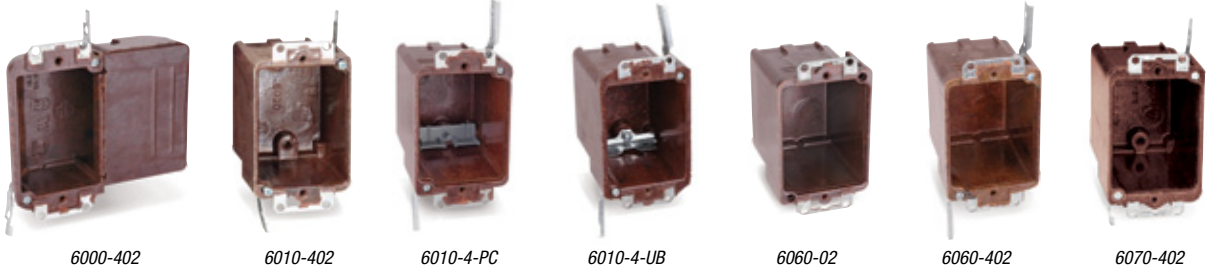
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Phenolic Boxes

One-Gang Brackets



6000-402

6010-402

6010-4-PC

6010-4-UB

6060-02

6060-402

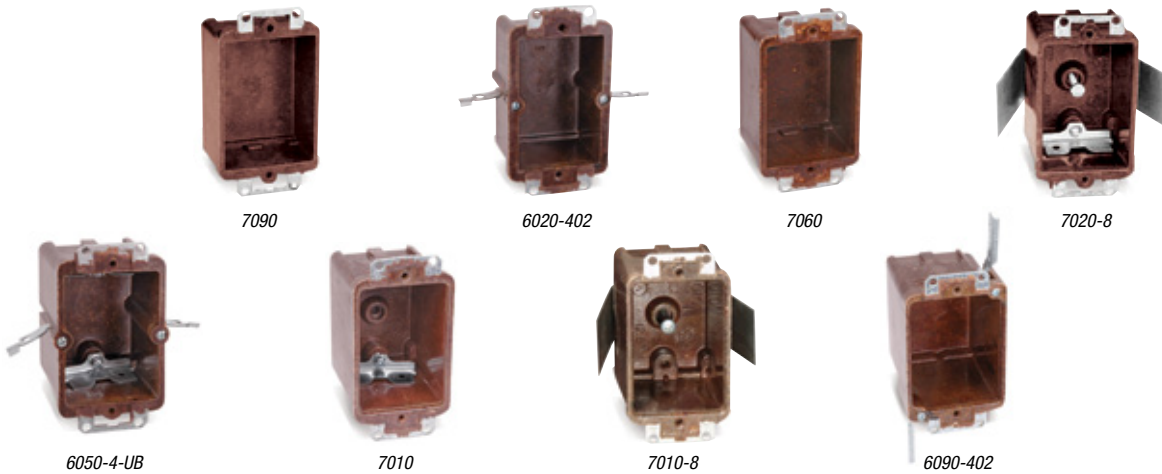
6070-402



16.0–18.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
6000-402 •	16.0	Ears, #8 Swing Brackets	No Clamp Blocks	2 $\frac{3}{8}$ L x 2 $\frac{3}{8}$ W x 2 $\frac{3}{16}$ D	50
6010-402	16.0	Ears, #4 Swing Brackets	Bulk PK Clamps	3 $\frac{3}{8}$ L x 2 $\frac{7}{32}$ opening; 4 $\frac{1}{16}$ overall x 2 $\frac{7}{8}$ D	100
6010-4-PC	16.0	Ears, #4 Swing Brackets	Non-Metallic Clamps	3 $\frac{3}{8}$ L x 2 $\frac{3}{8}$ W x 2 $\frac{7}{8}$ D	100
6010-4-UB	16.0	Ears, #4 Swing Brackets	High Clamps	3 $\frac{3}{8}$ L x 2 $\frac{3}{8}$ W x 2 $\frac{7}{8}$ D	100
6060-02	16.0	Ears	—	3 $\frac{1}{4}$ L x 2 $\frac{3}{16}$ W x 2 $\frac{11}{16}$ D	100
6060-402	16.0	Ears, #4 Swing Brackets	No Clamp Blocks	3 $\frac{3}{8}$ L x 2 $\frac{3}{8}$ W x 2 $\frac{3}{16}$ D	100
6070-402	18.0	Ears, #4 Swing Brackets	#36 Clamps, Bulk Packed	3 $\frac{3}{8}$ L x 2 $\frac{3}{8}$ W x 3 $\frac{1}{4}$ D	50
6070-4-UB	18.0	Ears, #4 Swing Brackets	High Clamps	3 $\frac{3}{8}$ L x 2 $\frac{3}{8}$ W x 3 $\frac{1}{4}$ D	50

• Not UL Listed, UL Recognized component.



7090

6020-402

7060

7020-8

6050-4-UB

7010

7010-8

6090-402

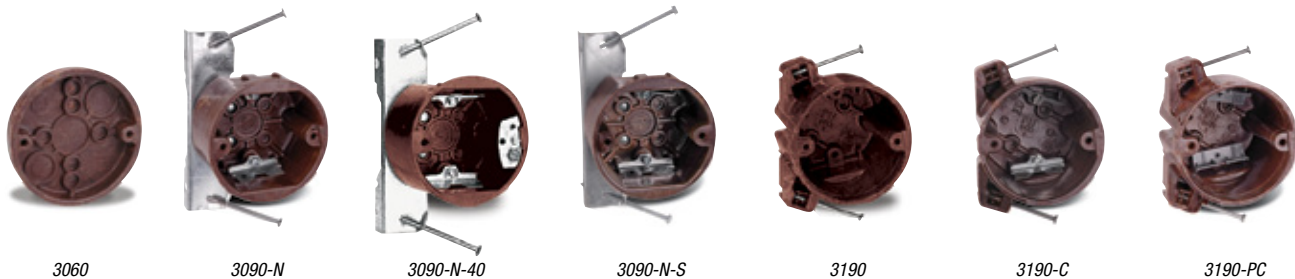


7.5–14.0 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
7090	7.5	Ears	—	3 $\frac{1}{4}$ L x 2 $\frac{1}{4}$ W x 1 $\frac{1}{16}$ D	100
6020-402	8.0	Ears, #4 Swing Brackets	Ears	3 $\frac{1}{16}$ L x 2 $\frac{1}{4}$ W x 1 $\frac{1}{4}$ D	100
7060	9.0	Ears	Ears	3 $\frac{1}{16}$ L x 2 $\frac{1}{4}$ W x 1 $\frac{1}{4}$ D	100
7020-8	10.0	Ears, #8 Swing Brackets	High Clamps	3 $\frac{1}{4}$ L x 2 $\frac{3}{16}$ W x 2 $\frac{1}{4}$ D	50
6050-4-UB	10.5	Ears, #4 Swing Brackets	High Clamps	3 $\frac{1}{2}$ L x 2 $\frac{1}{4}$ W x 2 $\frac{3}{8}$ D	100
7010	12.5	Ears Clamps	High	3 $\frac{1}{4}$ L x 2 $\frac{3}{16}$ W x 2 $\frac{11}{16}$ D	100
7010-8	12.5	Ears, #8 Snap-In Bracket	High Clamps	3 $\frac{1}{4}$ L x 2 $\frac{3}{16}$ W x 2 $\frac{1}{16}$ D	50
6090-402	14.0	Ears, #4 Swing Brackets	No Clamp Blocks	3 $\frac{3}{8}$ L x 2 $\frac{3}{8}$ W x 2 $\frac{1}{2}$ D	100

Phenolic Boxes

Nail-On



3½" Nail-On 13.5–22.8 Cu. In. UL

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3060 †	3.5	Nails or Screw Mount, 3/16" O.D.	See NEC-725-2, 725-51, 725-52, Class 2	3½ Dia. x 5/8 D	100
3090-N •	13.5	"N" Bracket	High Clamps	3½ Dia. x 2½ D	50
3090-N-40 •	13.5	"N" Bracket	High Clamps & #40 Ground Strap	3½ Dia. x 2½ D	50
3090-N-S •	13.5	"N" Bracket with Screws	High Clamps & #36 Clamps, Bulk Packed	3½ Dia. x 2½ D	50
3190 •	22.8	Compound Angled Nails	#36 Clamps, Bulk Packed	3½ Dia. x 3¼ D	50
3190-C •	22.8	Compound Angled Nails	High Clamps	3½ Dia. x 3¼ D	50
3190-PC •	22.8	Compound Angled Nails	Non-Metallic Clamps	3½ Dia. x 3¼ D	50

• Listed for fixture support up to 50 lbs.

† Not UL Listed.

Flanged



3½" Flanged for Manufactured Housing 11.5–20.5 Cu. In. UL

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3030-02-40 •	11.5	Screw Mount (4/8" O.D. Flange or Flash Ring) Box O.D. 3½"	#36 Clamps, Bulk Packed & #40 Ground Strap	3½ Dia. x 1¼ D	100
3030 •	14.0		High Clamps	3½ Dia. x 1¼ D	100
3030-02 •	14.0		#36 Clamps, Bulk Packed	3½ Dia. x 1¼ D	100
3030PC •	14.0		Non-Metallic Clamps	3½ Dia. x 1¼ D	100
3000 •	20.5		High Clamps	3½ Dia. x 2½ D	50
3000-02 •	20.5		#36 Clamps, Bulk Packed	3½ Dia. x 2½ D	50
3000-PC •	20.5		Non-Metallic Clamps	3½ Dia. x 2½ D	50

• Listed for fixture support up to 50 lbs.

Phenolic Boxes

4" Nail-On Brackets



13.5–21.5 Cu. In



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
4060-02 •	13.5	Nail or Screws	#36 Clamps, Bulk Packed	4 Dia. x 1 $\frac{1}{8}$ D	100
4060-N02 •	13.5	"N" Bracket, Bulk Packed with Nails	#36 Clamps	4 Dia. x 1 $\frac{1}{8}$ D	50
4160-UB •	16.0	Compound Angled Side Nails	#36 Clamps, Bulk Packed	4 Dia. x 1 $\frac{1}{8}$ D	50
4070-302 •	20.8	#3 Bracket	#36 Clamps, Bulk Packed	4 Dia. x 2 $\frac{1}{8}$ D	50
4070-N •	20.8	"N" Bracket with Nails	High Clamps	4 Dia. x 2 $\frac{1}{8}$ D	50
4070-N02 •	20.8	"N" Bracket with Nails	#36 Clamps, Bulk Packed	4 Dia. x 2 $\frac{1}{8}$ D	50
4070-N-SQ •	20.8	"N" Bracket with screws	High Clamps	4 Dia. x 2 $\frac{1}{8}$ D	50
4170 •	21.5	Compound Angled Side Nails	#36 Clamps, Bulk Packed	4 Dia. x 2 $\frac{1}{8}$ D	50
4170-C •	21.5	Compound Angled Side Nails	High Clamps	4 Dia. x 2 $\frac{1}{8}$ D	50

• Listed for fixture support up to 50 lbs.

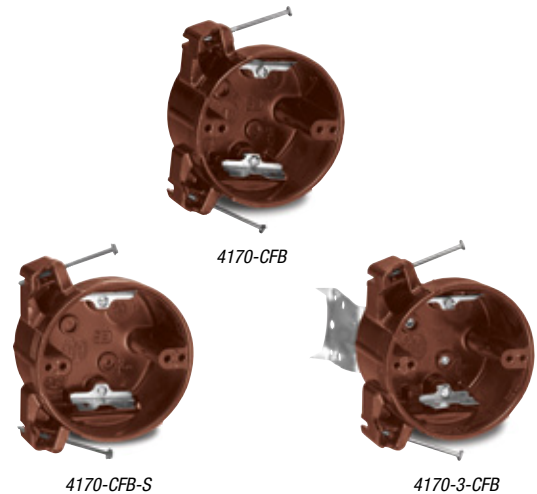
4" Round Outlet Box

21.5 Cu. In.



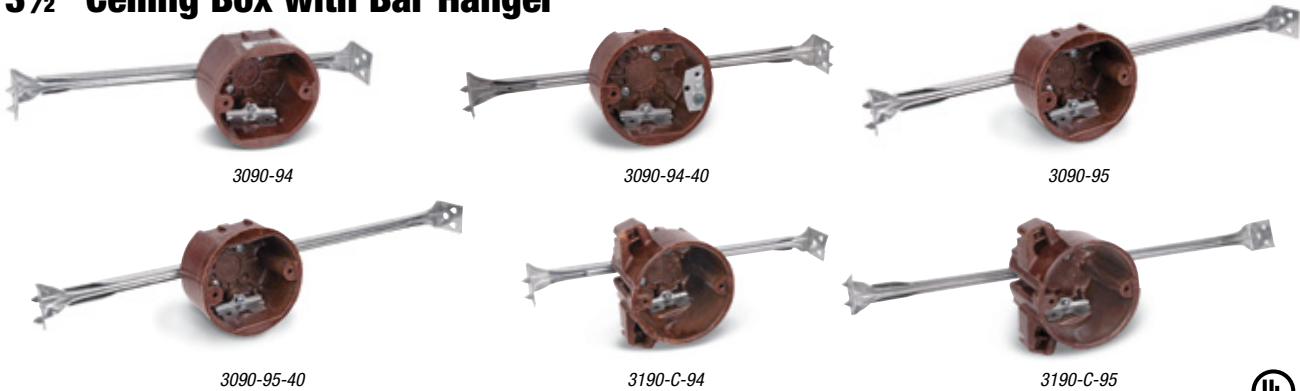
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN.
4170-CFB •	21.5	—	4 $\frac{1}{8}$ Dia.	10
4170-CFB-S •	21.5	Steel Stud Screws	4 $\frac{1}{8}$ Dia.	10
4170-3-CFB •	21.5	3" Bracket	4 $\frac{1}{8}$ Dia.	10

• UL Listed for support of light fixtures of up to 50 lbs. or ceiling fans up to 35 lbs.



Phenolic Boxes

3½" Ceiling Box with Bar Hanger

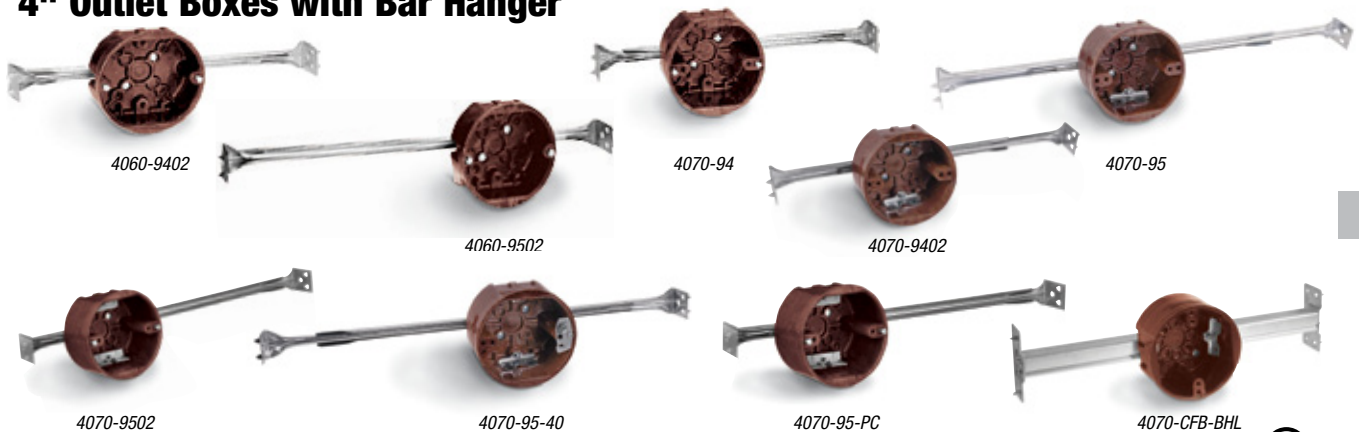


13.5–22.8 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3090-94 •	13.5	16" Bar Hanger, 12¼" Min.–19" Max.	High Clamps	3½ Dia. x 2½ D	50
3090-94-40 •	13.5	16" Bar Hanger, 12¼" Min.–19" Max.	High Clamps & #40 Ground Strap	3½ Dia. x 2½ D	50
3090-95 •	13.5	24" Bar Hanger, 16½" Min.–27" Max.	High Clamps	3½ Dia. x 2½ D	50
3090-95-40 •	3.5	24" Bar Hanger, 16½" Min.–27" Max.	High Clamps & #40 Ground Strap	3½ Dia. x 2½ D	50
3190-C-94 •	22.8	16" Bar Hanger	High Clamps	3½ Dia. x 2½ D	25
3190-C-95 •	22.8	24" Bar Hanger	High Clamps	3½ Dia. x 2½ D	25

• Listed for fixture support up to 50 lbs.

4" Outlet Boxes with Bar Hanger



13.5–20.8 Cu. In.

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
4060-9402 •	13.5	16" Bar Hanger	#36 Clamps, Bulk Packed	4 Dia. x 1½ D	50
4060-9502 •	13.5	24" Bar Hanger	#36 Clamps, Bulk Packed	4 Dia. x 1½ D	50
4070-94 •	20.8	16" Bar Hanger, 12¼" Min.–19" Max.	High Clamps	4 Dia. x 2½ D	50
4070-9402 •	20.8	16" Bar Hanger, 12¼" Min.–19" Max.	#36 Clamps, Bulk Packed	4 Dia. x 2½ D	50
4070-95 •	20.8	24" Bar Hanger, 16½" Min.–27" Max.	High Clamps	4 Dia. x 2½ D	50
4070-9502 •	20.8	24" Bar Hanger, 16½" Min.–27" Max.	#36 Strap, Bulk Packed	4 Dia. x 2½ D	50
4070-95-40 •	20.8	24" Bar Hanger, 16½" Min.–27" Max.	Ground Strap	4 Dia. x 2½ D	50
4070-95-PC •	20.8	24" Bar Hanger, 16½" Min.–27" Max.	Non-Metallic Clamps	4 Dia. x 2½ D	50
4070-CFB-BHL †	20.8	24" Bar Hanger, 12" to 24" Maximum Center	—	4⅞ Dia. x 2½ D	10

• Listed for fixture support up to 50 lbs.

† UL Listed for support of light fixtures of up to 50 lbs. or ceiling fans up to 35 lbs.

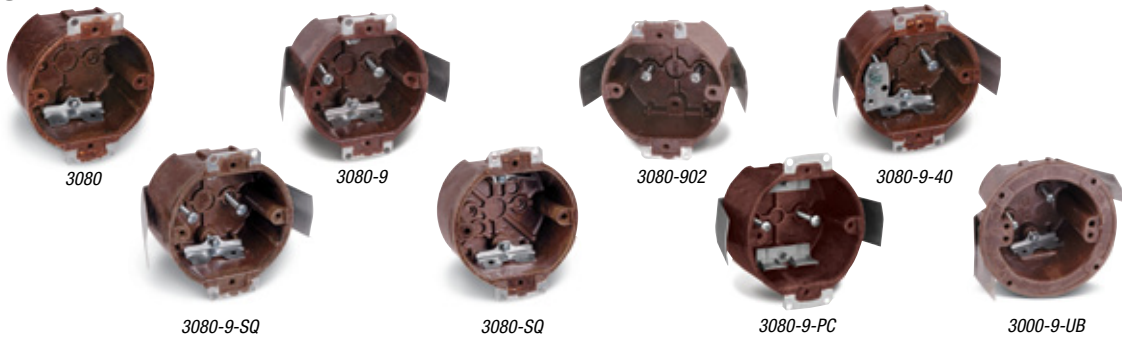
Phenolic Boxes

Plaster Rings and Covers for 4" Outlet Boxes



CAT. NO.	SIZE CU. IN.	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3051	—	Round Flat Blank, Fits #3000, #3020 & #3030 Boxes Only	3¼ Dia.	100
4051	—	Round Blank or Pendant, 25/64" Diameter Knockout	3¼–4 Dia.	100
4052 BROWN	—	Round Flat Blank with 4" O.D.	3¼–4 Dia.	100
4052 IVORY	—	Round Flat Blank with 4" O.D.	3¼–4 Dia.	100
4052 WHITE	—	Round Flat Blank with 4" O.D.	3¼–4 Dia.	100
4061	4.5	Round Plaster Ring, ½" Offset for 3¼ Mounting	4 Dia.	100
4062 BROWN	—	Round Flat Blank with 4½" O.D.	4 Dia.	100
4062 IVORY	—	Round Flat Blank with 4½" O.D.	4 Dia.	100
4062 WHITE	—	Round Flat Blank with 4½" O.D.	4 Dia.	100

Ceiling Boxes — Old Work



3½" Brackets 14.0–20.5 Cu. In.


CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
3080 †	14.0	Ears	High Clamps	3½ Dia. x 2½ D	50
3080-9 •	14.0	#9 Snap-In Bracket	High Clamps	3½ Dia. x 2½ D	50
3080-902 •	14.0	#9 Snap-In Bracket	#36 Clamps Bulk Packed	3½ Dia. x 2½ D	50
3080-9-40 •	14.0	#9 Snap-In Bracket	High Clamps & #40 Ground Strap	3½ Dia. x 2½ D	50
3080-9-PC •	14.0	#9 Snap-In Bracket	Non-Metallic Clamps	3½ Dia. x 2½ D	50
3080-9-SQ	14.0	#9 Snap-In Bracket	High Clamps	3½ Dia. x 2½ D	50
3080-SQ	14.0	Ears	High Clamps	3½ Dia. x 2½ D	50
3000-9-PC	20.5	#9 Snap-In Bracket	Non-Metallic Clamps	3½ Dia. x 2½ D	50
3000-9-UB •	20.5	#9 Snap-In Bracket	High Clamps	3½ Dia. x 2½ D	50

• Listed for fixture support up to 15 lb. in walls only.

† Listed for fixture support up to 50 lbs.

Phenolic Boxes

One-Gang

9.8–14.0 Cu. In. 

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN.
5060 BROWN •	9.8	Screws	4½ L x 2¾ W x 1½ D	100
5060 IVORY	9.8	Screws	4½ L x 2¾ W x 1½ D	100
5060 WHITE	9.8	Screws	4½ L x 2¾ W x 1½ D	100
5070 BROWN •	14.0	Screws	4½ L x 2¾ W x 1½ D	100
5070 IVORY	14.0	Screws	4½ L x 2¾ W x 1½ D	100
5070 WHITE	14.0	Screws	4½ L x 2¾ W x 1½ D	100

• **Note:** Only the "Brown" is Phenolic — the White and Ivory are a urea material.



5060 BROWN



5060 IVORY



5060 WHITE



5070 BROWN



5070 IVORY



5070 WHITE

Two-Gang

23.8 Cu. In. 

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN.
5072 BROWN •	23.8	Screws	4¾ L x 4½ W x 1½ D	50
5072 IVORY	23.8	Screws	4¾ L x 4½ W x 1½ D	50
5072 WHITE	23.8	Screws	4¾ L x 4½ W x 1½ D	50

• **Note:** Only the "Brown" is Phenolic — the White and Ivory are a urea material.



5072 BROWN



5072 IVORY



5072 WHITE

6½" Outside Diameter

3.8 Cu. In. 

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN.
5080 BROWN •	3.8	Screws, Box O.D.	6¼ L x 3½ W x ¾ D	50
5080 IVORY	3.8	Screws, Box O.D.	6¼ L x 3½ W x ¾ D	50
5080 WHITE	3.8	Screws, Box O.D.	6¼ L x 3½ W x ¾ D	50

• **Note:** Only the "Brown" is Phenolic — the White and Ivory are a urea material.



5080 BROWN



5080 IVORY



5080 WHITE

Boxes & Covers — Carlton® Non-Metallic Boxes

Phenolic Boxes

A0 Round Conduit Boxes and Covers



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
A04-12 •	12.0	Four 1/2" Threaded KOs	Round Box	4 1/8 Dia. x 1 1/8 D	10
A04-34 •	12.0	Four 3/4" Threaded KOs	Round Box	4 1/8 Dia. x 1 1/8 D	10
A0-51 •	—	Stainless Steel Screws	Black Cover with Gaskets	—	10

• Not UL Listed.



A04-12



A04-34



A0-51

Weatherproof Device Boxes and Covers



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
FSC-12	16.0	One 1/2" Threaded KO in Each End	Device Box	4 7/16 L x 1 25/32 W x 2 9/16 D	10
FSC-34	16.0	One 3/4" Threaded KO in Each End	Device Box	4 7/16 L x 1 25/32 W x 2 9/16 D	10
FSC-51 •	—	Stainless Steel Screws	Blank Cover with Gaskets	—	10
FSC-53 •	—	Stainless Steel Screws	Duplex Receptacle Cover with Gasket	—	10
FSC-54 •	—	Stainless Steel Screws, 1.409" Dia.	Single Receptacle Cover with Gasket	—	10
FSC-55 •	—	Stainless Steel Screws	Switch Cover with Gasket	—	10

• Not UL Listed.



FSC-12



FSC-34



FSC-51



FSC-53



FSC-54



FSC-55

Non-Metallic Covers and Accessories

One-Gang



CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN.
A410 •	3.5	½" Rise	100
A411 •	4.2	⅝" Rise	50
A412 •	5.0	¾" Rise	50
A413 •	6.6	1" Rise	40
A414 •	8.1	1¼" Rise	30

• UL Listed E11461.



A410

Two-Gang

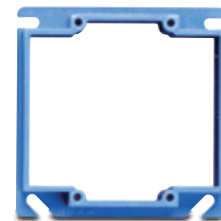


CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN.
A400 •	—	Blank	100
A420 •	6.1	½" Rise	75
A421 •	7.4	⅝" Rise	50
A422 •	8.8	¾" Rise	50

• UL Listed E11461.



A400



A420

Round Plaster Ring



CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN.
A471 •	3.2	⅝" Rise	100
A472 •	4.0	¾" Rise	100

• UL Listed E11461.

Listed for fixture support up to 50 lbs.



A471

Round Blank Cover



CAT. NO.	SIZE CU. IN.	COLOR	DESCRIPTION	STD. CTN.
A470D •	—	Blue	Blank with ½" KO	100
E460R-CAR •	—	Blue	Blank	35
CPC4WH •	—	White	Ceiling Box Cover	12

• UL Listed E11461.

Listed for fixture support up to 50 lbs.



A470D



E460R-CAR



CPC4WH

Non-Metallic Covers and Accessories

Box Extender



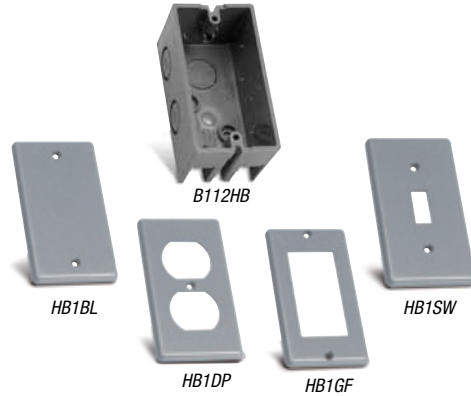
B1EXTB



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	STD. CTN.
B1EXTB	—	Screws	3/4 L x 2 1/4 W	25

UL Listed E11461.

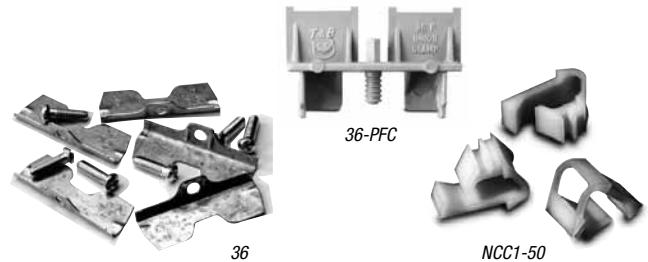
Handy Box and Covers



CAT. NO.	SIZE CU. IN.	DESCRIPTION	STD. CTN.QTY.
B112HB	1 1/2 x 4 x 2 1/2	Handy Box — One-Gang	50
HB1BL	.25 x 4.30 x 2.38	Blank Cover	25
HB1DP	.25 x 4.30 x 2.38	Duplex Receptacle Cover	25
HB1GF	.25 x 4.30 x 2.38	GFCI Cover	25
HB1SW	.25 x 4.30 x 2.38	Toggle Switch Cover	25

Accessory Clamps and Ground Strap

CAT. NO.	DESCRIPTION	STD. CTN.
36	Metal Stamped Clamp and Screw, Unassembled	50
36-PFC	Non-Metallic Clamp	50
NCC1-50	Non-Metallic Cable Lock Clamp for Strain Relief of Non-Metallic Cable	500 (10 bags of 50)
40-UB	Ground Strap for Phenolic Boxes	50



NEC® Box Requirements* Cubic Inches for 1–40 Conductors

WIRE SIZE (AWG)	CUBIC-INCH CAPACITY BY NUMBER OF CONDUCTORS																			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
#18	1.50	3.00	4.50	6.00	7.50	9.00	10.50	12.00	13.50	15.00	16.50	18.00	19.50	21.00	22.50	24.00	25.50	27.00	28.50	30.00
#16	1.75	3.50	5.25	7.00	8.75	10.50	12.25	14.00	15.75	17.50	19.25	21.00	22.75	24.50	26.25	28.00	29.75	31.50	33.25	36.00
#14	2.00	4.00	6.00	8.00	10.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00	30.00	32.00	34.00	36.00	38.00	40.00
#12	2.25	4.50	6.75	9.00	11.25	13.50	15.75	18.00	20.25	22.50	24.75	27.00	29.25	31.50	33.75	36.00	38.25	40.50	42.75	45.00
#10	2.50	5.00	7.50	10.00	12.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00	37.50	40.00	42.50	45.00	47.50	50.00
	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
#18	31.50	33.00	34.50	36.00	37.50	39.00	40.50	42.00	43.50	45.00	46.50	48.00	49.50	51.00	52.50	54.00	55.50	57.00	58.50	60.00
#16	36.75	38.50	40.25	42.00	43.75	45.50	47.25	49.00	50.75	52.50	54.25	56.00	57.75	59.50	61.25	63.00	64.75	66.50	68.25	70.00
#14	42.00	44.00	46.00	48.00	50.00	52.00	54.00	56.00	58.00	60.00	62.00	64.00	66.00	68.00	70.00	72.00	74.00	76.00	78.00	80.00
#12	47.25	49.50	51.75	54.00	56.25	58.50	60.75	63.00	65.25	67.50	69.75	72.00	74.25	76.50	78.75	81.00	83.25	85.50	87.75	90.00
#10	52.50	55.00	57.50	60.00	62.50	65.00	67.50	70.00	72.50	75.00	77.50	80.00	82.50	85.00	87.50	90.00	92.50	95.00	97.50	100.00

* Make allowance of two additional conductors for each device, one for clamps if required and one for one or more grounding conductors entering the box. See NEC® 314.16(B).

Low-Voltage Structured Cable Management System

Carlton® Orange Structured Cable Management System

Carlton® Structured Cable Management System (SCMS) is designed for general-purpose low-voltage residential wire and cable management. This series of boxes and brackets are accompanied by a corrugated conduit system and accessories to future-proof your home.



Boxes & Covers — Carlton® Non-Metallic Boxes

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Low-Voltage Structured Cable Management System

1



Dual-Voltage Box/Bracket

Here's a smart alternative for where you would normally use separate high- and low-voltage boxes. Designed to fit a standard two-gang faceplate, this component combines an electrical box and low-voltage bracket into a single unit for fast, easy installation. No alignment tools are required and easy nail-on mounting provides precise placement and a professionally finished appearance. Resi-Rings accept 3/4" Resi-Gard® fittings only...SC200DV



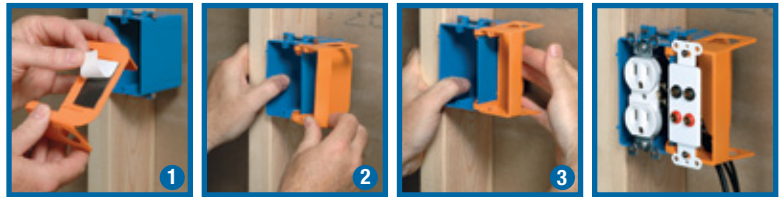
Why waste time mounting, then trying to line up separate high-voltage and low-voltage boxes, and still end up with something not quite right? Our Dual-Voltage Box/Bracket lets you do it all in one fast, easy step with perfect alignment every time.

2



Low-Voltage Add-On Bracket

This low-voltage bracket provides a low-voltage outlet next to a previously installed high-voltage outlet. Great for both new construction and rework, it attaches easily to most electrical boxes and is designed to fit a standard two-gang faceplate. Resi-Rings accept 3/4" Resi-Gard® fittings only...SC100SC



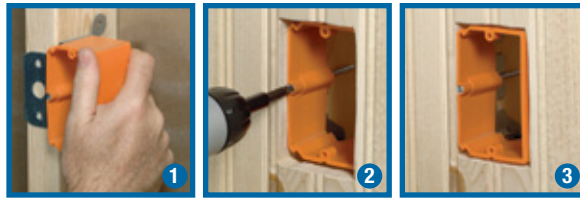
Attaching the Add-On Bracket is a "snap." You just remove the back of the double-sided tape (1), clip the bracket in place (2) and press on the bracket to secure it against the box (3). Enables the installation of most rectangular yoke plates.

3



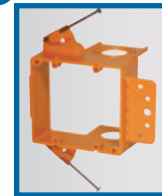
Low-Voltage Adjustable Brackets

Our Low-Voltage Adjustable Brackets are the perfect solution for tile, paneling or stucco. A bracket enables quick, easy stud mounting and a turn of the screw adjusts to any wall thickness. It's great for retrofit/installation upgrades. Replace the single-gang bracket with a two-gang bracket or switch services to a high-voltage Adjust-A-Box™ device... SC100ADJC (shown) and SC200ADJC



Our Low-Voltage Adjustable Brackets simplify installation with tile, paneling or stucco to save you time and effort. Just use the quick-mount bracket to clip it to the stud (1), add a screw for extra support if you want it (2), then use the adjustment screw to accommodate wall thickness (3). Also available in a two-gang version.

4



Low-Voltage Brackets

Here's the fast installation choice when only low voltage is required. Designed to fit a standard one-, two- or three-gang faceplate, these low-voltage brackets feature an easy nail-on mounting or screw-in bracket, while a hard shell provides increased durability and no racking. Resi-Rings accept 3/4", 1" and 1 1/4" Resi-Gard® fittings (one- and two-gang versions only)... SC100A, SC200A (shown) and SC300A



Our Low-Voltage Brackets are open-backed to easily accommodate the bend radiuses required for low-voltage cabling and deep devices such as volume controls, while molded-in ports make it easy to connect flexible raceway for future-proofing. Or, you can use them to tie off cable to the bracket. They can also be attached to wood or steel studs.

Low-Voltage Structured Cable Management System

5



Resi-Gard® Flexible Raceway and Fittings

Available in five sizes from 3/4" to 2", with factory-installed pull tape in sizes 1" to 2", our Resi-Gard® Flexible Raceway provides a main chase from the main distribution panel to a secondary hub in the attic or basement. Ideal for easy access to add cable or service upgrades or leave empty for future expansion.

you the split box you need for the low-voltage outlet... SCDIV



Our complete line of quick-connect couplings, adapters, cable clips, conduit clamps and solvent cement make for quick, easy professional installation of Resi-Gard® Flexible Raceway.

6



Dual-Voltage Box/Bracket

For applications where a combined high- and low-voltage closed-back box is needed, such as placement in a fire-rated wall, we offer our Carlton® SuperBlue® two-, three- and four-gang wiring boxes with a slip-in-place divider to give

you the split box you need for the low-voltage outlet... SCDIV



What could be easier than converting one of our Carlton® SuperBlue® boxes for both high- and low-voltage use? Just slip the divider into place and you're ready to go. Great for situations requiring a dual-voltage fire-rated box.

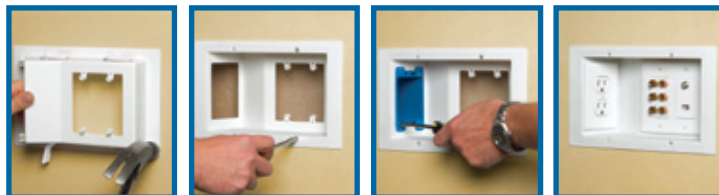
7



Recessed Dual-Voltage 3-Gang Old Work Plate

The New Carlton® RDV 3-Gang Old Work Plate has been developed to simplify today's in-home entertainment/networking needs. The box is designed to accommodate the wires, cables and cords used with flat-panel display installations. It features a two-gang low-voltage opening and a one-gang opening for an outlet/switch box (boxes, devices and plates not included)... SC300PRB and SC300PRR

The high-gloss, recessed design eliminates unsightly wires, cables and cords and blends with any décor. The RDV Old Work Plate makes installing flat panel displays faster and easier!



The high-gloss, recessed design eliminates unsightly wires, cables and cords and blends with any décor. The RDV Old Work Plate makes installing flat panel displays faster and easier!

8



Drop-In Floor Box

The Carlton® Drop-In Floor Box with Brass Cover combines many of the same features of our existing floor box line with the strength, durability and style necessary to accommodate today's residential electrical/telecommunication needs. The Carlton® Drop-In Floor Box is the fastest, easiest way for contractors to put a floor socket anywhere they need it! It's designed to accommodate line voltage and low-voltage applications... E971FBDI-2 and E971FBDIB-2

Turn off electricity before starting. Drill hole in floor using hole saw. Pull romex through floor. Connect receptacle wires to romex. Brass cover snaps into place. Use a small screwdriver to pry open brass cover to plug in appliance.



Turn off electricity before starting. Drill hole in floor using hole saw. Pull romex through floor. Connect receptacle wires to romex. Brass cover snaps into place. Use a small screwdriver to pry open brass cover to plug in appliance.

For more information about this floor box, refer to www.tnb.com or the Thomas & Betts Residential catalog.

Low-Voltage Structured Cable Management System

9



Adjust-A-Box® Floor Box

Carlton® Adjust-A-Box® Floor Boxes make installing floor outlets fast and easy by providing maximum installation flexibility. The box features an adjustment screw designed to adjust the box from 0" to 1¼" by simply turning

the screw clockwise or counterclockwise, providing a flush mount every time... B234BFBB (brass cover) and B234BFSS (stainless steel)



Install clip over subfloor. Screw in to adjust to height of flooring or carpet. Beautiful flush fit every time!

For more information about this floor box, refer to www.tnb.com or the Thomas & Betts Residential catalog.

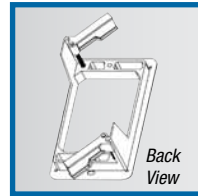
10



Old Work Bracket

Carlton® Low-Voltage Old Work Brackets are specifically designed for the installation of low-voltage devices such as cable television, data communications or telephone jacks in an existing wall. The backless feature

provides the space needed for the bend radius requirements of coaxial or data/communication cables. It also eliminates the need for metal plates, lags or screws... SC100RR (shown) and SC200RR



1. Use the holes in the corners to mark the opening.
2. Cut out the drywall.
3. Place box in wall.
4. Secure box to wall.

Low-Voltage Structured Cable Management System

Dual-Voltage Box/Bracket

- Dual-voltage capability
- Accepts a two-gang faceplate
- ¾" Resi-Rings®
- Backless design accommodates large/deep low-voltage devices
- Eliminates cutting the backs off electrical boxes
- Accommodates bend-radius requirements for low-voltage cabling
- Provides ample space for installation



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DIMENSIONS (IN.)	STD. CTN. QTY.
E-18-4-DV•	18.0	Dual Voltage	3¾ L x 4 W x 3 D	50
SB-21-DV•	20.5	Molded Bracket for Wood/Steel Studs	3¾ L x 4 W x 3¾ D	50
SC200DV•	20.5	Angled Side Nails	3.69 L x 4.04 W x 3.67 D	16
SN-21-DV•	20.5	Angled Side Nails	35/8 L x 4 W x 3¾ D	50

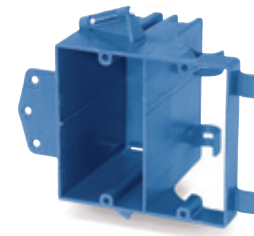
• UL Listed E11461.

Permissible for use with 90° C insulated conductors.

80° C heat-rated material.



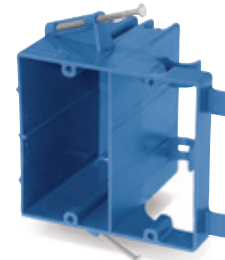
E-18-4-DV



SB-21-DV



SC200DV



SN-21-DV

Low-Voltage Brackets

- Backless design accommodates large/deep low-voltage devices
- Eliminates cutting the backs off electrical boxes
- Accommodates bend-radius requirements for low-voltage cabling
- Provides ample space for installation
- Mount Flange for steel stud application

One- and two-gang versions only:

- Resi-Rings® with concentric knockouts
- Accepts ¾", 1" and 1¼" Resi-Gard®
- Horizontal mounting bracket (one-gang only)
- Breakaway drywall support flange provides easy alignment for ½" drywall
- Screw-mount option
- Breakaway vertical mounting flange
- Breakaway feature enables the use of the Low-Voltage Add-On Bracket

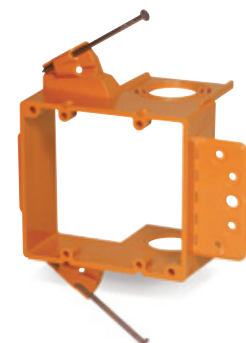


CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN. QTY.
SC100A•	N/A	Captive Nails	¾", 1", 1¼" Resi-Rings®	3.73 L x 2.32 W x 3.15 D	24
SC200A•	N/A	Captive Angled Nails	¾", 1", 1¼" Resi-Rings®	3.77 L x 4.07 W x 3.15 D	24
SC300A▶	44	Captive Angled Nails	—	3.69 L x 5.81 W x 1.50 D	5

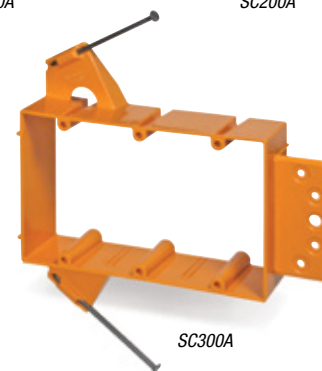
• UL Listed E216492.



SC100A



SC200A



SC300A

Low-Voltage Structured Cable Management System

Low-Voltage Add-On Bracket

- Dual-voltage capability accommodates high- and low-voltage devices in the same box
- Attaches to virtually any non-metallic electrical box as long as there's a side for the tape to stick to
- Accepts a two-gang faceplate
- 3/4" Resi-Rings®
- Enables the installation of most rectangular yoke plates



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
SC100SC•	N/A	Tape	1-Gang	3.68 L x 2.36 W x 3.10 D	24

• UL Listed E216492.



SC100SC

Low-Voltage Adjustable Brackets

- Accommodates varying finished-wall thicknesses — ideal for wood paneling, tile or stucco walls
- With the turn of a screw, adjust to any wall thickness
- Steel mounting bracket provides a secure mount
- Backless design accommodates large/deep low-voltage devices
- Eliminates cutting the backs off electrical boxes
- Accommodates bend-radius requirements for low-voltage cabling
- Provides ample space for installation
- Removable bracket and interchangeable mounting bracket — upgrade from a one-gang to a two-gang anytime



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
SC100ADJC•	21	Adjustable Bracket	1-Gang	3.56 L x 3.88 W x 1.69 D	24
SC200ADJC•	34	Adjustable Bracket	2-Gang	3.56 L x 5.63 W x 1.69 D	20

• UL Listed E216492.



SC100ADJC

Low-Voltage Structured Cable Management System

Old Work Brackets

- Rectangular flange for faster/easier installation
- Shallow bracket — less material, easier to work with
- Marking hole for wall opening
- Thinner flange for less protrusion on the wall
- SINGLE-GANG ONLY — clamps stop at center point to prevent the bracket from twisting or bending out of the wall



CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
SC100RR•	N/A	Adjustable Bracket	1-Gang	4.32 L x 2.52 W x 1.66 D	12
SC200RR•	N/A	Adjustable Bracket	2-Gang	4.28 L x 4.28 W x 1.66 D	6

• UL Listed E216492.



SC100RR

SC200RR

Boxes & Covers — Carlton® Non-Metallic Boxes

Low-Voltage Divider Plate



CAT. NO.	STD. CTN.
SCDIV•	50

• For use with Carlton® SuperBlue™ boxes only.



Mud Ring (4" Square ½" Raised Cover)



CAT. NO.	DESCRIPTION	STD. CTN.
SCA410•	1-Gang	20

• **Note:** Classified for two-hour fire-resistive wall assemblies when used with Two-Gang Quick-Connect Outlet and Switch Boxes.

UL Listed E11461.



Request Info



1-800-453-1692

www.aboveboardelectronics.com

Low-Voltage Structured Cable Management System

Low-Voltage Adjustable Floor Bracket with Cover

The Carlton® Low-Voltage Adjustable Floor Bracket is specifically designed for the low-voltage, structured cabling market...the floor bracket is industry-standard orange to identify low-voltage applications, the open design provides the space needed for low-voltage bend radius requirements and the Leviton QuickPort® Quad 106® Insert provides up to four low-voltage outlet ports. The Carlton® Low-Voltage Adjustable Floor Bracket is ideal for any residential or commercial low-voltage application.

The floor bracket also features a unique screw design, enabling it to be adjusted to most finished-floor heights by simply turning the screw clockwise or counterclockwise and adjusting flush to the floor.

The floor bracket kit comes complete with a non-metallic (white or ivory) or brass cover, a Leviton QuickPort® Quad 106® Insert, new work and old work metal mounting brackets and mounting screws.

Carlton® Structured Cable Management Systems...Your Total Systems Solution!

- White, ivory or brass cover
- Orange — identifies low-voltage installations
- Open-design floor bracket — accommodates low-voltage bend radius requirements
- Adjustable screw — bracket adjusts to most finished-floor depths
- Leviton® QuickPort® Quad 106® Insert — install up to four low-voltage inserts
- Two-door design
- cUL-US Listed



QuickPort® and Quad 106® are registered trademarks of Leviton Manufacturing Co., Inc.

One-Gang Adjustable

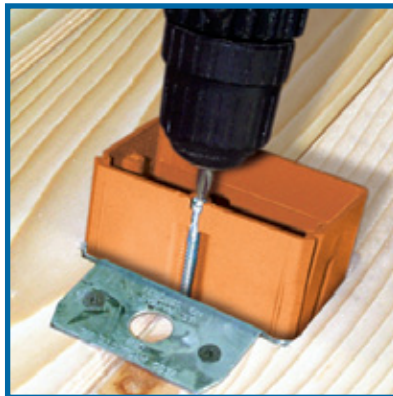
CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
SC100FBWC•	N/A	Adjustable Bracket	Non-Metallic — White	2.80 L x 4.36 W x 1.72 D	8
SC100FBVC•	N/A	Adjustable Bracket	Non-Metallic — Ivory	2.80 L x 4.36 W x 1.72 D	8
SC100FBBC•	N/A	Adjustable Bracket	Brass	2.80 L x 4.36 W x 1.72 D	8

• UL Listed E216492.

Installation:



Install clip over subfloor.



Screw in to adjust to height of flooring or carpet.



Beautiful flush fit every time!

Low-Voltage Structured Cable Management System

Recessed Dual-Voltage 3-Gang Old Work Plate

Boxes & Covers — Carlton® Non-Metallic Boxes



The New Carlton® RDV 3-Gang Old Work Plate has been developed to simplify today's in-home entertainment/networking needs. The box is designed to accommodate the wires, cables and cords used with flat-panel display installations. It features a two-gang low-voltage opening and a one-gang opening for an outlet/switch box (boxes, devices and plates not included). The hi-gloss, recessed design eliminates unsightly wires, cables and cords and blends with any décor. The RDV Old Work Plate makes installing flat-panel displays faster and easier!

Low-Voltage Structured Cable Management System

Recessed Dual-Voltage 3-Gang Old Work Plate (continued)

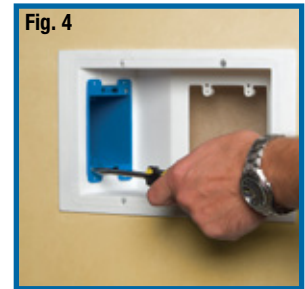
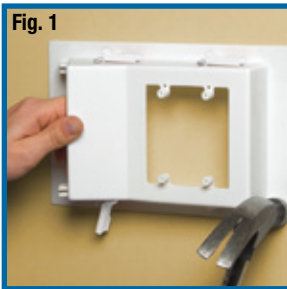
Features:

- 3-gang dual-service capability: accommodates one line voltage and two low-voltage services using one plate (boxes, devices and plates not included)
- Recessed low-profile design: eliminates unsightly wires and plug heads
- Universal 1-gang outlet/switch opening: select the size box you need
- Pre-assembled box and frame: reduces labor time and saves money
- Shallow design: provides ample room behind the drywall and between the studs and accommodates cable bend requirements
- Four swing-out clamps: locks the plate securely to the wall — horizontal or vertical mount
- Superior hi-gloss, paintable finish: professional appearance and blends with any décor
- Non-metallic, ABS material: lightweight and easy to handle

Installation:

Please read these instructions completely before attempting installation.

IMPORTANT! Before attempting installation, be sure power is off by removing the fuse or switching the circuit breaker to "off." Make sure the Recessed Dual-Voltage Plate is installed in accordance with the National Electrical Code® (NEC®) and local codes. NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



1. Locate studs and determine if they are 16" or 24" apart. If 16" apart, measure a maximum of 3" from edge of stud to determine plate location. If 24" apart, center plate between studs.
Note: High-voltage side must be 3" from stud.
2. Place SC300PRB or SC300PRR face down against the wall. Using a hammer, tap around the edge of the plate to mark area to be cut out (Fig. 1). Remove plate from wall, a line should be visible on the drywall. Cutout should be approximately 6.25" x 9.25".
3. Carefully cut out area of drywall with a utility knife or drywall saw.
4. Place SC300PRB or SC300PRR in wall and secure by tightening down all four Zip-Mount retainers (Fig. 2).

5. Select device and outlet/switch box, CAT. NO. B114R (14 cu. in.) or B120R (20 cu. in.), based on wire fill needs (Fig. 3).
6. Insert wires through boxes (B114R or B120R and SC300PRB or SC300PRR). Make sure high- and low-voltage wires do not come in contact with one another.
7. Install Carlton® Old Work Zip Box®, model B114R or B120R (Fig. 4).
8. Install receptacle and faceplate per manufacturer's instructions (Fig. 5).
9. Install low-voltage devices and faceplate per manufacturer's instructions (Fig. 6 and Fig. 7).

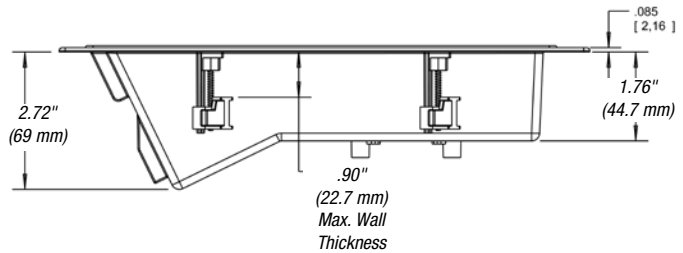
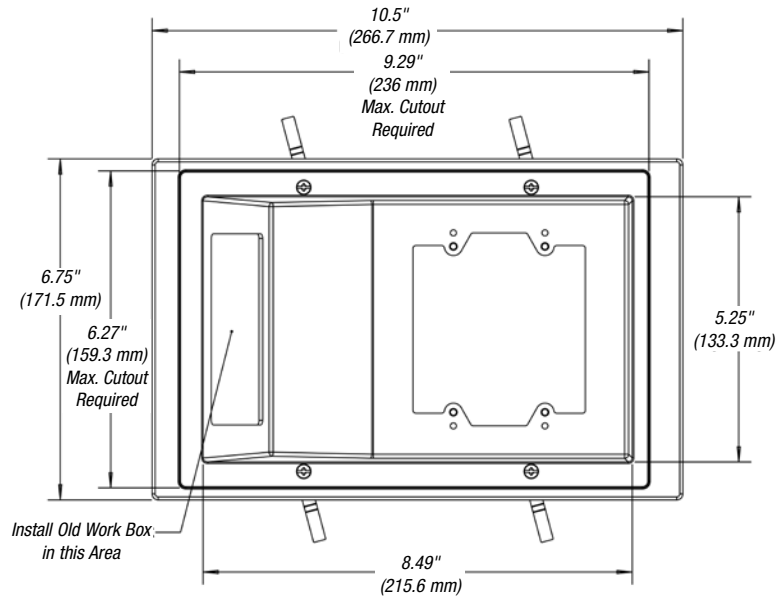
Note: When preparing for later installation of low-voltage devices, use a 2-gang blank plate to cover wall opening for a clean finished look.

Low-Voltage Structured Cable Management System

Installed:



Top view showing ample room between drywall and studs



Boxes & Covers — Carlton® Non-Metallic Boxes

CAT. NO.	SIZE CU. IN.	MOUNTING MEANS	DESCRIPTION	DIMENSIONS (IN.)	STD. CTN.
SC300PRB	N/A	Zip-Mount Retainers	RDV 3-Gang Old Work Plate	6.75 L x 10.5 W x 2.72 D	20
SC300PRR	N/A	Zip-Mount Retainers	RDV 3-Gang Old Work Plate with Outlet Box (B114R)	6.75 L x 10.5 W x 2.72 D	3



Request Info



1-800-453-1692

www.aboveboardelectronics.com

Low-Voltage Structured Cable Management System

Resi-Gard® Flexible Raceway

Ideal for providing a main chase from the main distribution panel to a secondary hub in the attic or basement, Resi-Gard® non-metallic flexible raceway is available in ¾" to 2" diameter sizes with factory-installed pull tape in sizes 1" to 2". The raceway is hand bendable, lightweight and easily cut to length to reduce scrap. Bright orange color clearly signifies a low-voltage installation.



Standard-Length Coils



CAT. NO.	SIZE (IN.)	PULL TAPE	DESCRIPTION	REEL LENGTH (FT.)
SCE4X1-100•	¾	Empty*	Flexible Raceway	100
SCF4X1C-100•	1	900 lbs.	Flexible Raceway	100
SCG4X1C-100•	1¼	900 lbs.	Flexible Raceway	100
SCH4X1C-50•	1½	900 lbs.	Flexible Raceway	50
SCJ4X1C-100•	2	900 lbs.	Flexible Raceway	50

• UL Listed E151168.

FT-1 Rated

* If installing own tape, a lubricated polyester is recommended.

Standard-Length Reels*



CAT. NO.	SIZE (IN.)	PULL TAPE	DESCRIPTION	REEL LENGTH (FT.)
SCE4X1-1000•	¾	Empty	Flexible Raceway	1000
SCF4X1C-1500•	1	900 lbs.	Flexible Raceway	1500
SCJ4X1C-500•	2	900 lbs.	Flexible Raceway	500

* Made to order

• UL Listed E151168.

FT-1 Rated



Request Info

1-800-453-1692



www.aboveboardelectronics.com

Low-Voltage Structured Cable Management System

Resi-Gard® Fittings

Quick-Connect Coupling



CAT. NO.	SIZE (IN.)	STD. CTN.
SCA240E•	¾	25
SCA240F•	1	20

• UL Listed E86720

Male Terminal Adapter*



CAT. NO.	SIZE (IN.)	STD. CTN.
SCE943G•	1¼	50
SCE943H•	1½	25
SCE943J•	2	50

• UL Listed E23018.

* Must be cemented to Resi-Gard® Flexible Raceway using ONLY Resi-Gard® Solvent Cement.

Quick-Connect Threaded Adapter



CAT. NO.	SIZE (IN.)	STD. CTN.
SCA243E•	¾	25
SCA243F•	1	20

• UL Listed E86720

Standard Couplings*



CAT. NO.	SIZE (IN.)	STD. CTN.
SCE940G•	1¼	30
SCE940H•	1½	25
SCE940J•	2	30

• UL Listed E23018.

* Must be cemented to Resi-Gard® Flexible Raceway using ONLY Resi-Gard® Solvent Cement.

Quick-Connect Snap-In-Adapter



CAT. NO.	SIZE (IN.)	STD. CTN.
SCA253E•	¾	25
SCA253F•	1	20

• UL Listed E86720

PVC Lock Nut



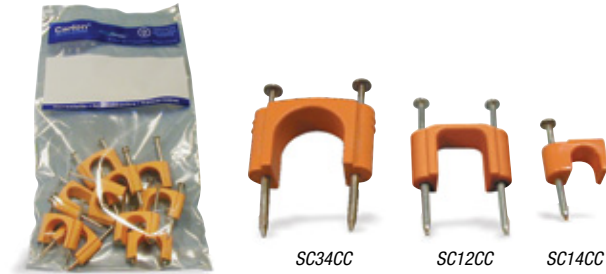
CAT. NO.	SIZE (IN.)	STD. CTN.
LT9E•	¾	700
LT9F•	1	600

• UL Recognized.

Low-Voltage Structured Cable Management System

Cable Clips

Pre-installed nails provide fast and easy installation for either a single cable, two to three cables or one bundled cable.



CAT. NO.	SIZE (IN.)	STANDARD BAG QUANTITY	STD. CTN.
SC14CC	¼	1 Ea. (Equals One Bag of 100 Clips)	10 Bags of 100
SC12CC	½	1 Ea. (Equals One Bag of 25 Clips)	310 Bags of 25
SC34CC	¾	1 Ea. (Equals One Bag of 10 Clips)	20 Bags of 10

Conduit Clamps

Designed to secure Resi-Gard® raceway or bundled cable.



CAT. NO.	SIZE (IN.)	STANDARD BAG QUANTITY	STD. CTN.
SCE977EC	¾	1 Ea. (Equals One Bag of Five Clamps)	20 Bags of 5
SCE977FC	1	1 Ea. (Equals One Bag of Five Clamps)	12 Bags of 5
SCE977GC	1¼	1 Ea. (Equals One Bag of Five Clamps)	8 Bags of 5
SCE977HC	1½	1 Ea. (Equals One Bag of Five Clamps)	6 Bags of 5
SCE977JC	2	1 Ea. (Equals One Bag of Five Clamps)	6 Bags of 5

Note: Each clamp requires two screws, two nuts and/or two bolts.

Resi-Gard® Solvent Cement

RECOMMENDED PIPE APPLICATION AND SIZES	SET-UP TIME (EVAPORATION RATE)	RECOMMENDED INSTALLATION TEMP.	LAP SHEAR @ 73° F	VISCOSITY AT 75° F AS MANUFACTURED
For use with Resi-Gard®, Riser-Gard®, P&C Flex™ and Carlton PVC fittings. <i>Up through 6" diameter.</i>	10°–30° F Use extra caution	40°–100° F	2 hrs. 350 psi	500–900 cps
	30°–50° F 5–6 minutes		16 hrs. 800 psi	
	50°–70° F 3–4 minutes		72 hrs. 1500 psi	
	70°–90° F 1–2 minutes			

CAT. NO.	SIZE (IN.)	APPLICATOR	DESCRIPTION	STD. CTN.
VC9963SC	Pint	Brush	Resi-Gard® Solvent Cement Clear	24

Meets ASTM D-2564.



Cutters

Ideal for fast, smooth field cuts for up to 1" diameter Resi-Gard® non-metallic flexible raceway. The large PVC Cutter is ideal for cuts up to 2" diameter non-metallic rigid and flexible raceway.

Small Cutter

For fast, smooth field cuts of ½" through 1" innerduct.



CAT. NO.	SIZE (IN.)	STD. CTN.
CC120B	8	10

Medium Cutter

For fast square, smooth, field cuts on conduit ½" through 1¼".



CAT. NO.	SIZE (IN.)	STD. CTN.
CC125	9	1

Large Cutter

For clean cuts of conduit ½" through 2".



CAT. NO.	SIZE (IN.)	STD. CTN.
CC122	17½	1

Steel City[®]

Steel City[®] Floor Boxes

In this section...



Steel City[®] Floor Boxes

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Thomas & Betts

www.tnb.com

Overview

Recessed Service Floor Boxes

The aesthetic and technical needs of today's buildings are as diverse as the equipment that fills them. Small wonder, then, that floor boxes can continue to solve the needs of today and the future as they did in the early 1900s when they were invented. They are still a contemporary, capable and cost-effective wire-management system. Steel City®, a pioneer in both the design and applications of floor boxes since 1904, invites you to discover or rediscover the possibilities.

Visit www.tnb.com/floorboxselect to use our online floor box selection tool to quickly and easily identify an appropriate in-floor solution for your needs.



Overview

Recessed Service Floor Boxes — Outlets Below Floor Level

663-SC (2-Gang)

- Material: Stamped Steel
- Covers: P62 and P60 Series



See page A-129.

664-SC/664-S (2-Gang)

- Material: Stamped Steel
- Covers: MopTite® 664-CST SW Series



See page A-130.

664-CI (2-Gang)

- Material: Cast Iron
- Covers: MopTite® 664-CST-SW Series



See page A-130.

665-SC/665-CI/665-AV2 (4-Gang)

- Material: Stamped Steel/Cast Iron
- Covers: MopTite® 665-CST-SW Series



See pages A-132-A-135.

668-S (4-Gang)

- Material: Stamped Steel
- Covers: MopTite® 668-CST



See pages A-136-A-137.

667-SC (8-Gang)

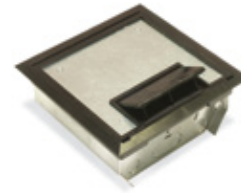
- Material: Stamped Steel
- Covers: MopTite® 667-CST-SW Series



See pages A-138-A-139.

Access Floor Modules

- Material: Stamped Steel
- Covers: MopTite® covers, assembled



See pages A-186-A-195.

Poke-Through Systems

 File No. E2969



Flush Service

See pages A-174-A-179.



Furniture Feed

See pages A-180-A-182.



Pedestal

See page A-183.

www.tnb.com

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Technical Services
Tel: 888.862.3289


Above Board Electronics, Inc.

Request Info


Thomas & Betts

1-800-453-1692
www.aboveboardelectronics.com

Overview

Flush-Service Floor Boxes — Outlets at Floor Level

68-HP Series

- Material: Non-Metallic
- Covers: 68-HP Series



See pages A-143–A-146.

68 Series

- Material: Stamped Steel
- Covers: MopTite® P60 Series



See pages A-147–A-149.

600 Series

- Material: Cast Iron
- Covers: MopTite® P60 Series



See pages A-147–A-149.

68P Series

- Material: Non-Metallic
- Covers: MopTite® P60 & P68 Series



See pages A-150–A-153.

78 Series

- Material: Cast Iron
- Covers: MopTite® P90 Series



See pages A-154–A-155.

88 Series

- Material: Stamped Steel
- Covers: MopTite® P90 Series



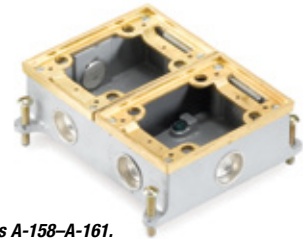
See pages A-154–A-155.

640 Series (1-, 2-, 3- & 4-Gang) 840 Series (1-, 2- & 3-Gang)

- Material: Cast Iron
- Covers: MopTite® P64 Series



See pages A-158–A-161.



See pages A-158–A-161.

640P Series (1-, 2- & 3-Gang)

- Material: Non-Metallic
- Covers: 640P Series Activations with MopTite® P64 Series Covers



See pages A-162–A-163.

740 Series (1-, 2- & 3-Gang)

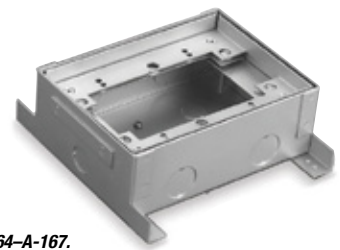
- Material: Stamped Steel
- Covers: 640P Series Activations with MopTite® P64 Series Covers



File No. E2969



File No. L12798



See pages A-164–A-167.

Overview

Floor Box Selection Guide

CAT. NO.	SERVICE CAPABILITIES				FLOOR BOX BODY MATERIAL			MINIMUM DEPTH OF POUR							ADJUSTABILITY		
	RECEPTACLES			MULTIPLE SERVICE CAPABILITIES	CAST IRON	STAMPED STEEL	NON-METALLIC	2"	2½"	3"	3½"	4"	4½"	WOOD FLOOR	FULLY-	SEMI-	NON-
	SINGLE	DUPLEX	GFCI														
GAB-4, GAB-6		•	•	•										•			
SFH-40 SERIES	•	•															•
SFH-50 SERIES	•	•															•
SFL-10 SERIES																	•
600	•	•	•														
601	•	•	•														
602	•	•	•														
603	•	•	•														
604	•	•			•												•
61-W		•	•			•											•
62-W			•			•											•
641	•	•	•		•												•
641P	•	•	•		•												•
642	•	•	•		•												•
642P	•	•	•		•												•
643	•	•	•		•												•
643P	•	•	•		•												•
644	•	•	•		•												•
663-SC		•				•											•
664-CI		•	•		•												•
664-S		•				•											•
664-SC		•	•			•											•
665		•	•			•											•
665-CI		•	•		•												•
667-SC		•	•			•											•
668-S		•	•			•											•
671-SC	•																•
672	•																•
68-D	•	•	•		•												•
68-P	•	•															•
68-S	•	•	•		•												•
71-W		•	•			•											•
78-S	•																•
78-SC	•																•
841-SC	•	•	•		•												•
842-SC	•	•	•		•												•
843-SC	•	•	•		•												•
88-D	•				•												•
88-S	•				•												•
GAB-8-S	•	•	•			•								6"			•

Overview

Floor Box Cover Selection Guide

FLOOR BOX CAT. NO.	DESCRIPTION	COVER PLATES	BRASS	CARPET ACTIVATIONS			TILE ACTIVATION		
				ALUMINUM	NON-METALLIC		BRASS	ALUMINUM	NON-METALLIC
663-SC	Concealed Service — Steel	P60 Series	P60-CP	P60-CPAL	P62-CP	P62-TAR	SP-P62-TAR-A	N/A	
664-SC	Concealed Service — Steel	664-CST-Series	N/A	N/A	664-CST-Series	N/A	N/A	N/A	
664-S	Shallow Concealed Service — Steel	664-CST-Series	N/A	N/A	664-CST-Series	N/A	N/A	N/A	
664-CI	Concealed Service — Cast Iron	664-CST-Series	N/A	N/A	664-CST-Series	N/A	N/A	N/A	
68-S	Flush Service — Steel	P60 Series	P60-CP P60-CACP	P60-CPAL P60-CACPAL	P60-LCP	*	**	—	
68-D	Flush Service — Steel	P60 Series	P60-CP P60-CACP	P60-CPAL P60-CACPAL	P60-LCP	*	**	—	
68-P	Flush Service — Non-Metallic	P60 Series	P60-CP P60-CACP	P60-CPAL P60-CACPAL	P68-SRC Color P68-DRC-Color P68-ECC-Color	68-PAR-W/ 600-4-FL	68-PAR-W/ 600-4-FL-AL	—	
600-SC SERIES	Flush Service — Cast Iron	P60 Series	P60-CP P60-CACP	C60-CPAL P60-CACPAL	N/A	*	**	—	
601-SC SERIES	Flush Service — Cast Iron	P60 Series	P60-CP P60-CACP	C60-CPAL P60-CACPAL	N/A	*	**	—	
602-SC SERIES	Flush Service — Cast Iron	P60 Series	P60-CP P60-CACP	C60-CPAL P60-CACPAL	N/A	*	**	—	
603-SC SERIES	Flush Service — Cast Iron	P60 Series	P60-CP P60-CACP	C60-CPAL P60-CACPAL	N/A	*	**	—	
604-SC SERIES	Flush Service — Cast Iron	P60 Series	P60-CP P60-CACP	C60-CPAL P60-CACPAL	N/A	*	**	—	
641	Flush Service — Cast Iron	P64 Series	P64-CP	P64-CPAL	P64-CP Series P-64-LCP	*	**	N/A	
641P	Flush Service — Non-Metallic	P64 Series P64P Series	641P-CACB	641P-CACA	641P-CAC Series	641P-TACB	641P-TACA	641P-TAC-Series	
642	Flush Service — Cast Iron	P64 Series	P64-2GCP	P64-2GCPAL	P64P-2GCP Series P64-2LCP	*	**	N/A	
642P	Flush Service — Non-Metallic	P64 Series P64P Series	642P-CACB	642P-CACA	642P-CAC Series	642P-TACB	642P-TACA	642P-TAC Series	
643	Flush Service — Cast Iron	P64 Series	P64-3GCP	P64-3GCPAL	P64P-3GCP Series P64-3LCP	*	**	N/A	
643P	Flush Service — Non-Metallic	P64 Series P64P Series	643P-CACB	643P-CACA	643P-CAC Series	633P-TACB	643P-TACA	643P-TAC Series	
644	Flush Service — Cast Iron	P64 Series	P64-4GCP	P64-4GCPAL	N/A	*	**	N/A	
841-SC	Shallow Flush Service — Cast Iron	P64 Series	P64-CP	P64CPAL	P64P-CP Series P64-LCP	*	**	N/A	
842-SC	Shallow Flush Service — Cast Iron	P64 Series	P64-2GCP	P64-2GCPAL	P64P-2GCP Series P64-2LCP	*	**	—	
843-SC	Shallow Flush Service — Cast Iron	P64 Series	P64-3GCP	P64-3GCPA	P64-3GCP Series P64-3LCP	*	**	N/A	
78-SC	Flush Service — Cast Iron	P90 Series	P90-CP	P90-CPAL	N/A	*	**	N/A	
78S	Flush Service — Cast Iron	P90 Series	P90-CP	P90-CPAL	N/A	*	**	N/A	
671	Flush Service — Cast Iron	P67 Series	P90-CP	P90-CPAL	N/A	—	**	N/A	
672	Flush Service — Cast Iron	P67 Series	P90-CP	P90-CPAL	N/A	*	**	N/A	
88D	Flush Service — Steel	P90 Series	P90-CP	P90-CPAL	N/A	*	**	N/A	
88DA	Flush Service — Steel	P90 Series	P90-CP	P90-CPAL	N/A	*	**	N/A	
88S	Flush Service — Steel	P90 Series	P90-CP	P90-CPAL	N/A	*	**	N/A	
98	Flush Service	P90 Series	P90-CP	P90-CPAL	N/A	*	**	N/A	
665-SC	Concealed Service	665-CST Series	N/A	N/A	665-CST Series	—	—	—	
667	Concealed Service	665-CST Series	N/A	N/A	665-CST Series	—	—	—	
61W	Flush Service — Steel	P64 Series	P64-CP	P64-CPAL	P64-CP Series	N/A	N/A	N/A	
62W	Flush Service — Steel	P64 Series	P64-2GCP	P64-2GCPAL	P64-2GCP Series	N/A	N/A	N/A	

* Supplied standard with box.

** Supplied standard with -AL suffix box.

N/A Not Available.

Overview

Floor Box Cover Selection Guide

COVER SERIES	COVER CAT. NO.	DESCRIPTION	STANDARD FINISH
P60 4" Dia.	P-60-1/2	½" N.P.S. Plug	Brushed Brass
	P-60-1/2-AL	½" N.P.S. Plug	Brushed Aluminum
	P-60-3/4	¾" N.P.S. Plug	Brushed Brass
	P-60-3/4-AL	¾" N.P.S. Plug	Brushed Aluminum
	P-60-1	1" N.P.S. Plug	Brushed Brass
	P-60-1-AL	1" N.P.S. Plug	Brushed Aluminum
	P-60-1 1/4	1¼" N.P.S. Plug	Brushed Brass
	P-60-1 1/4-AL	1¼" N.P.S. Plug	Brushed Aluminum
	P-60-2	2" Dia. Plug	Brushed Brass
	P-60-2-AL	2" Dia. Plug	Brushed Aluminum
	P-60-2 5/8	2⅝" Dia. Plug	Brushed Brass
	P-60-2 5/8-AL	2⅝" Dia. Plug	Brushed Aluminum
	P-60-1/2-2	½" N.P.S. & 2" Dia. Plugs	Brushed Brass
	P-60-1/2-2-AL	½" N.P.S. & 2" Dia. Plugs	Brushed Aluminum
	P-60-3/4-2	¾" N.P.S. & 2" Dia. Plugs	Brushed Brass
	P-60-3/4-2-AL	¾" N.P.S. & 2" Dia. Plugs	Brushed Aluminum
	P-60-DU	Two 1⅞" Dia. Plugs	Brushed Brass
	P-60-DU-AL	Two 1⅞" Dia. Plugs	Brushed Aluminum
	P-60-DS	Two Hinged Lift Lids	Brushed Brass
	P-60-DS-AL	Two Hinged Lift Lids	Brushed Aluminum
P-60-DR	Single Hinged Lift Lid	Brushed Brass	
P-60-DR-AL	Single Hinged Lift Lid	Brushed Aluminum	
P-60-GFCI	GFCI Hinged Lift Lid	Brushed Brass	
P60-CACP One-Piece 5⅜" Dia.	P-60-CACP	One-Piece Carpet Plate with Two Hinged Lift Lids for Duplex	Brushed Brass
	P-60-CACP-AL	One-Piece Carpet Plate with Two Hinged Lift Lids for Duplex	Brushed Aluminum
	P-60-CACP-GFCI	One-Piece Carpet Plate with Two GFCI Hinged Lift Lids	Brushed Brass
	P-60-3/4-2-CACP	One-Piece Carpet Plate with 3⅝" N.P.S. & 2" Dia. Plug	Brushed Brass
	P-60-3/4-2-CACP-AL	One-Piece Carpet Plate with ¾" & 2" N.P.S. Plugs	—
P67 3½" Dia.	P-67-1/2	½" N.P.S. Plug	Brushed Brass
	P-67-3/4	¾" N.P.S. Plug	Brushed Brass
	P-67-3/4-AL	¾" N.P.S. Plug	Brushed Aluminum
	P-67-1	1" N.P.S. Plug	Brushed Brass
	P-67-1AL	1" N.P.S. Plug	Brushed Aluminum
	P-67-1 1/4	1¼" N.P.S. Plug	Brushed Brass
	P-67-2	2" Dia. Plug	Brushed Brass
	P-67-2AL	2" Dia. Plug	Brushed Aluminum
	P-67-1/2-2	½" N.P.S. & 2" Dia. Plugs	Brushed Brass
	P-67-3/4-2	¾" N.P.S. & Dia. Plugs	Brushed Brass

COVER SERIES	COVER CAT. NO.	DESCRIPTION	STANDARD FINISH
P64 3" x 4 ½" Rectangular	P-64-1/2	½" N.P.S. Plug	Polished Brass
	P-64-1/2AL	½" N.P.S. Plug	Brushed Aluminum
	P-64-3/4	¾" N.P.S. Plug	Polished Brass
	P-64-3/4AL	¾" N.P.S. Plug	Brushed Aluminum
	P-64-1	1" N.P.S. Plug	Polished Brass
	P-64-1AL	1" N.P.S. Plug	Brushed Aluminum
	P-64-1 1/4	1¼" N.P.S. Plug	Polished Brass
	P-64-1 1/4AL	1¼" N.P.S. Plug	Brushed Aluminum
	2" N.P.S. PLUG	2" N.P.S. Plug	Polished Brass
	2" N.P.S. PLUG	2" N.P.S. Plug	Brushed Aluminum
	P-64-1/2-2	½" & 2" N.P.S. Plug	Polished Brass
	P-64-1/2-2AL	½" & 2" N.P.S. Plug	Brushed Aluminum
	P-64-3/4-2	¾" & 2" N.P.S. Plug	Polished Brass
	P-64-3/4-2AL	¾" & 2" N.P.S. Plug	Brushed Aluminum
P-64-2-5/8	2⅝" N.P.S. Plug	Polished Brass	
P-64-2-5/8AL	2⅝" N.P.S. Plug	Brushed Aluminum	
P-64-DU	Two 1⅞" Dia. Plugs	Polished Brass	
P-64-DUAL	Two 1⅞" Dia. Plugs	Brushed Aluminum	
P-64-D8	Two Hinged Lift Lids	Polished Brass	
P64P	P-64-GFCI	GFCI Hinged Lift Lid	Polished Brass
	P-64P-BP	Blank Plate	Non-Metallic
	P-64P-URC	Universal Cover	Non-Metallic
P90 2¾" Dia.	P-90-1/2	½" N.P.S. Plug	Polished Brass
	P-90-1/2AL	½" N.P.S. Plug	Brushed Aluminum
	P-90-3/4	¾" N.P.S. Plug	Polished Brass
	P-90-3/4AL	¾" N.P.S. Plug	Brushed Aluminum
	P-90-1	1" N.P.S. Plug	Polished Brass
	P-90-1AL	1" N.P.S. Plug	Brushed Aluminum
	P-90-1 1/4	1¼" N.P.S. Plug	Polished Brass
	P-90-1 1/4AL	1¼" N.P.S. Plug	Brushed Aluminum
	P-90-2	2" Dia. Plug	Polished Brass
	P-90-2AL	2" Dia. Plug	Brushed Aluminum
P68 6" Dia.	P-90-1/2-2	½" N.P.S. & 2" Dia. Plugs	Polished Brass
	P-90-1/2-2AL	½" N.P.S. & 2" Dia. Plugs	Brushed Aluminum
	P-90-3/4-2	¾" N.P.S. & 2" Dia. Plugs	Polished Brass
	P-90-3/4-2AL	¾" N.P.S. & 2" Dia. Plugs	Brushed Aluminum
	P-68-SRC-GRY	Carpet & Cover Plate for Single Receptacle	Non-Metallic Gray
	P-68-SRC-BRN	Carpet & Cover Plate for Single Receptacle	Non-Metallic Brown
	P-68-SRC-BGE	Carpet & Cover Plate for Single Receptacle	Non-Metallic Beige
	P-68-FSC-GRY	Carpet & Cover Plate with 1" N.P.S. Plug	Non-Metallic Gray
	P-68-FSC-BRN	Carpet & Cover Plate with 1" N.P.S. Plug	Non-Metallic Brown
	P-68-FSC-BGE	Carpet & Cover Plate with 1" N.P.S. Plug	Non-Metallic Beige
P-68-DRG-GRY	Carpet & Cover Plate for Duplex Receptacle	Non-Metallic Gray	
P-68-DRG-BRN	Carpet & Cover Plate for Duplex Receptacle	Non-Metallic Brown	
P-68-DRG-BGE	Carpet & Cover Plate for Duplex Receptacle	Non-Metallic Beige	

Overview

Standard Specification — Flush Floor Boxes

Cast Iron Formed Steel

Considerations when writing specifications:

Floor boxes are manufactured in various sizes, configurations and materials. The specifier should determine the most suitable product for his application. Refer to the T&B floor box catalog and select the appropriate paragraphs listed below. Plans should supply wiring capacity, conduit sizes, adjustability and floor finish. Construction Specifications Institute (CSI) references sections: 16132 Floor Boxes; 16141 Wiring Devices; Part 2-206 Floor Mounted Service Fittings; and 16741 Telephone Raceway Systems, Part 2-201 G Floor Boxes. Section 16132 Floor Boxes is preferable.

PART 2: PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS — FLOOR BOXES

A. Shall be as manufactured by Thomas & Betts, Memphis, TN

2.02 MATERIALS — FLOOR BOXES

2.02.1

A. Shall be cast iron, painted inside and out with weatherproof paint intended for use on metal as indicated on the plans.

2.02.1

B. Shall be formed steel with a zinc plating at least .0005 in. thick on the outside and .00015 in. thick on the inside as indicated on the plans.

2.02.2

A. Construction shall be as required by UL 514A.

2.02.2

B. Carpet or tile frame shall be (brass, aluminum, polycarbonate, nylon).

2.02.2

C. Cover assembly shall protect against the ingress of water or foreign material with a gasket and shall be UL Listed as moptight.

2.03 GENERAL DESIGN — FLOOR BOXES

A. Shall deliver electric power from receptacles installed at the surface of the floor or from service fittings (Reference 16141 as shown on the plans).

B. 640/840 Series shall deliver power and telephone/data cable without interference from electric power delivery (see Section 16741).

C. Cubic inch capacity shall be as shown on the plans.

D. Boxes shall accept conduit sizes as required on the plans.

E. Shall be listed by Underwriters Laboratories.

PART 3: EXECUTION

3.01 GENERAL

A. Locate position for floor boxes and runs of conduit as shown on the plans.

3.01 INSTALLATION

A. Position floor boxes and conduit runs.

B. After concrete pour, pull wires and install devices according to manufacturers recommendations.

C. Activate in accordance with the National Electrical Code®.

D. Coordinate with floor covering contractor to complete installation.

Standard Specification — Concealed Service

Service Floor Outlet Multiple Service, Power and Communications

Considerations when writing specifications:

The 664 Concealed Service Floor Box provides both electric power and telephone (data) services from the same device for economy of space and cost, as well as affording a flush delivery (no above floor service fitting). For these reasons, your specification may reference this product in three sections: Floor Boxes, Wiring Devices and Telephone Raceway Systems. Construction Specifications Institute (CSI) references them in: 16132 Floor Boxes; 16141 Wiring Devices; Part 2 — 2.06 Floor Mounted Service Fittings; and 16741 Telephone Raceway Systems, Part 2 — 2.01 G Floor Boxes. Section 16132 Floor Boxes is preferable. For clarification include a reference in 16141, Part 2, 2.06 Floor Mounted Service Fittings as follows: Surface type service fittings are not acceptable.

PART 2: PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS — FLOOR BOXES, MULTIPLE SERVICE

A. Shall be series 664 concealed service floor box as manufactured by Thomas & Betts.

2.02 MATERIALS — FLOOR BOXES, MULTIPLE SERVICE.

A. Shall be electrogalvanized, 14 gauge sheet steel. (Alternate A shall be cast iron).

B. Construction shall be as required by UL 514A.

C. Carpet frame shall be nylon UL Recognized Component QMFZ2.

D. Hinged outer cover shall be reinforced with a ½" steel plate.

2.03 GENERAL DESIGN — FLOOR BOXES, MULTIPLE SERVICE.

A. Shall deliver electric power from one or two duplex receptacles installed below the surface of the floor.

B. Shall deliver telephone or data cable without interference from the electric power delivery.

C. Shall protect delivery of both services by a hinged cover with a retractable opening and foam plastomer dust seal.

D. Hinged cover shall accept carpet or tile to match floor covering and be 180 degrees reversible.

E. Shall have 90 cubic inch total capacity with 24 cubic inch power chambers.

F. Shall accept conduit sizes up to 1½ inches.

G. Shall afford 18 square inches of access with cover open.

H. Box shall be listed by Underwriters Laboratories.

I. When hinged cover is closed and no services in place, device shall have no obstructions above surface of floor.

PART 3: EXECUTION

3.01 GENERAL

A. Locate position for floor boxes and runs of conduit as shown on the plans.

3.02 INSTALLATION

A. Position floor boxes and conduit runs.

B. After concrete pour pull wires and install devices according to manufacturer's recommendations.

C. Activate in accordance with the National Electrical Code®.

D. Coordinate with floor covering contractor to complete installation.

Standard Specification — Above-Floor Service

Service Floor Outlet Multiple Service, Power and Communications

Considerations when writing specifications: The 664 Concealed Service Floor Box provides both electric power and telephone (data) services from the same device for economy of space and cost, as well as affording a flush delivery (no above floor service fitting). For these reasons, your specification may reference this product in three sections: Floor Boxes, Wiring Devices and Telephone Raceway Systems. Construction Specifications Institute (CSI) references them in: 16132 Floor Boxes; 16141 Wiring Devices; Part 2 — 2.06 Floor Mounted Service Fittings; and 16741 Telephone Raceway Systems, Part 2 — 2.01 G Floor Boxes. Section 16132 Floor Boxes is preferable. For clarification include a reference in 16141, Part 2, 2.06 Floor Mounted Service Fittings as follows: Surface type service fittings are not acceptable.

PART 2: PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS — FLOOR BOXES, MULTIPLE SERVICE

A. Shall be series 664 concealed service floor box as manufactured by Thomas & Betts.

2.02 MATERIALS — FLOOR BOXES, MULTIPLE SERVICE.

A. Shall be electrogalvanized, 14 gauge sheet steel. (Alternate A shall be cast iron).

B. Construction shall be as required by UL 514A.

C. Carpet frame shall be nylon UL Recognized Component QMFZ2.

D. Hinged outer cover shall be reinforced with a ½" steel plate.

2.03 GENERAL DESIGN — FLOOR BOXES, MULTIPLE SERVICE.

A. Shall deliver electric power from one or two duplex receptacles installed below the surface of the floor.

B. Shall deliver telephone or data cable without interference from the electric power delivery.

C. Shall protect delivery of both services by a hinged cover with a retractable opening and foam plastomer dust seal.

D. Hinged cover shall accept carpet or tile to match floor covering and be 180 degrees reversible.

E. Shall have 90 cubic inch total capacity with 24 cubic inch power chambers.

F. Shall accept conduit sizes up to 1½ inches.

G. Shall afford 18 square inches of access with cover open.

H. Box shall be listed by Underwriters Laboratories.

I. When hinged cover is closed and no services in place, device shall have no obstructions above surface of floor.

PART 3: EXECUTION

3.01 GENERAL

A. Locate position for floor boxes and runs of conduit as shown on the plans.

3.02 INSTALLATION

A. Position floor boxes and conduit runs.

B. After concrete pour pull wires and install devices according to manufacturer's recommendations.

C. Activate in accordance with the National Electrical Code®.

D. Coordinate with floor covering contractor to complete installation.

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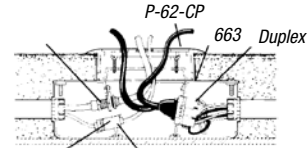
Recessed Service Floor Boxes

663-SC Floor Box

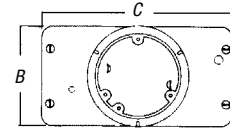
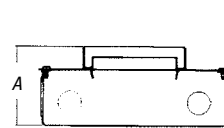
- Multiple service floor box that delivers power, communications and data from standard conduit with no exposed service fittings
- Result: Open office planning flexibility
- Ideal for workstations that require power, communications and data service
- Stamped steel, concrete-tight, semi-adjustable
- Electro-galvanized body and hardware
- Shipped complete with expendable cap to prevent ingress of concrete
- Blank- and duplex-face plates can be mounted at either end of the box
- Does not include duplex faceplate; faceplate is included with P-62-CP and P-60-3B cover plates
- Uses P-62 and P-60 Series covers*



663-SC



Communications Connector



Engineering Data for 663 Series Floor Box



CAT. NO.	DIMENSIONS (IN.)			BEFORE POUR ADJ.	AFTER POUR ADJ.	MAXIMUM CAPACITY (CU. IN.)	CONDUIT KOS	
	A	B	C				SIDES	BOTTOM
663-SC	3 $\frac{5}{8}$	4 $\frac{11}{16}$	8 $\frac{3}{16}$	None	$\frac{3}{4}$ "	25 per gang 90 Total	(2) 1–1 $\frac{1}{4}$ " (4) $\frac{3}{4}$ "	None



CAT. NO.	COVERS AND CARPET PLATES	WIRING DEVICE	STD. CTN.
663-SC	P-62 Series P-60* Series	Duplex and/or Data/Voice	4

*P-62-TAR is required when using P-60 series covers.

Caution: To abandon 663 you must use a P-60 series brass cover plate.

Covers, Carpet Plates and Adjusting Rings for 663 Series

P-60-3B

- Polished brass finish with non-metallic bronze insert
- Plastic insert has one $\frac{7}{8}$ " cutout and two $\frac{1}{2}$ " cutouts
- Furnished complete with sealing gasket, 8-32 x $\frac{7}{16}$ " brass screws and one P-60-Q device plate

- Split cover sections have access notch for screwdriver lift



P-60-3B

P-62-CP

- High-strength polycarbonate
- Furnished with one $\frac{7}{8}$ " cutout and two $\frac{1}{2}$ " cutouts and P-60-Q device plate
- 5 $\frac{1}{16}$ " outside diameter



P-62-CP

P-62-TAR

- Gives $\frac{3}{4}$ " adjustment when mounted on 663 Floor Box
- Accepts P-60-3B, P-60-CP and all P-60 Series cover plates



P-62-TAR

P-60-CP

- Polished-brass finish
- P-62-TAR is required when used on 663 floor box
- 5 $\frac{1}{16}$ " outside diameter



P-60-CP



CAT. NO.	DESCRIPTION	STD. CTN.
P-60-3B* ¹	Brass Cover Plate — Includes 1 P60Q	4
P-62-CP-AS* ²	Polycarbonate Cover and Carpet Plate (charcoal) — Includes 1 P60Q	4
P-62-CP-BRN* ²	Polycarbonate Cover and Carpet Plate (brown) — Includes 1 P60Q	4
P-62-CP-G* ²	Polycarbonate Cover and Carpet Plate (gold) — Includes 1 P60Q	4
P-60-CP	Carpet Plate (polished brass)	4
P-60-CP-AL	Carpet Plate (aluminum)	4
P-62-TAR	Flange and Adjusting Ring for 663 Box (brass)	4
P-62-TAR-AL	Flange and Adjusting Ring for 663 Box (aluminum)	4
P-60-Q	Duplex Receptacle Plate for 663 Floor Box	4
P-60-QB	Blank Plate for 663 Floor Box	4
P-60-Q-GFCI	GFCI Plate for 663 Floor Box	4

* For use as cover only when box is in service.

¹ When not in use, replace P-60-3B Grommet with 697 Plug.

² When not in use, the P-62-CP Series Cover should be replaced by P-60-CP, P-60 and P-62 TAR Series Covers.

Caution: These covers are not to be used in high traffic areas.

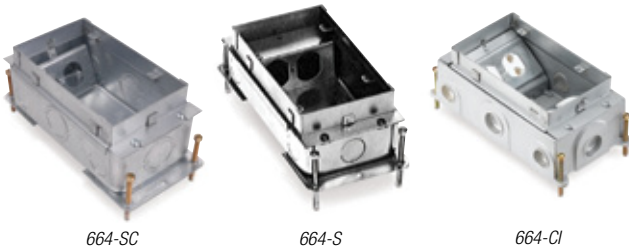
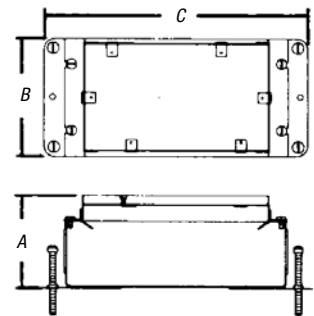
For communications accessories, see **page A-140**.

Recessed Service Floor Boxes

Multiple-Service Floor Boxes for Power, Communications and Data: 664 Series

Multiple-service floor boxes deliver power, communications and data from standard conduit with no exposed service fittings. Result: Open office planning flexibility. Ideal for the modern office with workstations that have power, communications and data equipment. Power receptacles and low-voltage connections can be enclosed underfloor in either steel or cast-iron bodies. Galvanized 14-gauge steel boxes are provided with knockouts from 3/4" to 1 1/4" (see engineering data). Cast-iron bodies have threaded openings for 3/4" and 1" conduit.

- Two-compartment box is available in three configurations: stamped steel (664-SC), shallow (664-S) and cast iron (664-CI)
- Durable non-metallic covers include a steel reinforcement plate for added strength
- NEW! Metallic covers in solid brass and aluminum provide aesthetics and durability
- Four leveling screws enable quick leveling to desired concrete depth
- Cover flange self-levels with the finished floor for easy installation



CAT. NO.	DESCRIPTION	STD. CTN.
664-SC	Stamped-Steel Box which Accepts Two Plates, One Duplex Plate Provided	4
664-CI	Cast-Iron Box which Accepts Two Plates, One Duplex Plate Provided	1
664-S	Shallow Stamped-Steel Box which Accepts Two Plates, One Duplex Plate Provided	4

Note: When ordering a 664 Series box, the cover must be ordered separately. See [page A-131](#).

For communications accessories, see [page A-140](#).

Engineering Data for 664 Series

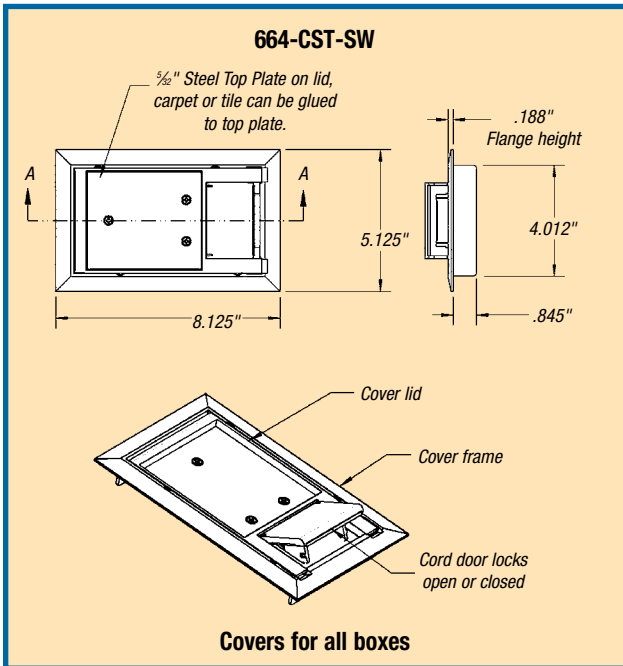
CAT. NO.	DIMENSIONS (IN.)			BEFORE POUR ADJ. (IN.)	AFTER POUR ADJ. (IN.)	MAXIMUM CAPACITY (CU. IN.)	CONDUIT HUBS	CONDUIT KOS		
	A	B	C					SIDES	BOTTOM	COVERS
664-SC	3 3/4	4 11/16	10 1/4	2 1/2	3/4	24 per gang, 90 total	—	(4) 1"–1 1/2" (4) 3/4"	None	664-CST Series
664-CI	3 3/4	5 3/32	9 15/16	2 1/2	3/4	24 per gang, 90 total	(4) 3/4" (4) 1"	—	—	664-CST Series
664-S	2 5/8	4 11/16	10 1/4	1 1/2	3/4	16.5 per gang, 70 total	—	(6) 3/4"	None	664-CST Series

CAUTION: When using the center side KOs, Cat. No. 664-RP must be assembled to the box prior to installing the conduit.



Recessed Service Floor Boxes

Non-Metallic Covers for 664 Series Floor Boxes



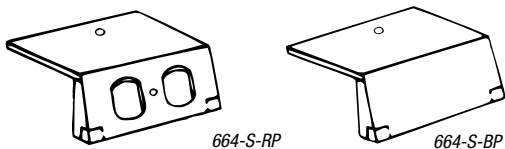
MopTite® covers meet UL scrubwater exclusion requirements for carpet, tile and wood.



CAT. NO.	DESCRIPTION	LOAD RATING	STD. CTN.
664-CST-SW-GRY	Gray Cover	1,500 lbs.	1
664-CST-SW-BRN	Brown Cover	1,500 lbs.	1
664-CST-SW-BGE	Beige Cover	1,500 lbs.	1
664-CST-SW-BLK	Black Cover	1,500 lbs.	1

Material: Polycarbonate with 1/2" steel plate.

Device Plates — 664-S



CAT. NO.	DESCRIPTION	STD. CTN.
664-S-RP	Blank Plate for Use with 664-S Floor Box	4
664-S-BP	Blank Plate for Use with 664-S Floor Box	4

Wire Tunnel for 664 Series

- Wire tunnel for protecting electrical connections between the two duplex receptacles when the box is used for power/power application



CAT. NO.	DESCRIPTION	STD. CTN.
664-WT	For Use with 664 and 664-CI Floor Boxes	4
664-S-WT	For Use with 664-S Floor Box	4

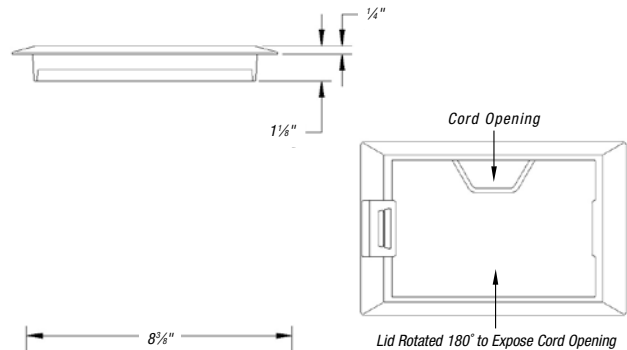
Metallic Covers for 664 Series Floor Boxes

NEW!



664-CST-SW-BRS
Solid Brass

664-CST-SW-ALM
Solid Aluminum



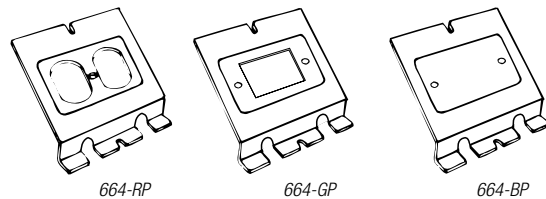
MopTite® covers meet UL scrubwater exclusion requirements for carpet, tile and wood.



CAT. NO.	DESCRIPTION	LOAD RATING	STD. CTN.
664-CST-SW-BRS	Solid Brass Cover for 664 Series Floor Boxes	2,250 lbs.	1
664-CST-SW-ALM	Solid Aluminum Cover for 664 Series Floor Boxes	2,250 lbs.	1

Device Plates — 664-SC & 664-CI

- Duplex receptacle face plate for 664 Series floor box for additional power service
- Does not include duplex receptacle. Can be placed at either end of floor box

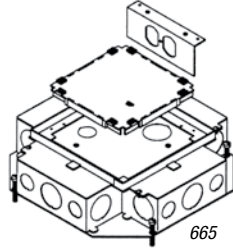


CAT. NO.	DESCRIPTION	STD. CTN.
664-RP	For Use with 664 and 664-CI Floor Boxes	4
664-BP	Blank Plate for Use with 664 & 664-CI Floor Boxes	4
664-GP	GFCI Receptacle Plate	4

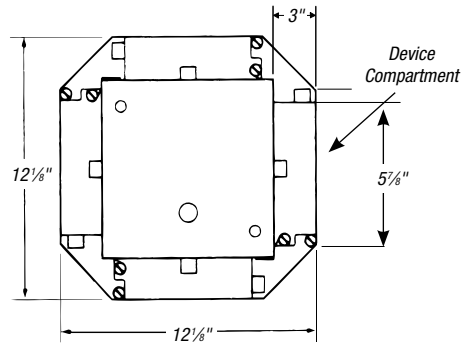
CAUTION: When using the center side KOs, all 664 plates must be assembled to the box prior to installing the conduit.

Recessed Service Floor Boxes

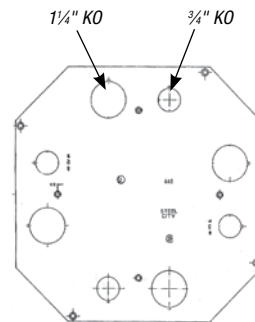
665 Series Floor Boxes: 665-SC



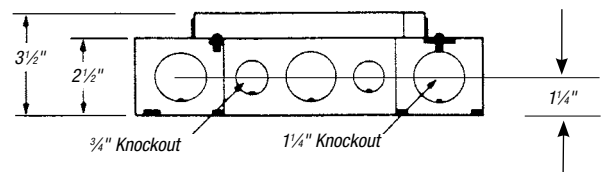
- Four (4) device compartments can accommodate any combination of devices. For example: (3) duplex power devices and (1) duplex telephone device, or (2) voice and data connectors and (1) GFCI device and (1) blank, etc.
- Overall height of 3½" allows for shallow pours when needed
- High-strength polycarbonate cover with a 5/32" steel plate assures structural integrity
- Metallic Covers also available in solid brass and aluminum
- Four-side feed-through allows installer to feed through power or data/comm service from any orientation
- Non-metallic wire tunnels aesthetically clean. Full-width tunnel provides maximum feed-through capacity; non-metallic material prevents conductor damage
- Total access area of 126 cu. in. allows for friendly installation of workstation cables
- Contains 28 knockouts (16–1¼" and 12¾" KOs) that provide increased flexibility when installed
- The 665 line is an extension of the industry-leading 664 Series; our concealed service line now allows the customer to install up to four device panels in one box
- Through the use of a unique non-metallic wire tunnel, the installer can easily partition the power, voice/data requirements
- This UL Listed, stamped-steel floor box can be installed with Thomas & Betts voice and data connector products
- Four 2½" levelling screws provided with all boxes
- Device panels ordered separately



Top View



Bottom Plate



CAT. NO.	DESCRIPTION	DEVICE COMPARTMENTS (IN.)				DEVICE ACCESS AREA	STD. CTN.
		LENGTH	WIDTH	HEIGHT	AREA		
665-SC	Stamped Steel Box	5¾	2¾	2½	40 cu. in.	126 cu. in.	1

665-SC floor box does not include device plates or covers. Order separately (see page A-135).

Material: Pre-Galvanized Steel.

For communication accessories, see page A-140.

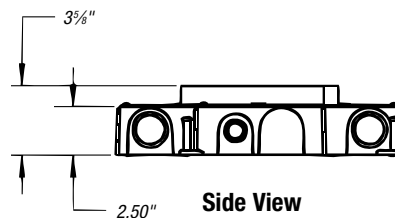
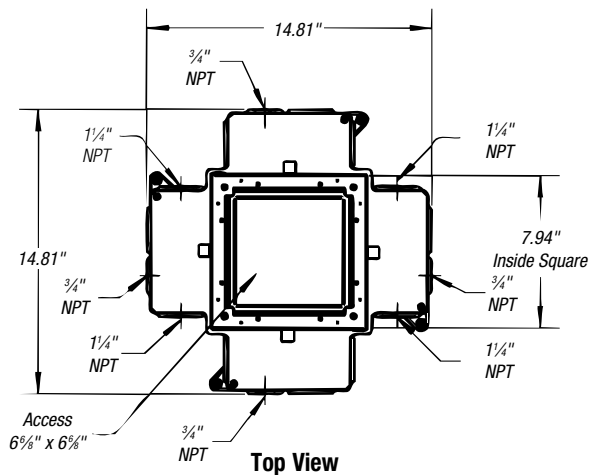
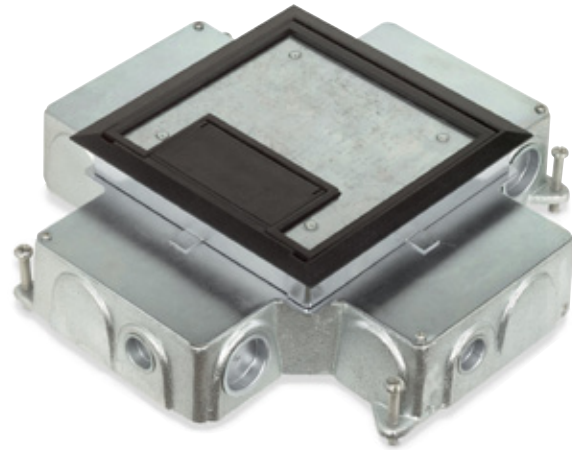
Recessed Service Floor Boxes

Cast Iron for Slab-On-Grade Applications

665 Series Floor Boxes: 665-CI

The new Steel City® 665 Cast Iron Floor Box provides a high-capacity power and data solution for ground-floor installations. This 4-gang recessed-service floor box is ideal for slab-on-grade applications. Removable voltage dividers enable users to customize wiring configurations by feeding two or more adjacent compartments with a single conduit. Aesthetic covers feature a recess to accept floor covering to match the surrounding floor.

- 4-gang, recessed service for a high-capacity aesthetic floor-box solution
- Removable voltage dividers between compartments enable a single conduit to feed two or more adjacent compartments
- Heavy-duty, non-metallic covers with steel-reinforcement plates are available in a wide variety of colors to match any decor (black, gray, brown and beige)
- Metallic Covers
- Separate cord door in the cover latches firmly in the open position to prevent damage to cables
- MopTite® covers meet UL scrubwater exclusion requirements for carpet, tile and wood
- Largest cubic-inch capacity of any cast iron recessed 4-gang floor box
- Inline 1 1/4" hubs allow high-capacity straight runs for communicator wiring
- Custom device panels and hub sizes are available — contact technical service about these offerings



Specifications

- Material: Box — Cast Iron
Cover — Polycarbonate with steel reinforcement plate
- Listing: UL and CSA Listed



CAT. NO.	DESCRIPTION	DEVICE COMPARTMENTS (IN.)				DEVICE ACCESS AREA	STD. CTN.
		LENGTH	WIDTH	HEIGHT	AREA		
665-CI	Cast Iron Box	5 3/4	3 1/2	2 1/4	45 cu. in.	126 cu. in.	1

665-CI floor box does not include device plates or cover. Order separately. (See page A-135)
Material: Pre-Galvanized Steel.

For communications accessories, see page A-140.

Recessed Service Floor Boxes

2" KOs for Audio Visual Applications

NEW!

665 Series Floor Boxes: 665-AV2

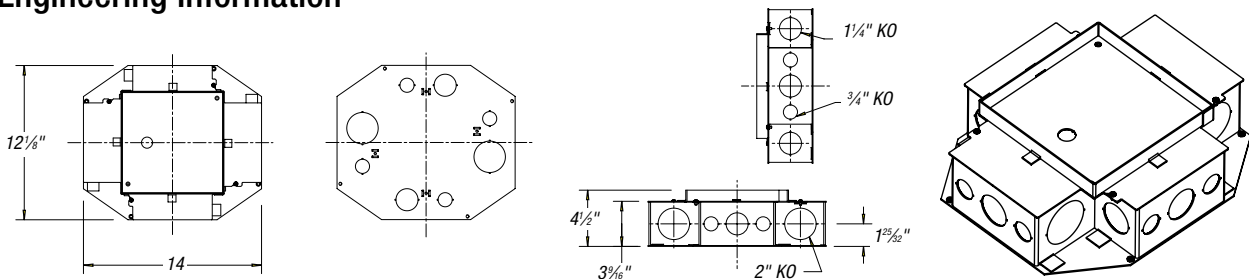
- 2" KOs enable pre-terminated AV cables and connectors to be pulled directly through the conduit
- Accepts standard 665 Series covers and device plates for power, voice, data and audio visual connections
- **NEW!** Rectangular adapters allow voice, data and AV connectors to be mounted in a standard GFCI device plate
- **NEW!** Keystone style voice, data and AV connectors meet a wide range of low-voltage applications. All connectors are recessed for flush mounting in floor box applications
- **NEW!** Device plates are available that accept Extron® MAAP plates to accommodate any AV requirements (Extron® MAAP plates purchased from an authorized Extron distributor)
- **NEW!** Metallic covers provide a durable, aesthetic installation, including industry-exclusive solid brass covers (not painted or plated), aluminum also available



Rectangular adapters and Keystone Inserts for GFCI Device Plates (see page A-140)

CAT. NO.	DESCRIPTION	STD. CTN.
665-AV2	4-Compartment Recessed Service Floor Box with 2" KOs for AV Applications	1
<p>665-AV2 floor box does not include device plates or cover. Order separately. (See page A-135) Extron® is a registered trademark of RGB Systems, Inc. For communication accessories, see page A-140</p>		

Engineering Information



665-AV2 Floor Box Engineering Data

CAT. NO.	BEFORE POUR ADJ. (IN.)	AFTER POUR ADJ. (IN.)	LENGTH (IN.)	COMPARTMENT SIZE & CAPACITY (QTY = 4)			CONDUIT KOS (IN.)	
				WIDTH (IN.)	HEIGHT (IN.)	VOLUME	SIDES	BOTTOM
665-AV2	2 1/2	3/4	(2) 5 3/4	3 3/4	3 3/8	72 cu. in.	(4) 2	(2) 2
			(2) 5 3/4	2 3/4	3 3/8	52 cu. in.	(8) 1 1/4	(2) 1 1/4
							(8) 3/4	(4) 3/4

Recessed Service Floor Boxes

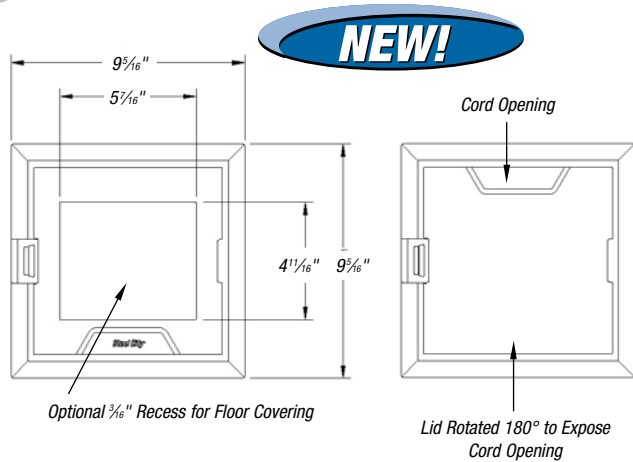
Metallic Covers for 665 Series Floor Boxes



665-CST-SW-BRS
Solid Brass



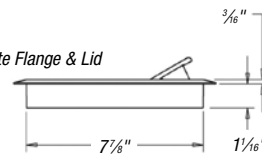
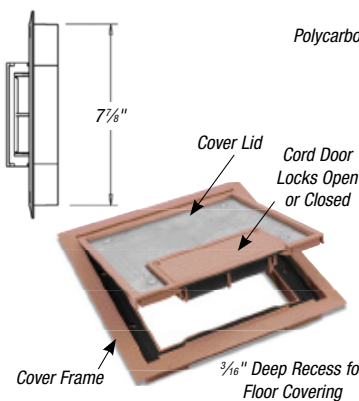
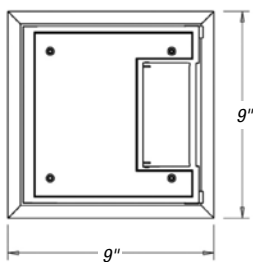
665-CST-SWR-ALM
Solid Aluminum with Recess for Floor Covering



CAT. NO.	DESCRIPTION	LOAD RATING (LBS.)	STD. CTN.
665-CST-SW-BRS	Solid Brass Cover for 665 Series Floor Boxes	1,500	1
665-CST-SWR-BRS	Solid Brass Cover with Recess for Floor Covering, 665 Series	1,500	1
665-CST-SW-ALM	Solid Aluminum Cover for 665 Series Floor Boxes	1,500	1
665-CST-SWR-ALM	Solid Aluminum Cover with Recess for Floor Covering, 665 Series	1,500	1

Non-Metallic Covers for 665 Series Floor Boxes

3/32" Steel Top Plate on Lid. Carpet or Tile can be Glued to Top Plate.



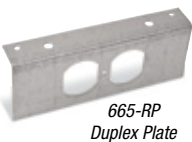
665-CST-SW-BLK
Black Non-Metallic Cover



CAT. NO.	DESCRIPTION	LOAD RATING	STD. CTN.
665-CST-SW-BLK	Non-Metallic Cover for 665 Series Floor Boxes, Black	750 lbs.	1
665-CST-SW-GRY	Non-Metallic Cover for 665 Series Floor Boxes, Gray	750 lbs.	1
665-CST-SW-BGE	Non-Metallic Cover for 665 Series Floor Boxes, Beige	750 lbs.	1
665-CST-SW-BRN	Non-Metallic Cover for 665 Series Floor Boxes, Brown	750 lbs.	1

Material: Polycarbonate with 3/32" steel plate.
Furnished with (4) #8-32 x 3/8" mounting screws.
Contact T&B Technical Service for Color Chip samples.

Device Plates and Accessories for 665 Series Floor Boxes



665-RP
Duplex Plate



665-GP
GFCI Plate

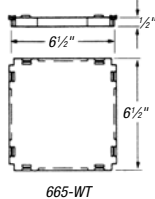
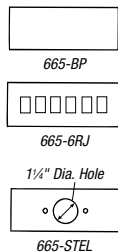
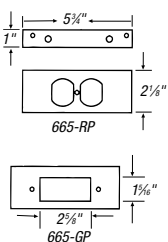


665-BP
Blank Plate



665-6RJ
Data Plate for 6
Keystone Jacks

665-WT
Wire Tunnel feeds multiple compartments from a single conduit (one included with each 665-AV2 and 665-SC)



CAT. NO.	DESCRIPTION	STD. CTN.
665-RP	Duplex Plate for 665 Series Floor Boxes	4
665-GP	GFCI Plate for 665 Series Floor Boxes	4
665-BP	Blank Plate for 665 Series Floor Boxes	4
665-6RJ	Data Plate for 665 Series Floor Boxes, Accepts 6 Keystone Jacks	4
665-STEL	Telephone Data Plate for 665 Series Floor Boxes	4
665-WT	Replacement Wire Tunnel for 665-SC & 665-AV2 Floor Boxes	4

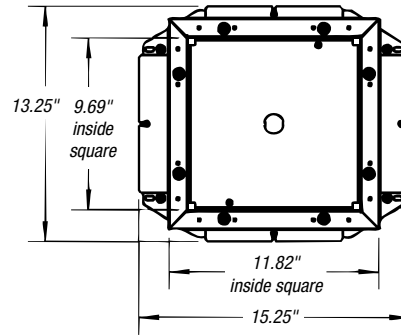
Each box requires (4) device plates. Material: Pre-galvanized steel.

Recessed Service Floor Boxes

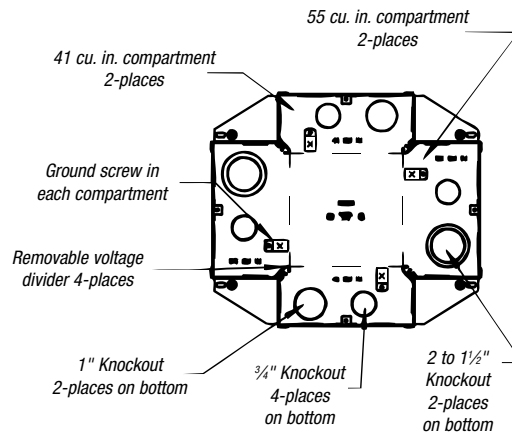
668-S Ultra-Shallow Floor Box

The new 668-S Ultra-Shallow Floor Box from Thomas & Betts provides a high-capacity power and data solution for shallow concrete floors. The low-profile 4-gang box is constructed of galvanized stamped steel. Removable voltage dividers enable users to customize wiring configurations by feeding two or more adjacent compartments with a single conduit. Metallic covers with durable powder-coat finish are designed to match any decor, while optional trim rings enable covers to be mounted completely flush with the floor in tile or wood floor applications.

- Low profile (2½" height) for shallow concrete pours
- 4-gang, recessed service for a high-capacity, aesthetic floor box solution
- Stamped-steel box construction
- Removable voltage dividers between compartments enable a single conduit to feed two or more adjacent compartments
- Metallic covers feature durable powder-coat paint to match any decor (black, gray, brown and beige)
- Heavy-duty cord door in the cover latches firmly in the open position to prevent damage to cables
- Optional tile trim enables flush mounting for tile and wood floor applications
- MopTite® covers meet UL scrubwater exclusion requirements for carpet, tile and wood
- Largest cubic-inch capacity of any shallow, recessed 4-gang floor box
- Additional KOs (up to 2") on the bottom of the box enable installation flexibility
- Custom device panels are available — contact technical service about these offerings

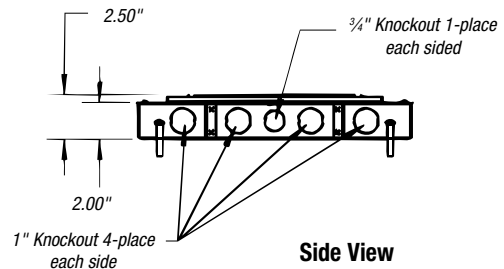


Top View



Top View — Compartment Layout

Note: Shown with Top Plate Removed



Side View

Specifications

- Material: Box — Galvanized Steel; Cover — Die-Cast Zinc
- Listing: UL and CSA Listed



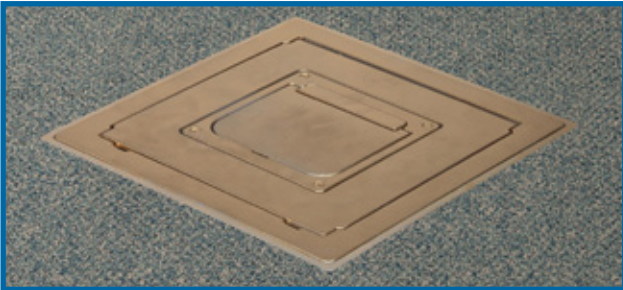
CAT. NO.	DESCRIPTION	STD. CTN.
668-S	Shallow, Concealed Service Floor Box	1

For covers and device plates, see page A-137.

For communications accessories, see page A-140.

Recessed Service Floor Boxes

Covers and Tile Trims for 668-S Floor Box

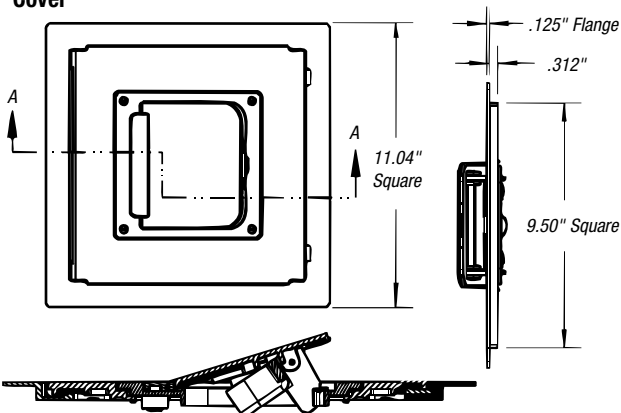


Standard mounting configuration: Flange on cover overlaps carpet, tile or wood floors.

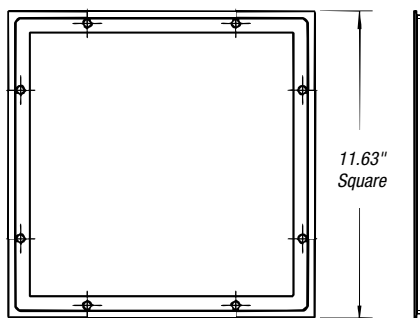


Flush mounting configuration: Optional trim ring allows cover to be mounted flush with tile or wood floors.

Cover



Section A-A



Trim Rings



CAT. NO.	DESCRIPTION	STD. CTN.
668-CST-ALM	668-S Metal Cover — Aluminum Powder Coat	1
668-CST-BRS	668-S Metal Cover — Brass Powder Coat	1
668-CST-BLK	668-S Metal Cover — Black Powder Coat	1
668-CST-BRN	668-S Metal Cover — Brown Powder Coat	1
668-CST-BGE	668-S Metal Cover — Beige Powder Coat	1
668-TRIM-ALM	668-S Trim Ring — Aluminum Powder Coat	4
668-TRIM-BRS	668-S Trim Ring — Brass Powder Coat	4
668-TRIM-BLK	668-S Trim Ring — Black Powder Coat	4
668-TRIM-BRN	668-S Trim Ring — Brown Powder Coat	4
668-TRIM-BGE	668-S Trim Ring — Beige Powder Coat	4

Contact Technical Service for color samples.

Device Plates for 668-S Floor Box



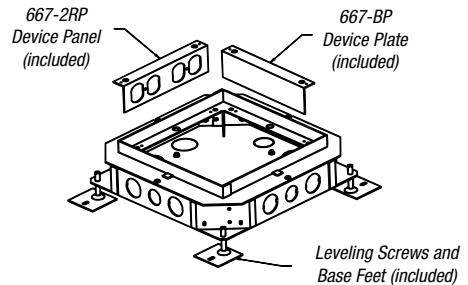
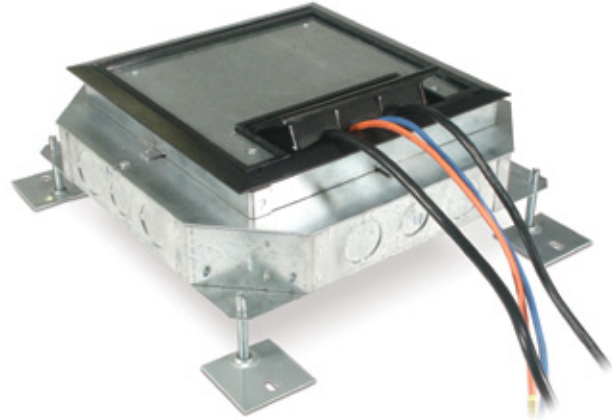
CAT. NO.	DESCRIPTION	STD. CTN.
668-S-1RP	668-S Single-Gang Duplex Plate	1
668-S-1G	668-S Single-Gang GFCI Plate	1
668-S-BP	668-S Blank Plate	1

CAT. NO.	DESCRIPTION	STD. CTN.
668-S-6RJ	668-S Data Plate — 6 Keystone Jacks	1
668-S-6PAN	668-S Data Plate — 6 Panduit® Jacks	1
668-S-6ORT	668-S Data Plate — 6 Ortonics® Jacks	4
668-S-6AVA	668-S Data Plate — 6 Avaya® Jacks	4

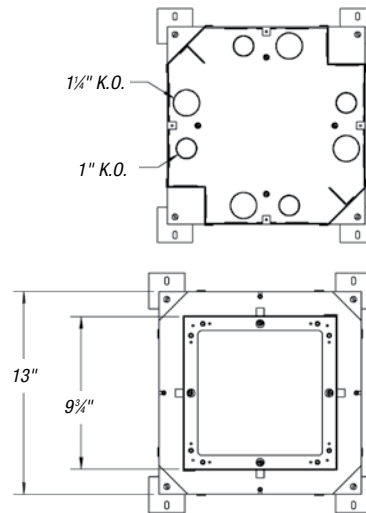
Recessed Service Floor Boxes

667-SC Floor Box

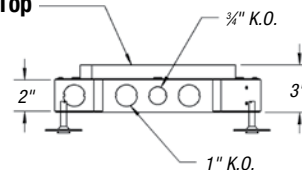
- Largest capacity concealed-service floor box on the market
 - Four “double-gangs” allow for two duplex receptacles per gang, for a total of eight receptacles per box
 - Each gang has 40 cu. in. of capacity
 - Box interior has 128 cu. in. of capacity
- Standard box configuration is for up to eight power and/or low-voltage devices
 - Box design allows for feed-through cabling for power and low-voltage conductors
- Shallow design
 - 3" overall height is ideal for renovations and upper level floor installations
- Full line of low-profile covers
 - Utilizes same quality cover as AFM-8 Access Floor Module
 - High-strength polycarbonate
 - Steel reinforced for added durability
 - Two retractable cable exit ports
 - 64 sq. in. opening provides easy access to device panels
 - ¼" recess for carpet/tile insert
 - Available in gray, black, brown and beige
- Box is manufactured with (1) ¾", (3) 1" and (1) 1¼" KOs per gang
 - This includes a 1" and 1¼" KO located in the bottom
- Full complement of device panels
 - Device panels available with one or two duplex openings, one or two GFI openings, six standard “keystone” with Omni 110 bezels and blanks
- Provided with leveling legs and base feet
 - Base feet can be attached to form preventing box movement during concrete pour
 - Leveling legs provide up to 1½" pre-pour adjustment
- Manufactured from 14-gauge pre-galvanized steel
 - Quality construction provides added durability and rust protection
- MopTite® covers meet UL® scrubwater exclusion requirements for carpet, tile and wood



Floor Box Bottom



Floor Box Top



CAT. NO.	DESCRIPTION	STD. CTN.
667-SC	Four-Gang Recessed Floor Box	1

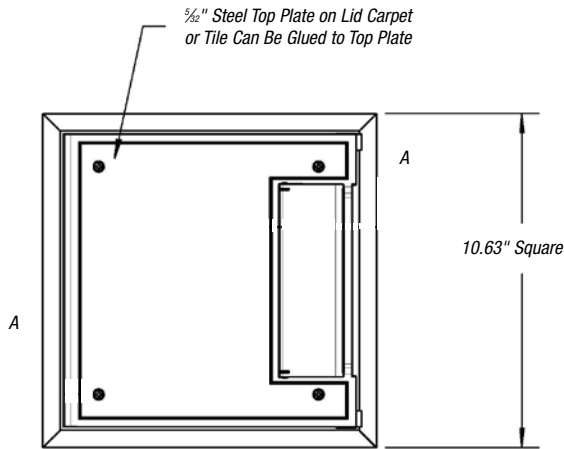
Supplied with (1) 667-2RP for 2 duplex receptacles and (1) 667-BP Blank Plate. For covers and other device plates, see [page A-139](#).

For communications accessories, see [page A-140](#).

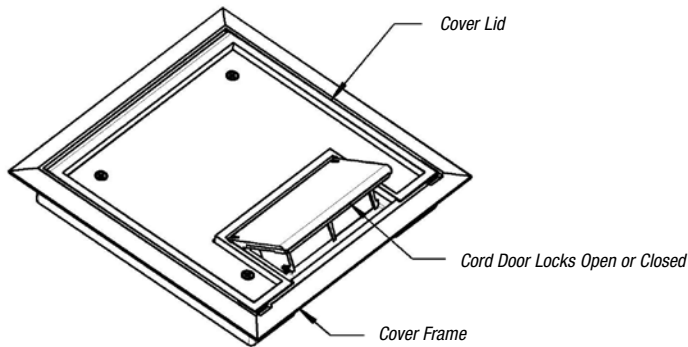
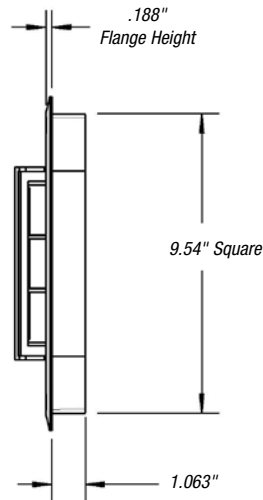


Recessed Service Floor Boxes

Covers and Device Plates for 667-SC



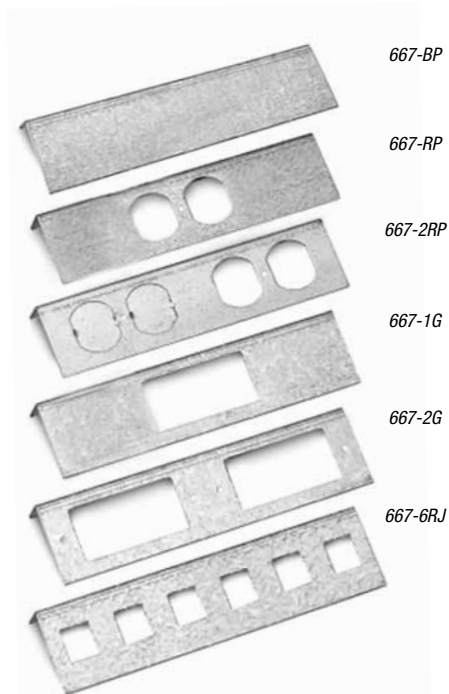
667-CST-SW-XXX



CAT. NO.	DESCRIPTION	STD. CTN.
667-BP*	Blank Device Panel	4
667-RP	Single Duplex Receptacle Plate	4
667-2RP*	Device Panel for 2 Duplex Receptacles with Duplex KOs	4
667-1G	Device Panel for 1 GFCI Receptacle	4
667-2G	Device Panel for 2 GFCI Receptacles	4
667-6RJ**	Device Panel for 6 Keystone Data Jacks	4
667-CST-SW-GRY	Cover and Flange — Gray	4
667-CST-SW-BLK	Cover and Flange — Black	4
667-CST-SW-BRN	Cover and Flange — Brown	4
667-CST-SW-BGE	Cover and Flange — Beige	4

**For data connectors and adapters, see [page A-140](#).

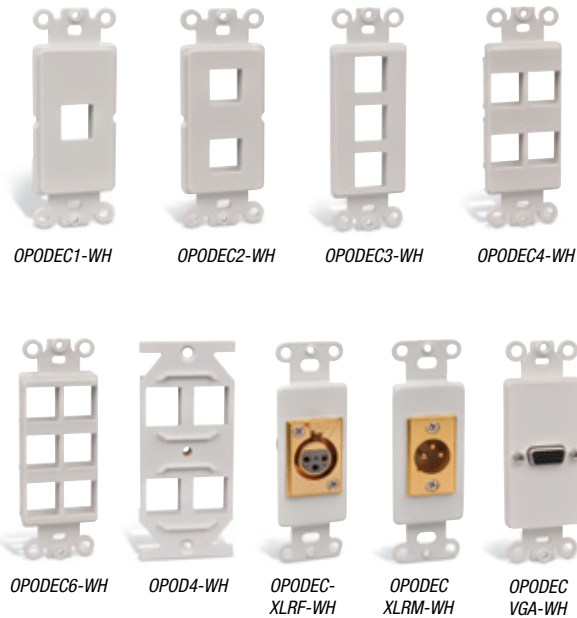
New MopTite® Covers exceed UL® scrubwater exclusion requirements.



Recessed Service Floor Boxes

Communication Accessories

Rectangular/Duplex Adapters



Rectangular/Duplex Adapters for Use with Standard Floor Box Device Plates

CAT. NO.	DESCRIPTION	STD. CTN.
OPODEC1-WH	Rectangular Adapters for GFCI Device Plate, 1-Port, Keystone, White	5
OPODEC2-WH	Rectangular Adapters for GFCI Device Plate, 2-Port, Keystone, White	5
OPODEC3-WH	Rectangular Adapters for GFCI Device Plate, 3-Port, Keystone, White	5
OPODEC4-WH	Rectangular Adapters for GFCI Device Plate, 4-Port, Keystone, White	5
OPODEC6-WH	Rectangular Adapters for GFCI Device Plate, 6-Port, Keystone, White	5
OPOD4-WH	Duplex Adapter, 4-Port, Keystone, White	10
OPODEC-XLRF-WH	Rectangular Adapters, Female XLR Microphone Jack, Solder Leads, White	5
OPODEC-XLRM-WH	Rectangular Adapters, Male XLR Microphone Jack, Solder Leads, White	5
OPODEC-VGA-WH	Rectangular Adapters, VGA Connector, Female-to-Female, White	5

Keystone Inserts



Keystone Inserts for Data, Voice and Audio Visual Applications

CAT. NO.	DESCRIPTION	STD. CTN.
OPJDU5EL-WH	CAT5e Data Jack, Keystone, White	5
OPJU6L-WH	CAT6 Data Jack, Keystone, White	5
OPJV6CL-WH	Phone Jack, 6-Conductor, Keystone, White	5
OPA35-WH*	3.5mm Stereo Connector, Recessed, Keystone, Female-to-Female, White	5
OPARCAW*	RCA Connector — White, Recessed, Keystone, Female-to-Female	5
OPARCAR*	RCA Connector — Red, Recessed, Keystone, Female-to-Female	5
OPARCAY*	RCA Connector — Yellow, Recessed, Keystone, Female-to-Female	5
OPAFR*	F-Connector, Recessed, Keystone, 1 GHz, Female-to-Female, Red	5
OPAS-WH	S-Video Connector, 4-Pin, Recessed, Keystone, Female-to-Female, White	5
OPAHDMI-WH	HDMI Connector, Recessed, Keystone, Female-to-Female, White	5
OPAB-WH	Blank Insert, Keystone, White	25

***Special Installation Note:** When using these AV connectors with OPODEC4-WH & OPODEC6-WH Rectangular Adapters, only a Blank Insert (OPABL-WH) can be used in the same horizontal row. Trim the ears off one side of the Blank Insert and install prior to installing the AV connector in the row.

Recessed Service Floor Boxes

68R Recessed Covers

Plug in power and communication cords, and then close the lid to hide unsightly plugs and receptacles below the floor!

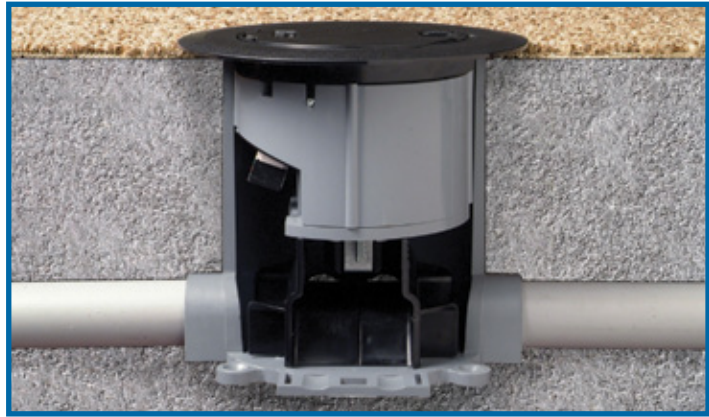
- Unique cover provides aesthetic recessed service with cost-effective box options for concrete, wood sub-floor and raised-floor applications
- Lid can be rotated to expose a small opening for cords, enabling the lid to close flush with the floor while in use
- Cover accepts one duplex or GFCI receptacle — no special device plates required (receptacle purchased separately)
- Cover accepts up to two communications jacks — includes one 2-port keystone data plate and one blank data plate for custom cut-outs or power-only applications (communications jacks purchased separately)
- Non-metallic covers are available in black, gray, beige and brown. Black covers are available with an optional brass or aluminum flange
- Two set screws lock the cover in place — no gluing required



Use a Steel City® Round PVC Floor Box, catalog number 68-P (purchased separately) See page A-150



Use an appropriate Steel City® 3" x 2" Metal Switch Box with mounting ears (purchased separately). See pages A-19-22



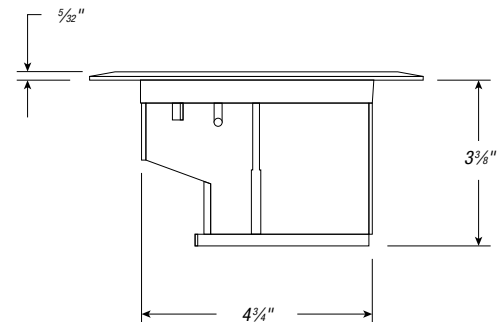
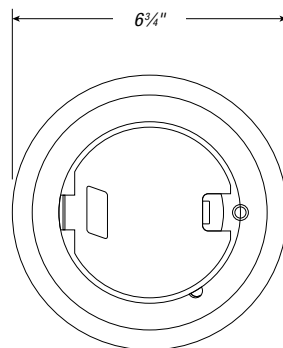
Concrete applications



Wood sub-floor/raised floor applications



Lid closes flush with the floor, even with cords plugged in.

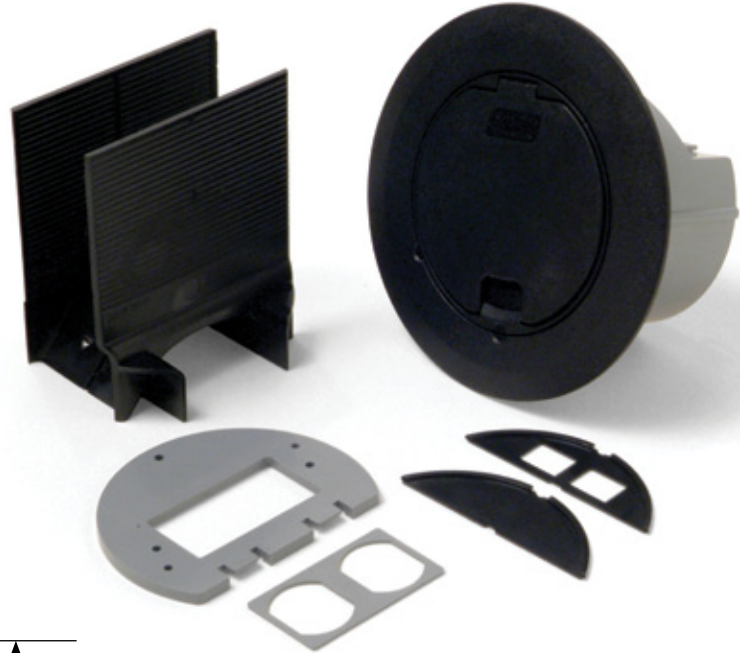


Recessed Service Floor Boxes

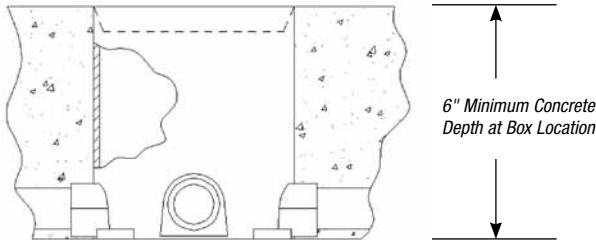
68R Recessed Covers (continued)

Cover kit includes:

- Cover assembly
- Receptacle mounting plate
- Duplex receptacle insert
- 2-port keystone data plate
- Blank data plate
- Voltage divider



Technical Information



Important Application Note:

When using the 68R Recessed Cover with the 68-P floor box for concrete applications, the entire box depth (6") is required. Prior to concrete pour, level the top of the box with the screed line of the concrete.



Power and Communications

CAT. NO.	DESCRIPTION	STD. CTN.
68R-CST-BLK	Non-Metallic Recessed Floor Box Cover Kit, Black	4
68R-CST-GRY	Non-Metallic Recessed Floor Box Cover Kit, Gray	4
68R-CST-BGE	Non-Metallic Recessed Floor Box Cover Kit, Beige	4
68R-CST-BRN	Non-Metallic Recessed Floor Box Cover Kit, Brown	4
68R-CST-BRS	Non-Metallic Recessed Floor Box Cover Kit, Black with Brass Flange	4
68R-CST-ALM	Non-Metallic Recessed Floor Box Cover Kit, Black with Aluminum Flange	4
68-P	Round PVC Floor Box for Concrete Applications	8
CXWOW	3" x 2" Metal Switch Box, 3½" Deep, for Non-Metallic Sheathed Cable, Wood Subfloors	25
CY 1/2	3" x 2" Metal Switch Box, 3½" Deep, ½" KOs	25

Flush Service Floor Boxes

Innovative 3-Gang Round Floor Box for Power, Data and AV.

Round Floor Boxes for Power and Communications: 68-HP Series

NEW!

Unmatched Flexibility to configure any combination of power and communications devices

- Accepts standard devices from any manufacturer, including duplex, GFCI, locking, hospital grade or isolated ground receptacles
- Accommodates a wide variety of multi-media devices through the use of rectangular adapters

Combines the Capacity of a 3-gang box with the Affordability of a round non-metallic floor box

- 6" diameter round non-metallic floor box — the largest in the industry
- Large inline hubs for power and data wiring: 1" for power, 1½" for data



No leveling, gluing or aligning for an Easy Installation

- No wasted time leveling the box before the concrete is poured — simply cut the box at the appropriate height after the pour
- No gluing — stainless steel retention bars secure the mounting frame to the box
- Round design — no need to align the box with walls during installation



Stainless Steel Barbs

Easy-to-Use Covers Made of Durable solid brass and aluminum

- Stands up to heavy carts, cleaning equipment, and general floor traffic
- Convenient slide latch provides tool-less access to devices
- Lid lies flat while in use to minimize obstructions above floor level



Lid Lies Flat Against the Floor While In Use

Furniture-Feed and Cast Iron options for a Comprehensive floor box solution

- Dual-voltage furniture-feed covers transition power and communications wiring from the floor into modular furniture
- Cast iron box with a non-metallic collar for slab-on-grade or metallic conduit applications



1" Hub for Power, 1½" Hub for Data



Slide Latch for Tool-less Access

Flush Service Floor Boxes

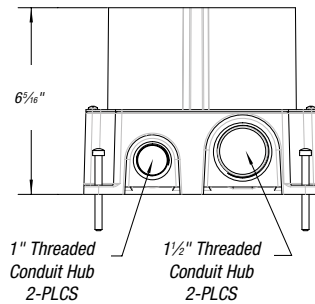
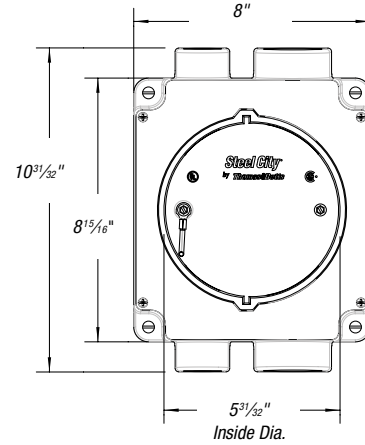
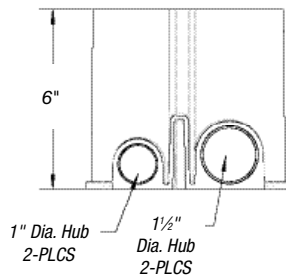
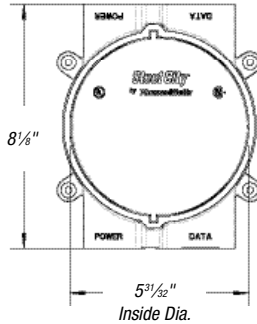
68-HP Floor Boxes (continued)



68-HP
6" Round Non-Metallic
Floor Box



68-HP-CI
Cast Iron Floor Box with 6" Round
Non-Metallic Collar

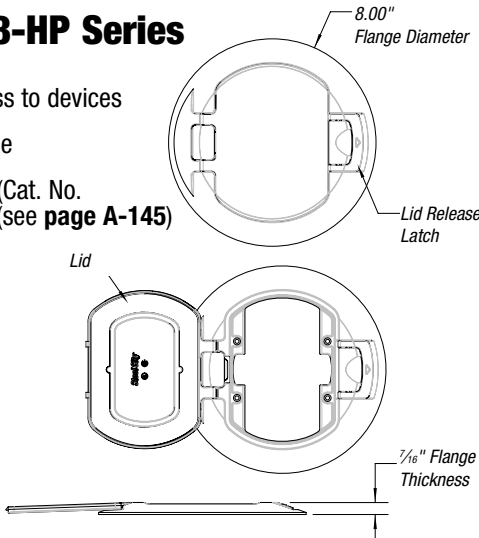


MINIMUM CONCRETE DEPTH

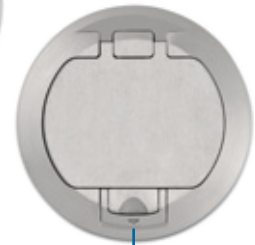
CAT. NO.	DESCRIPTION	MINIMUM CONCRETE DEPTH		
		FLUSH	FURNITURE FEED	STANDARD PACK QTY.
68-HP	6" Round Non-Metallic Floor Box	4"	3 1/2"	4
68-HP-CI	Cast Iron Floor Box with 6" Round Non-Metallic Collar	4 1/2"	4"	1

Flush Covers for 68-HP Series

- Slide latch for tool-less access to devices
- Lid lies flat when box is in use
- Requires Flush Mounting Kit (Cat. No. 68-HP-FMK) to mount cover (see page A-145)



68-HP-FC-ALM
Solid brass cover
with brushed finish



Pull slide latch to release lid

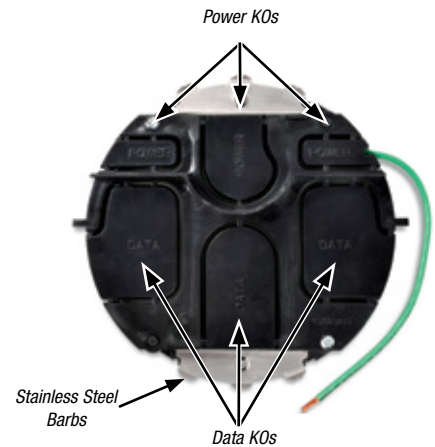


CAT. NO.	DESCRIPTION	STD. PACK QTY.
68-HP-FC-ALM	Flush Cover — Solid Aluminum with Brushed Finish, 1,000 lb. Load Rating	4
68-HP-FC-BRS	Flush Cover — Solid Brass with Brushed Finish, 1,500 lb. Load Rating	4
68-HP-FC-BLK	Flush Cover — Solid Aluminum with Black Powder-Coated Finish, 1,000 lb. Load Rating	4

Flush Service Floor Boxes

Flush Mounting Kit and Accessories for 68-HP Series

- Flush Mounting Kit required in order to mount devices and covers to the 68-HP Series floor box
- Stainless steel barbs — no gluing required
- Includes (3) compartments for standard devices
- Voltage dividers allow any combination of power and communications devices
- Each compartment includes (1) knockout for power and (1) knockout for data for access to either power or communications wiring



Boxes & Covers — Steel City® Floor Boxes

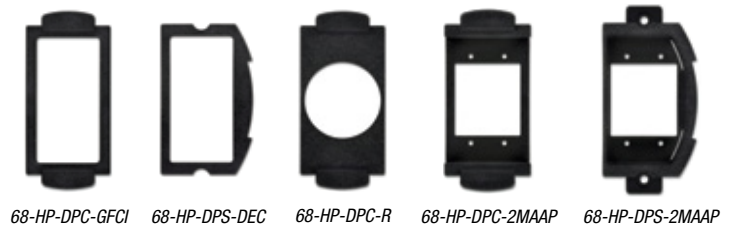
Kit Includes:

- Mounting Frame
- Voltage Divider
- (3) Device Plates
 - (1) Center Plate: GFCI/Rectangular
 - (2) Side Plates: Rectangular
- (3) Duplex Inserts

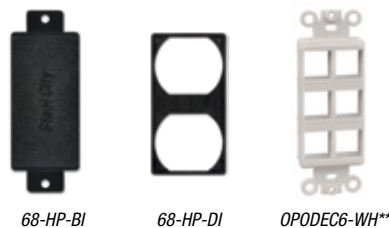
68-HP-FMK
Flush Mounting Kit

Optional Accessories

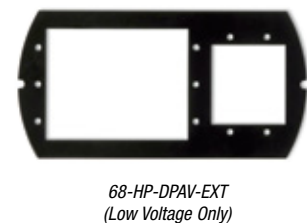
Device Plates



Regular Inserts



Extron® AV Plate



CAT. NO.	DESCRIPTION	STD. PACK QTY.
68-HP-FMK	Mounting Kit for Flush Covers	4
68-HP-DPC-GFCI	Center Device Plate — GFCI/Rectangular Receptacle	10
68-HP-DPS-DEC	Side Device Plate — Rectangular Receptacle	10
68-HP-DPC-R	Center Device Plate — Single Round Receptacle, 1½" Opening	10
68-HP-DPC-2MAAP	Center Device Plate — 2 Extron® MAAP Plates*	10
68-HP-DPS-2MAAP	Side Device Plate — 2 Extron® MAAP Plates*	10
68-HP-BI	Rectangular Insert — Blank (for unused compartments)	10
68-HP-DI	Rectangular Insert — Duplex Receptacle	10
OPODEC6-WH	Rectangular Adapter for GFCI/Rectangular Device Plate — 6-Port Data, Keystone, White**	5
68-HP-DPAV-EXT	Extron® AV Plate — 3 AAP Plates, 2 MAAP Plates*	1

* Extron® MAAP Plates purchased from an authorized Extron® distributor. Extron® is a registered trademark of RGB Systems, Incorporated.

** Additional rectangular adapters available for low voltage applications — see Communications Accessories on page A-140.

Flush Service Floor Boxes

Furniture Feed Covers and Mounting Kit for 68-HP Series

- Dual-voltage covers for feeding power and communications wiring to modular furniture
- Furniture Feed Mounting Kit required to mount covers to 68-HP Series floor box



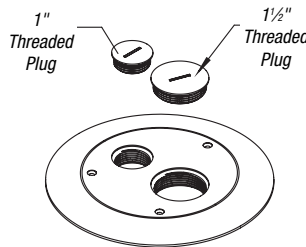
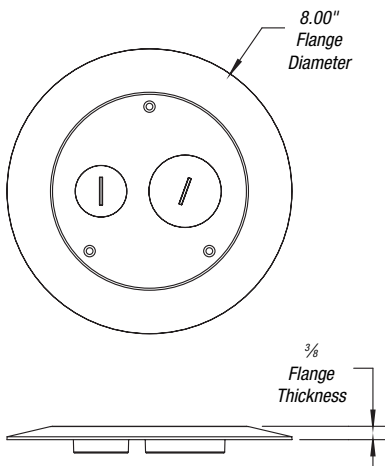
68-HP-FFC-ALM
Solid aluminum cover
with brushed finish



68-HP-FFC-BRS
Aluminum cover
with brushed finish



68-HP-FFC-BLK
Aluminum cover
with powder-coated black finish



68-HP-FFMK
Furniture Feed Mounting Kit



CAT. NO.	DESCRIPTION	STANDARD PACK QTY.
68-HP-FFC-ALM	Furniture Feed Cover — Solid Aluminum with Brushed Finish	4
68-HP-FFC-BRS	Furniture Feed Cover — Solid Brass with Brushed Finish	4
68-HP-FFC-BLK	Furniture Feed Cover — Solid Aluminum with Black Powder-Coated Finish	4
68-HP-FFMK	Mounting Kit for Furniture Feed Covers	4

Flush Service Floor Boxes

Round Floor Boxes for Power or Communications: 68 and 600 Series

68 and 600 Series Floor Boxes provide flush service for power or communications/data.
68 and 600 Series Floor Boxes can be used for carpet or tile applications.



Features — 68 Series

- **Stamped steel**, concrete-tight, fully adjustable
- Electro-galvanized body and hardware
- Interior and exterior leveling screws permit adjustment to meet finished floor
- Shipped complete with expendable cap to prevent ingress of concrete during pour ½", ¾" and 1" knockouts — all bottom knockouts are accessible
- Uses P60 Series MopTite® covers and carpet plate
- For brushed aluminum, add AL after catalog number

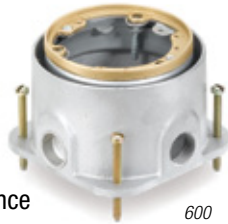


68-D

CAT. NO.	DESCRIPTION	STD. CTN.
68-D	Stamped-Steel Floor Box, Deep	4
68-D-AL	Stamped-Steel with Aluminum Trim Ring, Deep	4
68-S	Stamped-Steel Floor Box, Shallow	4
68-S-AL	Stamped-Steel with Aluminum Trim Ring, Shallow	4

Features — 600 Series

- **Cast iron**, watertight body, fully adjustable
- Painted silver enamel inside and out for additional corrosion resistance
- Interior and exterior leveling screws permit adjustment to meet finished floor
- Shipped complete with expendable cap to prevent ingress of concrete during pour
- ¾" threaded conduit openings are standard
- Uses P60 Series MopTite® covers and carpet plate
- For brushed aluminum, add AL after catalog number



600



CAT. NO.	DESCRIPTION	STD. CTN.
600-SC	Cast-Iron Floor Box ¾" Conduit Tapping	4
600-AL-SC	Cast-Iron Floor Box ¾" Conduit Tapping with Aluminum Trim Ring	4
600-1-SC	Cast-Iron Floor Box 1" Conduit Tapping	4
600-2-SC	Cast-Iron Floor Box 2" Conduit Tapping	4
601-1/2-SC	Cast-Iron Floor Box ½" Conduit Tapping	4
601-AL-SC	Cast-Iron Floor Box ¾" Conduit Tapping with Aluminum Trim Ring	4
601-SC	Cast-Iron Floor Box ¾" Conduit Tapping	4
601-1	Cast-Iron Floor Box 1" Conduit Tapping	4
601-1-1/4	Cast-Iron Floor Box 1¼" Conduit Tapping	4
602-SC	Cast-Iron Floor Box ¾" Conduit Tapping	4
602-AL-SC	Cast-Iron Floor Box ¾" Conduit Tapping with Aluminum Trim Ring	4
602-1	Cast-Iron Floor Box 1" Conduit Tapping	4
603-SC	Cast-Iron Floor Box ¾" Conduit Tapping	4
603-AL-SC	Cast-Iron Floor Box ¾" Conduit Tapping with Aluminum Trim Ring	4
604-SC	Cast-Iron Floor Box ¾" Conduit Tapping	4
604-AL-SC	Cast-Iron Floor Box ¾" Conduit Tapping with Aluminum Trim Ring	4

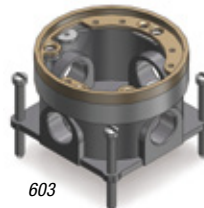
P-60 Covers sold separately.



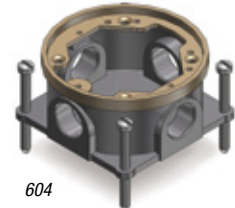
601



602



603



604

Flush Service Floor Boxes

Engineering Data — 68 and 600 Series



CAT. NO.	DIMENSIONS (IN.)			BEFORE POUR ADJ. (IN.)	AFTER POUR ADJ. (IN.)	MAXIMUM CAPACITY KOS (CU. IN.)	CONDUIT HUBS	CONDUIT KOS (IN.)	
	A	B	C					SIDES	BOTTOM
68-D	4¼	3¾	4½	2½	½	60	—	(4) ¾	(2) ½
								(4) 1	(2) ¾
68-S	4¼	2¾	4½	1½	½	47	—	(4) ¾	(2) ¾
600-SC	4¼	4¼	5⅝	2½	1⅝	64	¾	—	—
600-1-SC	4¼	4¼	5⅝	2½	1⅝	64	1	—	—
600-11/4	4¼	4¼	5⅝	2½	1⅝	64	1¼	—	—
600-2-SC	4¼	4¼	5⅝	2½	1⅝	64	2	—	—
601-SC	4¼	3⅞	5⅝	2½	1⅝	56	¾	—	—
601-1	4¼	3⅞	5⅝	2½	1⅝	56	1	—	—
601-11/4	4¼	3⅞	5⅝	2½	1⅝	56	1¼	—	—
602-SC	4¼	3½	4	2½	1⅝	36	¾	—	—
602-1	4¼	3½	4	2½	1⅝	36	¾	—	—
603-SC	4¼	2½	4	2½	1⅝	27	¾	—	—
604-SC	4¼	2	4	1½	—	15	¾	—	—

Use P60 Series covers and carpet plates.

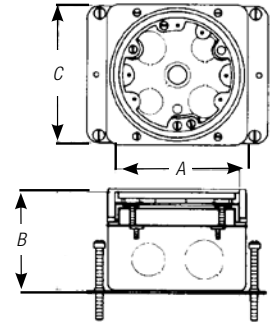
Wiring Device: Duplex, single or voice/data plates.



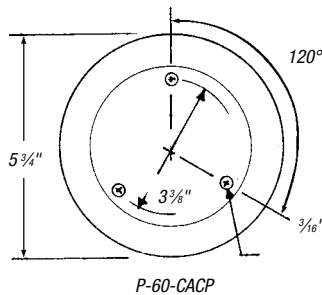
600-SC



68-D



MopTite® Carpet Plates for 68 and 600 Series



P-60-CACP



CAT. NO.	DESCRIPTION	STD. CTN.
P-60-CP	Brass Carpet Plate, 5½" Diameter	4
P-60-CPAL	Aluminum Carpet Plate	4
P-60-LCP	Polycarbonate Carpet Plate, 5½" Diameter	4
P-60-CACP	Brass One-Piece Carpet Cover Plate	4
P-60-CACP-AL	Aluminum One-Piece Carpet	4
P-60-3/4-2-CACP	Brass One-Piece Carpet Plate with ¾"-2" Plugs	4
P60-3/4-2-CACP-AL	Aluminum One-Piece Carpet Plate with ¾"-2" Plugs	4
P60-CACP-GFCI	Brass One-Piece Carpet Plate for GFCI Devices	4
P60-CACP-GFCI-AL	Aluminum One-Piece Carpet Plate for GFCI Devices	4

New MopTite® Covers exceed UL® scrubwater exclusion requirements.



P-60-3/4-2-CACP

- Polished brass finish
- Integrated carpet plate and ¾"-2" floor plate in one unit
- Furnished complete with sealing gasket and 8-32 x 1" brass screws
- 5¼" outside diameter



P-60-CP

- Polished brass finish
- Furnished complete with 8-32 x 1" brass screws
- For brushed aluminum, add AL after catalog number



P-60-LCP

- Translucent polycarbonate
- Textured finish



P-60-CACP

- Polished-brass finish
- Integrated carpet plate and duplex floor plate in one unit



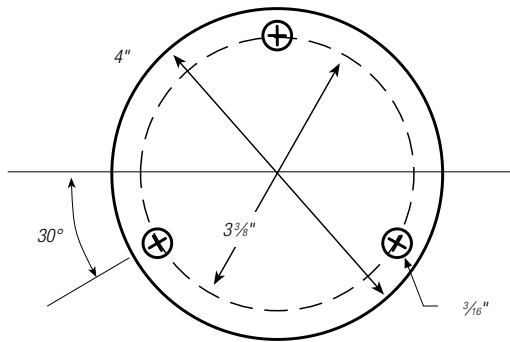
P-60-CACP-GFCI

- Furnished complete with sealing gasket and 8-32 x 1" brass screws
- 5¼" outside diameter

Flush Service Floor Boxes

MopTite® Cover Plates for 68 and 600 Series

- Polished finish
- Furnished complete with sealing gasket and 8-32 x 7/16" brass screws
- 4" outside diameter
- For brushed aluminum, add AL after catalog number



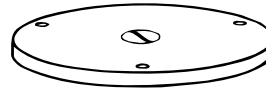
* Also includes steel seating plate for receptacles.



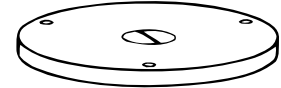
CAT. NO.	DESCRIPTION	STD. CTN.
P-60-1/2	Brass Cover Plate 1/2" NPS Plug Size	4
P-60-1/2-AL	Aluminum Cover Plate 1/2" NPS Plug Size	4
P-60-3/4	Brass Cover Plate 3/4" NPS Plug Size	4
P-60-3/4-AL	Aluminum Cover Plate 3/4" NPS Plug Size	4
P-60-1	Brass Cover Plate 1" NPS Plug Size	4
P-60-1-AL	Aluminum Cover Plate 1" NPS Plug Size	4
P-60-1-1/4	Brass Cover Plate 1 1/4" NPS Plug Size	4
P-60-1-1/4-AL	Aluminum Cover Plate 1 1/4" NPS Plug Size	4
P-60-2	Brass Cover Plate 2" Diameter Plug Size	4
P-60-2-AL	Aluminum Cover Plate 2" Diameter Plug Size	4
P-60-2-5/8	Brass Cover Plate 2 5/8" Diameter Plug Size	4
P-60-2-5/8-AL	Aluminum Cover Plate 2 5/8" Diameter Plug Size	4
P-60-1/2-2	Brass Cover Plate 1/2"-2" Diameter Plug Size	4
P-60-1/2-2-AL	Aluminum Cover Plate 1/2"-2" Diameter Plug Size	4
P-60-3/4-2	Brass Cover Plate 3/4"-2" Diameter Plug Size	4
P-60-3/4-2-AL	Aluminum Cover Plate 3/4"-2" Diameter Plug Size	4
P-60-DR	Brass Cover with Duplex Lift Lid	4
P-60-DR-AL	Aluminum Cover with Duplex Lift Lid	4
P-60-DS	Brass Cover for Duplex with Individual Lift Lids	4
P-60-DS-AL	Aluminum Cover for Duplex with Individual Lift Lids	4
P-60-DU	Brass Cover Plate with Two 1 1/16" Plugs for Duplex	4
P-60-DU-AL	Aluminum cover with Two 1 1/16" Plugs for Duplex	4
P-60-GFCI	Brass Cover Plate for GFCI Devices	4
P-60-GFCI-AL	Aluminum Cover Plate for GFCI Devices	4

68P-FL or 68P-FL-AL required to attach cover plates to 68-P floor box.

New MopTite® Covers exceed UL® watertight requirements for 514A, 514C.



P-60-1/2
1/2" N.P.S. Plug Size



P-60-3/4
3/4" N.P.S. Plug Size



P-60-1
1" N.P.S. Plug Size



P-60-1-1/4
1 1/4" N.P.S. Plug Size



P-60-2*
2" dia. Plug Size



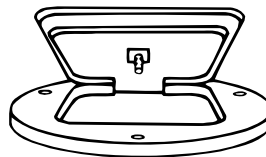
P-60-2-5/8*
2 5/8" dia. Plug Size



P-60-1/2-2*
1/2" & 2" dia. Plug Size



P-60-3/4-2*
3/4" & 2" dia. Plug Size



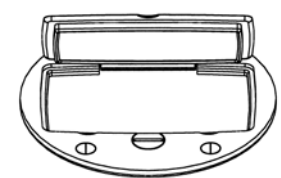
P-60-DR*
Duplex Lift Lid



P-60-DU*
Duplex 1 1/16" Plugs



P-60-DS*
Hinged Lift Lids



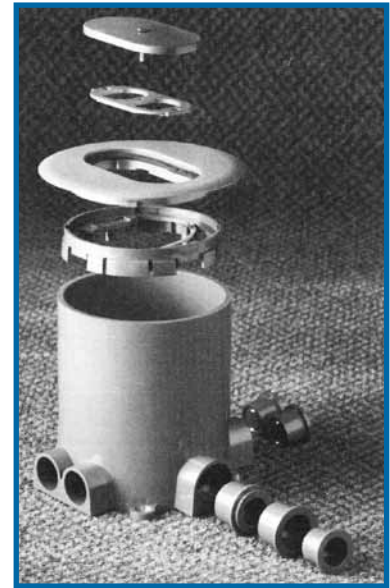
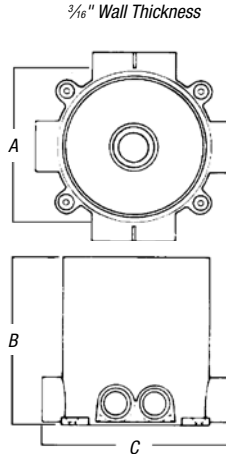
P-60-GFCI*

Flush Service Floor Boxes

68-P Round Non-Metallic Floor Box

The 68-P floor box provides flush service for power or communications and data. The non-metallic floor box is used in concrete floors and is suitable for carpet, tile or wood applications.

- High-strength rigid PVC construction, non-corrosive
- Easy installation with no leveling required — just cut the box level with the concrete after the pour
- Compatible with standard-schedule PVC conduit (1", 3/4" and 1/2", reducers included)
- Pre-packaged with concrete cap and six hub plugs



CAT. NO.	DIMENSIONS (IN.)			AFTER POUR ADJ.	MAXIMUM CAPACITY (CU. IN.)	STANDARD CONDUIT TAPPING	COVERS AND CARPET PLATES	WIRING DEVICE	STD. CTN.
	A	B	C						
68-P	5 7/8	6	6 3/8	None	100	(4) 3/4" (2) 1"	P60 P68 series	Single duplex or data/voice	8

Minimum pour 3 inches.

Cubic in. capacity is 17 cubic inches per inch of box height.

Note: Must use 68-PAR to attach cover plates to 68-P floor box.



68-P

Adjusting Ring for 68-P Floor Box

- Non-metallic adjusting ring includes pigtail and clips



CAT. NO.	DESCRIPTION	STD. CTN.
68-PAR	Non-Metallic Adjusting Ring	8

Required to mount P60 and P68 Series covers to 68P floor box (not needed for dual-voltage kits).



68-PAR

Metallic Tile Trims for 68-P Floor Box

- Tile trim rings are available in brass or aluminum for flush installation of metallic plates in linoleum, wood or carpeted floors. Must be used to mount P60 series plates. (Not required for P-68 covers, P60-CACP or P60-3/4-2-CACP)



CAT. NO.	DESCRIPTION	STD. CTN.
68P-FL	Tile Trim Ring, Brass	4
68P-FL-AL	Tile Trim Ring, Aluminum	4

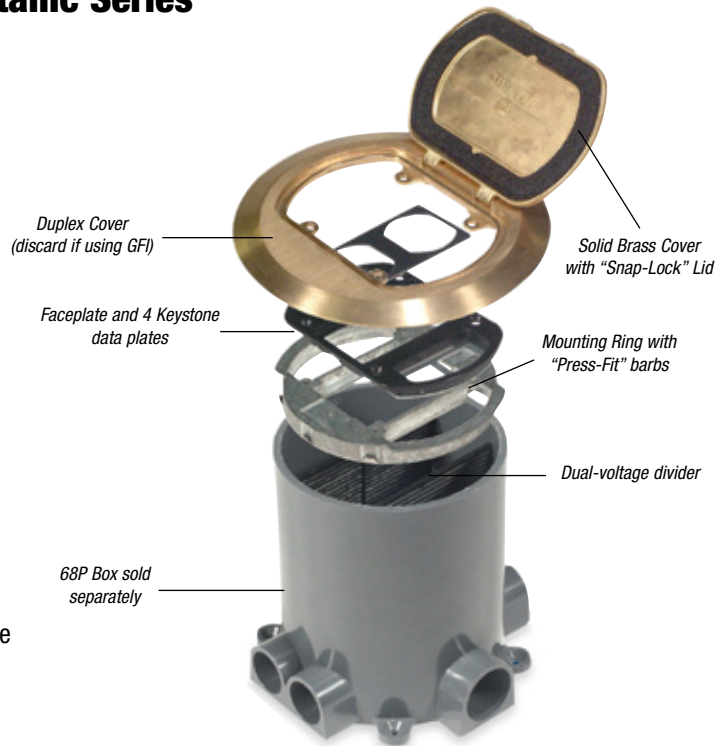
Required to attach P60 Series cover plates to 68-P floor box.



68P-FL/68P-FL-AL

Flush Service Floor Boxes

Dual-Voltage Kits for 68-P Non-Metallic Series



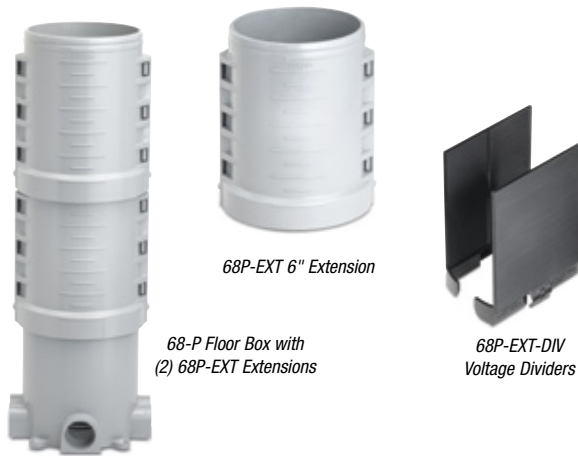
- Voltage divider has easy-cut score lines to accommodate concrete depths of 3 to 6 inches
- Faceplate has removable data plates and can accommodate GFCI or standard duplex receptacles
- Kit comes equipped with 4 standard keystone-size openings in the data plates. Other styles available include openings sized for Ortronics, Avaya, Panduit and Hubbell
- MopTite® cover uses a "snap-lock" to close the lid. No screws to turn...just push down the lid and it snaps in place. The cover uses a factory-installed gasket and exceeds all UL scrubwater exclusion requirements for carpet, wood and tile floors
- MopTite® cover available in solid brass or aluminum
- Includes everything required for a standard installation (68P floor box, data jacks and receptacles not included)



CAT. NO.	DESCRIPTION	STD. CTN.
68P-DV-KIT-BRS	Dual-Voltage Divider Kit with MopTite® Brass Cover	1
68P-DV-KIT-AL	Dual-Voltage Divider Kit with MopTite Aluminum Cover	1
68P-DV-DP-ORT	Ortronics Data Plate to Accommodate 2 Jacks	10
68P-DV-DP-AVA	Avaya Data Plate to Accommodate 4 Jacks	10
68P-DV-DP-PAN	PANDUIT Data Plate to Accommodate 2 Jacks	10
68P-DV-DP	Standard Data Plate to Accommodate 4 Keystone Jacks	10
68P-EXT	6" Extension for 68P Floor Box *	4
68P-EXT-DIV	Voltage Dividers for 68P-EXT *	4

*Keystone data plates come standard with the kit. Other style data plates are available from T&B and can be ordered separately.

6-Inch Extension for 68-P Floor Box



CAT. NO.	DESCRIPTION	STD. CTN.
68P-EXT	6" Extension for 68-P Floor Box *	4
68P-EXT-DIV	Voltage Dividers for 68P-EXT *	4
68-P	Round PVC Floor Box for Concrete Applications	8

* For use with Steel City® round PVC floor box only, catalog number 68-P.

Flush Service Floor Boxes

MopTite® Metallic Carpet Plates for 68-P Series

- Polished brass finish
- Furnished complete with 8-32 x 1" brass screws
- For brushed aluminum, add AL after catalog number



P60-CACP
One-piece solid-brass duplex plate with screw-lock lids. 5 3/4" O.D. Mounting holes on a 3 3/4" dia.



P60-3/4-2-CACP
One-piece solid-brass communications carpet plate. 5 3/4" O.D. Mounting holes on a 3 3/4" dia.



P60-CACP-GFCI



P60-CP



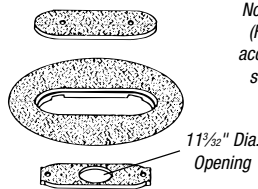
CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P60-CACP	One-Piece Duplex Cover and Carpet Flange Brass	—	4
P60-CACP-AL	One-Piece Duplex Cover and Carpet Flange Aluminum	—	4
P60-3/4-2-CACP	One-Piece Cover & Carpet Flange with 3/4" and 2" Plugs	Brass	4
P60-3/4-2-CACP-AL	One-Piece Cover & Carpet Flange with 3/4" and 2" Plugs	Aluminum	4
P60-CACP-GFCI*	One-Piece GFCI Cover and Carpet Flange	Brass	4
P60-CACP-GFCI-AL*	One-Piece GFCI Cover and Carpet Flange	Aluminum	4
P60-CP*	Carpet Flange	Brass	4
P60-CP-AL*	Carpet Flange	Aluminum	4

*Requires 68P-FL or 68P-FL-AL to attach covers to 68-P Floor Box.

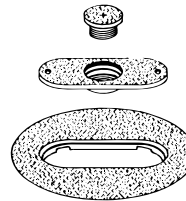
New MopTite® Covers exceed UL watertight requirements for 514A, 514C.

MopTite® Non-Metallic Carpet Plates for 68-P Series

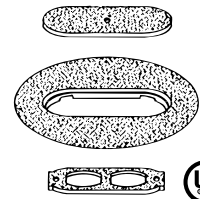
Non-metallic, single receptacle plate (SRC) with matching carpet plate and cover. 6" O.D.



Non-metallic floor service cover (FSC) with 1" NPS screw plug accommodates most above-floor service fittings with matching carpet plate. 6" O.D.



Non-metallic, duplex/voice data receptacle plates (DRC) with matching carpet plate and cover. 6" O.D.



CAT. NO.	COLOR	DESCRIPTION	STD. CTN.
P-68-SRC-GRY	Gray	Non-Metallic Carpet Plate and Cover for Single Receptacle	4
P-68-SRC-BRN	Brown	Non-Metallic Carpet Plate and Cover for Single Receptacle	4
P-68-SRC-BGE	Beige	Non-Metallic Carpet Plate and Cover for Single Receptacle	4
P-68-SRC-BLK	Black	Non-Metallic Carpet Plate and Cover for Single Receptacle	4
P-68-FSC-GRY	Gray	Non-Metallic Carpet Plate and Cover with 1" NPS Screw Plug	4
P-68-FSC-BRN	Brown	Non-Metallic Carpet Plate and Cover with 1" NPS Screw Plug	4

New MopTite® Covers exceed UL watertight requirements for 514A, 514C.

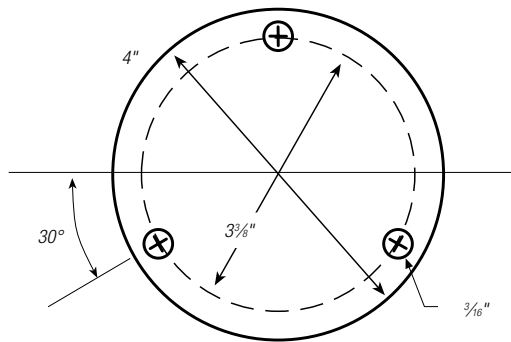
CAT. NO.	COLOR	DESCRIPTION	STD. CTN.
P-68-FSC-BGE	Beige	Non-Metallic Carpet Plate and Cover with 1" NPS Screw Plug	4
P-68-FSC-BLK	Black	Non-Metallic Carpet Plate and Cover with 1" NPS Screw Plug	4
P-68-DRC-GRY	Gray	Non-Metallic Carpet Plate and Cover for Duplex Receptacle	4
P-68-DRC-BRN	Brown	Non-Metallic Carpet Plate and Cover for Duplex Receptacle	4
P-68-DRC-BGE	Beige	Non-Metallic Carpet Plate and Cover for Duplex Receptacle	4
P-68-DRC-BLK	Black	Non-Metallic Carpet Plate and Cover for Duplex Receptacle	4

New MopTite® Covers exceed UL watertight requirements for 514A, 514C.

Flush Service Floor Boxes

MopTite® Metallic Cover Plates for 68-P Series

- Polished finish
- Furnished complete with sealing gasket and 8-32 x 7/16" brass screws
- 4" outside diameter
- For brushed aluminum, add AL after catalog number



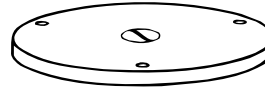
* Also includes steel seating plate for receptacles.



CAT. NO.	DESCRIPTION	STD. CTN.
P-60-1/2	Brass Cover Plate 1/2" NPS Plug Size	4
P-60-1/2-AL	Aluminum Cover Plate 1/2" NPS Plug Size	4
P-60-3/4	Brass Cover Plate 3/4" NPS Plug Size	4
P-60-3/4-AL	Aluminum Cover Plate 3/4" NPS Plug Size	4
P-60-1	Brass Cover Plate 1" NPS Plug Size	4
P-60-1-AL	Aluminum Cover Plate 1" NPS Plug Size	4
P-60-1-1/4	Brass Cover Plate 1 1/4" NPS Plug Size	4
P-60-1-1/4-AL	Aluminum Cover Plate 1 1/4" NPS Plug Size	4
P-60-2	Brass Cover Plate 2" Diameter Plug Size	4
P-60-2-AL	Aluminum Cover Plate 2" Diameter Plug Size	4
P-60-2-5/8	Brass Cover Plate 2 5/8" Diameter Plug Size	4
P-60-2-5/8-AL	Aluminum Cover Plate 2 5/8" Diameter Plug Size	4
P-60-1/2-2	Brass Cover Plate 1/2"-2" Diameter Plug Size	4
P-60-1/2-2-AL	Aluminum Cover Plate 1/2"-2" Diameter Plug Size	4
P-60-3/4-2	Brass Cover Plate 3/4"-2" Diameter Plug Size	4
P-60-3/4-2-AL	Aluminum Cover Plate 3/4"-2" Diameter Plug Size	4
P-60-DR	Brass Cover with Duplex Lift Lid	4
P-60-DR-AL	Aluminum Cover with Duplex Lift Lid	4
P-60-DS	Brass Cover for Duplex with Individual Lift Lids	4
P-60-DS-AL	Aluminum Cover for Duplex with Individual Lift Lids	4
P-60-DU	Brass Cover Plate with Two 1 1/16" Plugs for Duplex	4
P-60-DU-AL	Aluminum cover with Two 1 1/16" Plugs for Duplex	4
P-60-GFCI	Brass Cover Plate for GFCI Devices	4
P-60-GFCI-AL	Aluminum Cover Plate for GFCI Devices	4

68P-FL or 68P-FL-AL required to attach cover plates to 68-P floor box.

New MopTite® Covers exceed UL watertight requirements for 514A, 514C.



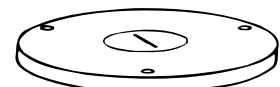
P-60-1/2
1/2" N.P.S. Plug Size



P-60-3/4
3/4" N.P.S. Plug Size



P-60-1
1" N.P.S. Plug Size



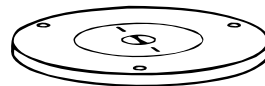
P-60-1-1/4
1 1/4" N.P.S. Plug Size



P-60-2*
2" dia. Plug Size



P-60-2-5/8*
2 5/8" dia. Plug Size



P-60-1/2-2*
1/2" & 2" dia. Plug Size



P-60-3/4-2*
3/4" & 2" dia. Plug Size



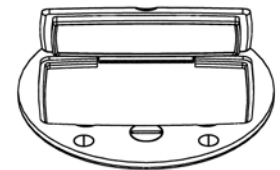
P-60-DR*
Duplex Lift Lid



P-60-DS*
Hinged Lift Lids



P-60-DU*
Duplex 1 1/16" Plugs



P-60-GFCI*

Flush Service Floor Boxes

Floor Boxes for Single Short-Strap Receptacles or Communications

Service Fitting Application

78 and 88 Series Floor Boxes provide flush service for power or communications and data. They can be used for either carpet or tile applications.

78 Series



78SC

- **Cast iron**, watertight body, semi-adjustable
- Painted silver enamel inside and out for additional corrosion resistance
- Exterior leveling screws and threaded vertical adjusting ring permit adjustment to meet finish floor
- Shipped complete with expandable cap to prevent ingress of concrete during pour
- 3/4" threaded conduit openings
- Uses P90 Series MopTite® covers

88 Series

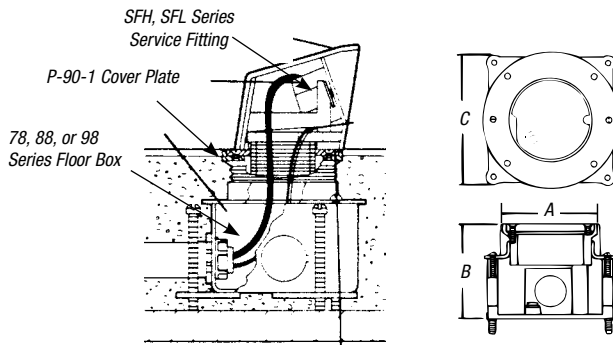


88-D

- **Stamped steel**, concrete-tight, semi-adjustable
- Electro-galvanized body and hardware
- Exterior leveling screws and threaded vertical adjusting ring permit adjustment to meet finish floor
- Shipped complete with expandable cap to prevent ingress of concrete during pour
- 1/2" and 3/4" knockouts — all bottom knockouts accessible
- Uses P90 Series MopTite® covers



CAT. NO.	DESCRIPTION	STD. CTN.
78SC	Cast-Iron Single-Gang Floor Box with 3/4" Conduit Tapping	4
78-S	Cast-Iron Single-Gang Floor Box (shallow)	4
88-D	Stamped-Steel Single-Gang Floor Box with 1/2" and 3/4" Conduit Tapping	4
88-S	Shallow Version Stamped Steel	4



Engineering Data

CAT. NO.	DIMENSIONS (IN.)			BEFORE POUR ADJ. (IN.)	AFTER POUR ADJ. (IN.)	MAXIMUM CAPACITY CU. IN.	STANDARD CONDUIT TAPPING (IN.)
	A	B	C				
78SC	3	2 ¹³ / ₁₆	3 ¹ / ₈	2 ¹ / ₂	3/4	24	3/4
78-S	3	2 ⁷ / ₈	3 ¹ / ₈	1 ¹ / ₂	3/4	20	3/4
88-D	3	3 ¹ / ₄	5 ¹ / ₄	2 ¹ / ₂	3/4	29	—
88-S	3	2 ³ / ₄	5 ¹ / ₄	1 ¹ / ₂	3/4	23	—



Flush Service Floor Boxes



Engineering Data (continued)

CAT. NO.	MAXIMUM CONDUIT TAPPING (IN.)		CONDUIT KOS (IN.)		COVERS AND CARPET PLATES	WIRING DEVICE
	W/BUSHING	W/O BUSHING	SIDES	BOTTOM		
78SC	3/4	1	—	—	P90 series	Sing. short, Strap rec.
78-S	3/4	1	—	—	P90 series	Sing. short, Strap rec.
88-D	—	—	(2) 1/2 (2) 3/4	(3) 1/2 (2) 3/4	P90 series	Sing. short Strap rec.
88-S	—	—	(2) 1/2 (2) 3/4	(3) 1/2 (2) 3/4	P90 series	Sing. short Strap rec.

MopTite® Cover Plates for 78 and 88 Series

- Polished-brass finish
- Furnished complete with sealing gasket and 6-32 x 1/2" brass screws
- 2 13/16" outside diameter
- For brushed aluminum, add AL after catalog number



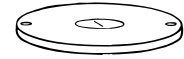
P-90-1/2
1/2" N.P.S. plug



P-90-3/4
3/4" N.P.S. plug



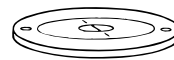
P-90-1
1" N.P.S. plug



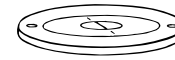
P-90-1-1/4
1 1/4" N.P.S. plug



P-90-2*
2" dia. plug



P-90-1/2-2*
1/2" & 2" dia. plugs

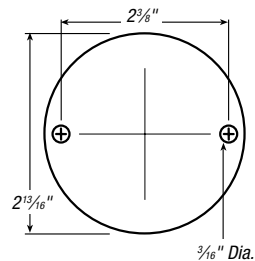


P-90-3/4-2*
3/4" & 2" dia. plugs



CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P-90-1/2	Cover Plate 1/2" NPS Plug	Brass	4
P-90-3/4	Cover Plate 3/4" NPS Plug	Brass	4
P-90-3/4-AL	Cover Plate 3/4" NPS Plug	Aluminum	4
P-90-1	Cover Plate 1" NPS Plug	Brass	4
P-90-1-AL	Cover Plate 1" NPS Plug	Aluminum	4
P-90-1-1/4	Cover Plate 1 1/4" NPS Plug	Brass	4

CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P-90-1-1/4-AL	Cover Plate 1 1/4" NPS Plug	Aluminum	4
P-90-2	Cover Plate 2" UN Plug	Brass	4
P-90-2-AL	Cover Plate 2" UN Plug	Aluminum	4
P-90-1/2-2	Cover Plate 1/2" & 2" Plug	Brass	4
P-90-3/4-2	Cover Plate 3/4" & 2" Plug	Brass	4
P-90-3/4-2-AL	Cover Plate 3/4" & 2" Plug	Aluminum	4



New MopTite® Covers exceed UL watertight requirements for 514A, 514C.

*Also includes steel seating plates for receptacles.

For above-floor service fittings for 78, 88 and 98 series floor boxes, see page A-170

Accessories for 78 and 88 Series Floor Boxes

- Extends vertical adjusting ring 1 1/8"
- Seven cubic inch capacity
- 15-Amp, 125-Volt, NEMA grounding type
- Mounted on steel seating plate
- For use with 2" diameter-opening floor plate



478-G-12



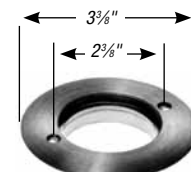
8805-E



CAT. NO.	DESCRIPTION	STD. CTN.
8805-E	Extension Adjusting Ring	4
478-G-12	15-Amp 125-Volt NEMA Grounding Receptacle	4

Carpet Plate for 78 and 88 Series Floor Boxes

- Polished-brass finish
- Furnished complete with 6-32 x 1" brass flathead screws and gasket
- Threaded 2-20UN-2B to accept 694 plug
- 3 3/8" O.D. with 5/8" flange
- For brushed aluminum, add AL after catalog number



P-90-CP



CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P-90-CP	Carpet Plate	Brass	4
P-90-CP-AL	Carpet Plate	Aluminum	4

Will not accept P90 covers. Will accept 694 threaded plug.

Flush Service Floor Boxes

Floor Boxes for Single Short-Strap Receptacles or Communications

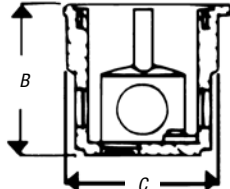
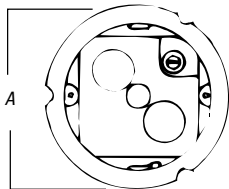
671 and 672 Series Floor Boxes provide flush service for power or communications and data. They can be used in either wood or concrete floors and are suitable for carpet, tile or wood applications.



671SC



672



671 and 672 Floor Boxes

- Cast iron, watertight, non-adjustable
- Painted silver enamel inside and out for additional corrosion resistance
- For use in wood or concrete floors
- 1/2" and 3/4" threaded conduit openings; uses P67 Series covers
- Cat. No. 672 is the 671 floor box with factory-mounted 15-ampere, 125-volt, NEMA grounding receptacle and P67-2 MopTite® cover plate



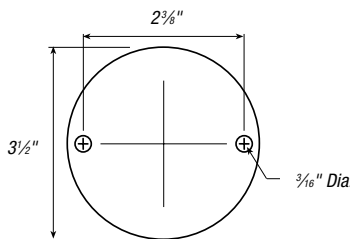
CAT. NO.	DIMENSIONS (IN.)			MAXIMUM CAPACITY (CU. IN.)	STANDARD CONDUIT TAPPING	MAXIMUM CONDUIT TAPPING (IN.)	
	A	B	C			W/BUSHING	W/O BUSHING
671SC	3 1/2	3	2 31/32	13	(2)-3/4"	3/4	3/4
672	3 1/2	3 3/16	2 31/32	13	(4)-1/2"	3/4	3/4

CAT. NO.	CONDUIT KOS (IN.)		COVERS/ CARPET PLATES	WIRING DEVICE	STD. CTN.
	SIDES	BOTTOM			
671SC	(2) 1/2	(2) 1/2	P67 series	Sing. short Strap rec.	4
	(2) 3/4	—			
672	(2) 1/2	(2) 1/2	P67 series	Sing. short Strap rec.	4
	(2) 3/4	—			

New MopTite® Covers exceed UL watertight requirements for 514A, 514C.

MopTite® Plates for 671 and 672 Series

- Polished brass finish
- Furnished complete with sealing gasket and 6-32 x 1/2" brass screws
- 3 1/2" outside diameter



P-67-1/2
1/2" N.P.S. plug



P-67-3/4
3/4" N.P.S. plug



P-67-1
1" N.P.S. plug



P-67-1-1/4*
1 1/4" N.P.S. plug



P-67-2
2" dia. plug



P-67-1/2-2*
1/2" & 2" dia. plugs



P-67-3/4-2*
3/4" & 2" dia. plugs

*Also includes seating plate for receptacle.



CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P-67-1/2	Cover Plate with 1/2" NPS Plug	Brass	4
P-67-3/4	Cover Plate with 3/4" NPS Plug	Brass	4
P-67-3/4-AL	Cover Plate with 3/4" NPS Plug	Aluminum	4
P-67-1	Cover Plate with 1" NPS Plug	Brass	4
P-67-1-AL	Cover Plate with 1" NPS Plug	Aluminum	4
P-67-1-1/4	Cover Plate with 1 1/4" NPS Plug	Brass	4
P-67-2	Cover Plate with 2" UN Thread Plug	Brass	4
P-67-2-AL	Cover Plate with 2" UN Thread Plug	Aluminum	4
P-67-1/2-2	Cover Plate with 1/2" & 2" Plug	Brass	4
P-67-3/4-2	Cover Plate with 3/4" & 2" Plug	Brass	4

New MopTite® Covers exceed UL scrubwater exclusion requirements.

Flush Service Floor Boxes

Carpet Plates for 671 and 672 Floor Boxes

- Polished-brass finish
- Furnished complete with 6-32 x 1"-long brass flathead screws and gasket
- For brushed aluminum, add AL after catalog number
- 3 $\frac{3}{8}$ " outside diameter



P-90-CP



CAT. NO.	DESCRIPTION	STD. CTN.
P-90-CP	Carpet Plate — Brass	4
P-90-CP-AL	Carpet Plate — Aluminum	4

Accessories for 671 and 672 Floor Boxes

- Use brass edge ring for neat appearance when non-adjustable floor box is installed in concrete
- Edge ring has 3 $\frac{3}{4}$ " OD and adds $\frac{3}{8}$ " to floor box height
- 15-amp, 125-volt, NEMA grounding type
- Mounted on steel seating plate
- For use with 2" diameter opening floor plate



P-67-F Edge Ring



478-G-12 Short Strap Receptacle



CAT. NO.	DESCRIPTION	STD. CTN.
P-67-F	Brass Edge Ring for Concrete	4
478-G-12	15-Amp, 125-Volt NEMA Grounding Receptacle	4

Floor Plate Plug Inserts for 78, 88, 671 or 672 Series



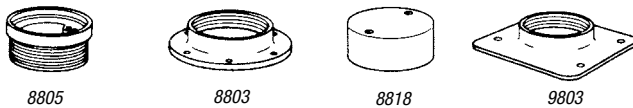
CAT. NO.	SIZE OR DESCRIPTION	STD. CTN.
690-SC	1/2"-14" NPS Thread	4
691-SC	3/4"-14" NPS Thread	4
692-SC	1"-11 1/2" NPS Thread	4
693-SC	1 1/4"-11 1/2" NPS Thread	4
694	2"-20" UN Thread	4
695	1/2"-2"	4
696-SC	3/4"-2"	4
697	2 5/8"-20" UN 2A Thread	4
698	1 7/8" for Duplex P-60-DU	4

For standard plug inserts 1/2" through 2", see **page A-155**

Catalog numbers are for brass.

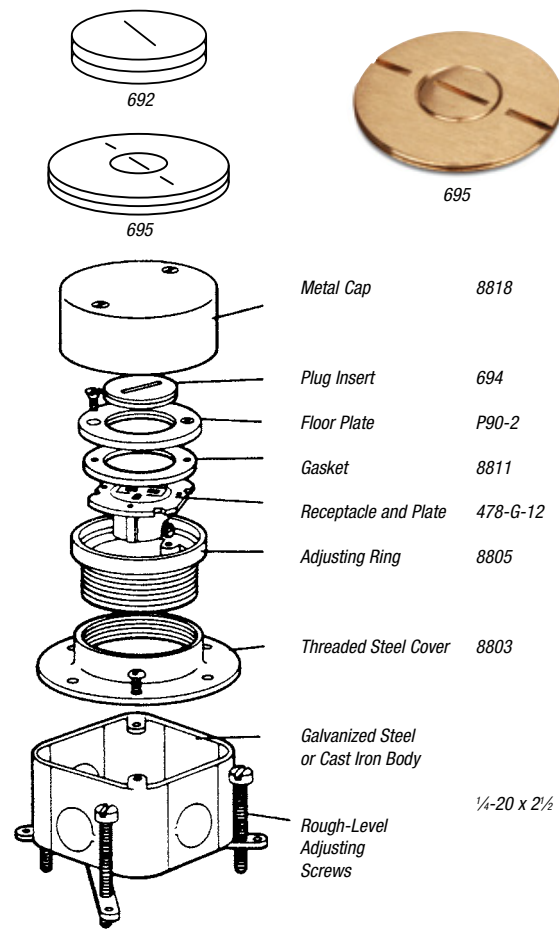
For aluminum, add AL after catalog number.

Floor Box Body Parts



CAT. NO.	DESCRIPTION	STD. CTN.
8805	Brass Adjusting Ring	4
8803	Threaded Steel Body Cover of 78 and 88 Series	4
8818	Metal Protective Cap	4
9803	Threaded Steel Body Cover for 98 Series	4

2 5/8"-20 UN 2A Thread.

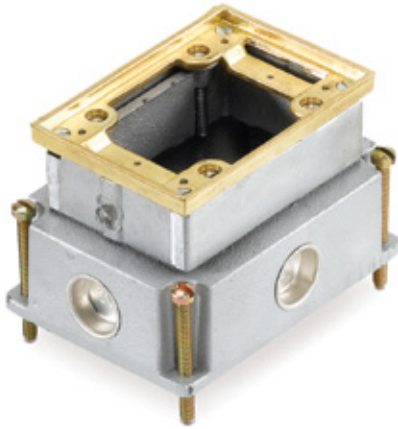


Floor Box Assembly with Floor Plate

Flush Service Floor Boxes

Multiple-Gang Floor Boxes for Power and Communications

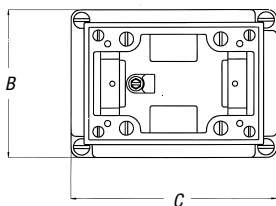
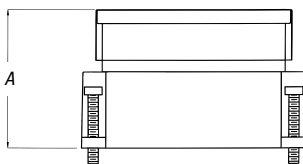
640 and 840 Series Floor Boxes provide flush service for power, communications and data. Multiple-gang boxes enable the user to place high- and low-voltage in a single floor box. Floor boxes up to four-gangs are available. 640 and 840 Series boxes can be used for either carpet or tile applications.



641



842-SC



640 Series

- Cast iron, watertight body, fully adjustable
- Painted silver enamel inside and out for additional corrosion resistance
- Interior and exterior leveling screws permit adjustment to finished floor
- Removable partitions for large capacity requirements on 2-, 3- and 4-gang
- Shipped complete with expendable cap to prevent ingress of concrete during pour
- 3/4" threaded conduit openings are standard
- Uses P64 Series MopTite® covers (one cover per gang)
- For brushed aluminum, add AL after catalog number

840SC Series (Shallow)

- Cast iron, watertight body, semi-adjustable
- Painted silver enamel inside and out for additional corrosion resistance
- Exterior leveling screws for adjustment to finished floor
- Removable partitions for large capacity requirements on 2- and 3-gang
- Shipped complete with expendable cap to prevent ingress of concrete during pour
- 3/4" threaded conduit openings are standard
- Uses P64 Series MopTite® covers (one cover per gang)
- For brushed aluminum, add AL after catalog number

Engineering Data



CAT. NO.	DIMENSIONS (IN.)			BEFORE POUR ADJ. (IN.)	AFTER POUR ADJ. (IN.)
	A	B	C		
641	3 3/8	4	5 1/2	2 1/2	3/8
642	3 3/8	7	5 1/2	2 1/2	3/8
643	3 3/8	10	5 1/2	2 1/2	3/8
644	3 3/8	12 5/16	5 1/2	2 1/2	3/8
841-SC	2	4	5 1/2	1 1/2	—
842-SC	2	7	5 1/2	1 1/2	—
843-SC	2	10	5 1/2	1 1/2	—

CAT. NO.	NUMBER OF GANGS	MAXIMUM CAPACITY (CU. IN.)	CONDUIT HUBS (IN.)
641	1	35	3/4
642	2	37 per gang	3/4
643	3	37 per gang	3/4
644	4	37 per gang	3/4
841-SC	1	15	3/4
842-SC	2	16.5 per gang	3/4
843-SC	3	16.5 per gang	3/4

Use P64 Series covers and carpet plates.

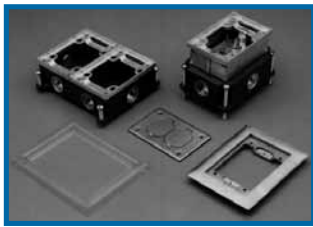
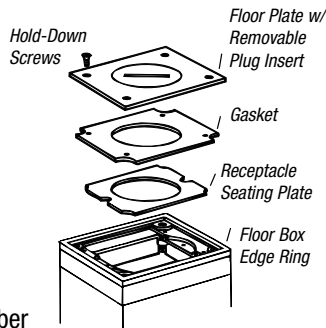
Wiring Device: Duplex, single or voice/data plates.

*Additional hub sizes available — see next page.

Flush Service Floor Boxes

640 and 840 Series Floor Boxes

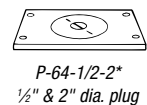
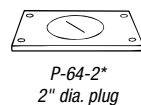
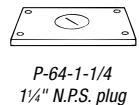
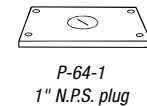
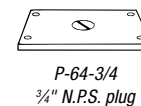
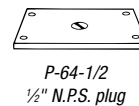
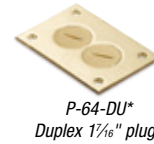
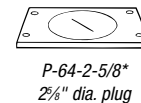
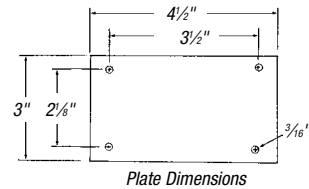
- Polished brass finish
- Furnished complete with sealing gasket and 8-32 x 7/16" brass screws
- 3" x 4 1/2" outside dimension
- For brushed aluminum, add AL after catalog number
- All covers meet MopTite® requirements



CAT. NO.	DESCRIPTION	STD. CTN.
641	Cast-Iron Single-Gang Floor Box with 3/4" Conduit Hubs	4
641-AL	Cast-Iron Single-Gang Floor Box with 3/4" Conduit Hubs & Aluminum Trim	4
641-1	Cast-Iron Single-Gang Floor Box with 1" Conduit Hubs	4
SP-641-1-AL	Cast-Iron Single-Gang Floor Box with 1" Conduit Hubs & Aluminum Trim	4
642	Cast-Iron Two-Gang Floor Box with 3/4" Conduit Hubs	2
642-AL	Cast-Iron Two-Gang Floor Box with 3/4" Conduit Hubs & Aluminum Trim	2
642-1	Cast-Iron Two-Gang Floor Box with 1" Conduit Hubs	2
SP-642-1-AL	Cast-Iron Two-Gang Floor Box with 1" Conduit Hubs & Aluminum Trim	2
643	Cast-Iron Three-Gang Floor Box with 3/4" Conduit Hubs	1
643-AL	Cast-Iron Three-Gang Floor Box with 3/4" Conduit Hubs & Aluminum Trim	1
SP-643-1	Cast-Iron Three-Gang Floor Box with 1" Conduit Hubs	1
SP-643-1-AL	Cast-Iron Three-Gang Floor Box with 1" Conduit Hubs & Aluminum Trim	1
644	Cast-Iron Four-Gang Floor Box with 3/4" Conduit Hubs	1
SP-644-AL	Cast-Iron Four-Gang Floor Box with 3/4" Conduit Hubs & Aluminum Trim	1
841-SC	Shallow Cast-Iron Single-Gang Floor Box with 3/4" Conduit Hubs	4
841-AL	Shallow Cast Iron Single-Gang Floor Box with 3/4" Conduit Hubs & Aluminum Trim	4
842-SC	Shallow Cast-Iron Two-Gang Floor Box with 3/4" Conduit Hubs	2
842-AL-SC	Shallow Cast-Iron Two-Gang Floor Box with 3/4" Conduit Hubs & Aluminum Trim	2
843-SC	Shallow Cast-Iron Three-Gang Floor Box with 3/4" Conduit Hubs	1
843-AL-SC	Shallow Cast-Iron Three-Gang Floor Box with 3/4" Conduit Hubs & Aluminum Trim	1

Boxes supplied with brass tile trim unless otherwise specified.

MopTite® Cover Plates for 640 and 840 Series



*Also includes seating plate for receptacle like others.

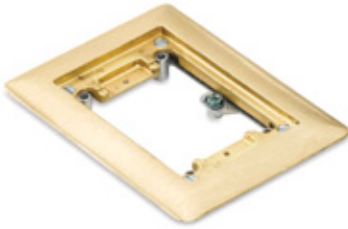


CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P-64-1/2	Cover Plate 1/2" NPS Plug	Brass	4
P-64-1/2-AL	Cover Plate 1/2" NPS Plug	Aluminum	4
P-64-3/4	Cover Plate 3/4" NPS Plug	Brass	4
P-64-3/4-AL	Cover Plate 3/4" NPS Plug	Aluminum	4
P-64-1	Cover Plate 1" NPS Plug	Brass	4
P-64-1-AL	Cover Plate 1" NPS Plug	Aluminum	4
P-64-1-1/4	Cover Plate 1 1/4" NPS Plug	Brass	4
P-64-1-1/4-AL	Cover Plate 1 1/4" NPS Plug	Aluminum	4
P-64-2	Cover Plate 2" UN Plug	Brass	4
P-64-2-AL	Cover Plate 2" UN Plug	Aluminum	4
P-64-1/2-2	Cover Plate 1/2" & 2" UN Plug	Brass	4
P-64-1/2-2-AL	Cover Plate 1/2" & 2" UN Plug	Aluminum	4
P-64-3/4-2	Cover Plate 3/4" & 2" UN Plug	Brass	4
P-64-3/4-2-AL	Cover Plate 3/4" & 2" UN Plug	Aluminum	4
P-64-DS	Cover Plate Duplex Lift Lids	Brass	4
P-64-DS-AL	Cover Plate Duplex Lift Lids	Aluminum	4
P-64-2-5/8	Cover Plate 2 5/8" UN Plug	Brass	4
P-64-2-5/8-AL	Cover Plate 2 5/8" UN Plug	Aluminum	4
P-64-DU	Cover Plate Duplex 1 1/16" Plugs	Brass	4
P-64-DU-AL	Cover Plate Duplex 1 1/16" Plugs	Aluminum	4
P-64-GFCI	Cover Plate GFCI Flip Lid	Brass	4
P-64-GFCI-AL	Cover Plate GFCI Flip Lid	Aluminum	4

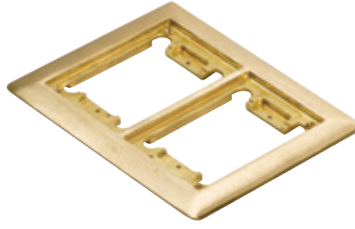
New MopTite® Covers exceed UL® scrubwater exclusion requirements for 514A, 514C.

Flush Service Floor Boxes

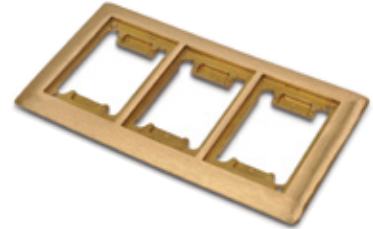
Metallic Carpet Plates for 640 and 840 Series



P-64-CP



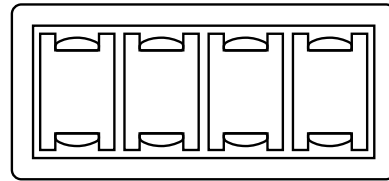
P-64-2G-CP



P-64-3G-CP



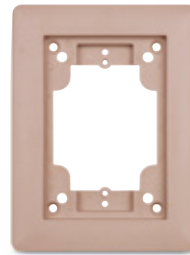
CAT. NO.	NUMBER OF GANGS	OUTSIDE DIMENSION (IN.)	MATERIAL	STD. CTN.
P64-CP	1	4% x 6%	Brass	4
P64-CP-AL	1	4% x 6%	Aluminum	4
P64-2G-CP	2	7% x 6%	Brass	4
P64-2G-CP-AL	2	7% x 6%	Aluminum	4
P64-3G-CP	3	10% x 6%	Brass	4
P64-3G-CP-AL	3	10% x 6%	Aluminum	4
P64-4G-CP	4	13% x 6%	Brass	4
P64-4G-CP-AL	4	13% x 6%	Aluminum	4



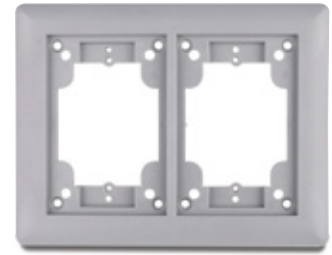
P-64-4G-CP

Non-Metallic Carpet Plates for 640 and 840 Series

- Polycarbonate material
- Textured finish

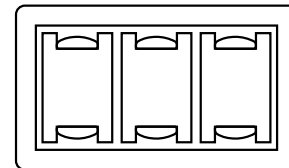


P-64P-CP Series



P-64P-2G-CP Series

CAT. NO.	NUMBER OF GANGS	DESCRIPTION	FINISH	STD. CTN.
P64P-CP-BLK	1	Single-Gang Carpet Plate	Black	4
P64P-CP-GRY	1	Single-Gang Carpet Plate	Gray	4
P64P-CP-BGE	1	Single-Gang Carpet Plate	Beige	4
P64P-2G-CP-BLK	2	Two-Gang Carpet Plate	Black	4
P64P-2G-CP-GRY	2	Single-Gang Carpet Plate	Gray	4
P64P-2G-CP-BGE	2	Two-Gang Carpet Plate	Beige	4
P64P-3G-CP-BLK	3	Three-Gang Carpet Plate	Black	4
P64P-3G-CP-GRY	3	Three-Gang Carpet Plate	Gray	4
P64P-3G-CP-BGE	3	Three-Gang Carpet Plate	Beige	4



P-64P-3G-CP Series

Flush Service Floor Boxes

MopTite® Non-Metallic Covers for 640 and 840 Series



P-64P-URC



CAT. NO.	DESCRIPTION	COLOR	STD. CTN.
P64P-URC-BLK	Universal Cover	Black	4
P64P-URC-GRY	Universal Cover	Gray	4
P64P-URC-BGE	Universal Cover	Beige	4
P64P-BP-BLK	Blank Cover	Black	4
P64P-BP-GRY	Blank Cover	Gray	4
P64P-BP-BGE	Blank Cover	Beige	4

New MopTite® Covers exceed UL® scrubwater exclusion requirements.

Floor Plate Plug Inserts



CAT. NO.	SIZE OR DESCRIPTION	STD. CTN.
690-SC	1/2"–14 NPS Thread	4
691-SC	3/4"–14 NPS Thread	4
692-SC	1"–11 1/2" NPS Thread	4
693-SC	1 1/4"–11 1/2" NPS Thread	4
694	2"–20 UN Thread	4
695	1/2"–2"	4
696-SC	3/4"–2"	4
697	2 5/8"–20 UN 2A Thread	4
698	1 7/8" for Duplex P-60-DU	4

For standard plug inserts 1/2" through 2", see **page A-155**. Catalog numbers are for brass. For aluminum, add AL after catalog number.



692



695

Gaskets for Floor Plate Assemblies



CAT. NO.	FOR USE WITH	STD. CTN.
SP650	P-64 Series Floor Plate Assemblies	4
SP651	P-64-DU Floor Plate Assemblies	10
SP-P64-DS-P2	P-64-DS Floor Plate Assembly	4

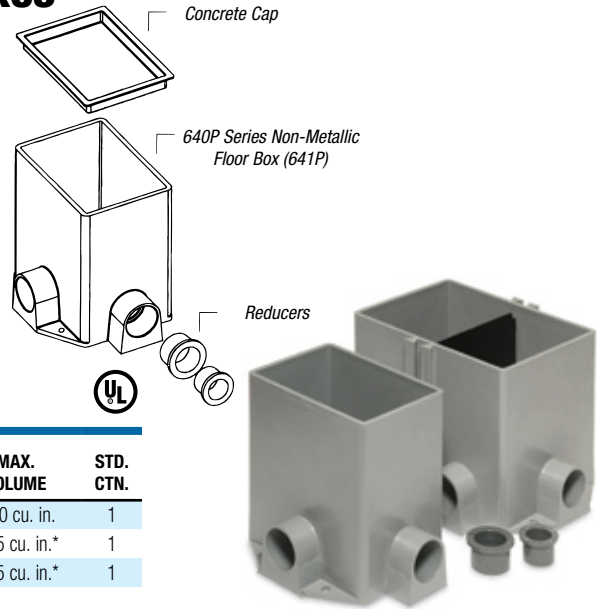


Flush Service Floor Boxes

Multiple-Gang Floor Boxes for Power and Communications.

640P Series Non-Metallic Floor Boxes

- Significant savings over metal boxes
- Die-cast adjusting ring with unique “snap-on” feature which eliminates gluing
- Reduced installation time; no leveling required
- Compatibility with standard-schedule PVC conduit; 1", ¾" and ½"
- Removable adjusting ring accepts wide variety of service accessories
- One-piece housing unit with premolded conduit holes
- Molded from a high-grade polymer material which is fully compatible with standard-schedule PVC conduit
- 640P Series Floor Boxes utilize both plastic and brass carpet (P64 series) plates and covers
- Available in one-, two- and three-gang versions. Two- and three-gang boxes provided with partitions in corresponding activation kits
- Min. concrete pour 2½"



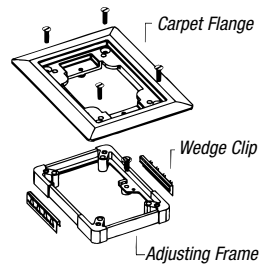
CAT. NO.	DESCRIPTION	DIMENSIONS (IN.)			MAX. VOLUME	STD. CTN.
		LENGTH	WIDTH	HEIGHT		
641P	One-Gang Box	4	5%	6	85.0 cu. in.	1
642P	Two-Gang Box	7	5%	6	85.5 cu. in.*	1
643P	Three-Gang Box	10%	5%	6	85.5 cu. in.*	1

* Per gang.

Carpet Activations for 640P Series

CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
Carpet Activations for 640 Series			
641P-CACA	One-Gang Carpet Trim	Aluminum	4
641P-CACB	One-Gang Carpet Trim	Brass	4
641P-CAC-BGE	One-Gang Carpet Trim	Non-Metallic Beige	4
641P-CAC-BLK	One-Gang Carpet Trim	Non-Metallic Black	4
641P-CAC-GRY	One-Gang Carpet Trim	Non-Metallic Gray	4
642P-CACA	Two-Gang Carpet Trim	Aluminum	4
642P-CACB	Two-Gang Carpet Trim	Brass	4
642P-CAC-BGE	Two-Gang Carpet Trim	Non-Metallic Beige	4

CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
Carpet Activations for 640 Series			
642P-CAC-BLK	Two-Gang Carpet Trim	Non-Metallic Black	4
642P-CAC-GRY	Two-Gang Carpet Trim	Non-Metallic Gray	4
643P-CACA	Three-Gang Carpet Trim	Aluminum	4
643P-CACB	Three-Gang Carpet Trim	Brass	4
643P-CAC-BGE	Three-Gang Carpet Trim	Non-Metallic Beige	4
643P-CAC-BLK	Three-Gang Carpet Trim	Non-Metallic Black	4
643P-CAC-GRY	Three-Gang Carpet Trim	Non-Metallic Gray	4

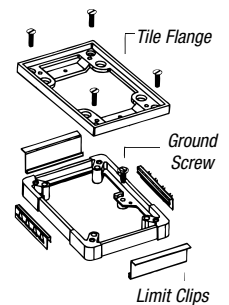


Carpet Activation Kit

Tile Activations for 640P Series

CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
Tile Activations for 640 Series			
641P-TACA	One-Gang Tile Trim	Aluminum	4
641P-TACB	One-Gang Tile Trim	Brass	4
641P-TAC-BGE	Non-Metallic	Beige	4
641P-TAC-BLK	Non-Metallic	Black	4
641P-TAC-GRY	Non-Metallic	Gray	4
642P-TACA	Two-Gang Tile Trim	Aluminum	4
642P-TACB	Two-Gang Tile Trim	Brass	4
642P-TAC-BGE	Non-Metallic	Beige	4

CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
Tile Activations for 640 Series			
642P-TAC-BLK	Non-Metallic	Black	4
642P-TAC-GRY	Non-Metallic	Gray	4
643P-TACA	Three-Gang Tile Trim	Aluminum	4
643P-TACB	Three-Gang Tile Trim	Brass	4
643P-TAC-BGE	Non-Metallic	Beige	4
643P-TAC-BLK	Non-Metallic	Black	4
643P-TAC-GRY	Non-Metallic	Gray	4



Tile Activation Kit

Flush Service Floor Boxes

MopTite® Cover Plates for 640 Series



CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P-64-1/2	Cover Plate 1/2" NPS Plug	Brass	4
P-64-1/2-AL	Cover Plate 1/2" NPS Plug	Aluminum	4
P-64-3/4	Cover Plate 3/4" NPS Plug	Brass	4
P-64-3/4-AL	Cover Plate 3/4" NPS Plug	Aluminum	4
P-64-1	Cover Plate 1" NPS Plug	Brass	4
P-64-1-AL	Cover Plate 1" NPS Plug	Aluminum	4
P-64-1-1/4	Cover Plate 1 1/4" NPS Plug	Brass	4
P-64-1-1/4-AL	Cover Plate 1 1/4" NPS Plug	Aluminum	4
P-64-2	Cover Plate 2" UN Plug	Brass	4
P-64-2-AL	Cover Plate 2" UN Plug	Aluminum	4
P-64-1/2-2	Cover Plate 1/2" & 2" UN Plug	Brass	4
P-64-1/2-2-AL	Cover Plate 1/2" & 2" UN Plug	Aluminum	4
P-64-3/4-2	Cover Plate 3/4" & 2" UN Plug	Brass	4
P-64-3/4-2-AL	Cover Plate 3/4" & 2" UN Plug	Aluminum	4
P-64-2-5/8	Cover Plate 2 5/8" UN Plug	Brass	4
P-64-2-5/8-AL	Cover Plate 2 5/8" UN Plug	Aluminum	4
P-64-DU	Cover Plate Duplex 1 1/16" Plugs	Brass	4
P-64-DU-AL	Cover Plate Duplex 1 1/16" Plugs	Aluminum	4
P-64-DS	Cover Plate Duplex Lift Lids	Brass	4
P-64-DS-AL	Cover Plate Duplex Lift Lids	Aluminum	4
P-64-GFCI	Cover Plate GFCI Flip Lid	Brass	4
P-64-GFCI-AL	Cover Plate GFCI Flip Lid	Aluminum	4

New MopTite® Covers exceed UL® Scrubwater exclusion requirements.

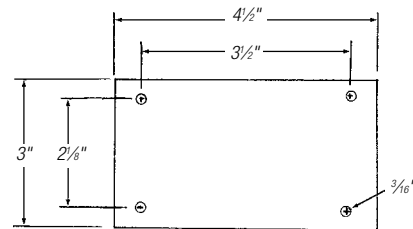
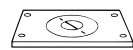


Plate Dimensions



P-64-3/4-2*
3/4" & 2" dia. plug



P-64-2-5/8*
2 5/8" dia. plug



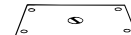
P-64-DS*
Duplex Lift lids



P-64-DU*
Duplex 1 1/16" plugs



P-64-GFCI



P-64-1/2
1/2" N.P.S. plug



P-64-3/4
3/4" N.P.S. plug



P-64-1
1" N.P.S. plug



P-64-1-1/4
1 1/4" N.P.S. plug



P-64-2*
2" dia. plug



P-64-1/2-2*
1/2" & 2" dia. plug

*Also includes seating plate for receptacle like others.

MopTite® Non-Metallic Covers for 640P Series

- Polished-brass finish
- Furnished complete with sealing gasket and 8-32 x 7/16" brass screws
- 3" x 4 1/2" outside dimension
- For brushed aluminum, add AL after catalog number
- All covers meet MopTite® requirements

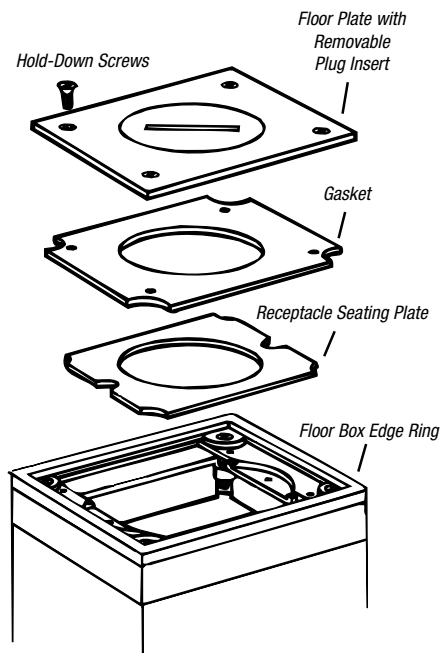


P-64P-URC



CAT. NO.	DESCRIPTION	COLOR	STD. CTN.
P64P-URC-BLK	Universal Cover	Black	4
P64P-URC-GRY	Universal Cover	Gray	4
P64P-URC-BGE	Universal Cover	Beige	4
P64P-BP-BLK	Blank Cover	Black	4
P64P-BP-GRY	Blank Cover	Gray	4
P64P-BP-BGE	Blank Cover	Beige	4

New MopTite® Covers exceed UL® scrubwater exclusion requirements.

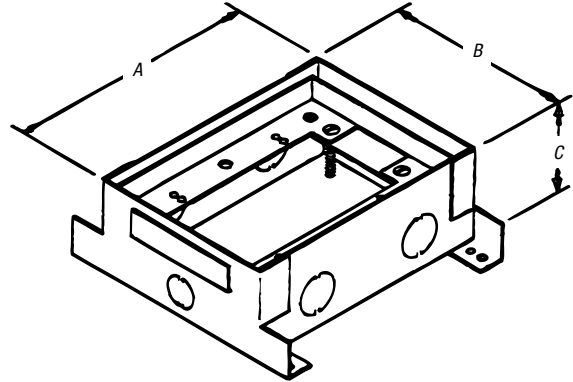


Flush Service Floor Boxes

Multiple-Gang Floor Boxes for Power and Communications: 740 Series

The new 740 Series line of stamped-steel floor boxes are an extension of T&B's industry-leading 640 and 840 series cast-iron floor boxes. The new boxes provide flush service for power, communications and data. Multiple-gang boxes allow the user to place high- and low-voltage in a single floor box. The 740 series can be used for carpet or tile applications.

- Available in shallow (2 $\frac{5}{8}$ ") and deep (3 $\frac{5}{8}$ ") versions
- UL Listed and CSA certified
- Available in one-, two- and three-gang versions
- Two- and three-gang boxes are supplied with customer-installed dividers
- 16 ga. pre-galvanized steel construction
- Adjustable with four exterior leveling legs capable of 2" pre-pour adjustment and an interior leveling ring capable of 1 $\frac{1}{4}$ " after-pour adjustment
- Made with a variety of KOs ranging from 1/2" to 1 $\frac{1}{4}$ "
- Boxes utilize the 640P series metallic and non-metallic floor box accessories with the unique one-step installation method
- Shipped with expendable steel cap to prevent ingress of concrete at installation



CAT. NO.	DESCRIPTION	STD. CTN.
741-S	Shallow One-Gang Steel Floor Box for Concrete Construction	4
742-S	Shallow Two-Gang Steel Floor Box for Concrete Construction	1
743-S	Shallow Three-Gang Steel Floor Box for Concrete Construction	1
741-D	Deep One-Gang Steel Floor Box for Concrete Construction	4
742-D	Deep Two-Gang Steel Floor Box for Concrete Construction	1
743-D	Deep Three-Gang Steel Floor Box for Concrete Construction	1

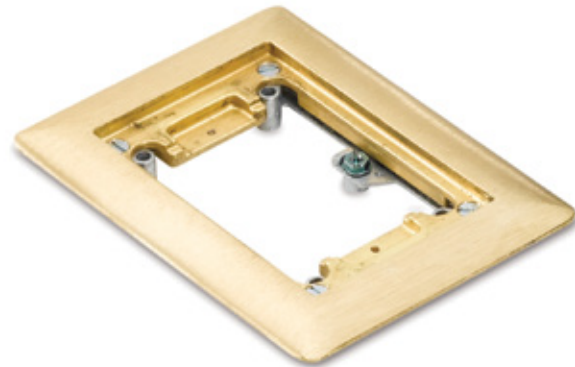
Engineering Data for 740 Series



CAT. NO.	DIMENSIONS (IN.)			ADJUSTMENT (IN.)		CAPACITY PER GANG	CONDUIT KOS (IN.)		
	A	B	C	BEFORE POUR	AFTER POUR		SIDES	ENDS	BOTTOM
741-S	4	5 $\frac{1}{2}$	2 $\frac{5}{8}$	2	1 $\frac{1}{2}$	29 cu. in.	(2) 3/4	(2) 1/2	(1) 1/2 & (1) 3/4
742-S	7 $\frac{1}{4}$	5 $\frac{1}{2}$	2 $\frac{5}{8}$	2	1 $\frac{1}{2}$	26 cu. in.	(4) 3/4	(2) 1/2	(2) 1/2 & (2) 3/4
743-S	10 $\frac{1}{4}$	5 $\frac{1}{2}$	2 $\frac{5}{8}$	2	1 $\frac{1}{2}$	26 cu. in.	(6) 3/4	(2) 1/2	(3) 1/2 & (3) 3/4
741-D	4	5 $\frac{1}{2}$	3 $\frac{5}{8}$	2	1 $\frac{1}{2}$	48 cu. in.	(2) 3/4	(2) 1 $\frac{1}{4}$	(1) 3/4 & (1) 3/4
742-D	7 $\frac{1}{4}$	5 $\frac{1}{2}$	3 $\frac{5}{8}$	2	1 $\frac{1}{2}$	41 cu. in.	(4) 3/4	(2) 1 $\frac{1}{4}$	(2) 1/2 & (2) 3/4
743-D	10 $\frac{1}{4}$	5 $\frac{1}{2}$	3 $\frac{5}{8}$	2	1 $\frac{1}{2}$	41 cu. in.	(6) 3/4	(2) 1 $\frac{1}{4}$	(3) 1/2 & (3) 3/4

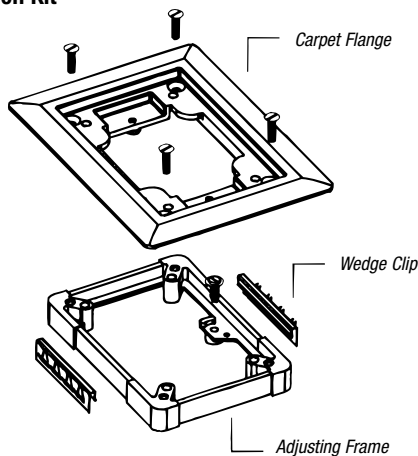
Flush Service Floor Boxes

Carpet and Tile Activations for 740 Series

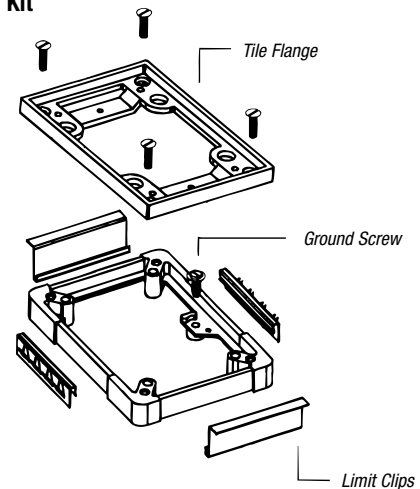


641P-CACB

Carpet Activation Kit



Tile Activation Kit

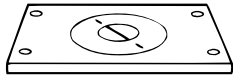


CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
Carpet Activations for 740 Series			
641P-CACA	One-Gang Carpet Trim	Aluminum	4
641P-CACB	One-Gang Carpet Trim	Brass	4
641P-CAC-BGE	One-Gang Carpet Trim	Non-Metallic Beige	4
641P-CAC-BLK	One-Gang Carpet Trim	Non-Metallic Black	4
641P-CAC-GRY	One-Gang Carpet Trim	Non-Metallic Gray	4
642P-CACA	Two-Gang Carpet Trim	Aluminum	4
642P-CACB	Two-Gang Carpet Trim	Brass	4
642P-CAC-BGE	Two-Gang Carpet Trim	Non-Metallic Beige	4
642P-CAC-BLK	Two-Gang Carpet Trim	Non-Metallic Black	4
642P-CAC-GRY	Two-Gang Carpet Trim	Non-Metallic Gray	4
643P-CACA	Three-Gang Carpet Trim	Aluminum	4
643P-CACB	Three-Gang Carpet Trim	Brass	4
643P-CAC-BGE	Three-Gang Carpet Trim	Non-Metallic Beige	4
643P-CAC-BLK	Three-Gang Carpet Trim	Non-Metallic Black	4
643P-CAC-GRY	Three-Gang Carpet Trim	Non-Metallic Gray	4

CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
Tile Activations for 740 Series			
641P-TACA	One-Gang Tile Trim	Aluminum	4
641P-TACB	One-Gang Tile Trim	Brass	4
641P-TAC-BGE	Non-Metallic	Beige	4
641P-TAC-BLK	Non-Metallic	Black	4
641P-TAC-GRY	Non-Metallic	Gray	4
642P-TACA	Two-Gang Tile Trim	Aluminum	4
642P-TACB	Two-Gang Tile Trim	Brass	4
642P-TAC-BGE	Non-Metallic	Beige	4
642P-TAC-BLK	Non-Metallic	Black	4
642P-TAC-GRY	Non-Metallic	Gray	4
643P-TACA	Three-Gang Tile Trim	Aluminum	4
643P-TACB	Three-Gang Tile Trim	Brass	4
643P-TAC-BGE	Non-Metallic	Beige	4
643P-TAC-BLK	Non-Metallic	Black	4
643P-TAC-GRY	Non-Metallic	Gray	4

Flush Service Floor Boxes

MopTite® Cover Plates for 740 Series



P-64-3/4-2*
3/4" & 2" dia. plug



P-64-2-5/8*
2 5/8" dia. plug



P-64-DS*
Duplex Lift lids

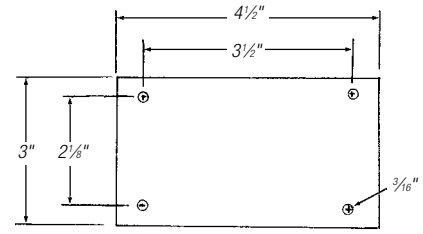


Plate Dimensions



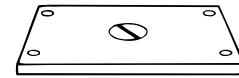
P-64-DU*
Duplex 1/16" plugs



P-64-GFCI



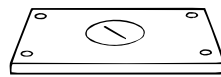
P-64-1/2
1/2" N.P.S. plug



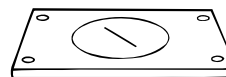
P-64-3/4
3/4" N.P.S. plug



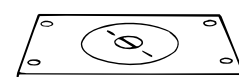
P-64-1
1" N.P.S. plug



P-64-1-1/4
1 1/4" N.P.S. plug



P-64-2*
2" dia. plug



P-64-1/2-2*
1/2" & 2" dia. plug

*Also includes seating plate for receptacle like others.



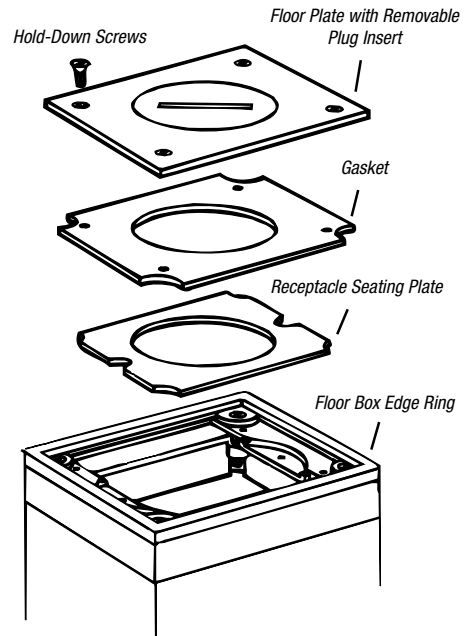
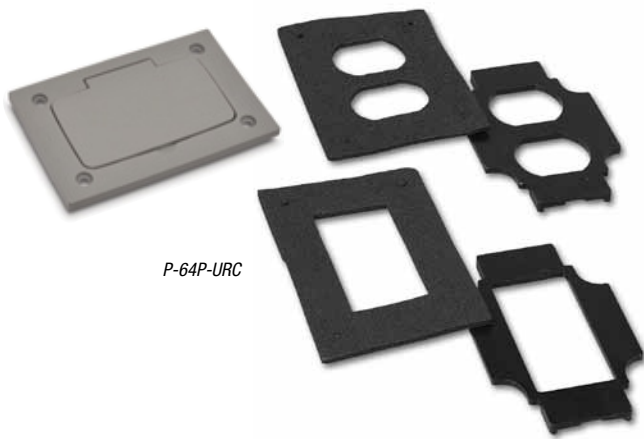
CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P-64-1/2	Cover Plate 1/2" NPS Plug	Brass	4
P-64-1/2-AL	Cover Plate 1/2" NPS Plug	Aluminum	4
P-64-3/4	Cover Plate 3/4" NPS Plug	Brass	4
P-64-3/4-AL	Cover Plate 3/4" NPS Plug	Aluminum	4
P-64-1	Cover Plate 1" NPS Plug	Brass	4
P-64-1-AL	Cover Plate 1" NPS Plug	Aluminum	4
P-64-1-1/4	Cover Plate 1 1/4" NPS Plug	Brass	4
P-64-1-1/4-AL	Cover Plate 1 1/4" NPS Plug	Aluminum	4
P-64-2	Cover Plate 2" UN Plug	Brass	4
P-64-2-AL	Cover Plate 2" UN Plug	Aluminum	4
P-64-1/2-2	Cover Plate 1/2" & 2" UN Plug	Brass	4
P-64-1/2-2-AL	Cover Plate 1/2" & 2" UN Plug	Aluminum	4
P-64-3/4-2	Cover Plate 3/4" & 2" UN Plug	Brass	4
P-64-3/4-2-AL	Cover Plate 3/4" & 2" UN Plug	Aluminum	4
P-64-2-5/8	Cover Plate 2 5/8" UN Plug	Brass	4
P-64-2-5/8-AL	Cover Plate 2 5/8" UN Plug	Aluminum	4
P-64-DU	Cover Plate Duplex 1/16" Plugs	Brass	4
P-64-DU-AL	Cover Plate Duplex 1/16" Plugs	Aluminum	4
P-64-DS	Cover Plate Duplex Lift Lids	Brass	4
P-64-DS-AL	Cover Plate Duplex Lift Lids	Aluminum	4
P-64-GFCI	Cover Plate GFCI Flip Lid	Brass	4
P-64-GFCI-AL	Cover Plate GFCI Flip Lid	Aluminum	4

New MopTite® Covers exceed UL® scrubwater exclusion requirements.

Flush Service Floor Boxes

MopTite® Non-Metallic Cover Plates for 740 Series

- Polished-brass finish
- Furnished complete with sealing gasket and 8-32 x 7/16" brass screws
- 3" x 4½" outside dimension
- For brushed aluminum, add AL after catalog number
- All covers meet MopTite® requirements



CAT. NO.	DESCRIPTION	FINISH	STD. CTN.
P64P-URC-BLK	Universal Cover	Black	4
P64P-URC-GRY	Universal Cover	Gray	4
P64P-URC-BGE	Universal Cover	Beige	4
P64P-BP-BLK	Blank Cover	Black	4
P64P-BP-GRY	Blank Cover	Gray	4
P64P-BP-BGE	Blank Cover	Beige	4

New MopTite® Covers exceed UL® scrubwater exclusion requirements.



Request Info

1-800-453-1692



www.aboveboardelectronics.com

Flush Service Floor Boxes

Single-Gang Residential Floor Box Kit for Wood Floors.

Steel City® Single-Gang Residential Floor Box Kit

Tired of tripping over extension cords? Look no further than the Steel City® Single-Gang Residential Floor Box Kit from Thomas & Betts. This affordable and conveniently packaged kit for the residential market provides power right where you need it most.

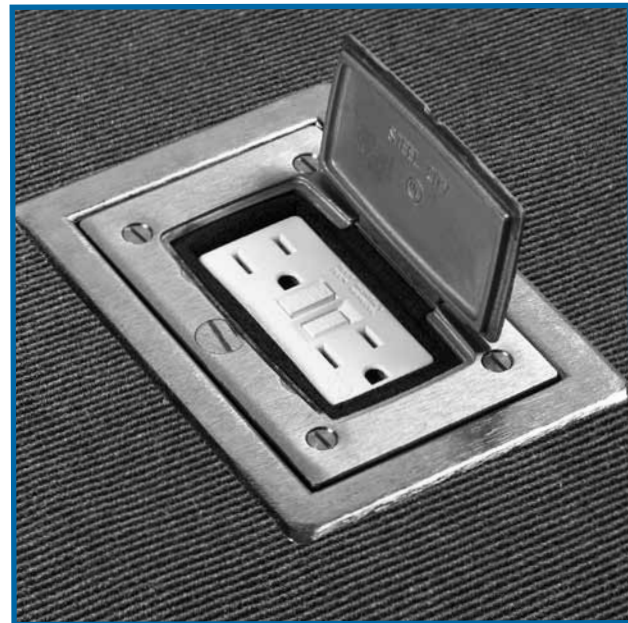
- Kit includes switch box, cover, flange and receptacle
- Durable metallic covers and flanges are available in aesthetic brass or nickel finishes
- Available with duplex or GFCI receptacle
- MopTite® covers meet UL® scrubwater requirements for wood, tile and carpet
- 3" x 2" Switch Box is 3½" deep with 18 cu. in. capacity
- Box includes integral non-metallic sheathed cable clamps



NEW!



Brass finish with duplex receptacle.



Nickel finish with GFCI receptacle.

Specifications

- Material: Box — Galvanized Steel
Cover — Brass or Nickel plated
Aluminum Flange — Die-cast Zinc with Brass or Nickel finish
- Listing: UL® and CSA Listed



CAT. NO.	DESCRIPTION	STD. CTN.
71W-DS	1-Gang Residential Floor Box — Duplex Recp., Brass Finish	4
71W-DS-N	1-Gang Residential Floor Box — Duplex Recp., Nickel Finish	4
71W-GFCI	1-Gang Residential Floor Box — GFCI Recp., Brass Finish	4
71W-GFCI-N	1-Gang Residential Floor Box — GFCI Recp., Nickel Finish	4

Flush Service Floor Boxes

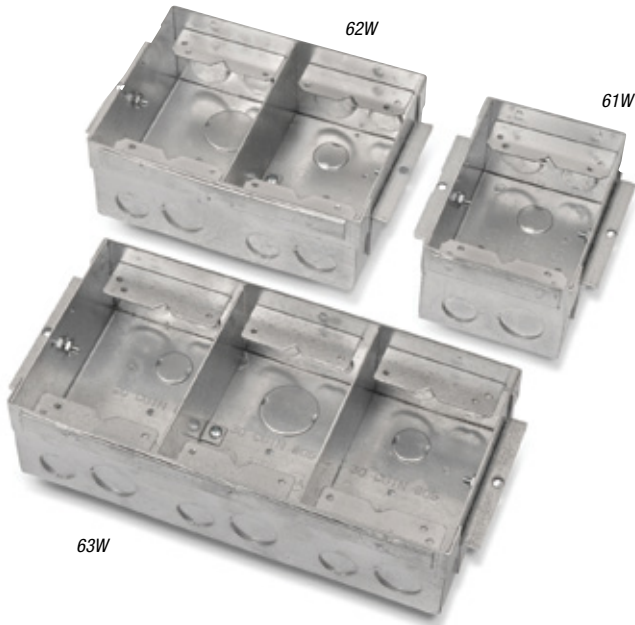
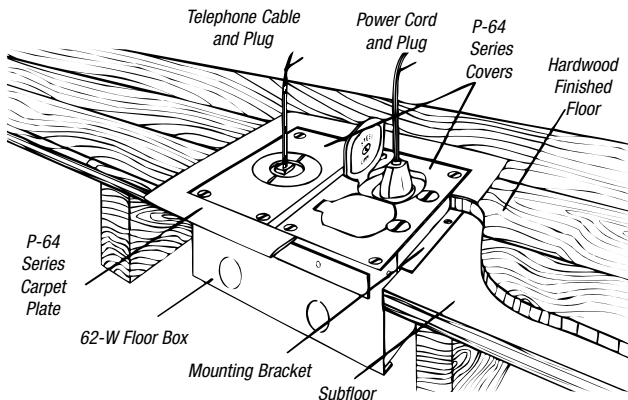
For Wood Subfloors!

60W Series Floor Boxes

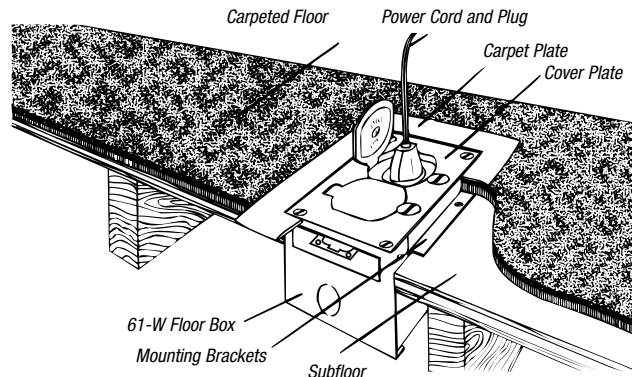
Steel City® 60W Series Floor Boxes provide single- and multi-gang solutions for wood subfloor applications.

- **NEW!** Three-gang configuration for high-capacity, multi-service installations
- **NEW!** Larger KOs ($\frac{3}{4}$ " and 1") have been added to each gang for application flexibility
- Adjustable mounting brackets allow for various finished floor-material heights (hardwoods, tile or carpet)
- Ideal for open-layout residential applications, school auditoriums or commercial office space
- Voltage dividers are included with multi-gang boxes to accommodate power, voice and data services in the same floor box
- Full range of metallic and non-metallic cover and flange options

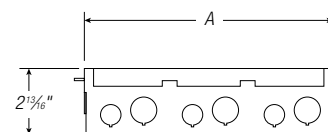
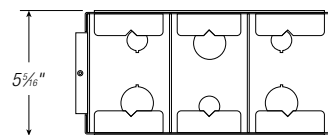
New Construction (New Work) Applications



Retrofit Construction (Old Work) Application



CAT. NO.	DIMENSION	A (IN.)	CAPACITY	STD. CTN.
61W	1-Gang Floor Box for Wood Subfloors $3\frac{1}{8}$ " Ends: (2) $\frac{1}{2}$ ", (2) $\frac{3}{4}$ " Bottom: (1) $\frac{1}{2}$ ", (1) 1"	$3\frac{1}{8}$	31 cu. in.	1
62W	2-Gang Floor Box for Wood Subfloors $7\frac{1}{8}$ " Ends: (4) $\frac{1}{2}$ ", (4) $\frac{3}{4}$ " Bottom: (2) $\frac{1}{2}$ ", (2) 1"	$7\frac{1}{8}$	60 cu. in.	1
63W	NEW! 3-Gang Floor Box for Wood Subfloors $10\frac{1}{4}$ " Ends: (6) $\frac{1}{2}$ ", (6) $\frac{3}{4}$ " Bottom: (3) $\frac{1}{2}$ ", (3) 1"	$10\frac{1}{4}$	90 cu. in.	1



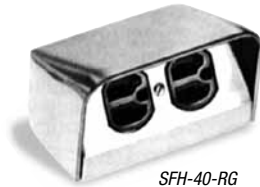
Above-Floor Service Fittings

Steel City® Service Fittings Provide Above-Floor Service for Power, Communications and Data.

Service Fittings for Power

SFH-40 Series

- Brushed-aluminum finish
- Low-profile design
- Furnished with 1" conduit nipple

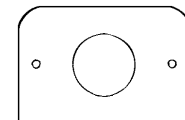
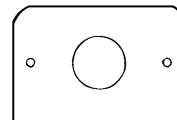
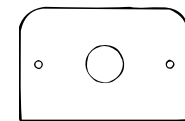
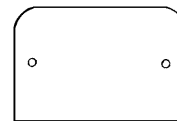
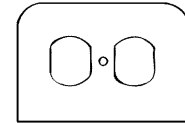
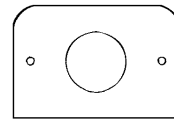
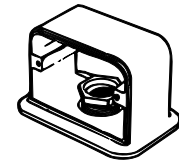
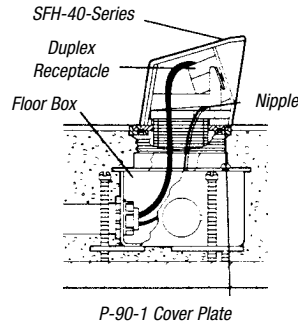


SFH-50 Series

- Brushed-aluminum finish
- Interchangeable face plates
- Furnished with 1" conduit nipple for direct screw-threading into a floor box plate with 1" cover opening



CAT. NO.	DESCRIPTION	FINISH	DIMENSIONS (IN.)			STD. CTN.
			W	D	H	
SFH-40-RG	Furnished with One 15-Amp, 125-Volt, 3-Wire NEMA Duplex Receptacle	Brushed Aluminum	4 $\frac{3}{8}$ "	3"	2 $\frac{5}{8}$ "	4
SFH-40	Same as SFH-40-RG Above, Less Duplex Receptacle	Brushed Aluminum	4 $\frac{3}{8}$ "	3"	2 $\frac{5}{8}$ "	4
SFH-50-2RG	Furnished with Two Back-to-Back 15-Amp, 125-Volt, 3-Wire NEMA Duplex Receptacles	Brushed Aluminum	5"	3 $\frac{3}{8}$ "	3"	4
SFH-50	Same as SFH-50-2RG, Less Duplex Receptacles	Brushed Aluminum	5"	3 $\frac{3}{8}$ "	3"	4
SFH-51	Furnished with Cover Plate to Accommodate One 30- or 50-Amp, 240-Volt, 3-Wire Receptacle and Blank Cover	Brushed Aluminum	5"	3 $\frac{3}{8}$ "	3"	4



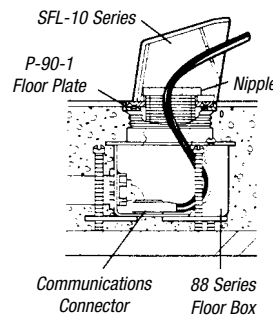
Service Fittings for Communications and Data

- Brushed-aluminum finish
- Low-profile design
- Furnished with 1" conduit nipple



CAT. NO.	DESCRIPTION	FINISH	DIMENSIONS (IN.)			STD. CTN.
			W	D	H	
SFL-10	$\frac{3}{4}$ " x 1 $\frac{1}{8}$ " Bushed Opening for Telephone or Computer	Brushed Aluminum	4 $\frac{3}{8}$ "	3 $\frac{3}{8}$ "	2 $\frac{5}{8}$ "	4

Sample Application



Replacement Parts and Accessories

68, 600, 640, 740 and 840 Series — 1-, 2-, 3-Gang Floor Plate Plug Inserts



692



695



CAT. NO.	SIZE OR DESCRIPTION	STD. CTN.
690-SC	1/2"-14" NPS Thread	4
691-SC	3/4"-14" NPS Thread	4
692-SC	1"-11 1/2" NPS Thread	4
693-SC	1 1/4"-11 1/2" NPS Thread	4
694	2"-20" UN Thread	4
695	1/2"-2"	4
696-SC	3/4"-2"	4
697	2 5/8"-20" UN 2A Thread	4
698	1 1/8" for Duplex P-60-DU	4

For standard plug inserts 1/2" through 2", see **page A-155**.

Catalog numbers are for brass.

For aluminum, add AL after catalog number.

2 5/8"-20" UN 2A thread.

Gaskets for Floor Plate Assemblies



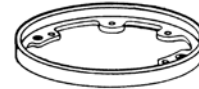
CAT. NO.	DESCRIPTION FOR USE WITH:	STD. CTN.
630-SC	P-60 Series Floor Plate Assemblies	4
631	(except duplex) P-60-DR, P-60-DU, P-60-DC-AL Floor Plate Assemblies	4
SP-60-DS-P3	P-60-DS Floor Plate Assembly	1

Seating Plates for Receptacles — Steel



CAT. NO.	DESCRIPTION FOR USE WITH:	STD. CTN.
SP-620-MA	P-60-2, P-60-1/2-2, P-60-3/4-2 Floor Plate Assemblies	1
SP-621	P-60-DR, P-60-DU, P-60-DC-AL and P-60-DS Floor Plate Assemblies	1

Tile Trims



CAT. NO.	DESCRIPTION	STD. CTN.
600-4-FL-AL	Aluminum	4
600-4-FL	Brass	4

Gaskets for Floor Plate Assemblies



CAT. NO.	DESCRIPTION FOR USE WITH:	STD. CTN.
SP650	P-64 Series Floor Plate Assemblies	4
SP651	P-64-DU Floor Plate Assemblies	10
SPP-64-DS-P2	P-64-DS Floor Plate Assemblies	4

Seating Plates for Receptacles — Steel



CAT. NO.	DESCRIPTION FOR USE WITH:	STD. CTN.
640	P-64-2, P-64-1/2-2, P-64-3/4-2 Floor Plate Assemblies	4
639	P-64-2-5/8 Floor Plate Assemblies	1
638	P-64-DS and P-64-DU Floor Plate Assemblies	2 5/8"-20 UN 2A Thread

Floor Plate Plug Inserts

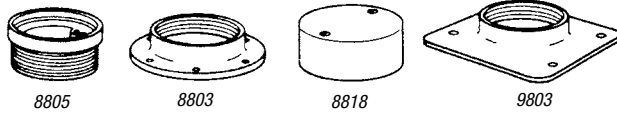


CAT. NO.	DESCRIPTION FOR USE WITH:	STD. CTN.
697	2 5/8"	4
698	1 1/8" for Duplex P-64-DU	4

For standard plug inserts 1/2" through 2", see **page A-155**. Catalog numbers are for brass. For aluminum, add AL after catalog number.

Replacement Parts and Accessories

For 78, 88 and 98, 671 or 672 Series Floor Box Body Parts



CAT. NO.	DESCRIPTION	STD. CTN.
8805	Brass Adjusting Ring	4
8803	Threaded Steel Body Cover of 78 and 88 Series	4
8818	Metal Protective Cap	4
9803	Threaded Steel Body Cover for 98 Series	4

2 1/4"-20" UN 2A Thread.



Gasket for Floor Plate Assembly



CAT. NO.	FOR USE WITH:	STD. CTN.
8811	P-90 Series Floor Plates	4



Plate for Short Strap Receptacle

CAT. NO.	FOR USE WITH:	STD. CTN.
889	Series 78, 88, 98, 671, 672 Boxes	4



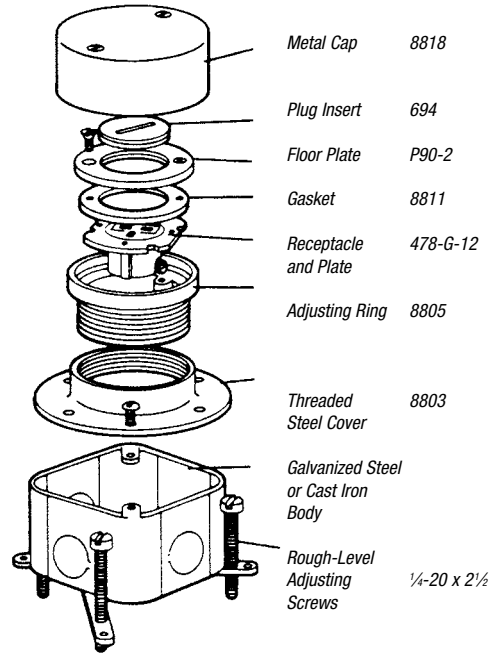
Extension Collar

CAT. NO.	FOR USE WITH:	STD. CTN.
8805-E	Provides an Extension of Floor Box Throat Upwards 1 1/8"; for Extreme Depths (7 cu. in.) 2 1/4"-20 UN 2A Thread	4

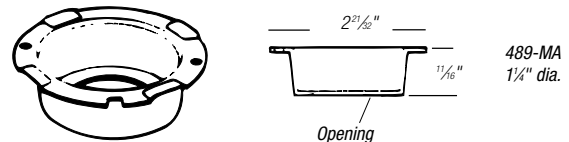
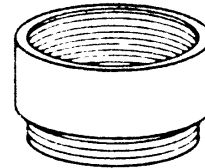
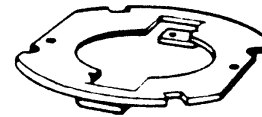


Microphone Adapter for Floor Boxes

CAT. NO.	FOR USE WITH:	STD. CTN.
489-MA	27-ga. Galvanized Steel with 1 1/4" Dia. Opening for Standard Microphone Jacks: for Steel City® Floor Box Series 78, 88, 98 and 671	4



Floor Box Assembly with Floor Plate



Poke Through Systems

Capacity, Durability, Flexibility — Everything You've Been Looking for in a Poke Through.

Fire-Rated Poke Through Systems

Flush Power & Communications

FPT4 Series

- Maximum capacity and flexibility for flush-mounted power and communications devices, including the popular "4 x 4" configuration (4 power outlets, 4 communications devices)
- Core Drill Size: 4"

FPT3 Series

- Accommodates 1 duplex receptacle and 2 data jacks
- Core Drill Size: 3"

FPT Flush Series

- Accepts 1 duplex receptacle
- Core Drill Size: 3"

Furniture Feed

FFPT4 Series

- 2 Conduit Hubs: ¾" for power and 1¼" for communications
- Core Drill Size: 4"

FFPT3 Series

- Concentric 2" and 1¼" Hub for power or communications
- Core Drill Size: 3"

FPT Furniture Feed Series

- 3 Conduit Hubs: (2) ½" and (1) ¾" for power and communications
- Core Drill Size: 3"

Above Floor Pedestals

FPT Above-Floor Pedestals

- Available in 2 compartment and 4 compartment for power and communications
- Core Drill Size: 3"

Poke Through Systems

FPT4 Series

The FPT4 Series provides everything you look for in a flush Poke Through — capacity, durability, flexibility, accessibility and aesthetics.

Capacity:

- Four standard configurations:
 - 4 power receptacles + 4 communications devices (4 x 4)
 - 2 power receptacles + 6 communications devices
 - 8 communications devices
 - 1 locking receptacle + 2 communications devices
- Core Drill Size: 4"

Durability:

- Solid brass or aluminum covers protect devices from damage and debris when not in use — no exposed plastic components
- Unique latching lid eliminates easily damaged, hard-to-use locking screws

Accessibility:

- Full access to communications compartment through the cover without exposing power compartments — even after it's installed in the floor
- "Straight-through" wiring of communications cabling for easy installation and changes

Flexibility:

- Configurable design to meet any project requirements:
 - 4 standard configurations for power and communications devices
 - 20A receptacles can be wired as isolated ground (orange labels provided)
 - Communications plates available to accommodate data jacks from many manufacturers
 - Accepts Extron MAAP plates for A/V components
- Threaded conduit hubs enable all communications cabling to be enclosed in a single conduit
 - Integral 1" hub on the 4 x 4 — no extra parts needed
 - Optional hubs available for other configurations
- Junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)

Aesthetics:

- The only 4" core poke through for power and communications with the entire cover made of solid brass — features an aesthetic brushed finish
- Solid aluminum covers also available with brushed finish or powder-coated finishes in black, gray, brown and beige to match any décor — the most colors in the industry



4 Power +
4 Communications, [page A-175](#).



2 Power +
6 Communications, [page A-175](#).



8 Communications,
[page A-176](#).



1 Locking Receptacle
+ 2 Communications, [page A-176](#).

Poke Through Systems

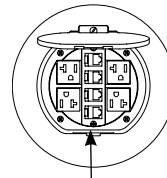
Poke Through: 4 Power and 4 Communications

- Four 20A Receptacles, two circuits, six 12 AWG wires, prewired, pigtail ends in junction box (can be wired as isolated ground, labels provided)
- Keystone Communications Device Plate with four Keystone Category 5e Data Jacks — see **page A-177** for optional Communications Device Plates for Compartment A
- Integral 1" threaded conduit hub for communication wiring (cast iron)



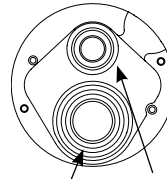
CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-4P-4C-TBRS	Poke-Through Assembly: Base with Brass Cover	1
FPT4-4P-4C-TALM	Poke-Through Assembly: Base with Aluminum Cover	1
FPT4-4P-4C-TBLK	Poke-Through Assembly: Base with Black Cover	1
FPT4-4P-4C	Poke-Through Base (Cover Purchased Separately)	1

Device Layout

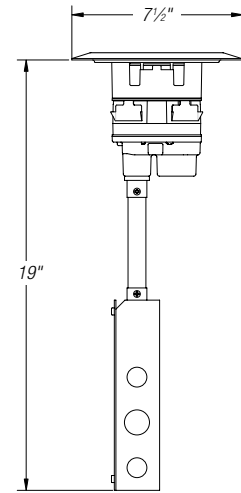


Compartment A

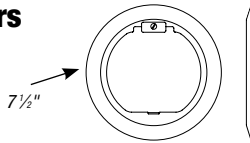
Cable Entry



1" Threaded Hub for Power
1/2" Threaded Hub for Communications



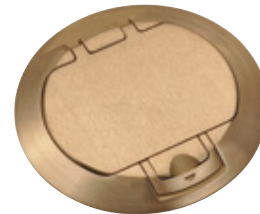
Poke Through Covers



CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-CVR-TBRS	Cover, FPT4 Series Poke Through — Brushed Brass	4
FPT4-CVR-TALM	Cover, FPT4 Series Poke Through — Brushed Aluminum	4
FPT4-CVR-TBLK	Cover, FPT4 Series Poke Through — Aluminum with Black Powder Coat Finish	4
FPT4-CVR-TBGE	Cover, FPT4 Series Poke Through — Aluminum with Beige Powder Coat Finish	4
FPT4-CVR-TBRN	Cover, FPT4 Series Poke Through — Aluminum with Brown Powder Coat Finish	4

Forged solid brass and aluminum covers.

Latching lid closes easily without the need for locking screws.



Brass

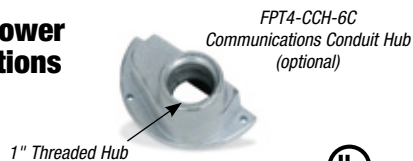


Aluminum



Black

Poke Through: 2 Power and 6 Communications



FPT4-CCH-6C
Communications Conduit Hub
(optional)

1" Threaded Hub

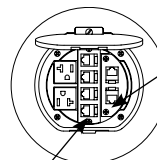


CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-2P-6C	Poke-Through Base Unit only (cover purchased separately)	1
FPT4-CCH-6C	Optional 1" Threaded Conduit Hub for Communications Wiring (cast iron)	1

Two 20A Receptacles, one circuit, three 12 AWG wires, prewired, pigtail ends in junction box (can be wired as isolated ground, labels provided).

Includes Keystone Communications Device Plates with six Keystone Category 5e Data Jacks — see **page A-177** for optional Communications Device Plates for Compartment A and Compartment B.

Device Layout



Compartment B

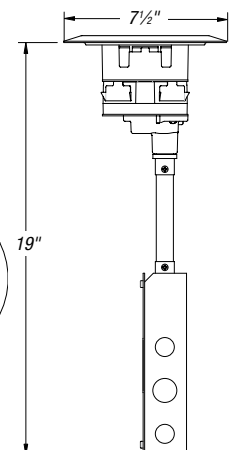
Compartment A

Cable Entry

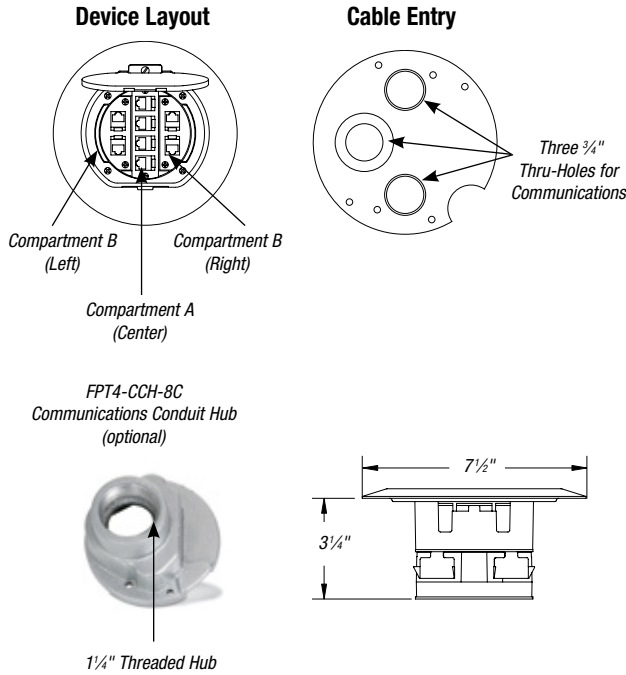
1/2" Threaded Hub for Power

Two 3/4" Thru-Holes for Communications

(Cover purchased separately)



Poke Through Systems



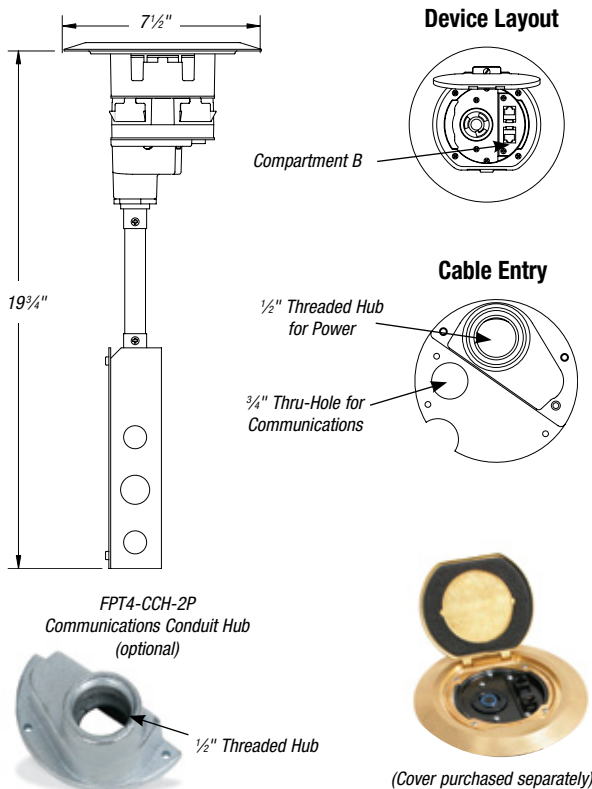
FPT4 Series (continued)

Poke Through: 8 Communications

- Keystone Communications Device Plates with eight Keystone Category 5e Data Jacks — see **page A-177** for optional Communications Device Plates for Compartment A and Compartment B
- No junction box



CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-8C	Poke-Through Base (Cover Purchased Separately)	1
FPT4-CCH-8C	Optional $\frac{1}{4}$ " Threaded Conduit Hub for Communications Wiring (Cast Iron)	4



Poke Through: 1 Locking Receptacle & 2 Communications

- 20A Receptacle: pre-wired, three 12 AWG wires, pigtail ends in junction box
- 30A Receptacle: pre-wired, three 10 AWG wires, pigtail ends in junction box
- Cover purchased separately
- Includes Keystone Communications Device Plates with two Keystone Category 5e Data Jacks — see **page A-177** for optional Communications Device Plates for Compartment B

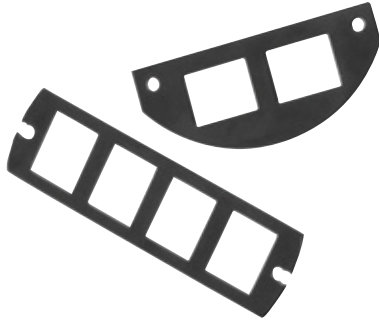


CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-1TL21-2C	Poke-Through Base, NEMA L5-20R, 20A/125V Locking Receptacle, 2 Communications Receptacles	1
FPT4-1TL22-2C	Poke-Through Base, NEMA L6-20R, 20A/250V Locking Receptacle, 2 Communications Receptacles	1
FPT4-1TL31-2C	Poke-Through Base, NEMA L5-30R, 30A/125V Locking Receptacle, 2 Communications Receptacles	1
FPT4-1TL32-2C	Poke-Through Base, NEMA L6-30R, 30A/250V Locking Receptacle, 2 Communications Receptacles	1
FPT4-CCH-2P	Optional $\frac{1}{2}$ " Threaded Conduit Hub for Communications Wiring (Cast Iron)	4

Poke Through Systems

Optional Communications Device Plates

- Device Plate only — no jacks included



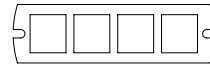
CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-CPA-4KEY	For 4 Keystone Jacks — Compartment A*	4
FPT4-CPA-4SYS	For 4 Systemax® Jacks — Compartment A	4
FPT4-CPA-3PAN	For 3 Panduit Jacks — Compartment A**	4
FPT4-CPA-1MAAP	For Extron® MAAP Plate, Single Space — Compartment A	4
FPT4-CPA-4ORT	For 4 Ortronics® Jacks — Compartment A	4
FPT4-CPA-BLANK	Blank — Compartment A	4
FPT4-CPB-2KEY	For 4 Keystone Jacks — Compartment B*	4
FPT4-CPB-2SYS	For 4 Systemax® Jacks — Compartment B	4
FPT4-CPB-2PAN	For 2 Panduit Jacks — Compartment B**	4
FPT4-CPB-1MAAP	For Extron® MAAP Plate, Single Space — Compartment B	4
FPT4-CPB-2ORT	For 4 Ortronics® Jacks — Compartment B	4
FPT4-CPB-BLANK	Blank — Compartment B	4
FPT4-CPAB-2MAAP	For Extron® MAAP Plate, Double Space — Compartment A-B	4

* Keystone plates also accept Leviton® and Hubbell® devices.

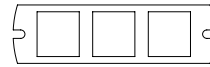
** Requires CMNZABL-X adapter from Panduit® to mount Panduit® MiniCom jacks.

*** For use with FPT4-2P-6C and FPT4-8C Series only; replaces one Compartment A plate and one Compartment B plate.

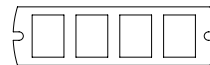
Compartment A Plates



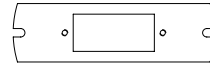
FPT4-CPA-4SYS



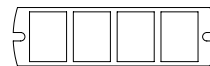
FPT4-CPA-3PAN**



FPT4-CPA-4KEY



FPT4-CPA-1MAAP

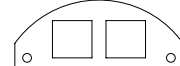


FPT4-CPA-4ORT

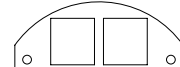


FPT4-CPA-BLANK

Compartment B Plates



FPT4-CPB-2SYS



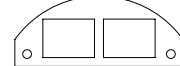
FPT4-CPB-2PAN**



FPT4-CPB-2KEY



FPT4-CPB-1MAAP

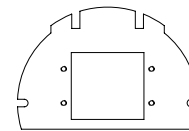


FPT4-CPB-2ORT



FPT4-CPB-BLANK

Compartment A-B Plate ***



FPT4-CPAB-2MAAP

Replacement Power Insert — 2 Receptacles

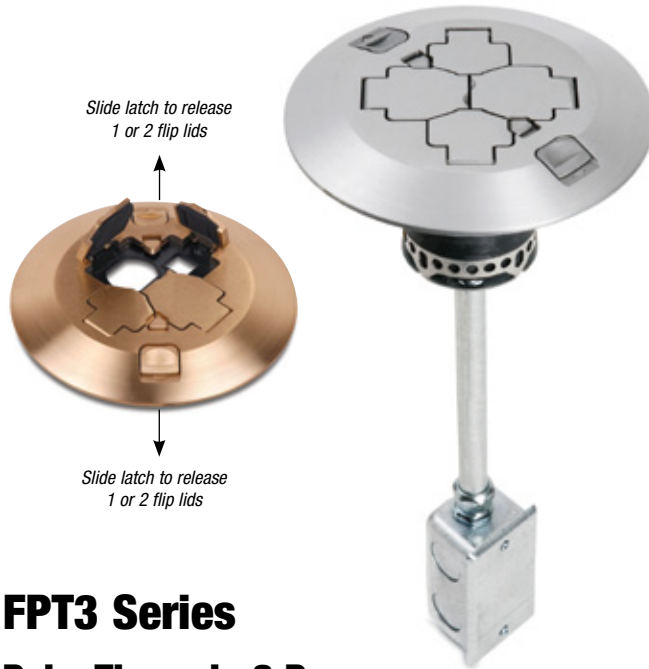
- For use with FPT4-4P-4C and FPT4-2P-6C Series Poke-Through Systems



CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-2P-RPL	Replacement Power Insert with 18" Wire Whip — Two 20A Receptacles	4



Poke Through Systems

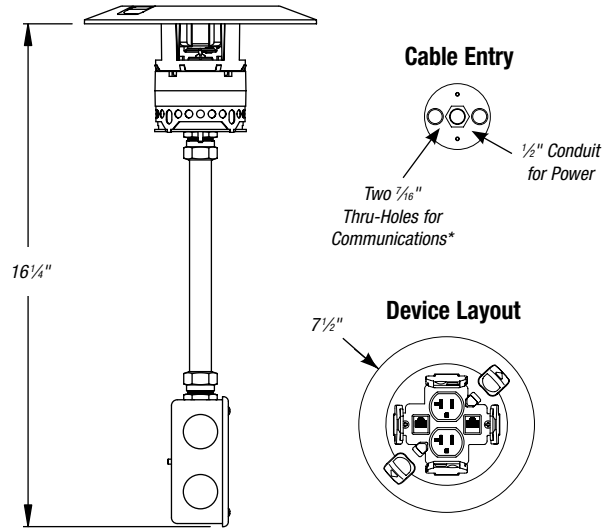


FPT3 Series

Poke Through: 2 Power and 2 Communications

This aesthetic, easy-to-use poke through provides an ideal power and data solution — great for new construction or upgrading existing 3" core installations.

- Capacity: 1 duplex receptacle and 2 data jacks (included)
- Core drill Size: 3"
- Durable solid brass or aluminum covers protect devices from damage and debris when not in use — no exposed plastic components
- Powder-coated aluminum covers are available in black, gray, brown and beige to match any décor — the most colors in the industry
- Brushed brass and aluminum finishes provide superior aesthetics
- Slide latches enable tool-less access to individual receptacles — eliminates the need for hard-to-use locking screws
- Accepts Keystone, Leviton® or Hubbell® data jacks
- Junction box features (3) ½" and (4) ¾" knockouts (13 cubic inch capacity)
- Includes (1) 20A duplex receptacle, pre-wired, pigtail ends in junction box
- Includes (2) Leviton® CAT5e data jacks



* If ½" EMT conduit stubs are required for communications cabling, use "City of Chicago" base unit, catalog # FPT3-2P-2C-C (see [page A-184](#)).



CAT. NO.	DESCRIPTION	STD. CTN.
FPT3-2P-2C-BRS	FPT3 Series Poke-Through Assembly: Base Unit with Brushed-Brass Cover	1
FPT3-2P-2C-ALM	FPT3 Series Poke-Through Assembly: Base Unit with Brushed-Aluminum Cover	1
FPT3-2P-2C-BLK	FPT3 Series Poke-Through Assembly: Base Unit with Black Powder-Coat Cover	1
FPT3-2P-2C	FPT3 Series Poke-Through Base Unit Only: Cover Purchased Separately (see below)	1



Poke Through Covers

CAT. NO.	DESCRIPTION	STD. CTN.
FPT3-CVR-BRS	Cover, FPT3 Series Poke Through — Solid Brass, Brushed Finish	4
FPT3-CVR-ALM	Cover, FPT3 Series Poke Through — Solid Aluminum, Brushed Finish	4
FPT3-CVR-BLK	Cover, FPT3 Series Poke Through — Aluminum with Black Powder-Coat Finish	4
FPT3-CVR-GRY	Cover, FPT3 Series Poke Through — Aluminum with Gray Powder-Coat Finish	4
FPT3-CVR-BGE	Cover, FPT3 Series Poke Through — Aluminum with Beige Powder-Coat Finish	4
FPT3-CVR-BRN	Cover, FPT3 Series Poke Through — Aluminum with Brown Powder-Coat Finish	4

See [page A-179](#) to view typical brushed metal and powder coat finishes.

Poke Through Systems

FPT Flush Series

The Steel City® FPT Poke Through Series provides an economical solution for installing a duplex receptacle in an existing floor — right where you need it.

- Capacity: 1 duplex receptacle
- Core drill size: 3"
- Brushed brass and aluminum covers provide superior aesthetics and durability
- Non-metallic covers are available in black, gray, beige and brown
- Non-metallic covers include openings for 3 communications cables
- Integral junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)
- Assembled units include (1) 20A duplex receptacle, pre-wired with pigtail ends in junction box

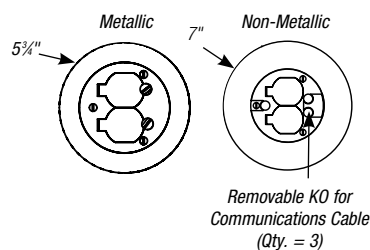


Poke Through: 2 Power

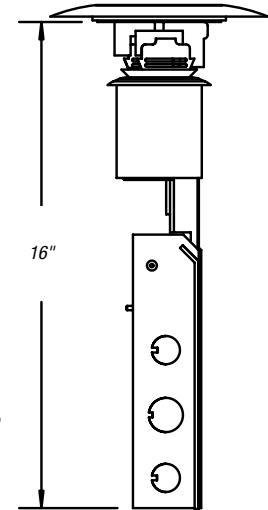
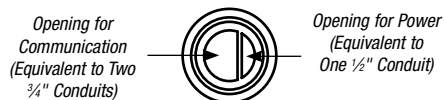


CAT. NO.	DESCRIPTION	STD. CTN.
FPT-449	FPT Flush Poke-Through Assembly: Base Unit with Solid-Brass Cover	1
FPT-450	FPT Flush Poke-Through Assembly: Base Unit with Solid-Aluminum Cover	1
FPT-445-SW-BLK	FPT Flush Poke-Through Assembly: Base Unit with Black Non-Metallic Cover	1
FPT-445-SW-GRY	FPT Flush Poke-Through Assembly: Base Unit with Gray Non-Metallic Cover	1
FPT-445-SW-BGE	FPT Flush Poke-Through Assembly: Base Unit with Beige Non-Metallic Cover	1
FPT-445-SW-BRN	FPT Flush Poke-Through Assembly: Base Unit with Brown Non-Metallic Cover	1
FPT-400B	FPT Poke-Through Base Unit Only (no duplex): Cover Purchased Separately	1

Device Layout



Cable Entry



Boxes & Covers — Steel City® Floor Boxes

Poke-Through Covers

- Non-metallic covers feature 3 openings for communications cables



CAT. NO.	DESCRIPTION	STD. CTN.
FPT-CACP	Solid Brass, Brushed Finish, 5 3/4" Diameter	10
FPT-CACP-AL	Solid Aluminum, Brushed Finish, 5 3/4" Diameter	10
FPT-441-SW-BLK	Black, Non-Metallic, 7" Diameter	10
FPT-441-SW-GRY	Gray, Non-Metallic, 7" Diameter	10
FPT-441-SW-BGE	Beige, Non-Metallic, 7" Diameter	10
FPT-441-SW-BRN	Brown, Non-Metallic, 7" Diameter	10

Brushed Metal Finishes



FPT-CACP



FPT-CACP-AL

Non-Metallic Colors and Finishes



FPT-441-SW-BLK



FPT-441-SW-GRY



FPT-441-SW-BGE



FPT-441-SW-BRN

Poke Through Systems

FFPT4 Series Poke Through

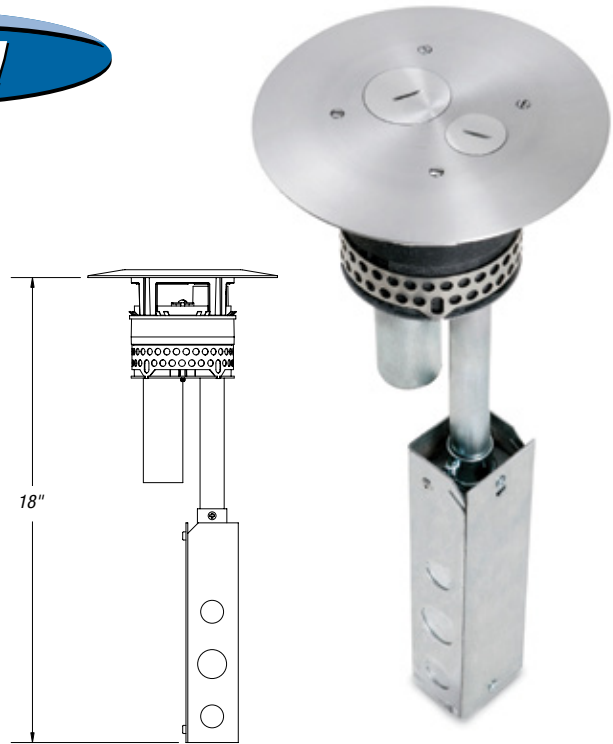


With limitations on the number of holes that can be drilled in a floor, it is important to maximize the capacity of each location. The FFPT4 Series provides high capacity for both power wiring and communications cabling when feeding modular furniture — in a single-core drill location!

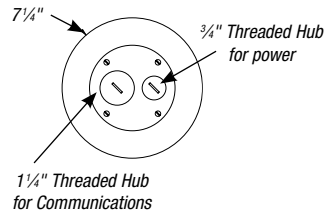
- Capacity: 3/4" hub for power wiring and 1 1/4" hub for communications cabling (plugs included)
- Core drill size: 4"
- Solid brass and aluminum finishes provide superior aesthetics and durability
- Powder-coated aluminum covers are available in black, gray, brown and beige to match any décor — the most colors in the industry
- Integral junction box features (5) 1/2" and (5) 3/4" knockouts (27 cubic inch capacity)



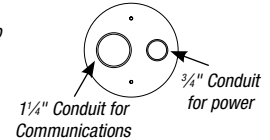
CAT. NO.	DESCRIPTION	STD. CTN.
FFPT4-BRS	FFPT4 Series Poke-Through Assembly: Base Unit with Brushed-Brass Cover	1
FFPT4-ALM	FFPT4 Series Poke-Through Assembly: Base Unit with Brushed-Aluminum Cover	1
FFPT4-BLK	FFPT4 Series Poke-Through Assembly: Base Unit with Black Powder-Coat Cover	1
FFPT4	FFPT4 Series Poke-Through Base Unit Only: Cover Purchased Separately (see page A-179)	1



Hub Layout — Cover



Cable Entry



Poke-Through Covers



CAT. NO.	DESCRIPTION	STD. CTN.
FFPT4-CVR-BRS	Solid Brass, Brushed Finish	4
FFPT4-CVR-ALM	Solid Aluminum, Brushed Finish	4
FFPT4-CVR-BLK	Aluminum with Black Powder-Coat Finish	4
FFPT4-CVR-GRY	Aluminum with Gray Powder-Coat Finish	4
FFPT4-CVR-BGE	Aluminum with Beige Powder-Coat Finish	4
FFPT4-CVR-BRN	Aluminum with Brown Powder-Coat Finish	4

See page A-179 to view typical brushed metal and powder coat colors and finishes.



Poke Through Systems

FFPT3 Series Poke Through

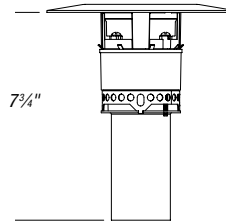


When feeding large bundles of communications cables through a fire-rated floor, the FFPT3 Series provides a high-capacity, straight-through wiring solution. It can also be used for power wiring.

- Capacity: Concentric 1¼" and 2" hub for power or communications wiring (plugs included)
- Core Drill Size: 3"
- Solid brass and aluminum finishes provide superior aesthetics and durability
- Powder-coated aluminum covers are available in black, gray, brown and beige to match any décor — the most colors in the industry
- Junction box not included

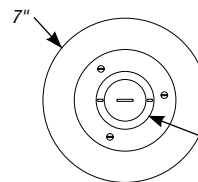


CAT. NO.	DESCRIPTION	STD. CTN.
FFPT3-BRS	FFPT3 Series Poke-Through Assembly: Base Unit with Brushed-Brass Cover	1
FFPT3-ALM	FFPT3 Series Poke-Through Assembly: Base Unit with Brushed-Aluminum Cover	1
FFPT3-BLK	FFPT3 Series Poke-Through Assembly: Base Unit with Black Powder-Coat Cover	1
FFPT3	FFPT3 Series Poke-Through Base Unit Only: Cover Purchased Separately (see Below)	1

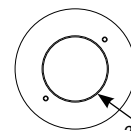


Hub Layout — Cover

Cable Entry



2" & 1¼"
Concentric
Threaded Hub



2" Conduit

Boxes & Covers — Steel City® Floor Boxes

Poke-Through Covers



CAT. NO.	DESCRIPTION	STD. CTN.
FFPT3-CVR-BRS	Solid Brass, Brushed Finish	4
FFPT3-CVR-ALM	Solid Aluminum, Brushed Finish	4
FFPT3-CVR-BLK	Aluminum with Black Powder-Coat Finish	4
FFPT3-CVR-GRY	Aluminum with Gray Powder-Coat Finish	4
FFPT3-CVR-BGE	Aluminum with Beige Powder-Coat Finish	4
FFPT3-CVR-BRN	Aluminum with Brown Powder-Coat Finish	4

See **page A-179** to view typical brushed metal and powder coat colors and finishes.

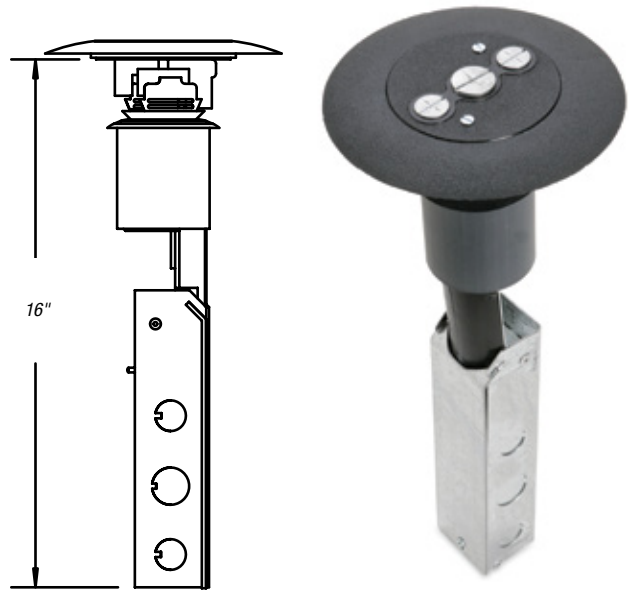


Poke Through Systems

FPT Furniture Feed Series

With three conduit hubs for power and communications and an integral junction box, the FPT Series provides a flexible, cost-effective furniture feed solution.

- Capacity: (2) ½" hubs and (1) ¾" hub for power and data (plugs included)
- Core drill size: 3"
- Non-metallic covers are available in black, gray, beige and brown
- Provided with Steel City® die cast fittings for flexible metal conduit: (2) ½" and (1) ¾"
- Integral junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)

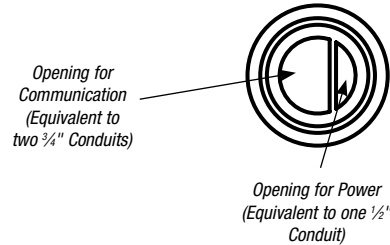


Poke Through



CAT. NO.	DESCRIPTION	STD. CTN.
FPT-448-SW-BLK	FPT Furniture Feed Poke-Through Assembly: Base Unit with Black Non-Metallic Cover	1
FPT-448-SW-GRY	FPT Furniture Feed Poke-Through Assembly: Base Unit with Gray Non-Metallic Cover	1
FPT-448-SW-BGE	FPT Furniture Feed Poke-Through Assembly: Base Unit with Beige Non-Metallic Cover	1
FPT-448-SW-BRN	FPT Furniture Feed Poke-Through Assembly: Base Unit with Brown Non-Metallic Cover	1
FPT-400B	FPT Poke-Through Base Unit Only: Cover Purchased Separately (see Below)	1

Cable Entry

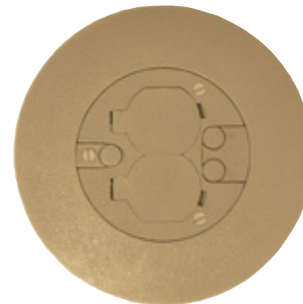


Poke-Through Covers

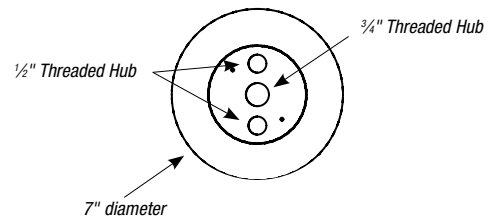


CAT. NO.	DESCRIPTION	STD. CTN.
FPT-442-SW-BLK	Black, Non-Metallic, 7" Diameter	10
FPT-442-SW-GRY	Gray, Non-Metallic, 7" Diameter	10
FPT-442-SW-BGE	Beige, Non-Metallic, 7" Diameter	10
FPT-442-SW-BRN	Brown, Non-Metallic, 7" Diameter	10

See page A-179 to view typical non-metallic cover colors and finishes.



Hub Layout — Cover

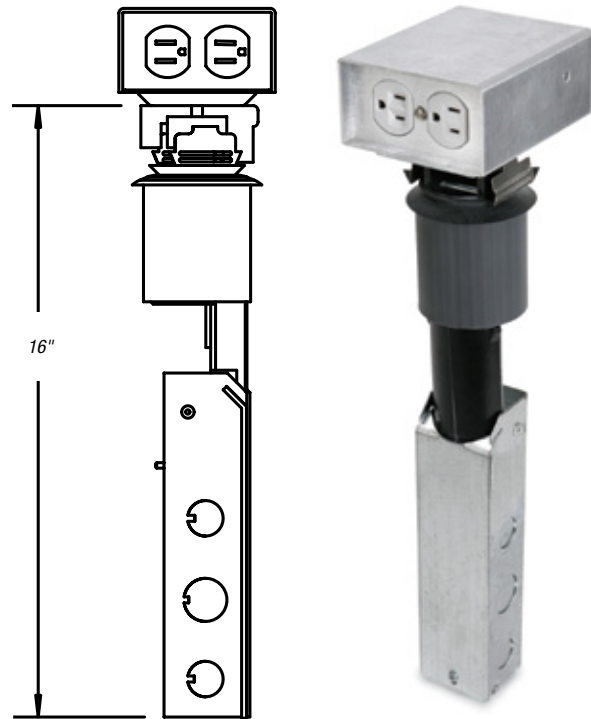


Poke Through Systems

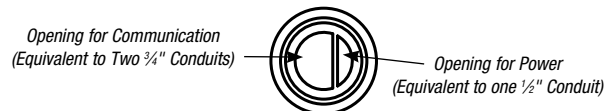
FPT Pedestal Series

By mounting all outlets above floor level and at a 90° angle to the floor, the FPT Pedestal Series protects power receptacles and communications devices from dirt and debris. An overhanging housing provides additional protection for the outlets.

- Pedestals available in 2 compartment and 4 compartment for power and communications applications
- Core drill size: 3"
- Housings and device plates feature a brushed-aluminum finish
- Integral junction box features (5) ½" and (5) ¾" knockouts (27 cubic inch capacity)



Cable Entry



Poke Through

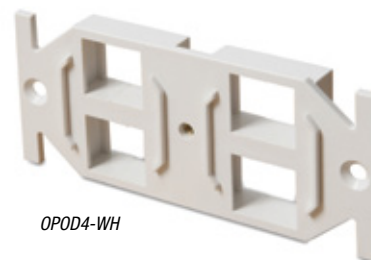


CAT. NO.	DESCRIPTION	STD. CTN.
FPT-401A	FPT Pedestal, Accepts 2 Device Plates, Poke-Through Base Unit Purchased Separately (2½" high x 4" wide x 4¾" deep)	10
FPT-421	FPT Pedestal, Accepts 4 Device Plates, Poke-Through Base Unit Purchased Separately, (2½" high x 4" wide x 4¾" deep)	5
FPT-400B	FPT Poke-Through Base Unit Only	1

Device Plates & Accessories



CAT. NO.	DESCRIPTION	STD. CTN.
FPT-424	Duplex Device Plate, Aluminum with Anodized Finish	50
FPT-425	Blank Device Plate, Aluminum with Anodized Finish	50
OPOD4-WH	4-Port "106" Duplex Adapter for Keystone Jacks (for use with FPT-424 plate)	100
FPT-408A	Voltage Divider for FPT-401A Pedestal	10
FPT-422A	Voltage Divider for FPT-421 Pedestal	10
FPT-416	Adapter for Conduit Stub Ups	50



Poke Through Systems

City of Chicago Approved Base Units

FPT4 Poke Through

- Covers purchased separately, see **page A-179**
- All base units include appropriate communications conduit hub
- All base units include appropriate Keystone Communications Device Plate and Category 5e Keystone Data Jacks, see **page A-140** for additional device plates
- Power junction box not included — use City of Chicago approved box
- See **page A-174** for additional details on FPT4 Series

NEW!



(Cover purchased separately)



CAT. NO.	DESCRIPTION	STD. CTN.
FPT4-4P-4C-C	FPT4 Poke-Through Base Unit Only, (4) 20A Power Receptacles, (4) Communications Devices	1
FPT4-2P-6C-C	FPT4 Poke-Through Base Unit Only, (2) 20A Power Receptacles, (6) Communications Devices	1
FPT4-8C-C	FPT4 Poke-Through Base Unit Only, (8) Communications Devices	1
FPT4-1TL21-2C-C	FPT4 Poke-Through Base Unit Only, 20A/125V Twist Lock Receptacle, NEMA L5-20R (2) Communications Devices	1
FPT4-1TL22-2C-C	FPT4 Poke-Through Base Unit Only, 20A/250V Twist Lock Receptacle, NEMA L6-20R (2) Communications Devices	1
FPT4-1TL31-2C-C	FPT4 Poke-Through Base Unit Only, 30A/125V Twist Lock Receptacle, NEMA L5-30R (2) Communications Devices	1
FPT4-1TL32-2C-C	FPT4 Poke-Through Base Unit Only, 30A/250V Twist Lock Receptacle, NEMA L6-30R (2) Communications Devices	1

FPT3 Poke Through

- Covers purchased separately, see **page A-179**
- Includes (1) 20A duplex receptacle, pre-wired
- Includes (2) CAT5e data jacks
- Power junction box not included — use City of Chicago approved box
- See **page A-178** for additional details on FPT3 Series



(Cover purchased separately)



CAT. NO.	DESCRIPTION	STD. CTN.
FPT3-2P-2C-C	FPT3 Poke-Through Base Unit Only, (1) 20A Duplex Receptacle, (2) Communications Devices	1

FFPT4 Poke Through

- Covers purchased separately, see **page A-180**
- Power junction box not included — use City of Chicago approved box
- See **page A-180** for additional details on FFPT4 Series



(Cover purchased separately)



CAT. NO.	DESCRIPTION	STD. CTN.
FFPT4-C	FFPT4 Poke-Through Base Unit Only	1

FFPT3 Poke Through

- Covers purchased separately, see **page A-181**
- Power junction box not included — use City of Chicago approved box
- See **page A-181** for additional details on FFPT3 Series



(Cover purchased separately)



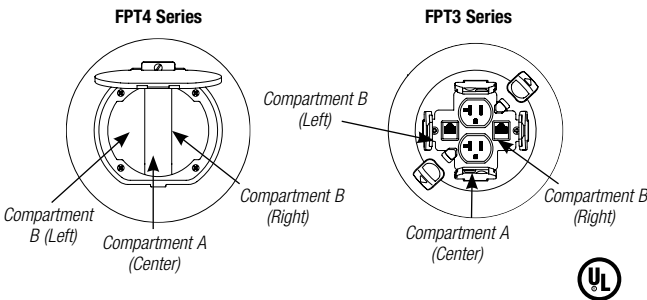
CAT. NO.	DESCRIPTION	STD. CTN.
FFPT3	FFPT3 Poke-Through Base Unit Only	1

Poke Through Systems

Flush Power and Communications Poke Through Systems

Fire Rating and Concrete Thickness Min./Max. (All Series)

- For use in 1-, 1½- and 2-hour rated floors
- 1-hour rated floor
 - 2¼" minimum concrete over steel decking
 - 3" minimum concrete for reinforced slab
 - 7½" maximum concrete thickness
- 2-hour rated floor
 - 3¼" minimum concrete over steel decking
 - 4" minimum concrete for reinforced slab
 - 7½" maximum concrete thickness



MAXIMUM ALLOWABLE COPPER CROSS-SECTIONAL AREA FOR COMMUNICATIONS CABLING

POKE-THROUGH SERIES	COMPARTMENT B (LEFT)	COMPARTMENT A (CENTER)	COMPARTMENT B (RIGHT)
FPT4-4P-4C	Power	.01630 sq. in.	Power
FPT4-2P-6C	Power	.01630 sq. in.	.01536 sq. in.
FPT4-8C	.01536 sq. in.	.01630 sq. in.	.01536 sq. in.
FPT4-1TL-2C	Power	Power	.01536 sq. in.
FPT3-2P-2C	.00321 sq. in.	Power	.00321 sq. in.

CROSS-SECTIONAL AREA FOR COMMON COPPER CONDUCTORS

24 AWG	.00032 sq.in.
22 AWG	.00050 sq. in.
14 AWG	.00323 sq. in.
12 AWG	.00512 sq. in.
10 AWG	.00615 sq. in.
8 AWG	.01296 sq. in.

Solid or stranded wires.

RPT Series

The RPT Series has been superseded by the FPT4 Series:

RPT SERIES	FPT4 SERIES
RPT-4P-2RJ	FPT4-4P-4C
RPT-2P-4RJ	FPT4-2P-6C
RPT-6RJ	FPT4-8C

Maximum Allowable Copper Cross-Sectional Area for Communications Cabling — Furniture Feed Poke-Through Systems.

- FFPT4 Series:
 - ¾" Hub for Power: .08192 sq. in.
 - 1¼" Hub for Communications: .07168 sq. in.
- FFPT3 Series:
 - 2" Hub for Power or Communications: .1024 sq. in.

Materials:

- FPT4 Series:
 - Covers: Solid brass or aluminum
 - Conduit Hubs: Cast iron
 - Base: Die-cast zinc, galvanized steel & intumescent fire-stop material
 - Junction box: Galvanized steel
- FPT3 Series:
 - Covers: Solid brass or aluminum
 - Base: Die-cast zinc, galvanized steel & intumescent fire-stop material
 - Junction box: Galvanized steel
- FPT Flush/Furniture Feed/Pedestal Series:
 - Covers: Solid brass or aluminum, non-metallic — polycarbonate
 - Base: Phenolic, galvanized steel & intumescent fire-stop material
 - Junction box: Galvanized steel
- FFPT4 Series:
 - Covers: Solid brass or aluminum
 - Base: Die-cast zinc, galvanized steel & intumescent fire-stop material
 - Junction box: Galvanized steel
- FFPT3 Series:
 - Covers: Solid brass or aluminum
 - Base: Die-cast zinc, galvanized steel & intumescent fire-stop material

Installation Spacing:

- Minimum of 2-ft. on center
- Not more than one poke through per 65 sq. ft. of floor area in each span

Access Floor Modules



Steel City® Access Floor Modules from Thomas & Betts eliminate the clutter of power, voice and data lines by keeping everything out of sight but conveniently close at hand. Our easy-to-install Access Floor Modules are designed to blend with any decor, while providing the durability and versatility you need to meet the growing demands of today's high-tech offices.

You can use our Access Floor Modules with virtually any type of raised floor. Our system is designed to provide a simple, strong and adaptable solution to even the most demanding wire-management needs.

Range of Box Sizes Designed to Meet the Needs of any Application. Now and Later.

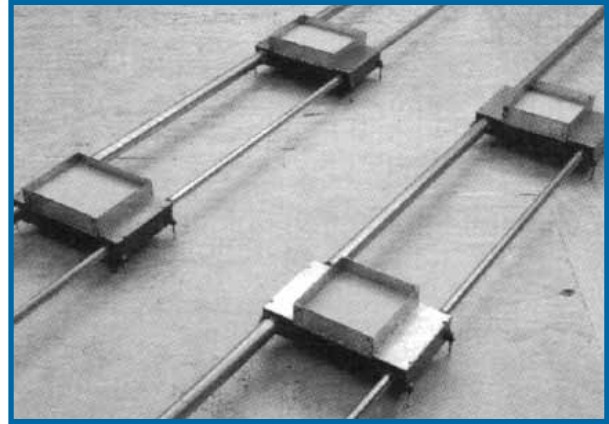
With five sizes to choose from, our Access Floor Modules handle a broad range of wiring needs, from single power lines to complex data and voice systems. In fact, our largest unit offers 325 cu. in. of space, making it the roomiest in the industry. And, because our modules are easy to install and relocate, you can easily change box sizes or reposition modules as office configurations change.

New, Low-Profile Box Fits Right In with Shallower Raised Floors.

For installations where shallower raised floors are needed, Thomas & Betts has developed a low-profile Access Floor Module to provide the same accessibility and convenience where space is at a premium. Just 2½-inches deep, it can still accommodate a variety of power, voice and data connections.

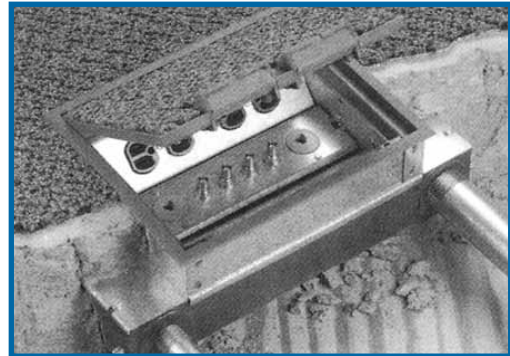
Wide Variety of Interchangeable Power and Data Panels Adapt to Changing Demands.

Our extensive line of panels and connection devices maximizes the versatility of our Access Floor Modules. All our panels are designed to be easy to connect, disconnect and rearrange to reduce on-site installation time. And Thomas & Betts is continually developing new configurations to meet the requirements of virtually any installation, especially for the fast-growing needs of voice and data communication.



Durable, Solid Steel Covers Support Heavy Loads to Protect Important Connections.

We've reinforced the resilient nylon covers of our modules with a 5/32" steel plate to prevent buckling under heavy furniture and equipment. The beveled sides enable quick and unobstructed installation in the raised floor.



In addition, our retractable exit not only helps prevent tripping, but protects cable connections by sealing out dust and debris. And, as with all Thomas & Betts products, our Access Floor Modules are constructed to meet your high standards for durability, safety and reliability.

Steel City® Access Floor Modules Provide Outstanding Performance Without Standing Out.

The hinged service top on our modules sits flush with the floor and provides complete access to the connections within. The nylon frame comes in gray, brown, beige and black.





Our Access Floor Modules keep wire connections close at hand but not under foot. The widest variety of box sizes, panels and devices in the industry provides exceptional versatility for changing office needs.

Look below the surface and see how Steel City® Access Floor Modules can manage all your power, voice and data connections — today and tomorrow.

Access Floor Modules

AFM-2 Series Access Floor Module — Non-Metallic Covers



AFM PANELS	POWER	
AFM-2-BLK GRY BRN BGE	 AFP-2A* Single Duplex	 AFP-2B Blank
DATA PANEL	ACCESSORIES	
 AFD-2 3RJ 3 T&B Omnijacks or Keystone-Style Jacks	AFT-2 Power Tunnel	

* (1) supplied with box.

** Used to correct opening in floor. Not required for all installations.

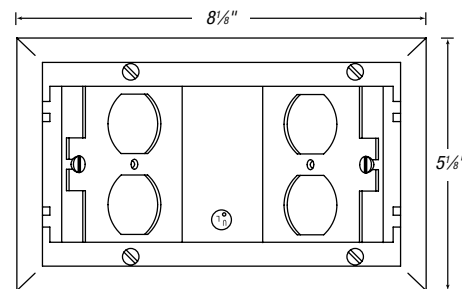
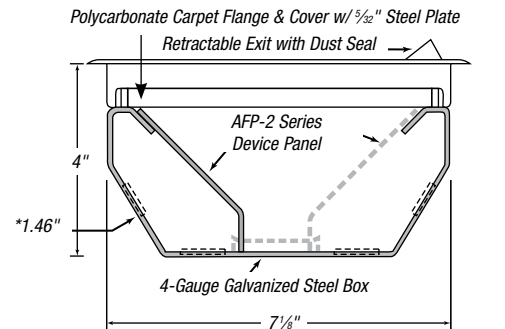
ACCESS FLOOR MODULE SIZE	AFM-2
AFM depth	4"
Access floor cut-out	7 $\frac{1}{8}$ " x 4 $\frac{1}{8}$ "
AFM cover size	6 $\frac{3}{4}$ " x 3 $\frac{3}{8}$ "
AFM cover access area	17 sq. in.
Box volume (less panels)	75 cu in.
Device compartment volume — 45° Power	16.2 cu in.
Base opening	—
Power panel included**	AFP-2A
Closure panel included	—
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	2

* Special panels available — consult factory.

** Devices not included.

Available with black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.

Replacement covers: see 664 series covers on **page A-131**.

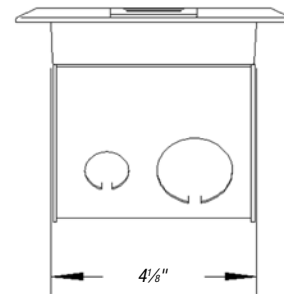
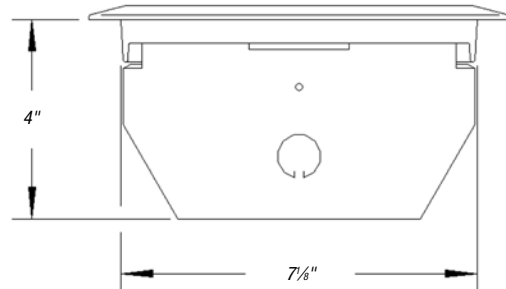
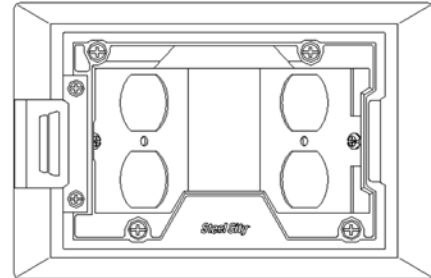


AFM-2

Shown with supplied power panel and optional panel (sold separately).

Access Floor Modules

AFM-2 Series Access Floor Module — Metallic Covers



AFM-2 Access Floor Module

ACCESS FLOOR MODULE SIZE	AFM-2
AFM depth	4"
Access floor cut-out	7 1/8" x 4 1/8"
AFM cover size	6 3/4" x 3 3/8"
AFM cover access area	17 sq. in.
Box volume (less panels)	75 cu in.
Device compartment volume	16.2 cu in.
Base opening	—
Power panel included**	AFP-2A
Closure panel included	—
Cover/carpet flange material	Brass, Aluminum
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	2

* Special panels available — consult factory.

** See **previous page** for device plates and accessories.

Replacement covers: see 664 Series covers on **page A-131**.

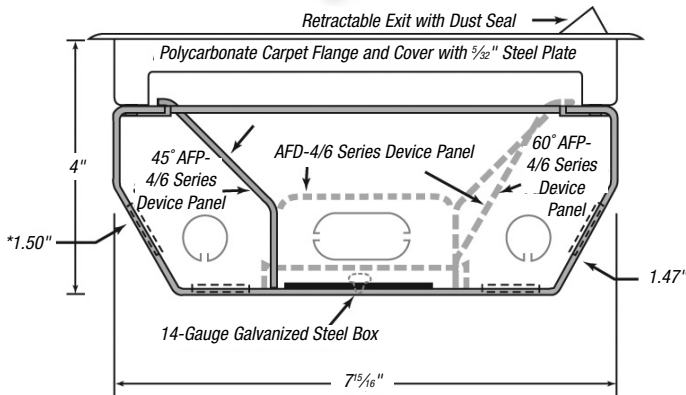
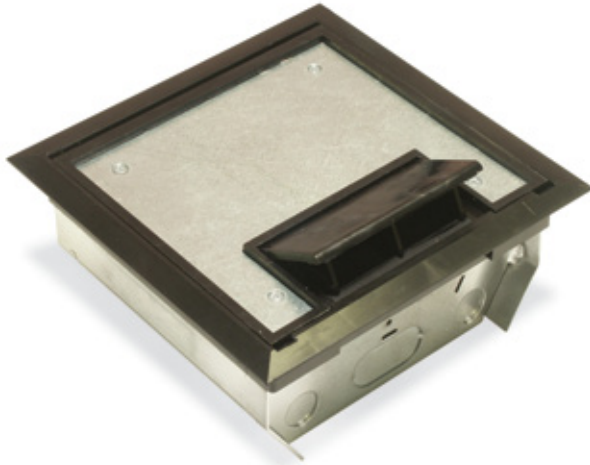
AFM-2 Series Raised Floor Boxes

CAT. NO.	DESCRIPTION	STD. CTN.
AFM-2-BRS	AFM-2 Raised Floor Box, 2 Compartment, Solid Brass Cover	1
AFM-2-ALM	AFM-2 Raised Floor Box, 2 Compartment, Solid Aluminum Cover	1

For additional device plate options see **previous page**.

Access Floor Modules

AFM-4 Series Access Floor Module — Non-Metallic Covers



ACCESS FLOOR MODULE SIZE		AFM-4
AFM Depth		4"
Access floor cut-out		7 1/16" x 7 1/16"
AFM cover size		7 7/8" x 7 7/8"
AFM cover access area		39 sq. in.
Box volume (less panels)		150 cu. in.
Device compartment volume	45° power	27.3 cu. in.
	60° power	25.2 cu. in.
	Center data	20.6 cu. in.
Base opening		2" x 2 1/8"
Power panel included**		AFP-4A
Closure panel included		AFC-C
Cover/carpet flange material		Polycarbonate
Body material		14-ga. galvanized steel
Prewiring available		Yes*
Max. no. of device panels		3

* Special panels available — consult factory.

** Devices not included.

Available with black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.

Replacement covers: see 665 Series covers on page A-135.

POWER PANELS

AFM-4-BLK GRY BRN BGE	AFP-4A* Single Duplex-45°	AFP-4A60 Single Duplex-60°	AFP-4GFCL Single GFCL-60°
	AFP-4B Blank-45°	AFP-4B60 Blank-60°	AFP-4-GFCL-45 Single GFCL-45°

* (1) supplied with box.

** Used to correct opening in floor. Not required for all installations.

DATA PANELS

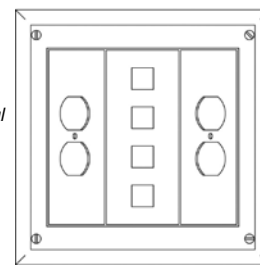
ACCESSORIES

AFD-4A Single Duplex Data	AFD-4B Blank	AFT-46 Power Tunnel	AFT-4 Mounting Flange
AFD-4 4RJ Keystone Style Jacks	AFC-N Grommets Closure Panel	AFM-4EX Extension Collar	

* (1) supplied with box.

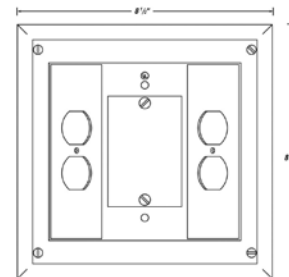
** Used to correct opening in floor. Not required for all installations.

Shown with Supplied Power Panel and Optional Data Panel and 45° Power Panel (sold separately).



45° Angle Plates

Shown with Optional 60° Panels (sold separately).



60° Angle Plates

Access Floor Modules

AFM-4 Series Access Floor Module — Metallic Covers



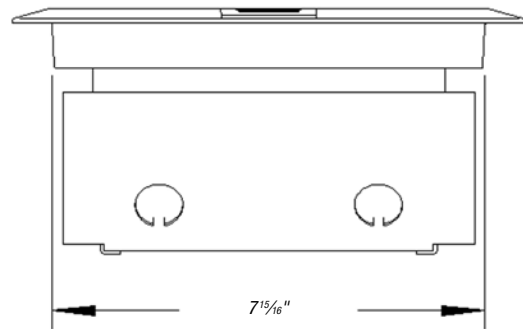
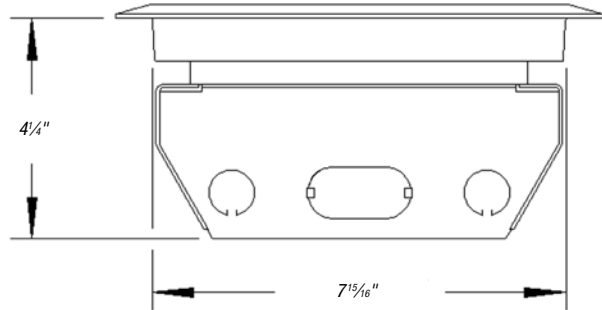
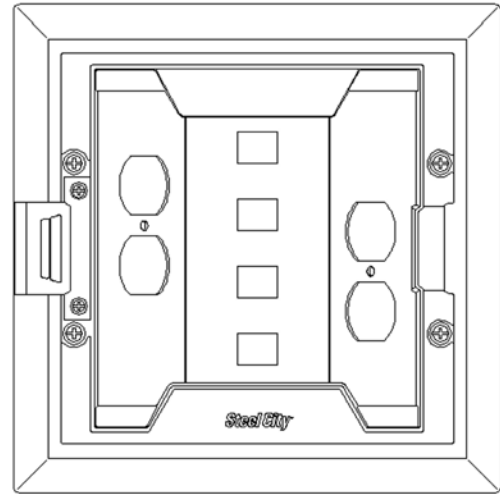
ACCESS FLOOR MODULE SIZE	AFM-4
AFM Depth	4"
Access floor cut-out	7 ¹⁵ / ₁₆ " x 7 ¹⁵ / ₁₆ "
AFM cover size	7 ⁷ / ₈ " x 7 ⁷ / ₈ "
AFM cover access area	39 sq. in.
Box volume (less panels)	150 cu in.
Device compartment volume	27.3 cu in. 25.2 cu in. 20.6 cu in.
Base opening	2" x 2 ⁷ / ₈ "
Power panel included**	AFP-4A
Closure panel included	AFC-C
Cover/carpet flange material	Brass, Aluminum
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	3

* Special panels available — consult factory.

** Devices not included.

See **previous page** for device plates and accessories.

Replacement covers: see 665 Series covers on **page A-135**.

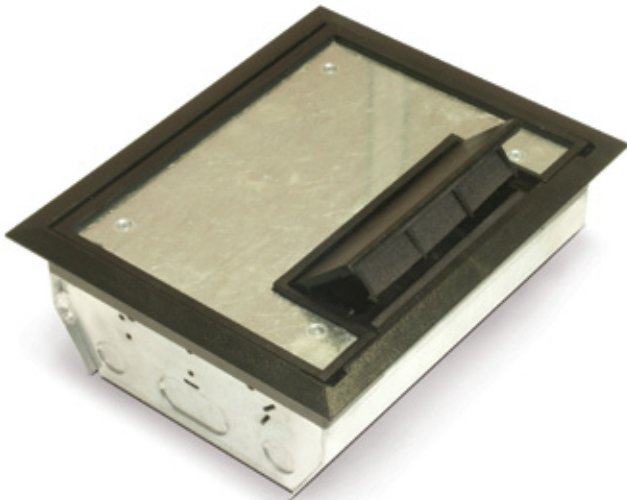


AFM-4 Series Raised Floor Boxes

CAT. NO.	DESCRIPTION	STD. CTN.
AFM-4-BRS	AFM-4 Raised Floor Box, 3 Compartment, Solid Brass Cover	1
AFM-4-BRS-R	AFM-4 Raised Floor Box, 3 Compartment, Solid Brass Cover with Recess	1
AFM-4-ALM	AFM-4 Raised Floor Box, 3 Compartment, Solid Aluminum Cover	1
AFM-4-ALM-R	AFM-4 Raised Floor Box, 3 Compartment, Solid Aluminum Cover with Recess	1

Access Floor Modules

AFM-6 Series Access Floor Module



ACCESS FLOOR MODULE SIZE	AFM-6
AFM Depth	4
Access floor cut-out	7 ¹⁵ / ₁₆ " x 10"
AFM cover size	7 ⁷ / ₈ " x 9 ³ / ₄ "
AFM cover access area	60 sq. in.
Box volume (less panels)	225 cu. in.
Device compartment volume	45° power 41.5 cu. in. 60° power 38.3 cu. in. Center data 31.3 cu. in.
Base opening	2" x 2 ⁷ / ₈ "
Power panel included**	AFP-6Q
Closure panel included	AFC-C
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	3

* Special panels available — consult factory.

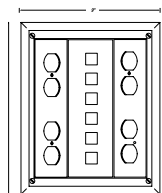
* Devices not included.

Available with black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.

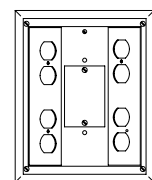
Replacement cover: AFM-6-CST-SW black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.



45° Angle Plates
Shown with Supplied
Power Panel and Optional
Data Panel and 45° Power
Panel (sold separately).



60° Angle Plates
Shown with Optional
60° Panels
(sold separately).

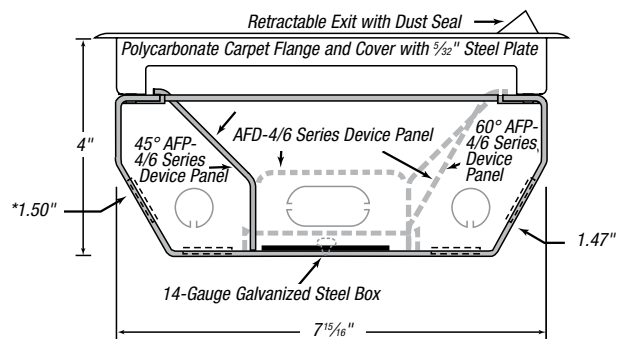


AFM	POWER PANELS		
AFM-6-BLK GRY BRN BGE			
	AFP-6Q* Double Duplex-45°	AFP-6B Single Duplex-60°	AFP-6A Single Duplex-45°
	AFP-6B60 Blank-45°	AFP-6R60 Double Duplex-60°	AFP-6-GFCI-45 Single GFCI-60°
	AFP-6A60 Single Duplex-60°	AFP-6-GFCI-45 Double GFCI-60°	

DATA PANELS		ACCESSORIES	
AFD-4A Double Duplex Data	AFD-6B Blank	AFT-46 Power Tunnel	AFR-6 Mounting Flange
AFD-6 4RJ T&B Omni jacks or Keystone style jacks	AFD-6A Single Duplex	AFC-N Grommets Closure Panel	AFM-6EX Extension Collar

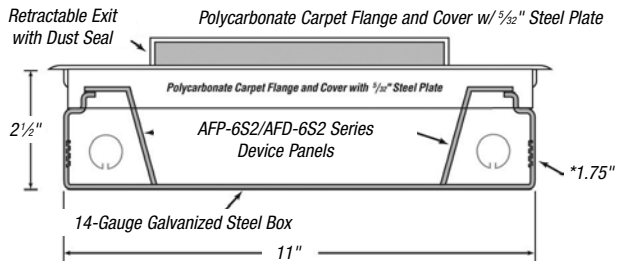
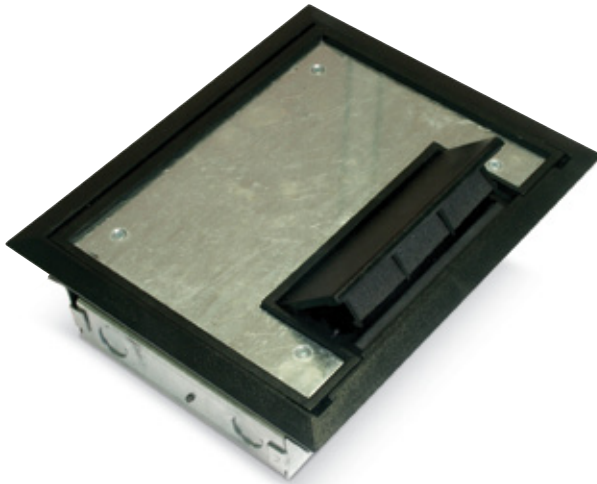
* (1) supplied with box.

** Used to correct opening in floor. Not required for all installations.



Access Floor Modules

AFM-6S2 Series Access Floor Module



ACCESS FLOOR MODULE SIZE	AFM-6S
AFM depth	2 1/2"
Access floor cut-out	7 15/16" x 10"
AFM cover size	7 3/4" x 9 3/4"
AFM cover access area	60 sq. in.
Box volume (less panels)	172 cu. in.
Device compartment volume	Power 13.1 cu. in. Data 6.6 cu. in.
Base opening	—
Power panel included**	AFP-6S2-L, AFP-6S2-R
Wire tunnel included	—
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	4

* Special panels available — consult factory.

** Devices not included.

Available with black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.

Replacement cover: AFM-6-CST-SW black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.



File No. E2969



File No. L12798

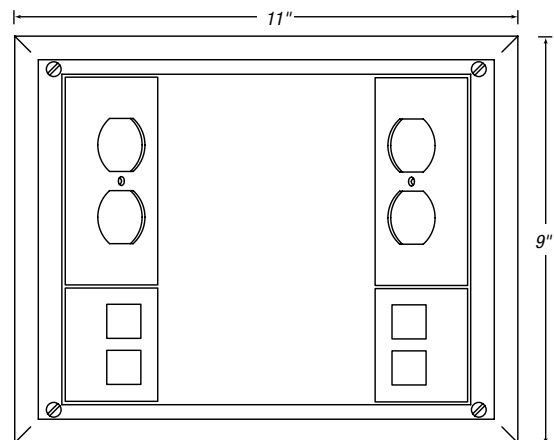
AFM	POWER PANELS	
AFM-6S-BLK GRY BRN BGE	<p>AFP-6S2-R (-L) Single Duplex (R-right side; L-Left Side)</p>	<p>AFP-6S2-GR (-GL) Single GFCI</p>
	<p>AFP-6S2-BR (-BL) Blank</p>	

DATA PANELS	ACCESSORIES
<p>AFD-6S2-2RJ T&B Omni jacks or Keystone style jacks</p>	<p>AFR-6** Mounting Flange</p>
<p>AFD-6S2-B Blank</p>	

* (1) AFP-6S2-R & (1) AFP-6S2-L supplied with box.

** Used to correct opening in floor. Not required for all installations.

Replacement cover: AFM-6-CST-SW black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.

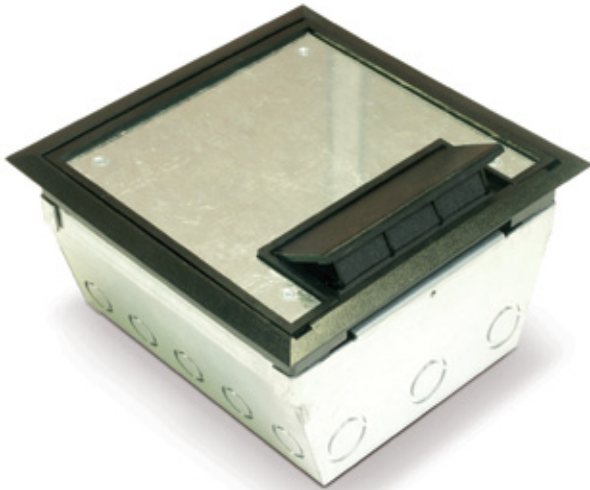


AFM-6S2

Shown with supplied power panels and optional data panels (sold separately).

Access Floor Modules

AFM-8 Series Access Floor Module








ACCESS FLOOR MODULE SIZE	AFM-6
AFM Depth	5 5/8"
Access floor cut-out	9 5/8" x 9 5/8"
AFM cover size	9 5/8" x 9 5/8"
AFM cover access area	74 sq. in.
Box volume (less panels)	325 cu in.
Device compartment volume	45° power 60° power Power or Data
	15.75 cu in.
Base opening	—
Power panel included**	—
Closure panel included	—
Cover/carpet flange material	Polycarbonate
Body material	14-ga. galvanized steel
Prewiring available	Yes*
Max. no. of device panels	10

* Special panels available — consult factory.

Available with black (-BLK), brown (-BRN), beige (-BGE) or gray (-GRY) cover flange.

Replacement covers: see 667 Series covers on **page A-139**.

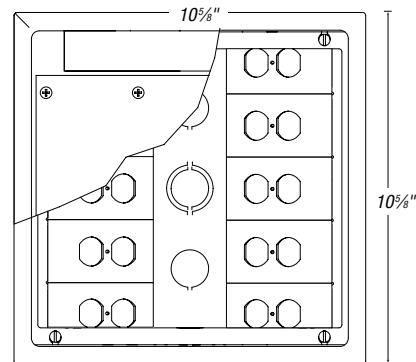
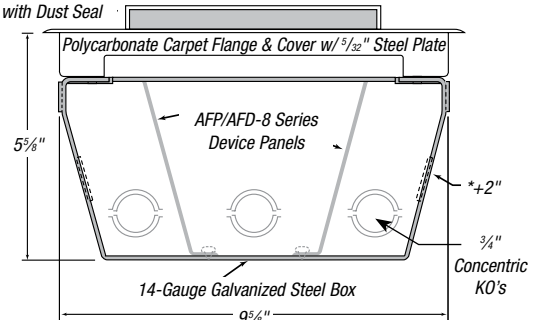


AFM	POWER PANELS	
AFM-8-BLK GRY BRN BGE	 <p>AFP-8A Single Duplex</p>	 <p>AFP-8G* Single GFCI</p>
	 <p>AFP-8B Blank</p>	
	DATA PANELS	ACCESSORIES
 <p>AFD-8-3RJ Keystone</p>	 <p>AFR-8** Mounting Flange</p>	

* Power panels include a voltage partition for use between power and data panels.

** Used to correct opening in floor. Not required for all installations.

Retractable Exit
with Dust Seal



AFM-8

Shown with Optional Power Panels (sold separately).

Accepts 10 device panels.

Each compartment can accept voltage dividers for any combination of power and data (included with device panels).

Access Floor Modules

Because a Square Peg Doesn't Fit in a Round Hole!

AFM-4R Series Access Floor Module

In response to industry demand for a more symmetrical approach to raised-floor power and data access, Thomas & Betts introduces the latest addition to the Steel City® Access Floor Module (AFM) line. The AFM-4R features a round construction that matches the aesthetics of air diffusers commonly used in raised-floor applications.

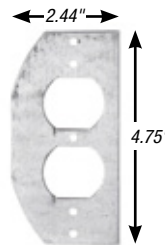
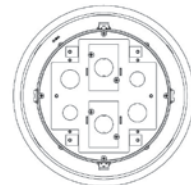
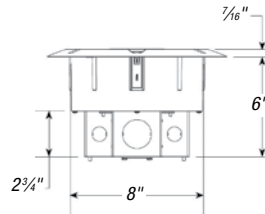
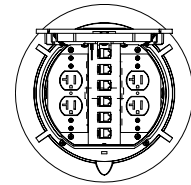
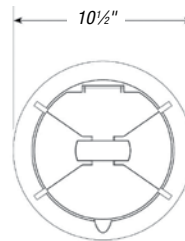
- Round design enables the box to be installed in the same size hole as standard air diffusers — eliminates the need for multiple raised-floor tiles with custom-sized cutouts (and round holes are faster and easier to cut than square/rectangular ones)
- Three-compartment stamped-steel box with voltage dividers accommodates both power and data outlets
- Durable black polycarbonate cover features two cable-entry lids that lock in the open position to prevent cable damage
- Optional power tunnel links outside power compartments to feed both compartments with a single conduit — while still allowing for communications wiring in the center
- Two thumbscrews secure AFM-4R firmly in place, but remove easily for reconfiguration
- Fits into holes ranging from 8¼" to 8¾" in diameter
- Outside compartments: 21 cu. in. capacity, ¾" KO on side, ½" KO on each end, ½" KO and ¾" KO on bottom
- Center compartment: 40 cu. in. capacity, 1¼" KO on each end, two removable access plates with ¾" KO on bottom



AFM-4R-BLK



Air Diffuser



AFP-4R-A



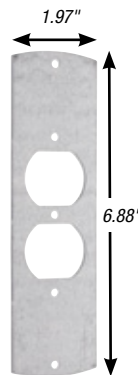
AFP-4R-GFCI



AFP-4R-B



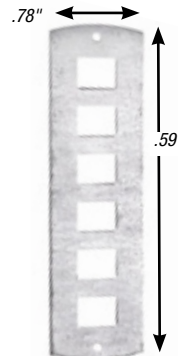
CAT. NO.	DESCRIPTION	STD. CTN.
Access Floor Module		
AFM-4R-BLK	Three Compartment Round Access Floor Module with Black Cover, (1) AFP-4R-A Duplex Panel	1
Panels for Outside Compartments		
AFP-4R-A	Duplex Panel for Outside Compartment	1
AFP-4R-GFCI	GFCI Panel for Outside Compartment	1
AFP-4R-B	Blank Panel for Outside Compartment	1
Panels for Center Compartment		
AFD-4R-A	Duplex Panel for Center Compartment	1
AFD-4R-GFCI	GFCI Panel for Center Compartment	1
AFD-4R-GRJ	Data Panel for 6 Keystone Jacks for Center Compartment	1
AFD-4R-B	Blank Panel for Center Compartment	1
Accessories/Replacement Parts		
AFT-2	Optional Power Tunnel to Link Outside Compartments	1
AFM-4R-CST-BLK	Replacement Cover and Mounting Ring, Black	1



AFD-4R-A



AFD-4R-GFCI



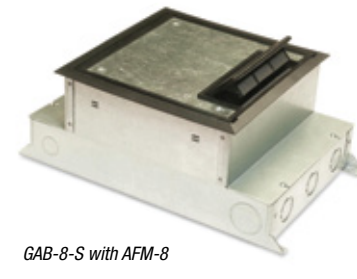
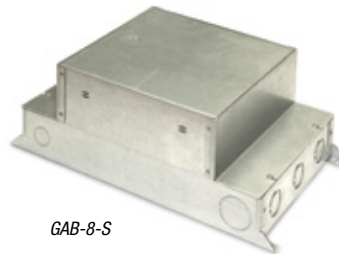
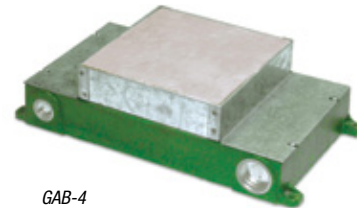
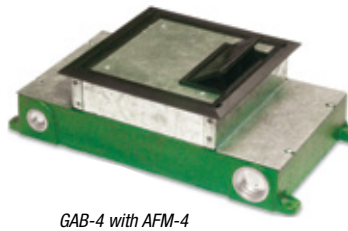
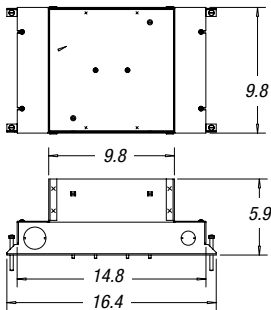
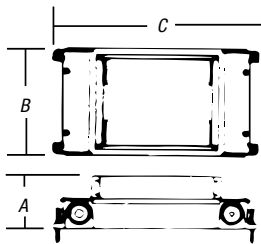
AFD-4R-GRJ



AFD-4R-B

Access Floor Modules

Concrete Inserts



CAT. NO.	DIMENSIONS (IN.)			MAXIMUM CAPACITY (CU. IN.)	STANDARD CONDUIT TAPPING	MAXIMUM CONDUIT TAPPING	AFM INSERT	STD. CTN.
	A	B	C					
GAB-4	4¼	9	16	150	2-¾" 2-1¼"	1½"	AFM-4	1
GAB-6	4¼	9	16	225	2-¾" 2-1¼"	1½"	AFM-6	1
GAB-8-S	5½	9¼	16¾	325	2-¾" 2-1¼"	—	AFM-8	1

*Required for installation in concrete pours only.

For use with the AFM insert. The GAB cast Pre-Set includes center collar and styrene insert to prevent concrete ingress. Standard conduit hubs are ¾" and 1¼". Specify either -4 or -6.



1-800-453-1692

www.aboveboardelectronics.com

Access Floor Modules

Standard Specification — GAB Series Access Floor Box Pre-Set Insert

Considerations when writing specification:

The installation of access floor box pre-set inserts must be in compliance with the National Electrical Code®. These specifications may be used in three sections of the Construction Specification Institute (C.S.I.) format: 16132 Floor Boxes; 16141 Wiring Devices; and 16741 Telephone Raceway Systems. For accuracy, 16132 is preferred.

Part 2: Products

2.01 Pre-Set Insert

- A. Shall be GAB Multiple Service Floor Outlet Assembly as manufactured by Thomas & Betts, Memphis, TN, (trade name, Steel City) consisting of:
 1. Pre-set insert, Series GAB.
 2. Activating unit, Series AFM-4 and AFM-6.
- B. Call for approved suppliers of power and cable systems.

2.02 Materials

- A. Cast-iron components to be gray iron per ASTM Specification A48, Class 20A.
- B. Cast-iron components shall be protected with a painted coating as specified in UL 514A.
- C. Steel components to be fabricated from cold rolled steel, .070 inch minimum thickness, conforming to ASTM A366.
- D. Steel components to have an electrogalvanized zinc finish conforming to ASTM A386. Sheet metal steel fabrications shall be made of UL approved component G-90-U material.
- E. Non-metallic components shall be glass-filled polyamide nylon, UL recognized component QMFZ2.

2.03 General Design Gab Series

- A. The GAB series shall consist of pre-set insert, activation unit and cover for the distribution of electrical power and data/communication signal systems.

2.03.1 Pre-Set Insert

- A. Following sizes as shown on the drawings:
 1. 8" x 8" nominal concrete opening (Ref.: Steel City GAB-4).
 2. 8" x 10" nominal concrete opening (Ref.: Steel City GAB-6).
- B. Overall size: 8" x 14" x 4³/₁₆" high.
- C. Shall be installed with conduit sizes as shown on the drawings.

(Note: Standard 3/4" conduit thread on power side, in and out. Standard 1/4" conduit thread on data side, in and out. Special drilling and tapping up to 1 1/2" conduit size. Reducing bushings may be used to downsize conduit.)

- D. Conduits for power shall enter and leave in-line and on same side so as to maintain separation of services.
- E. Foam blocks shall exclude concrete from the interior.
 1. Foam blocks shall permit a minimum of 1/4" of concrete over opening prior to activation.
 2. Foam blocks shall be manufactured for the intended purpose.

2.03.2 Activation Unit

- A. Following sizes shall match pre-set insert opening as shown on drawings:
 1. 8" x 8" nominal size steel box (Ref.: Steel City AFM-4). Provides a minimum interior capacity of 150 cubic inches.
 2. 8" x 10" nominal size steel box (Ref.: Steel City AFM-6). Provides a minimum interior capacity of 225 cubic inches.
- B. Device panels may be data or telephone as shown on drawings.
- C. If two duplex power receptacles are required on a single panel, the pre-set insert and activation unit shall be Steel City GAB-6 and AFM-6 respectively.
- D. Data panels shall be designed to mount the data connectors and telephone connectors as shown on the drawings.
- E. Cover shall be (gray, brown, black or beige) as specified on the drawings.
 1. Shall accept floor covering material as required.
 2. Shall be self-leveling when installed.
- F. Cover, when closed, shall protect exiting cables and cords from abuse and abrasion by retractable cable exits. Cover shall install flush with floor and be 180° reversible.
- G. Carpet edge shall be protected from fraying by a carpet trim ring of a matching color.

Part 3: Execution

3.01 General

- A. All pre-set inserts shown on the drawings shall be installed with the specified runs of conduit.
- B. Wire-pulling cords shall be in place in the conduit prior to pouring concrete.
- C. Activate only the pre-set inserts as directed by the supervising engineer or owner.
- D. Install and activate the assembly as directed by the manufacturer's installation instructions.

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Carlton®

**Carlton®
Floor Boxes**

In this section...



Carlton® Floor Boxes

Residential Floor Boxes — Adjust-A-Box®	A-198-A-199
Residential Floor Boxes — Drop In	A-200-A-202
Rectangular Floor Boxes	A-203-A-205
Round Floor Boxes	A-206-A-208
Recessed Pop-Up Receptacle	A-209
Retractable Work Surface Receptacle	A-210



Thomas & Betts

www.tnb.com

Residential Floor Boxes — Adjust-A-Box®

Adjust-A-Box® 1- and 2-Gang Adjustable Residential Floor Boxes

Carlton® Adjust-A-Box® Floor Boxes make installing floor outlets fast and easy by providing maximum installation flexibility. The box features an adjustment screw designed to adjust the box from 0" to 1¼" by simply turning the screw clockwise or counterclockwise, providing a flushmount every time.

Covers are available in three types: non-metallic, brass and stainless steel. They feature two hinged doors to protect unused devices and to keep out dust and scrubwater. Because the doors are attached, they won't get lost or misplaced while the outlet is in use.

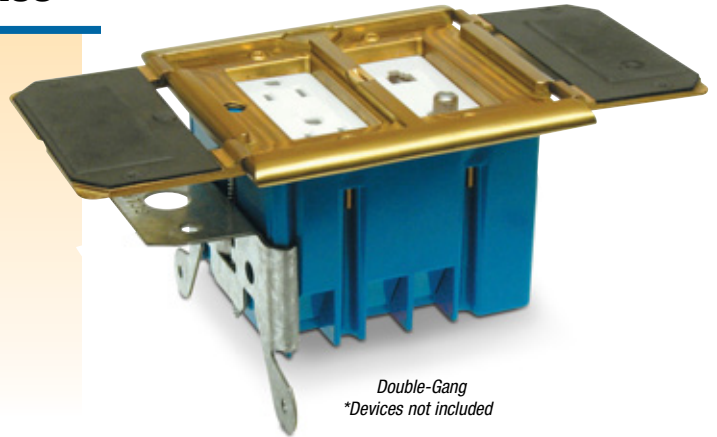
The Adjust-A-Box® is available in two sizes, single-gang and double-gang. The single-gang box has a 20 cubic inch capacity and includes a duplex receptacle, and the double-gang box has a 34 cubic inch capacity, and comes with a divider for dual-voltage capabilities.

Carlton® Adjust-A-Box® Residential Floor Boxes are ideal for residential and home office applications and provide a clean, aesthetically pleasing floor outlet anywhere you need it.

Features:

- Listed floor boxes in accordance to section 314.27(B) of the NEC®
- Adjustment screw adjusts depth (from 0" to 1¼")
- Cover options include: non-metallic, brass and stainless-steel covers
- Covers have two (non-removable) hinged doors
- Solid brushed-brass and stainless-steel covers with a light lacquer finish for extra protection
- Non-metallic covers are available in white and ivory (single-gang box only)
- Two-gang version features dual-service capabilities (requires use of dual-service divider)
- Integral cable clamps
- Ideal for new work and retrofit applications
- UL® Listed
- UL® scrubwater tested

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Double-Gang
*Devices not included



Single-Gang

Residential Floor Boxes — Adjust-A-Box®

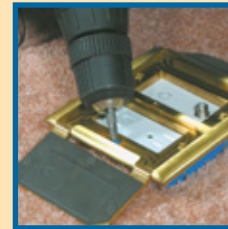
Adjust-A-Box® Installation 1- and 2-Gang



1 Install clip over subfloor.



2 Screw in to adjust to height of flooring or carpet.



3 Beautiful flush fit every time!

Kits include:

Single-Gang

Ivory/White Cover:

- Two (2) 6-32 x 1 flat head machine screws
- Four (4) #6 1¼ self-tapping flat head screws
- Two (2) #6 1½ drywall screws
- One (1) cover plug
- One (1) New Work Bracket
- One (1) Old Work Bracket
- One (1) 20 cubic in. UL Listed Floor Box
- One (1) UL Listed Floor Cover
- One (1) short shank receptacle (tamper proof)
- One (1) tube Dow Corning #4 sealant
- Installation instructions

Brass & Stainless Steel Covers:

- Two (2) 6-32 x 1 plated flat head machine screws
- Four (4) #6 1¼ self-tapping flat head screws
- Two (2) #6 1½ drywall screws
- One (1) New Work Bracket
- One (1) Old Work Bracket
- One (1) 20 cubic in. UL Listed Floor Box
- One (1) UL Listed Floor Cover
- One (1) short shank receptacle
- Green ground wire
- Installation instructions

Double-Gang

- One (1) New Work Bracket
- One (1) Old Work Bracket
- One (1) 34 cubic in. UL Listed Floor Box
- One (1) Dual-Voltage Divider
- One (1) UL Listed Floor Cover
- Four (4) #6-32 x 1" flat head machine screws
- Four (4) #6 x 1¼" flat head self-tapping screws
- Two (2) #6 x 1½" square drive trim head screws
- Green ground wire
- Installation instructions



*Devices not included



E11461

CAT. NO.	SIZE	COVER	CUBIC IN.	STD. CTN.	STD. WT. (LBS.)
Non-Metallic					
B121BFRW	One-Gang	White	20	8	7.1
B121BFBR	One-Gang	Ivory	20	8	6.9
Brass					
B121BFBB	One-Gang	Brass	20	8	15.0
B234BFBB	Two-Gang	Brass	34	4	10.7
Stainless Steel					
B121BFSS	One-Gang	Stainless Steel	20	8	13.7
B234BFSS	Two-Gang	Stainless Steel	34	4	9.8

Residential Floor Boxes — Drop In

Carlton® Structured Cable Management Systems... Your Total Systems Solution!

Low-Voltage Adjustable Floor Bracket with Cover

The Carlton® Low-Voltage Adjustable Floor Bracket is specifically designed for the low-voltage, structured cabling market...the floor bracket is industry-standard orange to identify low-voltage applications, the open design provides the space needed for low-voltage bend-radius requirements and the Leviton QuickPort® Quad 106® Insert provides up to four low-voltage outlet ports. The Carlton® Low-Voltage Adjustable Floor Bracket is ideal for any residential or commercial low-voltage application.

The floor bracket also features a unique screw design, enabling it to be adjusted to most finished floor heights by simply turning the screw clockwise or counterclockwise and adjusting flush to the floor.

The floor bracket kit comes complete with a non-metallic (white or ivory) or brass cover, a Leviton QuickPort® Quad 106® Insert, new work and old work metal mounting brackets and mounting screws.



- White, ivory or brass cover
- Orange — identifies low-voltage installations
- Open design floor bracket — accommodates low-voltage bend-radius requirements
- Adjustable screw — bracket adjusts to most finished floor depths
- Leviton QuickPort® Quad 106® insert — install up to 4 low-voltage inserts
- Two-door design
- cUL–US Listed

Installation



Install clip over subfloor.



Screw in to adjust to height of flooring or carpet.



Beautiful flush fit every time!



CAT. NO.	COVER	STD. CTN.	STD. WT. (LBS.)
SC100FBWC	Non-Metallic — White	8	5.62
SC100FBVC	Non-Metallic — Ivory	8	5.62
SC100FBBC	Brass	8	13.78

Residential Floor Boxes — Drop In

Drop-In Floor Box

The Carlton® Drop-In Floor Box with Brass Cover combines many of the same features of our existing Floor Box line with the strength, durability and style necessary to accommodate today's residential electrical/telecommunication needs.

The Carlton® Drop-In Floor Box is the fastest, easiest way for contractors to put a floor socket anywhere they need it! It's designed to accommodate high- and low-voltage applications and comes complete with everything needed for installation — floor box, brass cover, hole saw, wired receptacle, two-hole low-voltage plate, blank plate, mounting screws and wire nuts.

Note: The Drop-In Floor Box is available with or without a hole saw.



Boxes & Covers — Carlton® Floor Boxes

Features:

- Single hole installation
- Fast, easy installation
- Cover options include: Brass and Aluminum
- Accommodates high- and low-voltage applications
- Includes single-gang grounded receptacle, low-voltage telephone/cable plate (data jacks not included) and blank plate for custom installations
- Tamper-resistant receptacle
- Available with or without a hole saw
- 11.8 inch cubic capacity
- For wood floor installations
- Ideal for residential and home offices
- Eliminates the need for extension cords
- Superior aesthetics — ideal for home offices and entertainment rooms
- cUL–US Listed floor box in accordance with section 314.27(B) of the NEC®
- 2.25" installation hole diameter

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Residential Floor Boxes — Drop In

Drop-In Floor Box Installation:

NOTE: TURN POWER OFF BEFORE INSTALLATION.



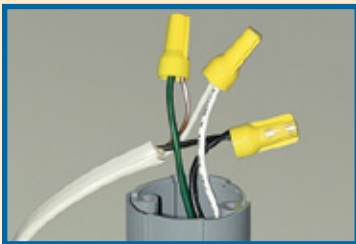
1 Cut 2½" hole through carpeting before using hole saw.



2 Drill hole in floor using hole saw.



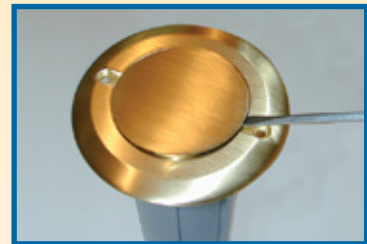
3 Pull romex through floor.



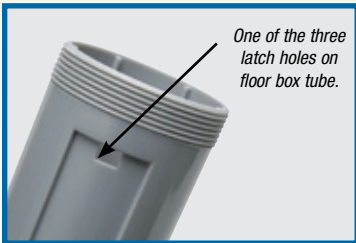
4 Connect receptacle wires to romex. Be sure to match wire color(s).



5 Secure wire clamp on bottom of tube.



6 Brass cover snaps into place. Use a small screwdriver to pry open brass cover to plug in appliance.

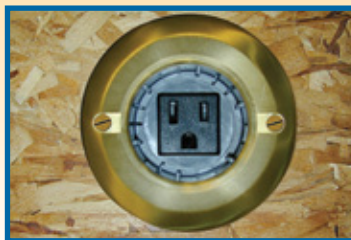
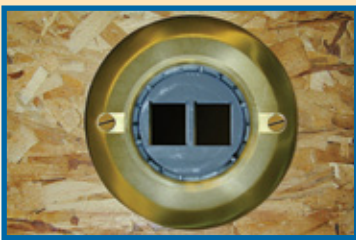


7 Align the three latches on the low-voltage plate with the three latch holes in the round floor box tube.



8 Remove receptacle by pressing three tabs located on side of tube. Remove receptacle by pressing three tabs located on side of tube.

Installed:



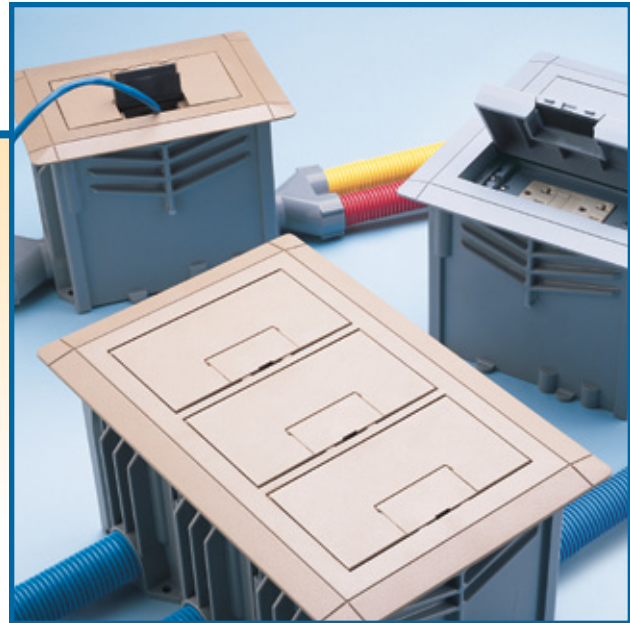
CAT. NO.	COVER	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
E971FBDI-2	Brass	Drop-In Floor Box with Hole Saw	5	6.5
E971FBDIB-2	Brass	Drop-In Floor Box without Hole Saw	20	17.6
E971FADI-2	Aluminum	Drop-In Floor Box with Hole Saw	5	5.1
E971FADIB-2	Aluminum	Drop-In Floor Box without Hole Saw	20	12.0

Rectangular Floor Boxes

1-, 2- and 3-Gang Rectangular Floor Box

Carlton® Rectangular Floor Box Systems — three-way power, data and communications plus easy double- or triple-gang, too.

Compared to metal boxes, Carlton® rectangular floor boxes cost less and install faster to save you money on every job. Three-in-one power, data and communications capability cuts installation time and cost even more, while simple two- and three-gang modularity gives you the flexibility, installation ease and cost-savings no other non-metallic boxes can match. The covers attach without the use of fasteners, providing a professional, clean installation as well as preserving the aesthetic life of the product. Take a closer look at all that our rectangular floor box systems offer you.



Features:

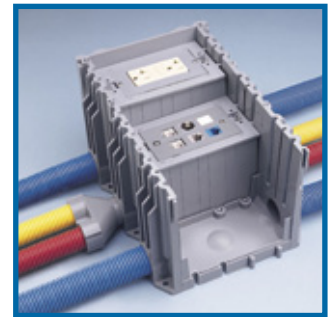
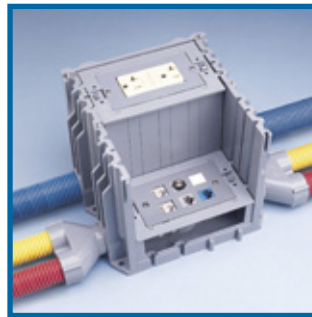
- Covers require no adjusting collar — two screws ensure a flush, secure installation
- Non-metallic PVC construction, watertight gasket and corrosion-resistant hardware ensure long life and reliable performance, even in harsh and/or corrosive environments
- One consistent box depth simplifies ordering time and reduces inventory
- Saves time and money on installations with simple saw cut to floor level
- Concrete tight and suitable for any on-grade/ below-grade application; concrete or wood subfloor construction approved
- Convenient cubic inch capacity markings on inside enable easy inspection
- PVC-molded ports and reducer plugs included
- Accepts 1/2", 3/4" and 1" conduit, tubing or raceway
- Rectangular sides are drillable
- For tile and carpet applications
- Cover options include solid brass, stainless steel and non-metallic (brown, slate and caramel)
- UL® scrubwater tested, approved for all types of finish flooring

Rectangular Floor Boxes

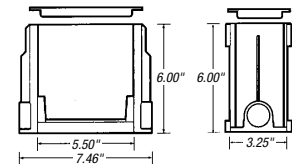
Gangable Rectangular Floor Box

Installation:

With our rectangular boxes, one SKU is all you ever need. Simply remove appropriate sides and slide boxes together to create two- or three-gang boxes for on-the-job flexibility no competitor offers.



CAT. NO.	MATERIAL	SIZE	INTERNAL VOLUME (CU. IN.)	MIN. CONCRETE DEPTH	HUBS (IN.)	REDUCER PLUGS (IN.)	STD. CTN.	STD. WT. (LBS.)
E976RFB	PVC	1-Gang	97.4 (16.8 per inch of depth)	3½	(2) 1	(2) 1 x ¾ (2) ¾ x ½	3	6.92



Activation Kit

Activation kit provides components to accommodate all standard power, data and communications devices, plus a divider to separate power from data and communications — all in a single SKU. Device yokes can be adjusted to store excess cord in the box.

CAT. NO.	MATERIAL	STD. CTN.	STD. WT. (LBS.)
E976AK2	PVC	3	2.47



Rectangular Floor Boxes

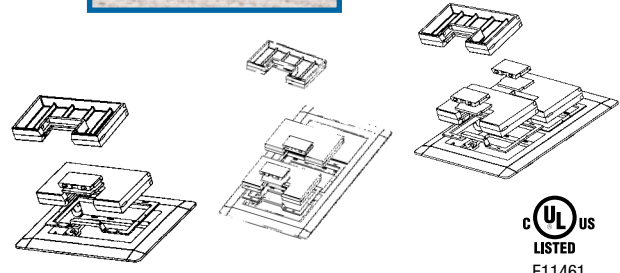
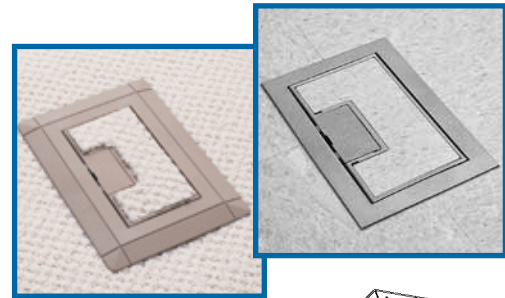
1-, 2- and 3-Gang Non-Metallic Floor Box Covers

On-the-job flexibility extends to our rectangular box covers. Each one-, two- or three-gang cover is suitable for any wiring application and can be used with any floor surface. Non-metallic covers are even field-reversible for tile or carpet. Double-door feature enables easy access to the device and helps keep stray cords organized.

Carlton® Rectangular Floor Box Covers do not require a separate carpet flange. The carpet flange is part of the cover and may be removed for tile application.

Features:

- High-impact resistant thermoplastic
- Field reversible for tile or carpet
- Gasketed for a watertight seal
- Double-door design
- For tile and carpet applications
- UL scrubwater tested



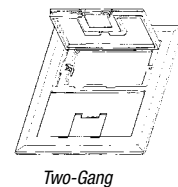
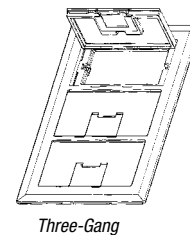
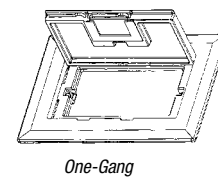
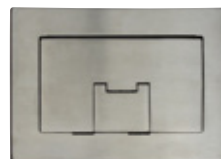
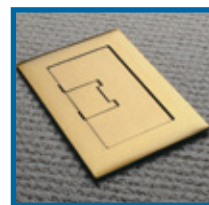
CAT. NO.	SIZE	COLOR	CARPET FLANGE	DIMENSIONS (W X L) (IN.)	STD. CTN.	STD. WT. (LBS.)
E9761B	One-Gang	Brown	Included	7.13 x 5.00	3	1.7
E9762B	Two-Gang	Brown	Included	7.13 x 8.25	9	8.5
E9763B	Three-Gang	Brown	Included	7.13 x 11.50	6	7.5
E9761C	One-Gang	Caramel	Included	7.13 x 5.00	3	1.7
E9762C	Two-Gang	Caramel	Included	7.13 x 8.25	9	8.5
E9763C	Three-Gang	Caramel	Included	7.13 x 11.50	6	7.5
E9761S	One-Gang	Slate	Included	7.13 x 5.00	3	1.7
E9762S	Two-Gang	Slate	Included	7.13 x 8.25	9	8.5
E9763S	Three-Gang	Slate	Included	7.13 x 11.50	6	7.5

1-, 2- and 3-Gang Solid Brass and Stainless Steel Floor Box Covers

Carlton® Brass and Stainless Steel Rectangular Floor Box Covers add a classic touch to all floor box installations, and are particularly suited for use in high-traffic areas because of the resistance to wear. The gasket gives a watertight seal, and the light lacquer finish provides extra protection.

Features:

- Rugged construction
- Coated with a light lacquer finish for extra protection
- Covers include a cord door
- Gasketed for watertight applications
- Accepts single, duplex, GFCI and low-voltage receptacles
- For tile and carpet applications
- UL scrubwater tested



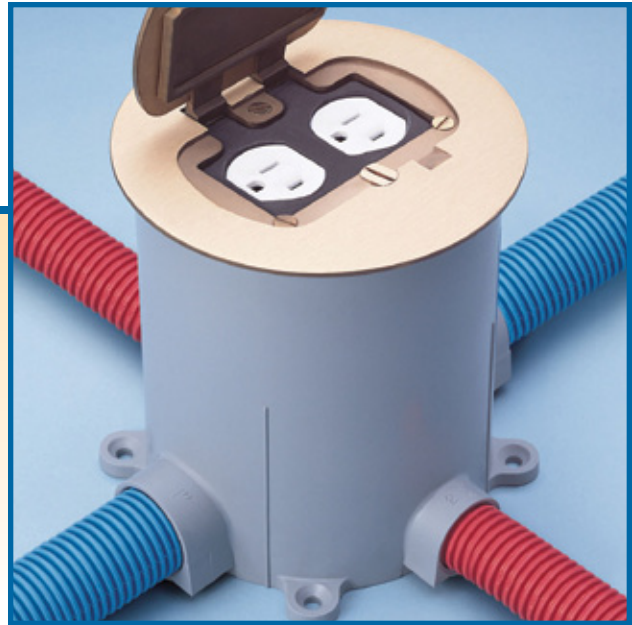
CAT. NO.	SIZE	COLOR	STD. CTN.	STD. WT. (LBS.)
E9761BR	One-Gang	Brass	3	6.8
E9762BR	Two-Gang	Brass	3	9.9
E9763BR	Three-Gang	Brass	3	12.1
E9761SS	One-Gang	Stainless Steel	3	7.4
E9762SS	Two-Gang	Stainless Steel	3	11.6
E9763SS	Three-Gang	Stainless Steel	3	17.2
Rectangular Floor Box Activation Kit				
E976AK2	—	—	3	1.3

Round Floor Boxes

Three-way versatility for power, data and communications.

Carlton® Round Floor Box Systems

Carlton® round floor boxes give you the same cost-saving advantages over metal boxes as our rectangular boxes. By combining power, data and communications in the same box, you can dramatically reduce your installation time and cost compared to other non-metallic boxes. In addition, multi-use covers mean fewer SKUs to deal with and greater jobsite flexibility to increase your savings further. Take a closer look at all their advantages.



Features:

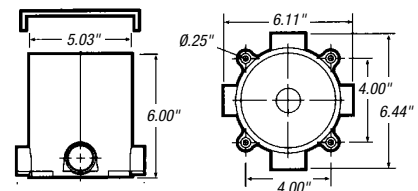
- Non-metallic PVC construction, watertight gasket and corrosion-resistant hardware ensure long life and reliable performance, even in harsh and/or corrosive environments
- Covers are available for a variety of applications
- The same box depth simplifies ordering and reduces inventory
- For tile and carpet applications
- Cover options include: Brass, Stainless Steel and Non-Metallic (Ivory, Caramel, Taupe, Slate and Brown)
- Concrete tight and suitable for any on-grade/below-grade application; concrete or wood floor construction approved
- Y-connector (E972Y) enables you to feed parallel runs of 3/4" conduit or to feed in/out from the same side for increased wiring flexibility and faster installation
- PVC-molded ports and reducer plugs included
- Accepts 1/2", 3/4" and 1" conduit, tubing or raceway
- UL scrubwater tested, approved for all types of finish flooring

Round Floor Box

Carlton® Round Floor Boxes enable various thicknesses of concrete pours. Trim out is easy — just use a handsaw to cut off box at desired height to accommodate carpet, tile or other flooring. Carlton® leveling ring guarantees a level top every time, even if the box is tipped slightly during the pouring process.



CAT. NO.	INTERNAL VOLUME (CU. IN.)	MIN. CONCRETE DEPTH (IN.)	HUBS (IN.)	REDUCER PLUGS (IN.)	STD. CTN.	STD. WT. (LBS.)
E971FB	90.0 (15.5 per inch of depth)	3½	(2) 1 and (2) ¾	(2) 1 x ¾ and (2) ¾ x ½	10	15.6



Round Floor Boxes

Accessories

Multi-Service Divider Kit

The Multi-Service Divider Kit for separate power, data and communications compartments provides unbeatable flexibility and money-saving installation speed.

For use with non-metallic boxes only.



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
E973K	10	3

3/4" Y Fitting

The 3/4" Y Fitting provides for in-and-out service from a single 1" port, and provides two 3/4" parallel conduit runs to adapt into a single-conduit body port.



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
E972Y	10	2.1

Reducer Plugs



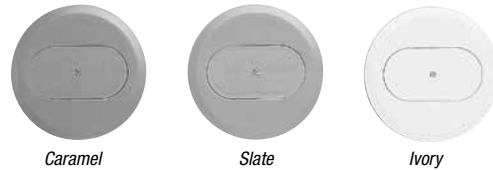
CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E971C	3/4 x 1/2	100	2.1
E971D	1 x 3/4	100	3.2

Non-Metallic Covers for Round Floor Boxes



Features:

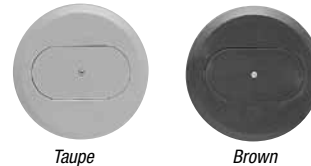
- High impact-resistant thermoplastic
- Compatible with standard NEMA Duplex and 1 1/4" NPS receptacles
- Drill points (3/8") provided for low-voltage cable pass throughs
- 1 1/4" NPS plugs may be modified to accept smaller fittings (3/8", 1/2" and 3/4")
- For tile and carpet applications
- UL scrubwater tested, approved for all types of finish flooring



Caramel

Slate

Ivory



Taupe

Brown



Duplex Covers

CAT. NO.	COLOR	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
E97DSI	Ivory	Duplex Cover	10	5.2
E97DSC	Caramel	Duplex Cover	10	5.7
E97DST	Taupe	Duplex Cover	10	5.7
E97DSS	Slate	Duplex Cover	10	5.6
E97DSB	Brown	Duplex Cover	10	5.8

1 1/4" NPS Covers

CAT. NO.	COLOR	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
E97SSRB	Brown	NPS Cover	10	3.8
E97SSRC	Caramel	NPS Cover	10	3.8
E97SSRS	Slate	NPS Cover	10	3.8

Clear Cover Carpet Ring

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E97CCR	Clear	10	1.2

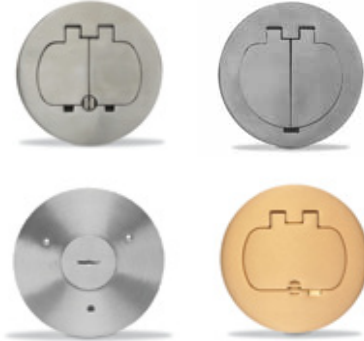
Round Floor Boxes

Brass and Stainless Steel Covers for Round Floor Boxes



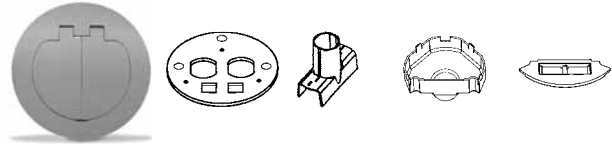
Features:

- Screws concealed under doors
- Rugged construction
- Coated with a light lacquer finish for extra protection
- Resistance to wear — suited for high-traffic areas
- Gasketed for watertight applications
- Available in four styles — Single Door, Two Door, NPS Opening and Two-Door Dual Service
- For tile and carpet applications
- UL scrubwater tested



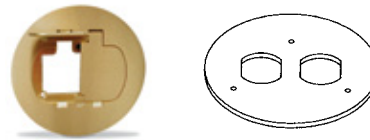
Two-Door Dual Service (Divider Kit included)

CAT. NO.	COVER	DEVICES	STD. CTN.	STD. WT. (LBS.)
E97BR2D	Brass	Duplex and Two Data Ports	5	9.2
E97SS2D	Stainless Steel	Duplex and Two Data Ports	5	9.1



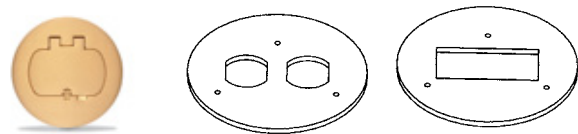
Two Door

CAT. NO.	COVER	DEVICES	STD. CTN.	STD. WT. (LBS.)
E97BR2	Brass	Duplex	5	7
E97SS2	Stainless Steel	Duplex	5	7.7



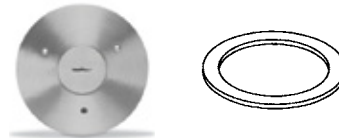
Single Door

CAT. NO.	COVER	DEVICES	STD. CTN.	STD. WT. (LBS.)
E97BR	Brass	GFCI and Duplex	5	7
E97SS	Stainless Steel	GFCI and Duplex	5	7.9



NPS Opening

CAT. NO.	COVER	DEVICES	STD. CTN.	STD. WT. (LBS.)
E97BRG	Brass	1 1/4" Outlet and Single Receptacle	5	7.5
E97SSG	Stainless Steel	1 1/4" Outlet and Single Receptacle	5	8.1



Metal Cover Adapter Ring

CAT. NO.	DEVICES	STD. CTN.	STD. WT. (LBS.)
E97ABR2	One-Piece Metal Cover Adapter	5	9.2

Note: Carlton® metal cover adapter ring (E97ABR2) is required with these covers (sold separately).



Recessed Pop-Up Receptacle

Concealed receptacle provides a safe and aesthetic solution for countertop power.

NEW!

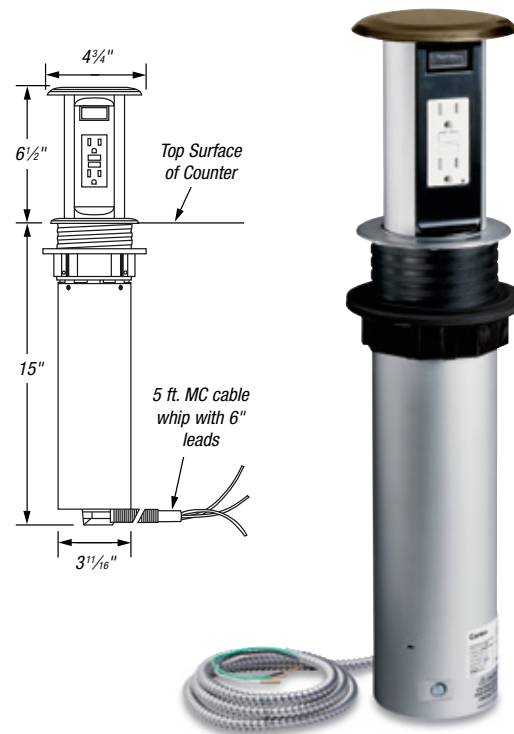
Recessed Pop-Up Receptacle

Now you can provide power for small appliances on kitchen island counter tops safely and conveniently with the new Carlton® Recessed Pop-Up Receptacle. When not in use, the receptacle remains concealed beneath the counter, showing only a stylish nickel, bronze or brass cover. Simply press down slightly on the cover to release the latch, and the Recessed Pop-Up Receptacle rises, revealing a duplex GFCI outlet. The Pop-Up Receptacle can also be mounted in bath counters or other work surfaces.

In addition to promoting safety by eliminating hanging power cords and providing a tamper-resistant GFCI receptacle, the Recessed Pop-Up Receptacle also includes gaskets under the flange and around the main body to prevent spilled liquids from entering the electrical enclosure, regardless of whether the receptacle is open or closed. The Recessed Pop-Up Receptacle is the first device to pass the new UL® Spill Test developed specifically for receptacles of this type.

Features

- Provides a duplex GFCI outlet in a kitchen island or peninsula counter for easy access to power for small appliances
- Eliminates the potential safety hazard of power cords hanging over the edge of counters to reach side-mounted outlets
- Meets new UL® and NEC® requirements for receptacles mounted in kitchen counters
- Receptacle remains recessed below counter when not in use
- To access outlet, simply press down on cover and the receptacle pops up
- Cover available in three finishes to match any kitchen décor — nickel, oil-rubbed bronze or brass
- Ideal countertop power solution for kitchens, baths and other work surfaces



Specifications

Cover Size: 4 3/4" diameter
Mounting Hole: 3 3/4" Diameter
Outlet: (1) duplex tamper-resistant GFCI receptacle — 15A, 125VAC, 60Hz, 20A Feed-Through

MC Cable Whip: 12/2 with ground wire, 5' long with 6" leads

Listings/Compliances:
 – UL® 943
 – CSA C22.2 No. 144.1
 – NEC® Article 210.52(C)(5)
 – NEC® Article 406.5(E)

NEC is a registered trademark of the National Fire Protection Association, Inc.

CAT. NO.	DESCRIPTION	STD. PKG. QTY.
KPR-15G-NKL	Recessed Pop-Up Receptacle with Duplex GFCI and Nickel Finish Cover	1
KPR-15G-BRZ	Recessed Pop-Up Receptacle with Duplex GFCI and Oil-Rubbed Bronze Finish Cover	1
KPR-15G-BRS	Recessed Pop-Up Receptacle with Duplex GFCI and Brass Finish Cover	1

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Thomas & Betts

Retractable Work Surface Receptacle

Concealed receptacle provides safe and convenient desktop power.

Retractable Work Surface Receptacle

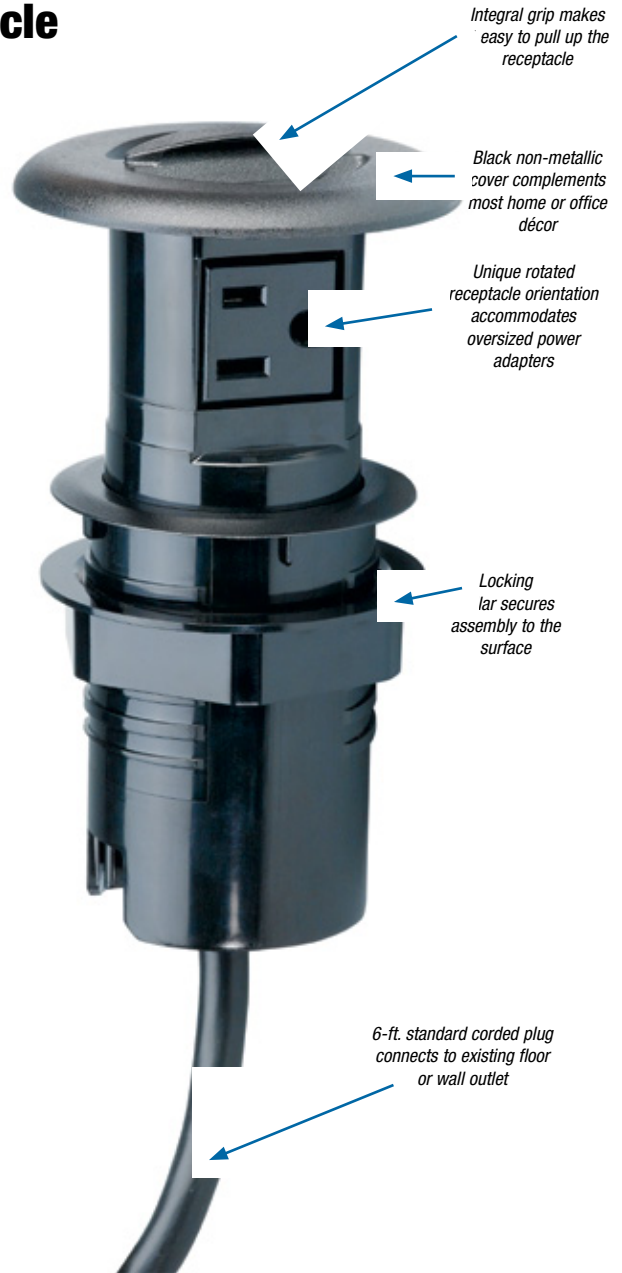
With the variety of electronics and powered devices today, convenient power outlets in the home and office are critical. While phone chargers, laptops, appliances and other devices are typically located on work surfaces, outlets are often located underneath the work surface, along the wall or on the floor. Repeatedly accessing these outlets is an inconvenience and poses safety hazards.

The new Carlton® Retractable Work Surface Receptacle provides a convenient outlet right where you need it. A hole saw is included that attaches to your power drill to quickly mount the receptacle in a counter, desk or similar work surface. A 6-ft. cord connects to an existing wall or floor outlet, so no wiring is required. Simply pull up the receptacle's cover to raise the unit above the work surface and plug in a device. When not in use, push the cover down to store the receptacle below the work surface. The non-metallic cover is black to complement most home or office decor.

- Provides easy access to a power outlet — simply pull up the receptacle to plug in a device
- 6-ft. cord plugs into an existing floor or wall outlet
- Receptacle remains hidden below work surface when not in use
- Compact design occupies minimal space both when recessed and while in use
- Rotated receptacle orientation accommodates oversized power adapters
- Hole saw included
- cULus Listed, File Number E340129 (per UL® 962A, Furniture Power Distribution Units)

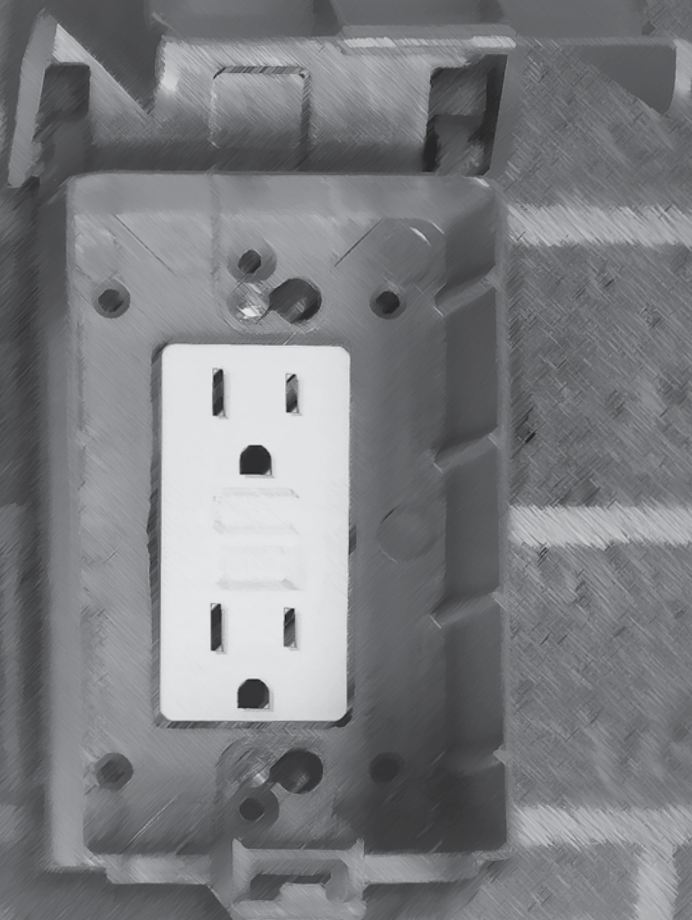


NEW!



CAT. NO.	DESCRIPTION	STD. PKG. QTY.
RWSR	Recessed Pull-Up Receptacle, Black, 6 ft. cord with three-prong plug	1

Red•Dot® Weatherproof Boxes & Covers



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Overview

Weatherproof Boxes, Covers and Lighting Products

The industry's preferred choice for more than 50 years — Red•Dot® Weatherproof Boxes and Covers withstand the harshest elements and ensure trouble-free installation and performance.



Boxes

Red•Dot® boxes are made from durable die-cast aluminum and available in single- and double-gang rectangular as well as round configurations — with a variety of hub sizes to meet all needs.



Lighting

Red•Dot® has a complete lighting package for both general purpose outdoor lighting as well as decorative garden lights. All lighting products run off line voltage, providing more flexibility and brighter lighting than low-voltage or solar-powered sets, plus no additional transformers are required.



While-in-Use

Red•Dot® offers a wide variety of both metallic and non-metallic while-in-use covers. All of these covers help ensure that you meet the requirements of the National Electrical Code®.



D-PAK®

With a descriptive, easy-to-read label and display-ready packaging, the display packs make it quick and easy to put Red•Dot® out for customers to see.



Covers

Red•Dot® die-cast flip-lid weatherproof covers protect any outdoor receptacle from the elements. Constructed from rugged die-cast zinc, these covers will last a lifetime. A full line of non-metallic covers is also available.



Merchandisers

With your choice of various stock displays or a customized display to fit your needs, Red•Dot® makes it easy to increase your counter sales.



NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Weatherproof Metallic Covers

Wet or Dry, All Outlets Can Go Undercover with Code Keeper®

Code Keeper® Weatherproof Covers

Boxes & Covers — Red•Dot® Weatherproof

Code Keeper® While-In-Use Applications

Weatherproof Covers are required by the National Electrical Code® anyplace where water may come in contact with electrical outlets when a plug is in use. Code Keeper® covers are also ideal anywhere to prevent accidental disconnects, reduce tampering and to provide a lockable cover that meets OSHA requirements.

Suggested Applications:



Residential — holiday and landscape lighting, wells and sump pumps, sprinkler systems, plug-in timers, garages, patios.

Commercial — vending machines, car washes, outdoor signs, restaurant kitchens, greenhouses and nurseries, marinas, garages, lumberyards.



Industrial — manufacturing areas, food processing, water treatment plants, security cameras, laboratories, washdown areas, loading docks.

Recreational — pools and spas, parks, playgrounds, zoos, RV connections, athletic fields, ball parks, stadiums, outdoor stages, amphitheaters, golf courses.



National Electrical Code® Section 406.9(B):

(1) 15- and 20-Ampere, 125- and 250-Volt receptacles installed outdoors in a wet location shall have an enclosure that is weatherproof whether or not the attachment plug cap is inserted.



The electrical code is the reason you need a wet-location cover, but the reasons to buy Code Keeper® covers are simple: aluminum construction, easy installation with instructions in English, Spanish and French and a lifetime warranty from a manufacturer that has defined reliability in electrical construction materials for more than half of a century.

Cover the code with protection that lasts a lifetime with Code Keeper® covers.

The National Electrical Code® requires you to cover outdoor or other wet-location receptacles any time they are in use to ensure the safety of anyone who may come in contact with them.

Code Keeper® covers are corrosion-resistant, aluminum wet-location covers that meet the requirements of the National Electrical Code® and are backed by a lifetime warranty.

Red•Dot® Code Keeper® wet-location cover is NEMA 3R Rated, UL Listed and CSA Certified and meets all the requirements of NEC® Section 406.9(B). Code Keeper® covers are rugged, corrosion-resistant metal construction that provide long-lasting durability and are not subject to cracking or breaking. Made with the same Red•Dot® quality that contractors know and trust, Code Keeper® covers offer a lifetime of use and safety.

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Weatherproof Metallic Covers

Code Keeper® Metallic While-In-Use Covers

Applications:

- Protects receptacles, switches and plugs for single-gang and two-gang configurations in dry and wet locations
- Provides a lockable cover that complies with OSHA lockout/tagout requirements
- Prevents accidental equipment disconnects, reduces tampering and deters theft and equipment removal

Features/Benefits:

- Alloy A360 copper-free* aluminum provides increased corrosion resistance
- Die-cast, metal construction provides long-lasting durability
- NEMA 3R Rating ensures protection against falling rain, sleet and external ice formation when used with appropriate device boxes
- Clear UL® and CSA markings speed approval by inspectors
- Wide range of cover depths and receptacle configurations accommodate almost every common plug and cord size when combined with included adapter plates
- Combination box or device mounting design provides flexibility in installation
- Trilingual instructions help to make installation easy for everyone

Standard Materials:

- Covers and Plates: Die-cast aluminum alloy A360 with less than .004 copper content (copper-free)
- Gaskets: Closed-cell foam

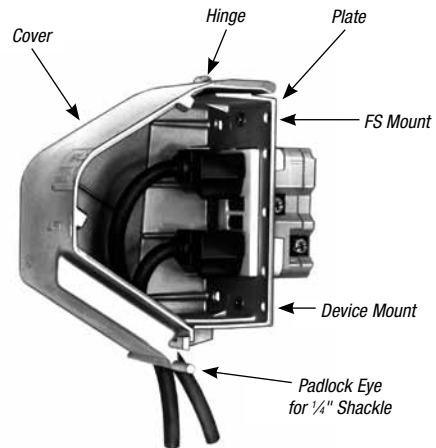
Standard Finish:

- Powder-coated finish

Compliances:

- NEC® Section 406.9(B)
- UL® Listed
- CSA Certified

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



Sample Specifications:

- Code Keeper® covers shall comply with NEC® Section 406.9(B) and be die-cast copper-free* aluminum alloy A360. Covers shall be finished powder-coated paint.

Red•Dot® Catalog No. _____

**Less than .004 copper content.*

All 15- and 20-Ampere, 125- and 250-Volt receptacles installed outdoors in a wet location must have an enclosure that is weatherproof whether or not the attachment plug is inserted.

Code-Keeper® is required by the National Electrical Code® Section 406.9(B) for unattended in-use plugs in wet locations.

- Die-cast A360 aluminum alloy (less than .004% copper content)
- NEMA 3R Rating
- Clear UL® and CSA markings
- Wide range of cover depths and receptacle configurations
- Sturdy lockable cover tab complies with OSHA lockout/tagout requirements
- Combination box- or device-mount design (for most styles)
- Powder-coated finish
- “Extra-Duty” per NEC® Section 406.9(B)(1)



Single-Gang
Medium Horizontal



Single-Gang
Small Vertical



Single-Gang
Medium Vertical



Single-Gang
Large Vertical

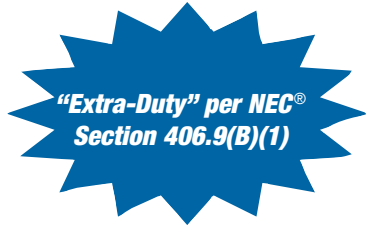
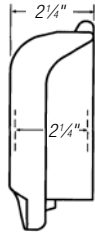


Two-Gang

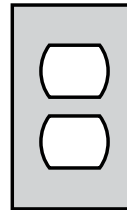
Weatherproof Metallic Covers

Code Keeper® Metallic While-In-Use Covers — Single-Gang

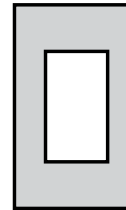
CKSUV — Small Vertical Cover, 2¼" Internal Depth



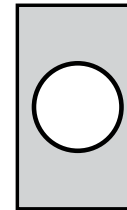
Use for any of these configurations:



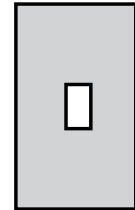
Duplex



GFCI



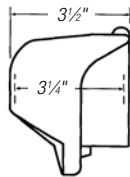
Single Receptacle
up to 1 1/16"



Switch

Note: Covers packed with gasket and screws.

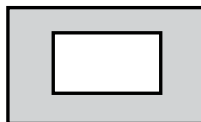
CKMU — Medium Horizontal Cover, 3¼" Internal Depth



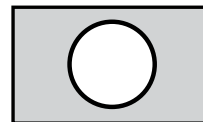
Use for any of these configurations:



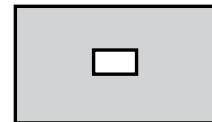
Duplex



GFCI



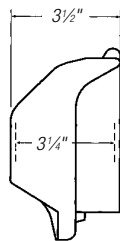
Single Receptacle
up to 1 1/16"



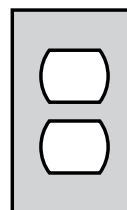
Switch

Note: Covers packed with gasket and screws.

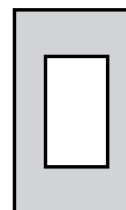
CKMUV — Medium Vertical Cover, 3¼" Internal Depth



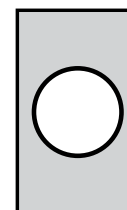
Use for any of these configurations:



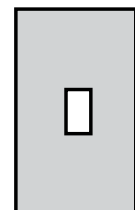
Duplex



GFCI



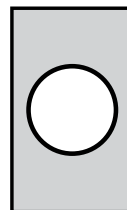
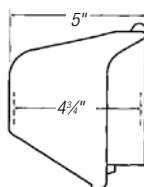
Single Receptacle
up to 1 1/16"



Switch

Note: Covers packed with gasket and screws.

CKLSVU — Large Vertical Cover, 4¾" Internal Depth



Single Receptacle
up to 2.125"

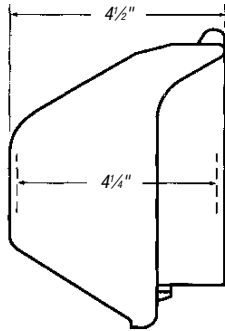
Note: Covers packed with gasket and screws.

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Weatherproof Metallic Covers

Code Keeper® Metallic While- In-Use Covers — Two-Gang

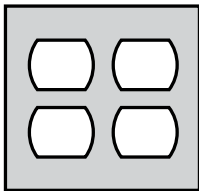
**2CKU — Regular
Cover, 4¼" Internal Depth**



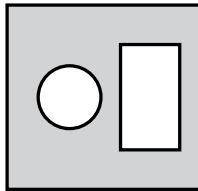
Note: Dry-tite® covers packed with gasket and screws.

** Can be used to cover one receptacle with an oversized wall opening.*

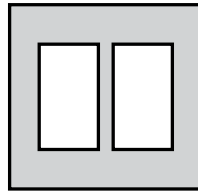
Use for any of these configurations:



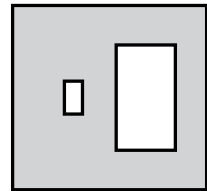
Two-duplex receptacle cover



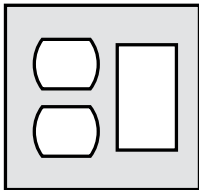
Single up to 1½" and GFCI receptacle cover



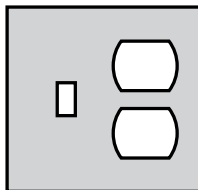
Two-GFCI receptacle cover



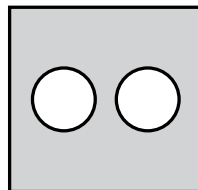
Toggle and GFCI receptacle cover



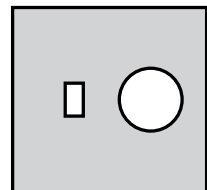
Duplex and GFCI receptacle cover



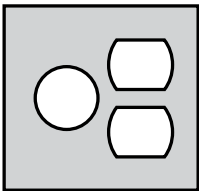
Toggle and duplex receptacle cover



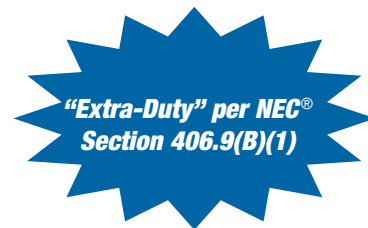
Two-single up to 1½" receptacle cover



Toggle and single up to 1½" receptacle cover



Single up to 1½" and duplex receptacle cover



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Weatherproof Metallic Covers

Universal Design Installs in Both Horizontal and Vertical Applications.

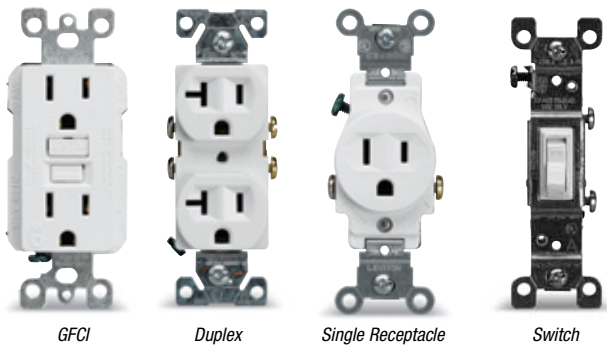
Universal Flip-Lid Weatherproof Cover

New Red•Dot® Universal Flip-Lid Weatherproof Covers save you time and money by reducing the number of items you have to inventory to complete a job. Capable of mounting either vertically or horizontally, the covers provide added versatility with innovative adapter plates to support all of the most common installation configurations — 12 with the single-gang cover and 25 with the 2-gang cover. Choose from silver, bronze or white covers.

Features:

- Included adapter plates offer 12 installation options with single-gang cover and 25 installation options with 2-gang cover
- Keyhole openings on back enable easy installation on an existing outlet
- Durable, die-cast zinc-alloy construction
- Suitable for use in wet locations with cover closed
- Available in silver, bronze and white
- Lockable for security when not in use
- Easy access to outlet with 130° opening
- Preconfigured for GFCI — the industry's most common outdoor application

Accommodates Multiple Outlet Configurations (receptacles not included)

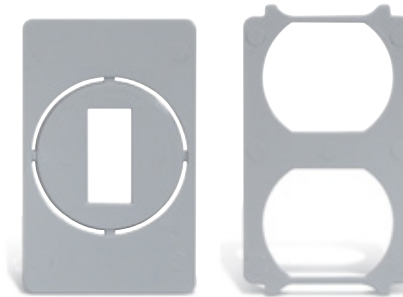


GFCI

Duplex

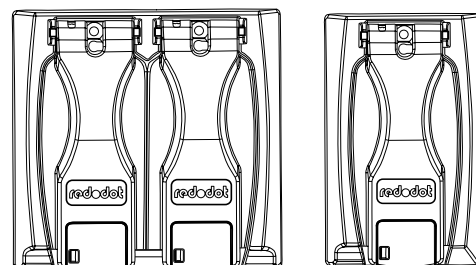
Single Receptacle

Switch



Includes Two Adapter Plates, Single Receptacle up to 1 1/16"

CAT. NO.	DESCRIPTION	STD. CTN.
CCU	Single-Gang Cover (installs vertically or horizontally) — Silver	50
DCCU	D-PAK® — Single-Gang Cover, Silver	25
DCCU-BR	D-PAK® — Single-Gang Cover, Bronze	25
DCCU-WH	D-PAK® — Single-Gang Cover, White	25
2CCU	2-Gang Cover — Silver	10
2CCU-BR	2-Gang Cover — Bronze	10
2CCU-WH	2-Gang Cover — White	10



Boxes & Covers — Red•Dot® Weatherproof

www.tnb.com

United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289



Thomas&Betts

Request Info
1-800-453-1692
www.aboveboardelectronics.com

Weatherproof Metallic Covers

Single-Gang Device Covers



CCD

CAT. NO.	COLOR	DESCRIPTION
Duplex Receptacle Cover, Horizontal		
CCD	Silver	Device Mount
CCD-L	Silver	Device Mount with Lock Option
CCD-FS	Silver	Box Mount
WR81-CN	Natural	Cover, Stay-Open Lid
WRH80-C	Gray	Cover, Self-Closing Lids

D-PAK®

DCCD-P	Silver	Non-Metallic Device Mount
DCCD	Silver	Device Mount
DCCD-BR	Bronze	Device Mount
DCCD-WH	White	Device Mount
DCCDSO	Silver	Device Mount, Stay Open
DCCDSO-BR	Bronze	Device Mount, Stay Open
DCCDSO-WH	White	Device Mount, Stay Open

Duplex Receptacle Cover, Vertical

CCDV	Silver	Device Mount
CCDV-L	Silver	Device Mount with Lock Option

D-PAK®

DCCDV	Silver	Device Mount
DCCDV-BR	Bronze	Device Mount
DCCDV-WH	White	Device Mount

GFCI Receptacle Cover, Horizontal

CCG	Silver	Device Mount
CCG-FS	Silver	Box Mount

D-PAK®

DCCG	Silver	Device Mount
DCCG-BR	Bronze	Device Mount
DCCG-WH	White	Device Mount

GFCI Receptacle Cover, Vertical

CCGV	Silver	Device Mount
CCGV-L	Silver	Device Mount with Lock Option

D-PAK®

DCCGV	Silver	Device Mount
DCCGV-BR	Bronze	Device Mount
DCCGV-WH	White	Device Mount



CCDV



CCG



CCGV



CCS



CCSV



CCSV-TL



CCMB



CCT-1

CAT. NO.	COLOR	DESCRIPTION
Single Receptacle Cover, Horizontal — 1.485" Diameter Opening		
CCS	Silver	Device Mount

Single Receptacle Cover, Vertical — 1.59"/2.156" Diameter Opening

CCSV	Silver	Device Mount
CCSV-L	Silver	Device Mount with Lock Option
CCPO	Silver	Power Outlet Cover with 2.156" Diameter Opening, Box Mount
CCPO-L	Silver	Box Mount with Lock Option

Single Receptacle Cover, Vertical — 1.59" Opening

CCSV-TL	Silver	Device Mount Integral Locking Hasp
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Motor Base Plug and Cover, Horizontal

CCMB	Silver	Device Mount 15A, 125V Motor Base Plug
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Switch Cover Only

CCT	Silver	Device Mount Switch Cover Only, Packed with Spacers and Screws
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Switch Cover with Switch

CCT-1	Silver	Single-Pole 15A, 125V
CCT-1-20	Silver	Single-Pole 20A, 120-277V
CCT-3	Silver	3-Way Switch 15A, 125V

Note: Raintight when used with appropriate Red•Dot® boxes.

SW1	Silver	One-Gang Cover with 10A, 125V Single-Pole Switch
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SW2	Silver	One-Gang Cover with 10A, 125V Double-Pole Switch
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SW20-1/710	Silver	One-Gang Cover with 20A, 102/277V Single-Pole Switch (special oil- and gas-resistant gasket)
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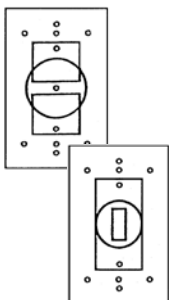
SW20-2	Silver	One-Gang Cover with 20A, 102/277V Double-Pole Switch
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SW20-2/710	Silver	One-Gang Cover with 20A, 102/277V Double-Pole Switch (special oil- and gas-resistant gasket)
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UL Listed E-18407.

CSA Certified LR-18685.

Note: All covers packed with gasket and screws.





Single-Gang Gaskets


CAT. NO.	COLOR	DESCRIPTION
CCK	Black	Neoprene
CCSK	Black	Neoprene


Weatherproof Metallic Covers


Two-Gang Device Covers


	CAT. NO.	DESCRIPTION
	2CCD	Device Mount
	2CCD-L	Device Mount with Lock Option
	WR281-CBR	Cover, Self-Closing Lids
	WR281-C-WH	Cover, Self-Closing Lids


Two-GFCI Receptacle Cover		
	2CCG	Device Mount


One Duplex and One GFCI Receptacle Cover		
	2CCDG	Device Mount


Two-Single Receptacle Cover — 1.485" Diameter Opening		
	2CCS	Device Mount
	2CCS-L	Device Mount with Lock Option

One Single Receptacle and One Duplex Receptacle Cover — 1.485" Diameter Opening		
	2CCSD	Device Mount

Single Receptacle and One GFCI Receptacle Cover — 1.485" Diameter Opening		
	2CCSG	Device Mount
	2CCSG-L	Device Mount with Lock Option
	WR74-81-C	Cover, Self-Closing Lids, Opening Diameter




Double Switch Cover		
	2CCT	Cover Only, Packed with Spacers
	2CCT-1	Cover with Two Single-Pole 15A, 125V Switches and Spacers

Switch and One Duplex Receptacle Cover		
	2CCTD	Cover Only, Packed with Spacers
	2CCTD-1	Cover with One Switch Single-Pole 15A, 125V and One Duplex Receptacle and Spacers

Switch and One GFCI Receptacle Cover		
	2CCTG	Device Mount Cover Only with Spacers

Note: Raintight when used with appropriate Red•Dot® boxes.
All covers packed with gasket and screws.

Blank Covers

	CAT. NO.	COLOR	DESCRIPTION
	Single-Gang		
	CCB	Silver	Device Mount
	CCB-FS	Silver	Box Mount
	D-PAK®		
	DCCB	Silver	Device Mount
	Two-Gang		
	2CCB	Silver	Device Mount
	2CCB-FS	Silver	Box Mount
	D-PAK®		
	D2CCB	Silver	Device Mount
	Three-Gang		
	3CCB	Silver	Box Mount

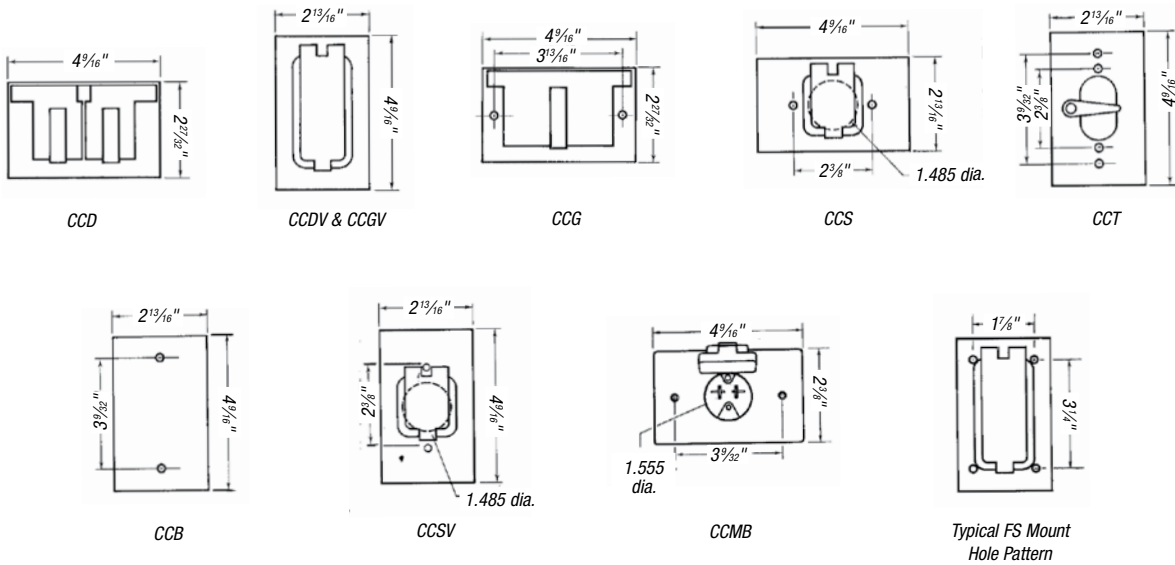
Note: Raintight when used with appropriate Red•Dot® boxes.
All covers packed with gasket and screws.



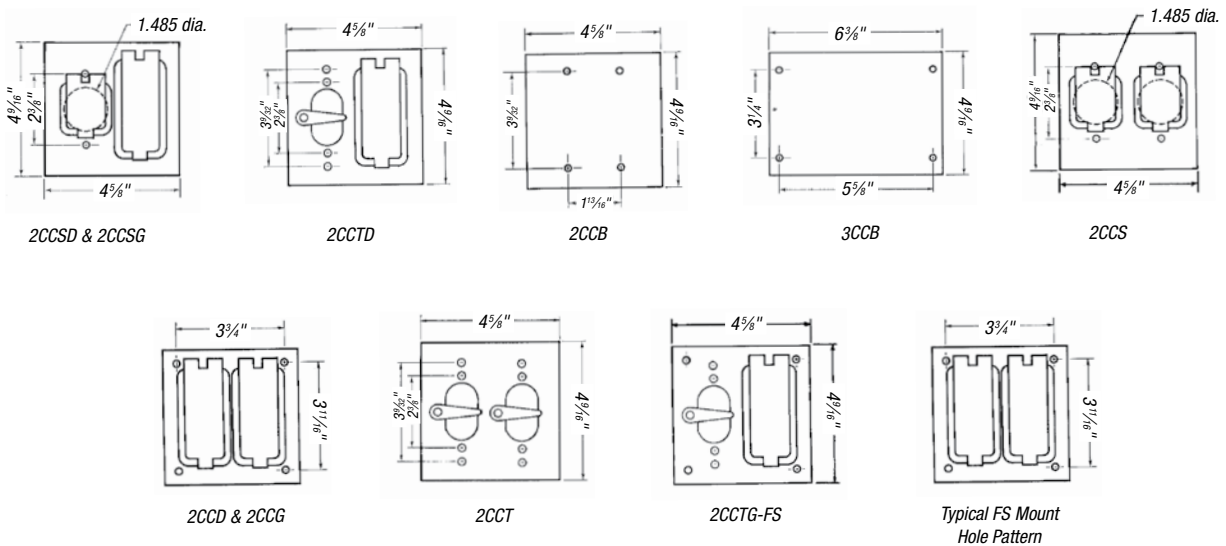
Request Info
1-800-453-1692
www.aboveboardelectronics.com

Weatherproof Metallic Covers

Single-Gang Covers



Two- and Three-Gang Covers



Weatherproof Non-Metallic Covers

Code Keeper® Universal Non-Metallic Recessed Box and Cover

The Code Keeper® Universal Recessed Box and Cover finally solves the problem of needing a while-in-use cover, but not wanting to have a bulky cover on the outside of your home or building. The universal design means that the cover will accommodate a GFCI, duplex, switch or single receptacle up to 3/8", making it the perfect choice for all outdoor outlets.

- Horizontal or vertical orientation
- Easily install in new work and old work applications
- Meets NEC® 406.9(B) code requirements
- Lockable cover design for added security using external locking device*
- Accommodates GFCI, duplex, toggle switch and single receptacles up to 3/8" when combined with included inserts**
- High-impact UV-resistant polycarbonate cover
- All installation screws included



CAT. NO.	DESCRIPTION	STD. CTN.
CKRU-G8	Gray Box with a Gray Cover, Bulk Packaging	8
CKRU-WH8	White Box with a White Cover, Bulk Packaging	8
CKRU-8	Gray Box with a Clear Cover, Bulk Packing	8

UL Listed, File No. E11461.

CSA Certified.

* External locking device (such as a padlock) not supplied.

** Cover fits GFCI, the industry's most commonly used receptacle, without the use of inserts.

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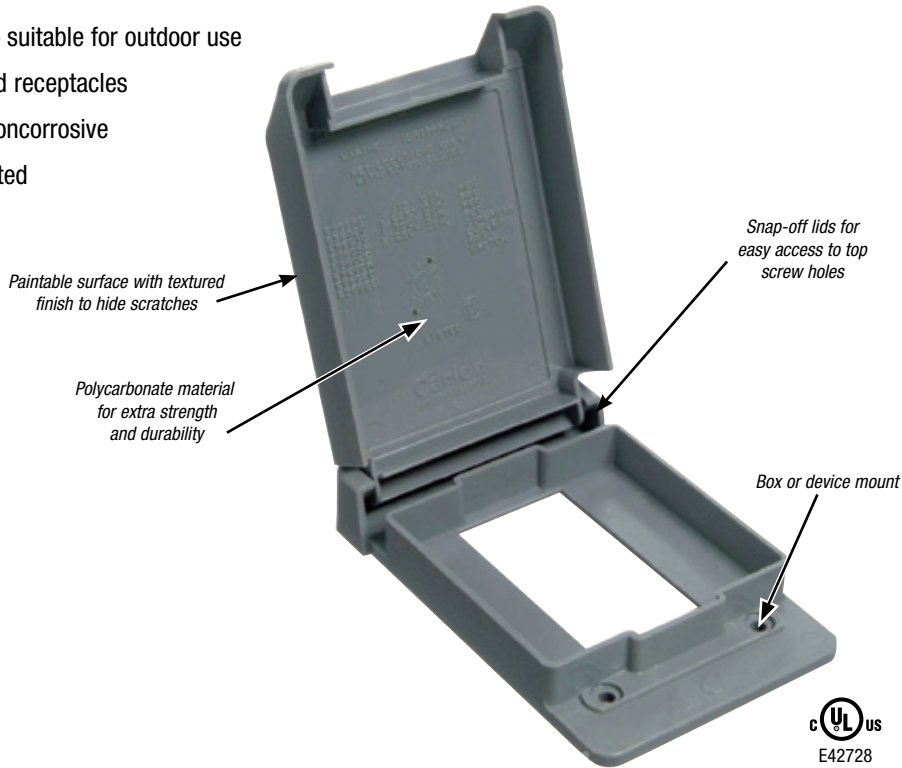
1-800-453-1692

www.aboveboardelectronics.com

Weatherproof Non-Metallic Covers

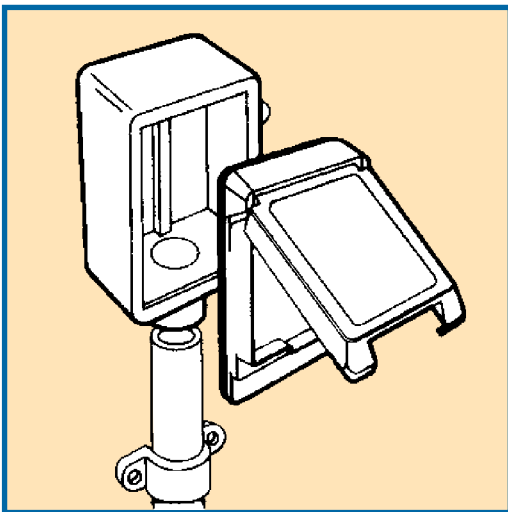
Red•Dot® Non-Metallic Weatherproof Covers

- UV resistant — suitable for outdoor use
- Fits all standard receptacles
- Non-metallic/noncorrosive
- UL® Marine Listed
- CSA Certified



Installation

- Includes base, cover, gasket and mounting screws



Box Mounting:

1. TURN OFF POWER.
2. Place gasket on top of outlet box.
3. Attach the device to the box.
4. Fasten cover to outlet box.

Note: These covers must be mounted in accordance with all local and NEC®/CEC requirements.

Device Mounting:

1. TURN OFF POWER.
2. Place gasket on top of outlet box.
3. Fasten cover to outlet box.
4. To ensure a weatherproof seal, use a ¼" minimum bead of RTV-type silicone, neoprene, urethane or polyurethane caulking between gasket and mounting surface.

Note: These covers must be mounted in accordance with all local and NEC®/CEC requirements.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Weatherproof Non-Metallic Covers

Single-Gang — Vertical Mount

- For use in wet/damp locations
- Mounts to a box or device
- Non-metallic – won't rust or fade
- Paintable
- Easy to install
- Made in the U.S.A.



Duplex Receptacle



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98GDRN-CAR	Gray	10	2

GFCI Receptacle

- Device opening dimensions: 2.63" H x 1.31" W



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98GFCN-CAR	Gray	10	2

15-Amp Receptacle

- For 15-Amp or other single receptacles under 1.375" diameter



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98SRCN-CAR	Gray	10	2.1

20-Amp Receptacle

- For 20-Amp or other single receptacles under 1.625" diameter



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98G20N	Gray	20	4.1

30-Amp Receptacle

- For 30-Amp or other single receptacles under 1.750" diameter



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98G30N-CAR	Gray	10	2.1

Single Switch



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98SSCN-CAR	Gray	10	2.1

Toggle Switch



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98TSCN-CAR	Gray	5	1.1

Blank

- Supplied with stainless steel mounting screws and gasket



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E980CN-CAR	Gray	12	1.60
E980CM-CAR	White	12	1.60

50-Amp Receptacle

- For 50-Amp or other single receptacles under 2.250" diameter



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98G5FN-CAR	Gray	10	2

Weatherproof Non-Metallic Covers

Single-Gang — Horizontal Mount

Duplex Receptacle



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98DHGN-CAR	Gray	10	3.9

GFCI Receptacle



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E98GHGN-CAR	Gray	10	1.9

Device opening dimensions: 2.63" W x 1.31" H.

Double-Gang

- For use in wet/damp locations
- Mounts to a box or device
- Non-metallic — won't rust or fade
- Paintable
- Easy to install
- Made in the U.S.A.

Two-Gang Blank

- Supplied with stainless steel mounting screws and gasket



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9802CN-CAR	Gray	10	2.17

Double Duplex



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9G2DDN-CAR	Gray	10	2.3

Combination Toggle/GFI



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9G2GTN-CAR	Gray	5	1.3

Double Toggle



CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9G2SSN	Gray	6	3.2

Combination Toggle/Duplex Receptacle

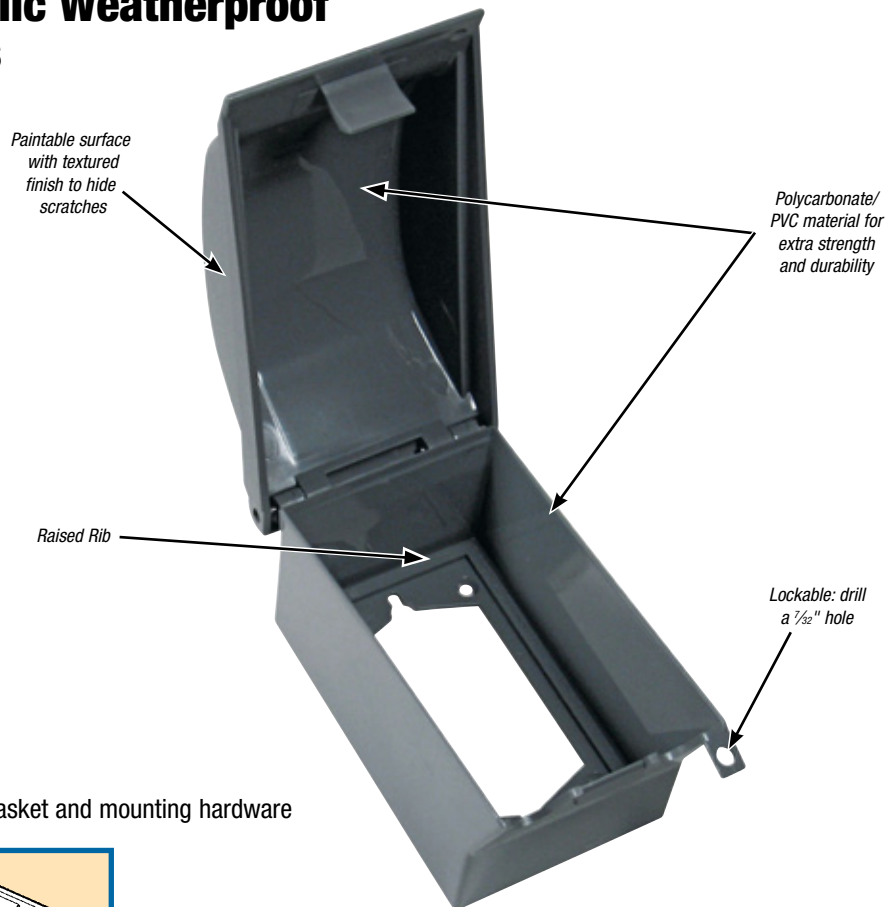


CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9G2DSN-CAR	Gray	10	1.3

Weatherproof Non-Metallic Covers

Red•Dot® Non-Metallic Weatherproof While-In-Use Covers

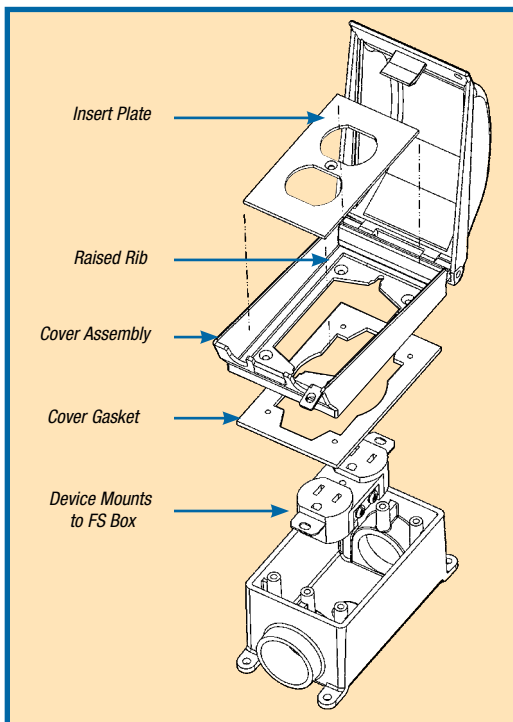
- NEMA Type 3R Rated
- Meets NEC® Section 406.9(B) and CEC Subrule 26-702
- UV resistant — suitable for outdoor use
- Fits all standard receptacles
- Non-metallic/noncorrosive
- UL® Listed
- CSA Certified



Boxes & Covers — Red•Dot® Weatherproof

Installation

- Includes base, cover, device plates, gasket and mounting hardware



Box Mounting:

1. TURN OFF POWER.
2. Mount electrical device to outlet box.
3. Place gasket on top of outlet box.
4. Fasten cover to outlet box.
5. Secure insert plate to cover.
6. Lockable feature — drill a $\frac{7}{32}$ " hole in cover — starting point provided.

Note: These covers must be mounted in accordance with all local and NEC®/CEC requirements.

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Weatherproof Non-Metallic Covers

Single-Gang While-In-Use Covers

- For use in wet/damp locations
- Weatherproof while in use
- Mounts to a box or device
- Non-metallic — won't rust or fade
- Paintable
- Easy to install
- Made in the U.S.A.



Horizontal Mount

Inserts:



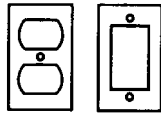
Standard Covers — 2.53" Depth

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9UHGRN2	Gray	4	2.3
E9UHWRN2	White	4	2.3
E9UHCRN2	Clear	4	2.3



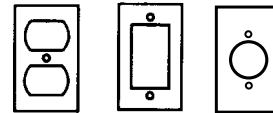
Vertical Mount

Inserts:



Vertical Mount

Inserts:



Standard Covers — 2.64" Depth

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9UVGRN2	Gray	12	7.2
E9UVWRN2	White	12	7.2
E9UVCRN2	Clear	12	7.2

Deep Covers — 4.14" Depth

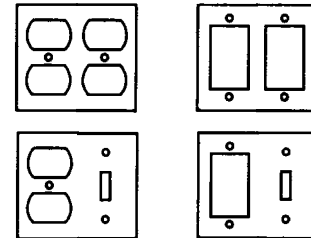
CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9UDVGRN2	Gray	8	5.9
E9UDVWRN2	White	8	5.9
E9UDVCRN2	Clear	8	5.9

Double-Gang While-In-Use Covers

- For use in wet/damp locations
- Weatherproof while in use
- Mounts to a box or device
- Non-metallic — won't rust or fade
- Paintable
- Easy to install
- Made in the U.S.A.



Inserts:



Standard Covers — 2.64" Depth

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9U2GRN2	Gray	6	5.7
E9U2WRN2	White	6	5.7
E9U2CRN2	Clear	6	5.7



Weatherproof Non-Metallic Covers

Reinforced Design
Withstands Abuse!



Code Keeper® Universal Non-Metallic Weatherproof While-In-Use Covers

Weatherproof covers are subjected to bumps and impacts through everyday use, but the Red•Dot® Code Keeper® Universal Non-Metallic While-In-Use Cover can handle it. Its reinforced design withstands abuse. The robust new hinge provides a sturdy cover attachment that is great for high-traffic areas.

Available in single- or two-gang configurations and standard or deep styles, the Code Keeper® Non-Metallic While-In-Use Cover easily adapts to different outlet configurations. Keyhole mounts make it fast and easy to install since there is no need to remove and replace the receptacle screws — just loosen the existing device screws and slide the cover over. Hinge pin design allows for vertical or horizontal mounting on the single gang.

- Robust new hinge provides a sturdy cover attachment that is great for high-traffic areas
- Available in single- or two-gang configurations and standard or deep styles
- Keyhole mounts make it fast and easy to install — just loosen the existing device screws and slide the cover over
- Covers come with adapter plates and pre-adhered gaskets
- Unique wasp guard included to keep out unwanted pests
- Lockable for security when not in use



CAT. NO.	DESCRIPTION	STD. PKG. QTY.
CKNM-NG*	Single-Gang Non-Metallic While-In-Use Cover, Clear	12
CKNMG-NG*	Single-Gang Non-Metallic While-In-Use Cover, Grey	12
CKNMW-NG*	Single-Gang Non-Metallic While-In-Use Cover, White	12
CKNM-NGD**	Single-Gang Deep Non-Metallic While-In-Use Cover, Clear	4
2CKNM-NG*	Two-Gang Non-Metallic While-In-Use Cover, Clear	4
2CKNM-NGD**	Two-Gang Deep Non-Metallic While-In-Use Cover, Clear	4

* Standard covers: 2 7/8" overall depth.

** Deep covers: 4 3/4" overall depth.



Boxes & Covers — Red•Dot® Weatherproof

Weatherproof Non-Metallic Covers

Fast and Easy Installation.

Code Keeper® Universal Non-Metallic Weatherproof While-In-Use Covers

The Code Keeper® Universal While-In-Use covers keep out moisture and take the hassle and cost out of installation. Single- or two-gang kits accommodate up to eight configurations each, and every cover is designed with a method to secure using an external locking device.* Perfect for all outdoor outlets including landscape lighting, lawn equipment, pool/hot tub pumps and holiday lighting.

- Saves you time — no inserts to slow you down, no labor-intensive cutouts
- Horizontal or vertical orientation
- Meets NEC® Section 406.9(B) code requirements
- Lockable cover design for added security using external locking device
- High-impact UV-resistant polycarbonate base construction
- Weatherproof, thermoplastic cover with transparent finish
- Accommodates GFCI, single and duplex receptacles, toggle switches and single receptacles up to 1.59" diameter
- Mounts to a box or the device — all installation screws included
- Choose your base plate and secure to the device, then, snap on the lid and you're done!
- Great for retrofit applications: Device holes are keyed, so just back out the existing device screws and slip the cover over previously installed screws



Universal Non-Metallic While-In-Use Covers*



CAT. NO.	DESCRIPTION	STD. CTN.
CKNM	Single-Gang Duplex/GFCI/Switch/Single 1.59 — Horizontal or Vertical — Pad Lockable, 2 1/8" Deep	6
2CKNM	Two-Gang Duplex/GFCI/Switch/Single 1.59 — Horizontal or Vertical — Pad Lockable, 2 1/8" Deep	4
CKNMD	Deep Single-Gang Duplex/GFCI/Switch/Single 1.59 — Horizontal or Vertical — Pad Lockable, 4 3/4" Deep	4
2CKNMD	Deep Two-Gang Duplex/GFCI/Switch/Single 1.59 — Horizontal or Vertical — Pad Lockable, 4 3/4" Deep	4

UL Listed.

CSA Certified.

Cover ships as a vertical GFCI, the industry's most commonly used version.

* External locking device (such as a padlock) not supplied.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



Request Info

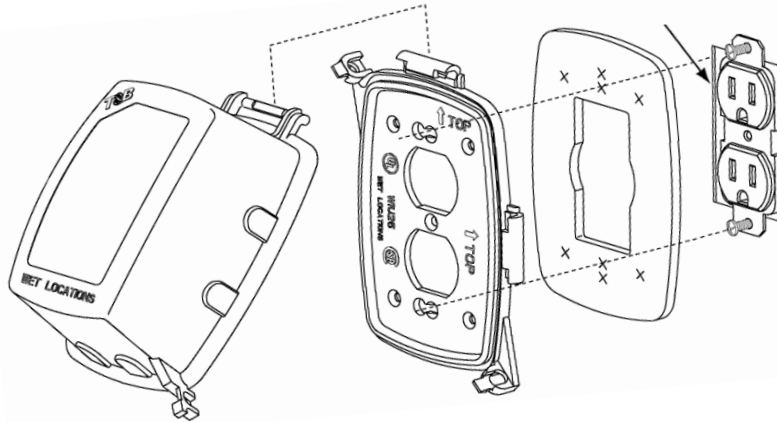
1-800-453-1692



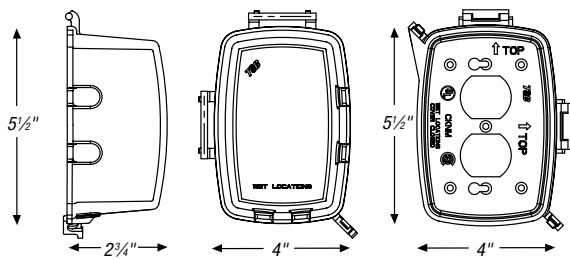
www.aboveboardelectronics.com

Weatherproof Non-Metallic Covers

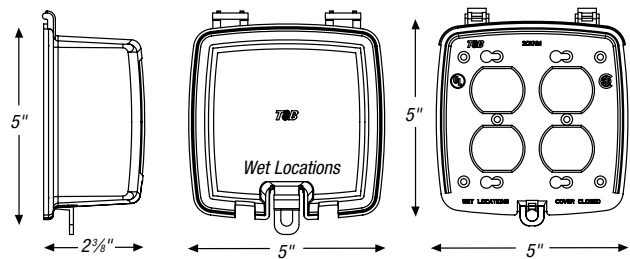
Boxes & Covers — Red•Dot® Weatherproof



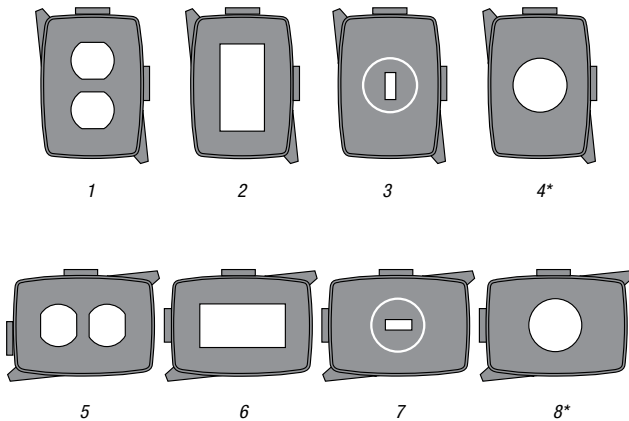
Single-Gang (CKNM) — Dimensions



Two-Gang (2CKNM) — Dimensions

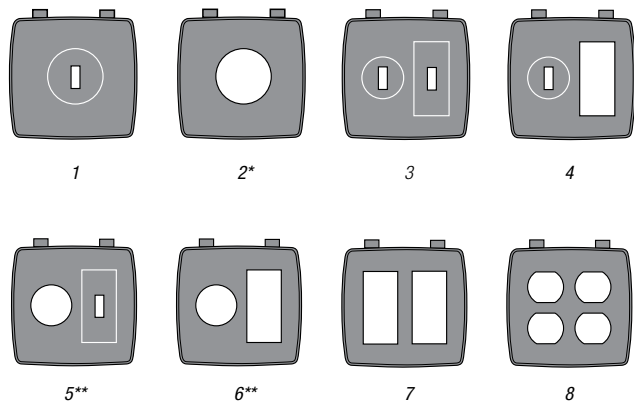


Single-Gang Base Options



* 1.59" diameter fits up to 30-Amp twist-lock receptacle.

Two-Gang Base Options



* 2.125" Diameter
** 1.59" Diameter

Weatherproof Metallic Boxes

Universal Boxes and Covers

Applications:

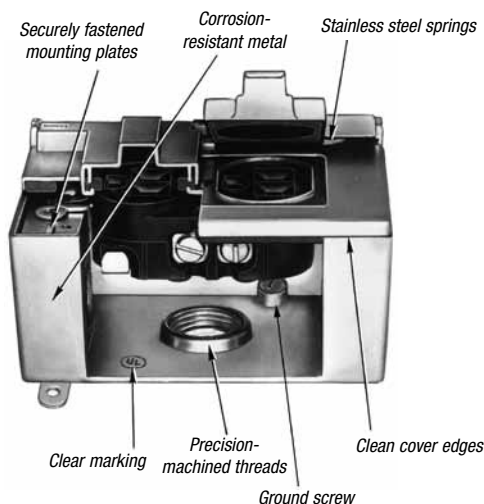
- Dry-tite™ boxes and covers protect wiring devices, switches, electronic components and terminal blocks in dry, damp and wet locations
- Accessible wiring chamber provides a convenient location to maintain or change a system, pull conductors and make splices
- Junction box for branch conduits

Features/Benefits:

- Alloy A380 aluminum, certified zinc alloy and stainless steel springs provide increased corrosion resistance
- Die-cast construction and industrial design combine to produce a rugged protective enclosure for devices on many applications
- Clean cover edges provide good gasket sealing
- Precision-cast and machined surfaces permit safer wire pulling
- Clear UL and cubic content markings speed approval by inspectors
- Convenient mounting lugs for a variety of mounting methods
- Securely fastened mounting plates reduce costly call backs

Standard Materials:

- Boxes: Die-cast aluminum alloy A380
- Cover Plates: Stamped aluminum alloy or certified die-cast zinc alloy ZAMAK 3
- Cover Lids: Certified die-cast zinc alloy ZAMAK 3



Standard Finish:

- Powder-coated finish

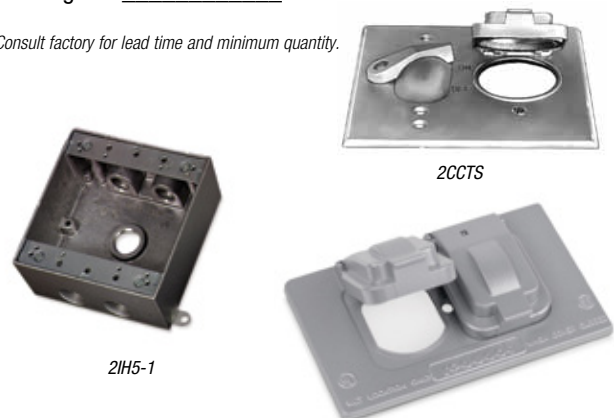
Compliances:

- UL® Listed (UL File No. E-2969)
- Boxes: CSA Certified with factory installed ground screw**
- Covers: CSA Certified
- Covers suitable for use in wet locations with covers closed
- CCB and CCT series covers suitable for use in wet locations
- Federal Spec. W-C-586
- NEMA 3R Rated

Sample Specifications:

- Universal device boxes and covers shall be of aluminum alloy A380 and certified zinc alloy. All conduit stops shall be free of rough edges. Covers shall have stainless steel springs. Covers shall be finished with powder-coated paint. Universal device boxes and covers shall be Red•Dot® Catalog No. _____

** Consult factory for lead time and minimum quantity.



Accessible wiring chamber provides a convenient location to pull conductors and make splices in dry, damp or wet locations.

- Maximum cubic capacity
- Securely fastened mounting plates
- Corrosion-resistant materials
- Powder-coated finish
- Ground screw included
- Precision-machined threads
- Clear UL and cubic volume marking



Weatherproof Metallic Boxes

Single-Gang

CAT. NO.	HUB SIZE (IN.)	COLOR	OUTLETS	
Three Outlets				
IH3-1	½	Silver	Top	1
IH3-2	¾	Silver	Bottom	1
IH3-1-LM•	½	Silver	Back	1
IH3-2-LM•	¾	Silver		TOTAL 3
D-PAK®				
DIH3-1-LM•	½	Silver		
DIH3-1-LM-BR•	½	Bronze		
DIH3-1-LM-WH•	½	White		
DIH3-2-LM•	¾	Silver		
DIH3-3-LM	1	Silver		

CAT. NO.	HUB SIZE (IN.)	COLOR	OUTLETS	
Four Outlets				
IH4-1	½	Silver	Top	2
IH4-2	¾	Silver	Bottom	1
IH4-1-LM•	½	Silver	Back	1
IH4-2-LM•	¾	Silver		TOTAL 4
D-PAK®				
DIH4-1-LM•	½	Silver		
DIH4-1-LM-BR•	½	Bronze		
DIH4-1-LM-WH•	½	White		
DIH4-2-LM•	¾	Silver		

CAT. NO.	HUB SIZE (IN.)	COLOR	OUTLETS	
Five Outlets				
IH5-1	½	Silver	Top	2
IH5-2	¾	Silver	Bottom	2
IH5-1-LM•	½	Silver	Back	1
IH5-2-LM•	¾	Silver		TOTAL 5
D-PAK®				
DIH5-1-LM•	½	Silver		
DIH5-2-LM•	¾	Silver		

CAT. NO.	HUB SIZE (IN.)	COLOR	OUTLETS	
Five Outlets (2-Side)				
IH5S2-1•	½	Silver	Top	1
IH5S2-2•	¾	Silver	Bottom	1
			Side	1
			Side	1
			Back	1
			TOTAL 5	

CAT. NO.	HUB SIZE (IN.)	COLOR	OUTLETS	
Six Outlets (3-Side)				
IH6S2-1•	½	Silver	Top	1
IH6S2-2•	¾	Silver	Bottom	1
			Side	2
			Side	1
			Back	1
			TOTAL 6	

Note: Raintight when used with appropriate Red•Dot® covers. Boxes supplied with 2 closure plugs and ground screw.

• With mounting lugs

Two-Gang

CAT. NO.	HUB SIZE (IN.)	OUTLETS	
Three Outlets			
2IH3-1•	½	Top	1
2IH3-2•	¾	Bottom	1
		Back	1
		TOTAL 3	
D-PAK®			
D2IH3-1	½		

CAT. NO.	HUB SIZE (IN.)	OUTLETS	
Four Outlets			
2IH4-1•	½	Top	2
2IH4-2•	¾	Bottom	1
		Back	1
		TOTAL 4	

CAT. NO.	HUB SIZE (IN.)	OUTLETS	
Five Outlets			
2IH5-1•	½	Top	2
2IH5-2•	¾	Bottom	2
		Back	1
		TOTAL 5	

CAT. NO.	HUB SIZE (IN.)	OUTLETS	
Five Outlets (2-Side)			
2IH5S2-1•	½	Top	1
2IH5S2-2•	¾	Bottom	1
		Side	1
		Side	1
		Back	1
		TOTAL 5	

CAT. NO.	HUB SIZE (IN.)	OUTLETS	
Seven Outlets			
2IH7-1•	½	Top	3
2IH7-2•	¾	Bottom	3
		Back	1
		TOTAL 7	

CAT. NO.	HUB SIZE (IN.)	OUTLETS	
Seven Outlets (2-Side)			
2IH7S2-1•	½	Top	2
2IH7S2-2•	¾	Bottom	2
		Side	1
		Side	1
		Back	1
		TOTAL 7	

Note: Raintight when used with appropriate Red•Dot® covers. Boxes supplied with 2 closure plugs and ground screw.

• With mounting lugs

Boxes & Covers — Red•Dot® Weatherproof

Weatherproof Metallic Boxes

Deep Boxes — Single- and Multi-Gang

CAT. NO.	HUB SIZE (IN.)	OUTLETS	
Three Outlets			
IHD3-1•	½	Top	1
IHD3-2•	¾	Bottom	1
IHD3-3•	1	Back	1
TOTAL			3



Four Outlets

IHD4-1•	½	Top	2
IHD4-2•	¾	Bottom	1
		Back	1
TOTAL			4



Two-Gang Five Outlets

2IHD5-1•	½	Top	2
2IHD5-2•	¾		
2IHD5-3•	1	Bottom	2
		Back	1
TOTAL			5



Three-Gang Seven Outlets

3IHD7-2•	¾	Top	3
3IHD7-3•	1	Bottom	3
		Back	1
TOTAL			7



Close-Up Plugs — Zinc

CAT. NO.	COLOR	HUB SIZE (IN.)
PLG-1-RD	Silver	½
PLG-2-RD	Silver	¾
PLG-3-RD	Silver	1

D-PAK®

CAT. NO.	COLOR	HUB SIZE (IN.)
DPLG-1	Silver	½
DPLG-1-BR	Bronze	½
DPLG-1-WH	White	½
DPLG-2	Silver	¾



Extensions — Single-Gang

CAT. NO.	HUB SIZE (IN.)	OUTLETS	DESCRIPTION
No Outlets — 1" Deep			
IHE	N/A	0	Extension Ring for One-Gang Box with Gasket and Screws



Four Outlets — 1½" Deep

IHE4-1	1/2	Top	2	4-Hole Extension Ring for One-Gang Box with 4 Plugs, Gasket and Screws
		Bottom	2	
TOTAL			4	



Two Outlets, Flanged — 1½" Deep Add-On

IHEF2-1	½	Top	1	2-Hole Flanged Box Extension Adapter with 1 Plug Gasket and Screws
IHEF2-2	¾	Bottom	1	
TOTAL			2	



Six Outlets, Flanged — 1½" Deep Add-On

IHEF6S2-1	½	Top	2	6-Hole Flanged Box Extension Adapter with 4 Plugs, Gasket and Screws
IHEF6S2-2	¾	Bottom	2	
		Side	1	
		Side	1	
TOTAL			6	



Extensions — Two-Gang

CAT. NO.	HUB SIZE (IN.)	OUTLETS	DESCRIPTION
Deep			
2IHE	N/A	0	Extension Ring for Two-Gang Boxes with Gasket and Screws



Extensions — Round

CAT. NO.	HUB SIZE (IN.)	OUTLETS	DESCRIPTION
Four Outlets — 1½" Deep			
SE-47	½	4	Round Extension with Gasket and Screws
SE-48	¾	4	



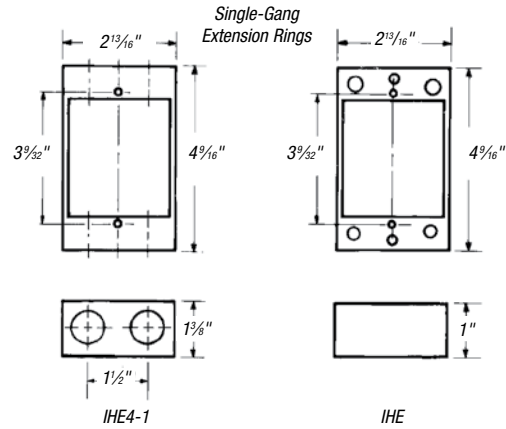
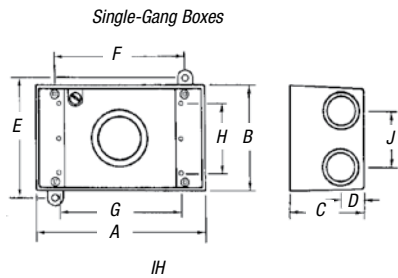
Mounting Lugs

CAT. NO.	DESCRIPTION
LM	2 Mounting Lugs with Self-Tapping Screws, for LM Boxes Only



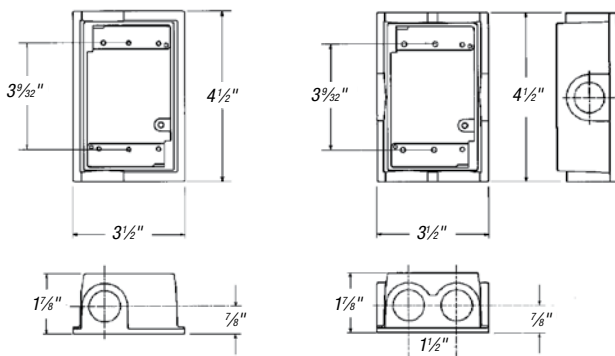
Weatherproof Metallic Boxes

Single-Gang Boxes



Two-Hole Flanged Box Extension Adapter

Six-Hole Flanged Box Extension Adapter

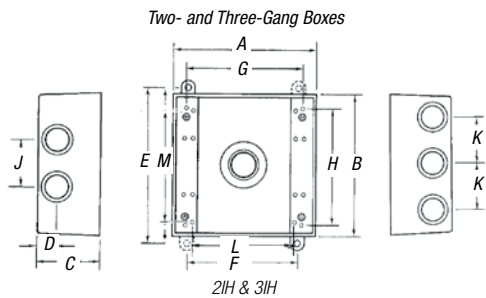


IHEF2 (Add-On)

IHEF6S2 (Add-On)

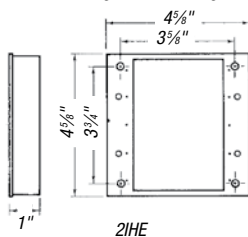
CAT. NO.	HUB SIZE	DIMENSIONS (IN.)									
		A	B	C	D	E	F	G	H	J	CI
IH-1	1/2	4 9/16	2 13/16	2	5/8	—	—	3/4	1 1/8	1 1/2	17.3
IH-2	3/4	4 9/16	2 13/16	2	5/8	—	—	3/4	1 1/8	1 1/2	17.0
IH-LM-1	1/2	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3/4	1 1/8	1 1/2	17.3
IH-LM-2	3/4	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3/4	1 1/8	1 1/2	17.0
IH-S-1	1/2	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3/4	1 1/8	1 1/2	17.0
IH-S-2	3/4	4 9/16	2 13/16	2	5/8	3 13/16	3 1/2	3/4	1 1/8	1 1/2	17.0
IHD-1	1/2	4 9/16	2 13/16	2 5/8	5/8	3 13/16	3 1/2	3/4	1 1/8	1 1/2	24.8
IHD-2	3/4	4 9/16	2 13/16	2 5/8	5/8	3 13/16	3 1/2	3/4	1 1/8	1 1/2	24.8
IHD-3	1	4 9/16	2 13/16	2 5/8	3/4	3 13/16	3 1/2	3/4	1 1/8	1 1/2	23.5

Two- and Three-Gang Boxes



2IH & 3IH

Two-Gang Extension Ring



2IHE

CAT. NO.	DIMENSIONS (IN.)												
	A	B	C	D	E	F	G	H	J	K	L	M	CI
2IH3	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 17/32	3/4	—	—	3/4	3 9/16	31.8
2IH4	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 17/32	3/4	1 1/2	—	3/4	3 9/16	31.8
2IH5	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 17/32	3/4	1 1/2	—	3/4	3 9/16	31.8
2IH5S2	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 17/32	3/4	—	—	3/4	3 9/16	31.8
2IH7	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 17/32	3/4	—	1 1/2	3/4	3 9/16	30.3
2IH7S2	4 9/16	4 5/8	2 1/16	5/8	5	3 1/2	3 17/32	3/4	1 1/2	—	3/4	3 9/16	32.0
2IHD5	4 9/16	4 5/8	2 17/32	3/4	5	3 1/2	3 17/32	3/4	1 3/16	—	3/4	3 9/16	40.3
3IHD7	4 9/16	6 1/16	2 17/32	1 3/16	6 1/16	3 1/2	3/4	5 5/8	—	1 3/16	3/4	3 9/16	54.8

Boxes & Covers — Red•Dot® Weatherproof

Weatherproof Metallic Boxes

Round Boxes, Extensions and Covers

Applications:

- Junction for branch conduits
- Spacious, accessible wiring chamber provides a convenient location to maintain or change a system, pull conductors and make splices

Features/Benefits:

- Copper-free* aluminum provides increased corrosion resistance
- Precision-cast and machined surfaces permit safer wire pulling
- Clean cover edges provide good gasket sealing
- Precision NPT threads enable trouble-free field installation for rigid, IMC or EMT conduit
- Deep-slotted stainless steel cover screws for faster installation
- Clear UL® and cubic content markings speed approval by inspectors

Standard Materials:

- S Boxes: Die-cast aluminum alloy A380
- SS-B Cover: Stamped aluminum
- Gaskets: Composition

Standard Finish:

- Powder-coated finish

Compliances:

- UL® Listed
- Federal Spec. W-C-586B

Sample Specifications:

- Outlet boxes and covers shall be die-cast copper-free* aluminum alloy A380 ("S"). Outlet boxes and covers shall be finished with powder-coated paint.

Outlet boxes and covers shall be Red•Dot®.

Catalog No. _____

* Less than .004% copper content.

** S Boxes — Die-cast aluminum alloy A380.



Boxes

CAT. NO.	COLOR	HUB SIZE (IN.)	DESCRIPTION
Five Outlets, 4 1/8" Diameter			
S-47	Silver	1/2	5 Outlets, Cast
S-47-CFB	Silver	1/2	Ceiling Fan Box and Cover Rated for 50 lb. Fixture or 35 lb. Fan
S-48	Silver	3/4	Mounting Lugs, 4 Closure Plugs
S-48-CFB	Silver	3/4	Ceiling Fan Box and Cover Rated for 50 lb. Fixture or 35 lb. Fan
D-PAK®			
DS-47	Silver	1/2	5 Outlets
DS-47-BR	Bronze	1/2	5 Outlets
DS-47-WH	White	1/2	5 Outlets
DS-48	Silver	3/4	5 Outlets
DS-48-BR	Bronze	3/4	5 Outlets
DS-48-WH	White	3/4	5 Outlets
DS-47-B	Silver	1/2	With Blank Cover
DS-48-B	Silver	3/4	With Blank Cover



4 1/2" Round Extensions

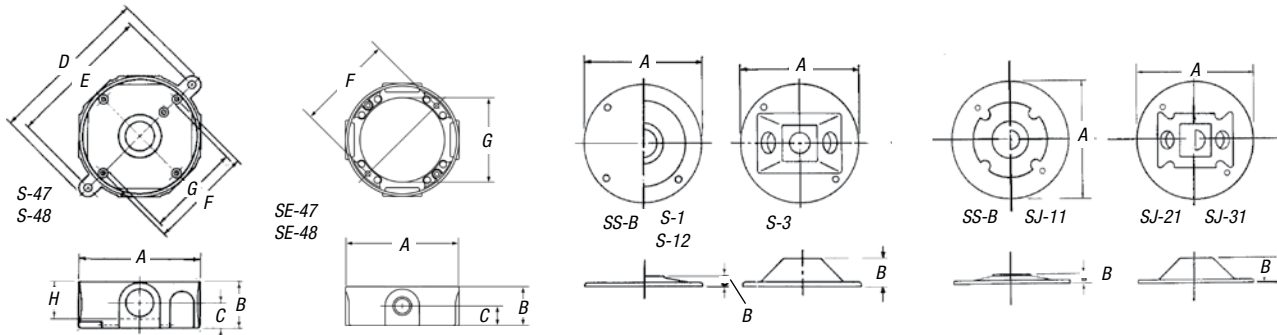
CAT. NO.	COLOR	HUB SIZE (IN.)	DESCRIPTION
Four Outlets, 4 1/8" Diameter, 1 5/8" Deep			
SE-47	Silver	1/2	4 Outlets
SE-48	Silver	3/4	4 Closure Plugs, Gasket and Screws

Note: Boxes are Raintight when used with appropriate Red•Dot® boxes.

All covers packed with gasket and screws.

Weatherproof Metallic Boxes

Outlet Boxes, Extensions

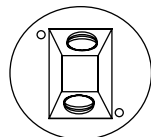
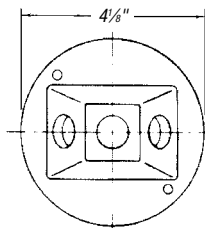


DIMENSIONS (IN.)

CAT. NO.	HUB SIZE	A	B	C	D	E	F	G	H	CI
S-47	1/2	4 1/8	1 3/8	3/4	5 1/16	4 15/16	3 1/2	3 3/8	1 1/4	17.0
SE-47	1/2	4 1/8	1 3/8	1 3/16	—	—	3 1/2	3 1/16	—	18.3
S-71	1/2	4 1/8	1 3/8	3/4	5 1/16	4 15/16	3 1/2	3 3/8	1 1/4	16.3
S-48	3/4	4 1/8	1 3/8	7/8	5 1/16	4 15/16	3 1/2	3 3/8	1 1/4	17.0
SE-48	3/4	4 1/8	1 3/8	1 3/16	—	—	3 1/2	3 1/16	—	18.3
SS-B	—	4 1/8	3/64	—	—	—	—	—	—	—
S-1	1/2	4 1/8	1 3/8	—	—	—	—	—	—	—
S-12	3/4	4 1/8	3/8	—	—	—	—	—	—	—
S-3	1/2	4 1/8	1 1/16	—	—	—	—	—	—	—
SS-B	—	4 1/2	3/8	—	—	—	—	—	—	—
SJ-11	1/2	4 1/2	3/8	—	—	—	—	—	—	—
SJ-21	1/2	4 1/2	1	—	—	—	—	—	—	—
SJ-31	1/2	4 1/2	1	—	—	—	—	—	—	—

Round Lampholder Covers

- Heavy-duty die-cast construction
- Powder-coat finish in silver gray, bronze or white
- Three-hole cover is supplied with a 1/2" closure plug
- Supplied with sealing gasket and cover screw



Y2

CAT. NO.	NO. OF OUTLET HOLES	FINISH	STD. CTN.
S-1-RD	1	Silver Gray	25
DSS-1-BR	1	Bronze	25
DSS-1-WH	1	White	25
Y2-PL	2	Silver Gray	25
S-3-RD	3	Silver Gray	25
DSS-3-BR	3	Bronze	25
DSS-3-WH	3	White	25

UL Listed E-51763.

CSA Certified LR-18685.

Round Blank Covers



SS-B



CCRSB



DCCRB

CAT. NO.	COLOR	DESCRIPTION
4 1/8" Diameter		
SS-B	Silver	Weatherproof Cover with Gasket and Screws
5" Diameter		
CCRSB	White	Mounting Holes 2 3/4" on Center (not raintight)
CCRB	White	Mounting Holes 3 1/2" on Center (not raintight)
D-PAK®		
DCCRB	White	—

Note: Boxes are raintight when used with appropriate Red•Dot® boxes.

All covers packed with gasket and screws.

Weatherproof Non-Metallic Fixtures and Boxes

Red•Dot® Non-Metallic Weatherproof Fixtures

- Designed for indoor or outdoor use
- One-piece design with 20.25 cu. in. capacity
- Approved for dwelling
- Acceptable for barn applications
- Junction box approved
- Rated for 60° C field wiring with 150W bulb and tempered glass globe
- Approved for through branch wiring — accommodates eight #12 AWG through branch circuit conductors
- UL® and cUL Listed
- UL® Marine Listed



Installation

- Includes gasket, four lug nuts and two mounting screws

Installation Instructions

1. Turn off electricity before starting.
2. Disassemble fixture from base.
3. Make wire terminations according to the NEC® or local electrical codes.
4. Fold fixture wire into fixture base.
5. Twist on socket assembly.
6. Fixture assembly is ready for lamp and globe installation.

NOTE:

- Plastic globes mounted in a **VERTICAL POSITION** (*globe pointing down*) can only use a maximum lamp size of 60 watts
- Glass globes mounted in a **VERTICAL POSITION** can only use a maximum lamp size of 100 watts
- **HORIZONTAL** mountings have a maximum lamp size of 60 watts
- It is **NOT RECOMMENDED** to mount plastic globes horizontally for incandescent applications
- Weatherproof Fixture Bases and Globes are **SOLD SEPARATELY**

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Weatherproof Non-Metallic Fixtures and Boxes

Weatherproof Fixture

- Suitable for use in wet/damp locations
- Designed for indoor or outdoor use
- 20.25 cu. in. capacity
- Easy to install
- Non-metallic — won't rust or fade
- One-piece design
- Approved for through-branch wiring



Base



CAT. NO.	HUB SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E962E	3/4	6	4.5

Weatherproof Lighting Globes



Clear Glass

CAT. NO.	STD. CTN.	STD. WT. (LBS.)
E960GLB (Clear Glass)	6	6.6



Clear Polycarbonate

CAT. NO.	STD. CTN.	STD. WT. (LBS.)
E960PGL (Clear Plastic)	6	6.6

Weatherproof T Boxes

- Red•Dot® Weatherproof T Boxes are for use with non-metallic wiring systems only
- Can be used with Red•Dot® Lampholder

Single-Gang T Box

- With three 1/2" threaded holes
- Mounting feet included



CAT. NO.	COLOR	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E381D-CAR	Gray	1/2	10	2.3
E381DW-CAR	White	1/2	6	3.6

Double-Gang T Box

- With three 1/2" and four 3/4" threaded holes
- Mounting feet included



CAT. NO.	COLOR	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E382DE	Gray	1/2	6	3.6
E382DEW	White	1/2	6	3.6

Round T Box

- With five 1/2" threaded holes
- Mounting feet included



CAT. NO.	COLOR	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E365D-CAR	Gray	1/2	10	1.2
E365D-CAR	White	1/2	10	1.2

Weatherproof Metallic Lampholders

Lampholders, Garden Lights and Accessories

Applications:

- Security and general outdoor lighting fixture for residential and commercial applications
- Accent lighting fixture for highlighting outdoor signs and architectural details
- Compact outdoor lighting fixture which can be mounted easily in most places and can be aimed in any direction

Features/Benefits:

- Clean lines and precision manufacturing result in a fixture which will enhance any application
- High-quality replaceable porcelain socket with high-temperature leads enables easy field maintenance
- Positive-locking mounting arm keeps fixture in aimed position to reduce costly call-backs
- Ground screw boss in arm

Standard Materials:

- Fixture: Certified die-cast zinc alloy ZAMAK 3
- Gasket: Heat-resistant composition or high-temperature silicone
- Socket: Center contact, porcelain, medium base

Standard Finish:

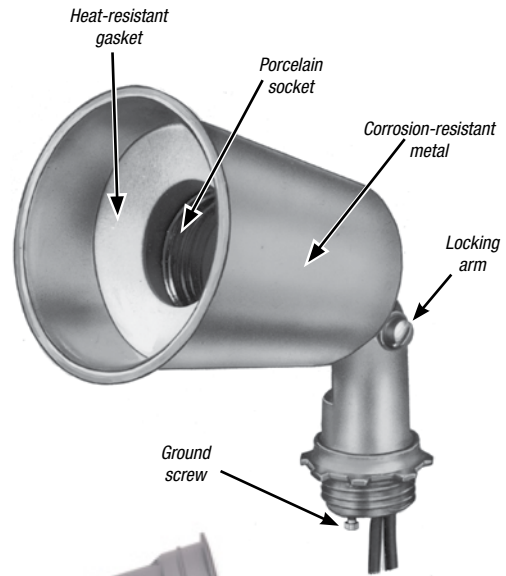
- Powder-coated finish
- Chrome-plated zinc

Compliances:

- UL® Listed
- Suitable for use in wet locations

Sample Specifications:

Lampholders shall be certified die-cast zinc alloy ZAMAK 3. Lampholder will have positive-locking mounting arm and replaceable socket. Fixture shall be Red•Dot® Dry-Tite®.
 Catalog No. _____ for use with _____ Watt incandescent lamp.



L-80-D



L-80



L-800



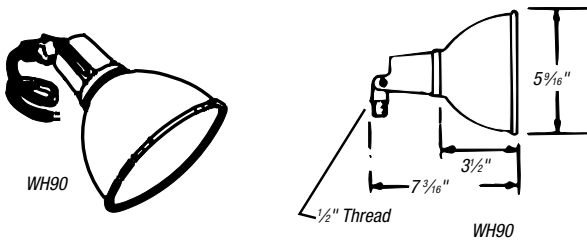
2L80D2

Weatherproof Metallic Lampholders

Use with Medium-Base PAR Lamps to 150 Watts.

Lampholders and Assemblies

Hooded Lampholders



- Heavy-duty die-cast zinc lampholder
- Corrosion-resistant aluminum hood
- Factory provided with a 3-wire, 8" pre-stripped lead

CAT. NO.	DESCRIPTION	STD. CTN.
WH90	Silver Gray, 5 1/2" Diameter Hood	6

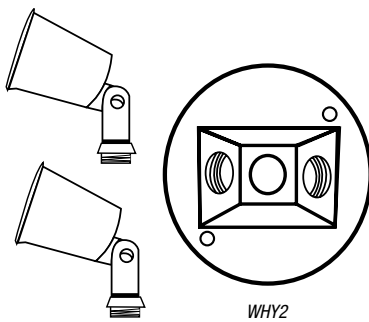
Universal Lampholders

- Heavy-duty die-cast zinc construction
- Supplied with captive lamp sealing gasket
- Current-carrying components are copper or copper-alloy materials and sockets are porcelain
- Factory provided with a 2-wire, 8" prestripped lead
- Swivel arm has grounding boss
- Ground screw supplied

CAT. NO.	DESCRIPTION	COLOR	STD. CTN.
WHG-1	Weathershed Series with Heat-Resistant Sealing Gasket	Silver gray	36
WHUP-1	Inside Gasket and Ground Screw	"Natural" color	36

UL Listed E-42680.

Lampholder Assemblies

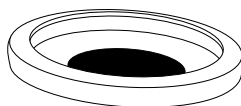


- Heavy-duty die-cast zinc construction
- Powder-coat finish in silver gray
- Completely factory assembled and factory prewired
- Surface mount to any 3" or 4" round outdoor box or flush mount to existing box

CAT. NO.	DESCRIPTION	STD. CTN.
WHY2	Two Silver Lamps, Silver-Gray Cover	5

UL Listed E-42680.

Gasket



CAT. NO.	DESCRIPTION	STD. CTN.
G1	Heat-Resistant Sealing Gasket	100

Adapters

- Heavy-duty die cast construction
- Natural cast finish



CAT. NO.	DESCRIPTION	STD. CTN.
AD11-2	"Y" Adapter — Converts One Outlet to Two — 1/2" Threads	10

UL Listed E-51763.

Weatherproof Metallic Lampholders

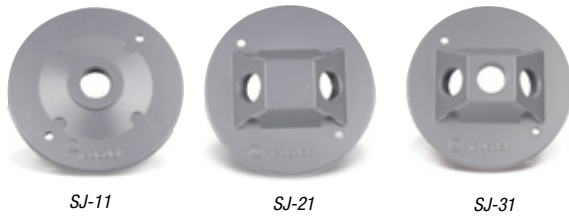
Round Lampholder Covers

Standard Covers



CAT. NO.	COLOR	HUB SIZE (IN.)	DESCRIPTION
Gasket and Screws, 4 1/8" Diameter			
S-1-RD	Silver	1/2	One Tapped Hole
S-12	Silver	3/4	One Tapped Hole
S-3-RD	Silver	1/2	Three Tapped Holes
D-PAK®			
DSS-1	Silver	1/2	One Tapped Hole
DSS-1-BR	Bronze	1/2	One Tapped Hole
DSS-1-WH	White	1/2	One Tapped Hole
DSS-3	Silver	1/2	Three Tapped Holes
DSS-3-BR	Bronze	1/2	Three Tapped Holes
DSS-3-WH	White	1/2	Three Tapped Holes
S621E	—	—	Universal Gasket

Jumbo Covers



CAT. NO.	COLOR	HUB SIZE (IN.)	DESCRIPTION
Gasket and Screws, 4 1/2" Diameter			
SJ-11	Silver	1/2	One Tapped Hole
SJ-21	Silver	1/2	Two Tapped Holes
SJ-31	Silver	1/2	Three Tapped Holes

Note: Boxes are raintight when used with appropriate Red•Dot® boxes.
All covers packed with gasket and screws.

Single-Gang Lampholder Covers



CAT. NO.	CAT. NO.	COLOR	SIZE (IN.)	DESCRIPTION
STANDARD		JUMBO		
(2 3/16" X 4 1/2")		(3 1/8" X 5 1/8")		
LC-11	LF11	—	1/2	One-Hole Device Mount
LC-21	—	—	1/2	Two-Hole Device Mount
LC-31	LF31	—	1/2	Three-Hole Device Mount
D-PAK®				
DLC-31	—	Silver	1/2	Three-Hole Device Mount
DLC-31-BR	—	Bronze	1/2	Three-Hole Device Mount
DLC-31-WH	—	White	1/2	Three-Hole Device Mount



Request Info

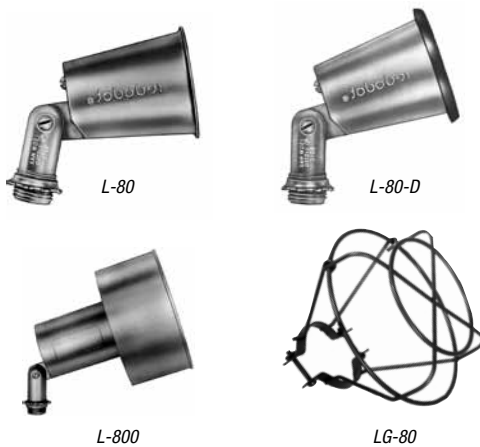


1-800-453-1692

www.aboveboardelectronics.com

Weatherproof Metallic Lampholders

Lampholders, Die-Cast Zinc Zamak 3



CAT. NO.	COLOR	LAMP MAX.	DESCRIPTION
Standard			
L-80	Silver	150W • PAR 38 or R40	Inside Gasket and Ground Screw
WHUP-1	Natural	150W • PAR 38 or R40	Inside Gasket and Ground Screw
D-PAK®			
DL-80	Silver	—	—
DL-80-BR	Bronze	—	—
DL-80-WH	White	—	—
Gasketed			
L-80-D	Silver	150W • PAR 38 or R40	Heavy-Duty Slip-On Gasket and Ground Screw
Deep-Shielded			
L-800	—	150W • PAR 38 or R40	Inside Gasket and Ground Screw
Wireguard			
LG-80	—	—	Mounts to L-80 Series Lampholder

Decorative Floodlight



CAT. NO.	COLOR	LAMP MAX.	DESCRIPTION
2L80D2	White	150W • PAR 38	Two Lampholders Round Cover, or R40 Inside Ground Screws
D-PAK®			
D2L80S3	Silver	—	—

Spike Lights

Portable Mount

For use with 150-Watt Lamp

- Lampholders are heavy-duty die-cast construction
- Lampholders have powder-coat green finish
- Current-carrying components are copper or copper alloy and sockets are porcelain
- Factory wired

CAT. NO.	DESCRIPTION	STD. CTN.
B660GR	Spike Light with 6' Cord	16

UL Listed E-42680.

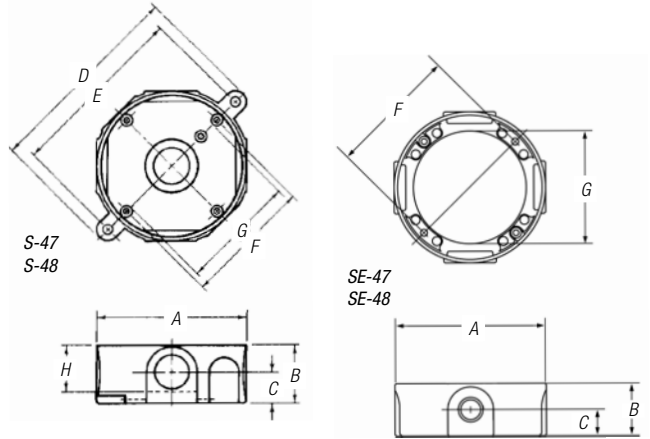
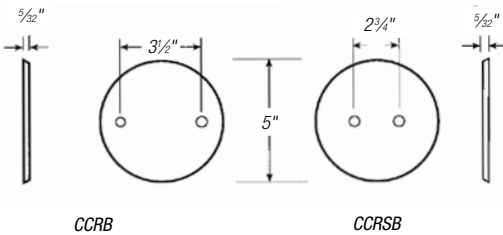
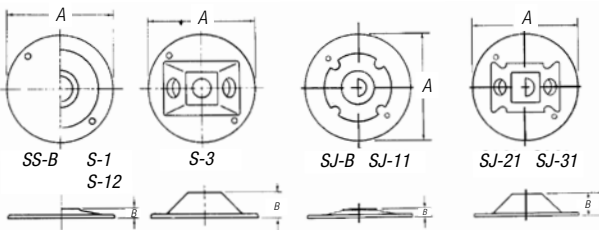
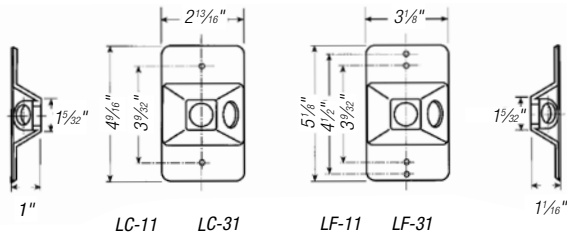
Portable Spotlights



CAT. NO.	COLOR	LAMP MAX.	DESCRIPTION
K702	Silver	150W • PAR 38 or R40	Standard Lampholder, Ground Spike, Wall Bracket, Gasket and Screws
K780	Silver	150W • PAR 38 or R40	Deep-Shielded Lampholder, Ground Spike, Wall Bracket, Gasket and Screws
K780BR	Bronze	150W • PAR 38 or R40	Standard Lampholder, Ground Spike, Wall Bracket, Gasket and Screws

Weatherproof Metallic Lampholders

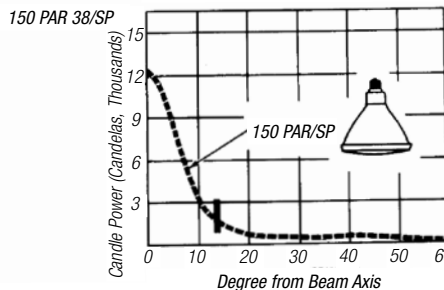
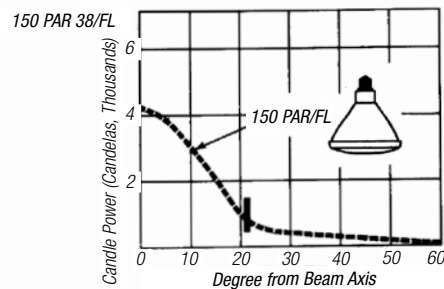
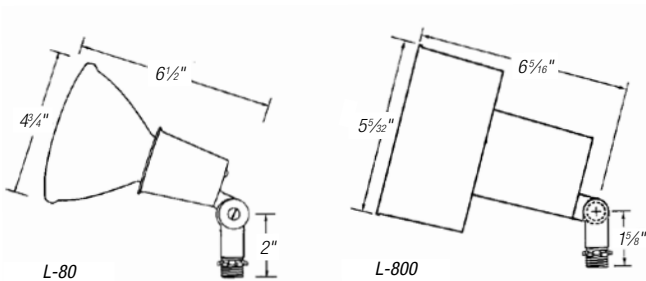
Dimensions in Inches



CAT. NO.	HUB SIZE	DIMENSIONS (IN.)								
		A	B	C	D	E	F	G	H	CI
S-47	1/2	4 1/8	1 3/8	3/4	5 5/16	4 1/16	3 1/2	3 3/8	1 1/4	16.0
SE-47	1/2	4 1/8	1 3/8	1	—	—	3 1/2	3 3/8	—	18.3
S-48	3/4	4 1/8	1 3/8	7/8	5 5/16	4 1/16	3 1/2	3 3/8	1 1/4	16.0
SE-48	3/4	4 1/8	1 3/8	1 1/16	—	—	3 1/2	3 3/8	—	18.3
SS-B	—	4 1/8	3/64	—	—	—	—	—	—	—
S-1	1/2	4 1/8	3/8	—	—	—	—	—	—	—
S-12	3/4	4 1/8	3/8	—	—	—	—	—	—	—
S-3	1/2	4 1/8	1	—	—	—	—	—	—	—
SJ-B	—	4 1/2	3/8	—	—	—	—	—	—	—
SJ-11	1/2	4 1/2	3/8	—	—	—	—	—	—	—
SJ-21	1/2	4 1/2	1	—	—	—	—	—	—	—
SJ-31	1/2	4 1/2	1	—	—	—	—	—	—	—

Photometrics

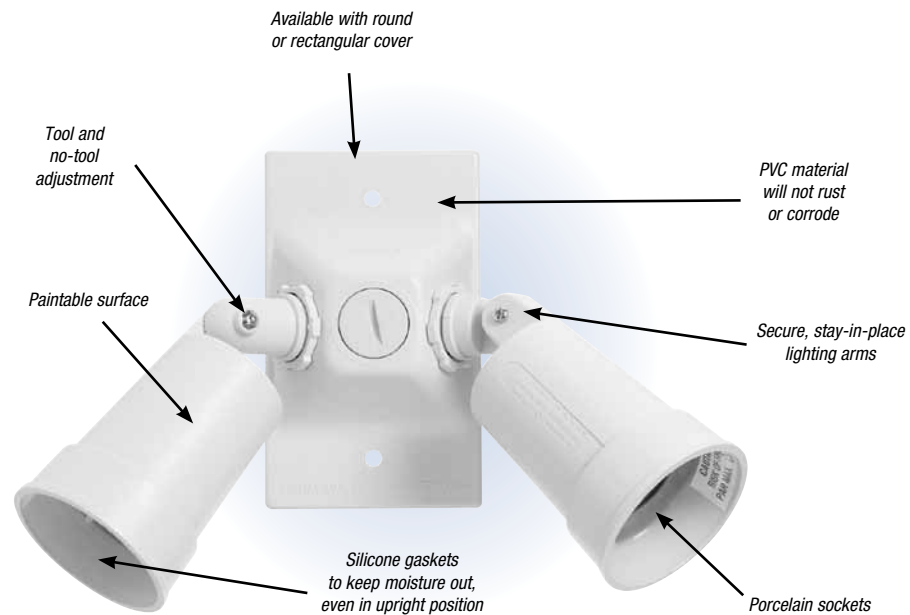
Photometrics are strictly a function of the lamp used.



Weatherproof Non-Metallic Lampholders

Red•Dot® Non-Metallic Weatherproof Lampholders

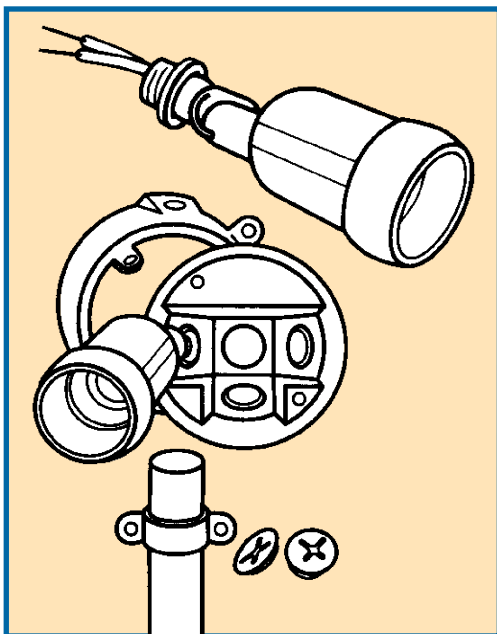
- UV resistant — suitable for outdoor use
- Accepts 150-watt bulb max (incandescent only)
- Non-metallic/noncorrosive
- UL® and cUL Listed
- Approved for upward use in wet locations



Boxes & Covers — Red•Dot® Weatherproof

Installation

- Includes gasket, four lug nuts and two mounting screws



Installation Instructions:

1. Turn off electricity before starting.
2. Bring power leads into the outlet box and connect using proper wire nuts or insulation materials.
3. Use drill or nail to knock out holes on lampholder cover that align with outlet box. When completed, be sure visual perimeter of weatherproof gasket is even to ensure proper seal.
4. Floodlight lampholders can be positioned using two different adjustments. Loosen locknut to turn lampholder assembly to desired position. Tighten locknut. Then depress pushbutton to adjust lampholder to final position.

Weatherproof Non-Metallic Lampholders

Lampholders

- For use in wet/damp locations
- Ideal for residential or commercial applications — security/landscape
- Mounts to a device box
- Non-metallic — won't rust or fade
- Paintable
- Easy to install
- Stay-in-place lighting arms



E70380
E183934
Except where noted by ▶



No-Tool Lampholder with Round Cover

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
P8060W-CAR	White	6	5.8



Lampholder with Round Cover

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
P8010W-CAR	White	6	3.9



Lampholder with Rectangular Cover

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
P8005W-CAR	White	6	3.8

Covers



Rectangular

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
P7901W-CAR	White	12	.9



Round

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
P7801W-CAR	White	16	1.6

Accessories



No-Tool Lampholder with Gasket

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
P8001W-CAR	White	24	5.5

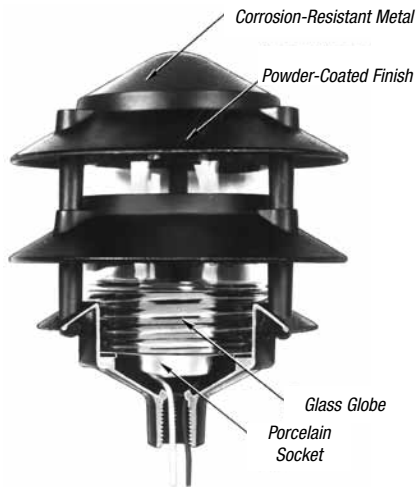


Closure Plugs

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
▶ P7701W-CAR	White	30	1.3

Outdoor Lighting

SiteLight® Landscape Lights



Applications:

- Lighting for walkways, paths or driveways
- Accent lighting for garden and terrace areas
- Ground-level security lighting

Features/Benefits:

- Certified zinc alloy provides increased corrosion resistance
- High-quality replaceable porcelain socket with high-temperature leads enables easy field maintenance

Standard Materials:

- Fixture: Die-cast zinc alloy ZAMAK 3
- Globe: Lime crystal glass
- Socket: Center contact, porcelain, medium base

Standard Finish:

- Green powder-coated finish
- Bronze powder-coated finish

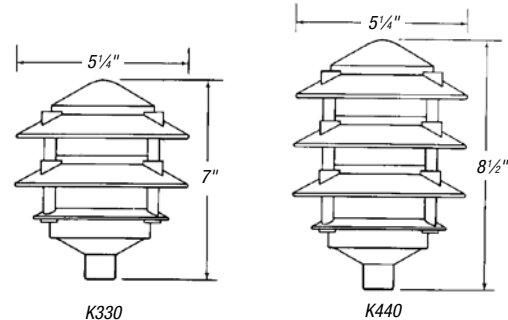
Compliances:

- UL® Listed
- Suitable for use in wet locations

Sample Specifications:

- Fixture shall be certified die-cast zinc alloy ZAMAK 3; socket shall be porcelain, center contact and replaceable; socket shall have extended leads for easy wiring; fixture shall be Red•Dot® Dry-Tite®

Catalog No. _____

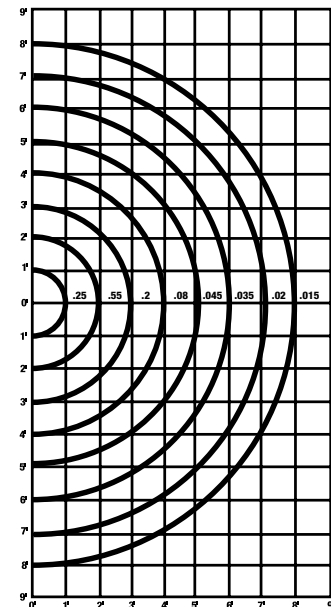


Photometrics:

Based on lamp center 24" above ground

Based on 100-Watt A-19 inside-frosted 1750-lumen lamp. For other wattage see table below.

WATTAGE	MULTIPLIER
100	1.0
75	.68
60	.44
50	.27
40	.26
25	.13



Three Tier



CAT. NO.	COLOR	LAMP MAX.	DESCRIPTION
K330	Green	75W•	12" Extended
K330BR	Bronze		Leads, Gasket
VGL-075			and Ground Screw Globe

Four Tier



CAT. NO.	COLOR	LAMP MAX.	DESCRIPTION
K440	Green	100W•	12" Extended
K440BR	Bronze		Leads, Gasket
VGL-01			and Ground Screw Globe

Note: Lamp not included

www.tnb.com

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Technical Services
Tel: 888.862.3289



Request Info

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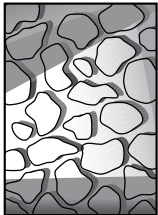
Outdoor Lighting

Step Up to SiteLight® Line Voltage Outdoor Lighting.

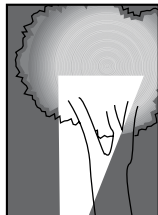
Planning your Outdoor Lighting

On graph paper, outline your home and grounds. Indicate key features you wish to highlight such as stairways, statuary, shrubbery or flowering plants. SiteLight® **Spot Lights** and **Swivel Lights** provide focused illumination to showcase these areas.

The diagrams below show how you can achieve three special lighting effects with SiteLight® **Spot Lights** and **Swivel Lights**.



*Grazing
from side or bottom
to show texture*



*Uplighting
from below makes
details stand out*



*Silhouetting
from behind
provides drama*

For decks, Post Sconce Lights mounted on deck posts provide glare-free perimeter lighting and mid-stair lighting. Post Top Lights are ideal for lighting stairs and rails.

Use SiteLight® Path Lights and Swivel Lights for pathways, driveways and general garden lighting. The chart below will help you determine fixture spacing.

BRIGHT & EVEN	MEDIUM DAPPLED	SOFT MOOD
8'-10'	12'-18'	Over 20'

SiteLights® are permanent, all-metal fixtures guaranteed for a lifetime.

SiteLight® Line Voltage Outdoor Lighting

For outdoor lighting, nothing compares to the full power (120V) and beauty of SiteLight®. SiteLight® uses regular household voltage and standard bulbs that are readily available. There are no expensive transformers to purchase or replace. With SiteLight®, you can add fixtures when and where you want them and still enjoy lighting that is up to five times brighter than low-voltage.

Use SiteLight® to highlight gardens, statuary, shrubbery and to effectively light decks, stairs, pathways, pools and driveways. SiteLight® meets every outdoor lighting need... from soft, indirect deck lighting, to brilliant, focused spot lighting. Use SiteLight® to beautify your property while enhancing safety and security.

Step up to SiteLight® line voltage outdoor lighting and add permanent value to your home.



Compare SiteLight® to Low-Voltage Sets

- SiteLight® is up to five times brighter than low-voltage — more light with fewer fixtures than with low-voltage sets
- SiteLight® gives you flexibility in spacing, the number of fixtures and the length-of-run. Light where you need it — low-voltage sets have a fixed limit on length-of-run and the number of fixtures
- SiteLight® uses regular household current — no expensive low-voltage transformer to purchase or replace
- SiteLight® uses readily available, standard bulbs — low-voltage bulbs are often found only where sets are sold
- SiteLight® lets you add on fixtures by tapping into run — low-voltage sets will generate even less light if transformers are at capacity

SiteLight® Meets Every Outdoor Lighting Need

- From soft, indirect deck lighting to brilliant, focused spot lighting, use SiteLight® to beautify any property while enhancing safety and security
- Lighting for walkways, pathways and driveways
- Stairway, perimeter and task lighting for decks
- Accent and ambient lighting for pool/patio and garden areas
- Highlighting to emphasize landscape details or specific objects
- Ground-level safety/security lighting to illuminate dark areas

Outdoor Lighting

We've Made Installation Easy.

Everything you need is included in the SiteLight® Kit, except a bulb, supply cable and tools (screwdriver, wire strippers, etc.). Only three connections are required to wire each fixture to the supply cable. With the SiteLight® PVC in-ground mounting tube, there is no need to pour concrete to secure the fixtures. Just position the tube and pack dirt around it. Attach your SiteLight® to the mounting tube and your installation is complete.

SiteLight® is designed for a lifetime of trouble-free use. SiteLight® is high-quality, permanent lighting built to add value and beauty to your home.

Applications:

- Lighting for walkways, pathways and driveways
- Stairway, perimeter and task lighting for decks
- Accent and ambient lighting for pool/patio and garden areas
- Highlighting to emphasize landscape details or specific objects
- Ground-level safety/security lighting to illuminate dark areas

Features/Benefits:

- Copper-free* aluminum construction provides increased corrosion resistance
- Sturdy die-cast aluminum construction provides durability
- Architectural bronze color blends into landscape and deck areas
- High-quality, replaceable porcelain socket with brass screw shell (except K851BR, K852BR)
- Aluminum mounting tube cap houses and protects wire connection (ground-installed fixtures)
- PVC ground tube provides an innovative installation method saving costly labor and traditional installation materials (ground-installed fixtures)
- Wire connectors and ground wire enable safe, easy power connections
- Tempered glass lens and silicon gaskets keep socket dry (K831BR, CS841BR, K861BR)
- Positive locking arm can be adjusted to the desired position (K831BR, CS841BR, K861BR)
- Fixtures use regular household voltage (120V)

Standard Materials:

- Fixture: Die-cast aluminum alloy A360 with less than .004% copper content (copper free*)
- Lens: Tempered glass (K831BR, CS841BR, K861BR)
- Lens: Polycarbonate (K811BR, K812BR, K821BR, K822BR, K851BR)
- Socket: Porcelain, center contact, brass screw shell, medium base (K811BR, K812BR, K821BR, K822BR, K831BR, CS841BR, K861BR), molded plastic socket with candelabra base (K851BR and K852BR)
- Mounting Tube: Gray PVC, schedule 40 (ground-installed fixtures)

Standard Finish:

- Bronze powder-coated finish

Compliances:

- UL® Listed
- Suitable for use in wet locations
- Ground mounting (suitable for use 4' or less above grade level) except K852BR and K861BR

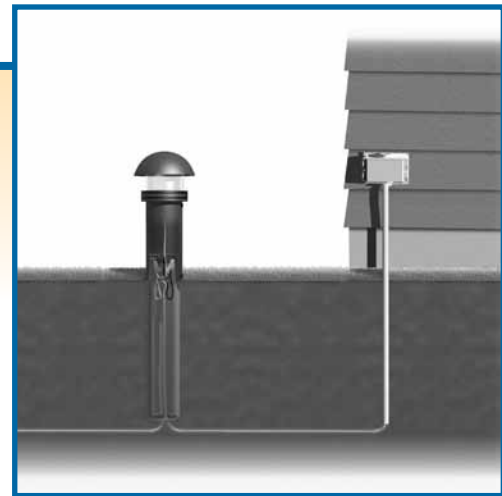
Sample Specifications:

- Fixture shall be die-cast copper-free* aluminum alloy A360, with bronze powder-coated finish. Sockets shall be porcelain, center contact, brass screw shell-medium base for K811BR, K812BR, K821BR, K822BR, K831BR, K841BR and K861BR fixtures. Sockets shall be molded plastic with candelabra screw base for K851BR and K852BR fixtures. All sockets shall have extended leads for easy wiring.

Easy to Install:

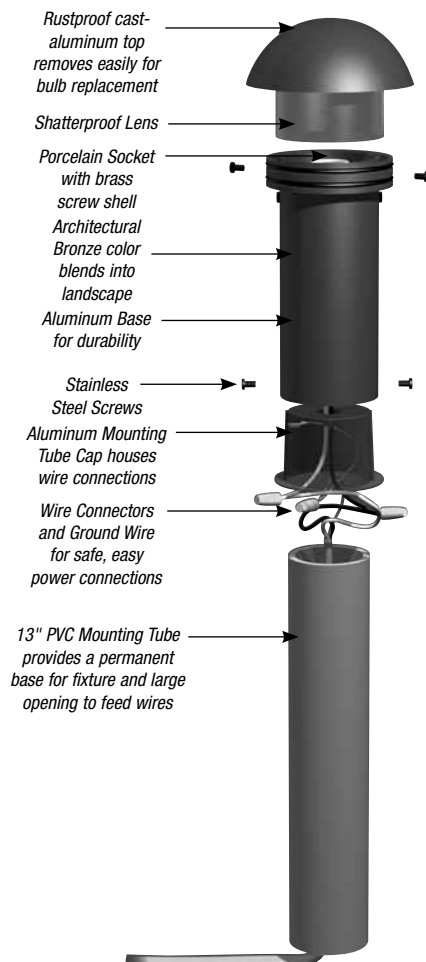
- Only three wire connections per fixture are required
- No need to pour concrete
- All connections are made above ground

* Less than .004% copper content



Boxes & Covers — Red•Dot® Weatherproof

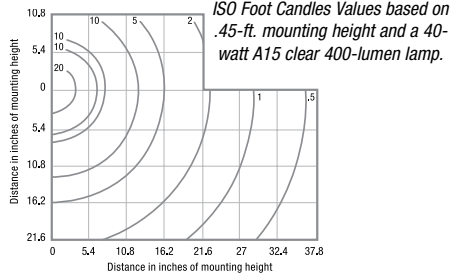
Quality Construction



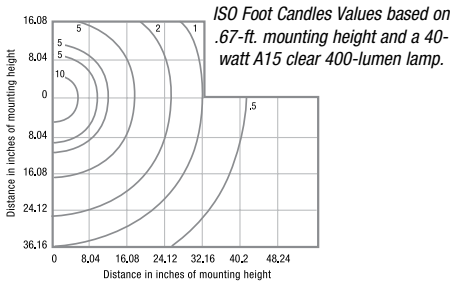
Outdoor Lighting



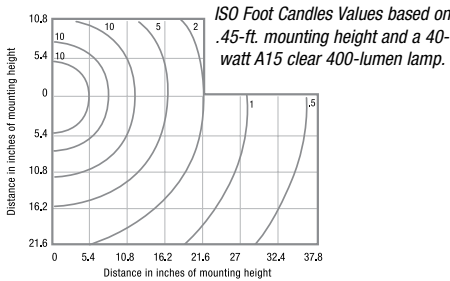
K812BR,
7.5" Height Option



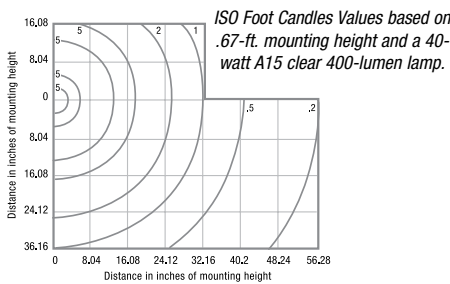
K812BR,
10" Height Option



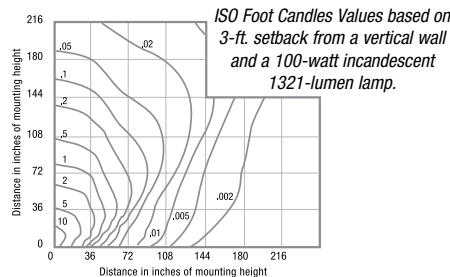
K822BR,
7.5" Height Option



K822BR,
10" Height Option



CS841BR



7.5"/10" Path Light

See pages A-250–A-251 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K812BR	7.5"/10" Path Light with 13" x 2" Schedule 40 PVC Mounting Tube	A15 40W (max.)/ 120V medium base	8'–10' apart: bright and even, 12'–18' apart: medium dappled, 20' or more: soft mood

Fixture can be configured for either height – extension sleeve included.

7.5"/10" Path Light

See pages A-252–A-253 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K822BR	7.5"/10" Path Light with 13" x 2" Schedule 40 PVC Mounting Tube	A15 40W (max.)/ 120V medium base	8'–10' apart: bright and even, 12'–18' apart: medium dappled, 20' or more: soft mood

Fixture can be configured for either height – extension sleeve included.

Ground Spot Light

See page A-254 for specifications

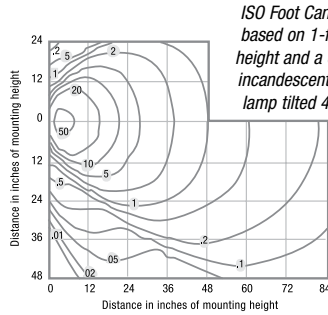
CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
CS841BR	Ground Spot Light with 13" x 2" Schedule 40 PVC Mounting Tube	R20 100W (max.)/ 120V medium base	One to two for each object to be highlighted or as required for special lighting effects

Outdoor Lighting

Boxes & Covers — Red•Dot® Weatherproof



K831BR



ISO Foot Candles Values based on 1-ft. mounting height and a 60-watt A15 incandescent 740-lumen lamp tilted 45° degrees.

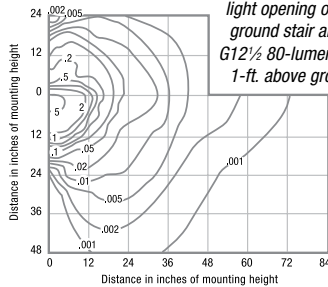
17.5" Swivel Light

See page A-255 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K831BR	17.5" Swivel Light with 13" x 2" Schedule 40 PVC Mounting Tube	General lighting: A15 60W (max.)/ 120V medium base spot lighting: R16 60W (max.)/ 120V medium base	General lighting: 8'-10' apart: bright and even, 12'-18' apart: medium dappled, 20' or more: soft mood, spot lighting: one to two for each object to be highlighted



K851BR



ISO Foot Candles Values based on 1-ft. mounting height from light opening of luminaire to ground stair and a 10-watt G12 1/2 80-lumen lamp on lens 1-ft. above ground or stair.

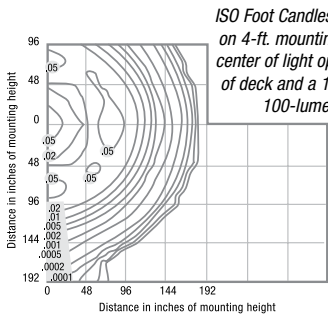
Post Sconce Light

See page A-256 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K851BR	Post Sconce Light with Metal Back Plate and Mounting Hardware	G12 1/2 10W (max.)/ 120V candelabra base	On each post or every other post depending on desired brightness, mounts to standard 4 x 4 post



K852BR



ISO Foot Candles Values based on 4-ft. mounting height from center of light opening to base of deck and a 15-watt G12 1/2 100-lumen lamp.

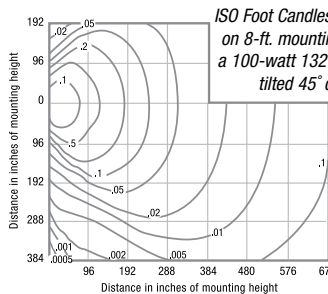
Post Top Light

See page A-257 for specifications

CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K852BR	Post Top Light with Metal Back Plate and Mounting Hardware	G12 1/2 10W (max.)/ 120V candelabra base	On each post or every other post depending on desired brightness, mounts to standard 4 x 4 post



K861BR



ISO Foot Candles Values based on 8-ft. mounting height and a 100-watt 1321-lumen lamp tilted 45° degrees.

Wall Spot

See page A-258 for specifications

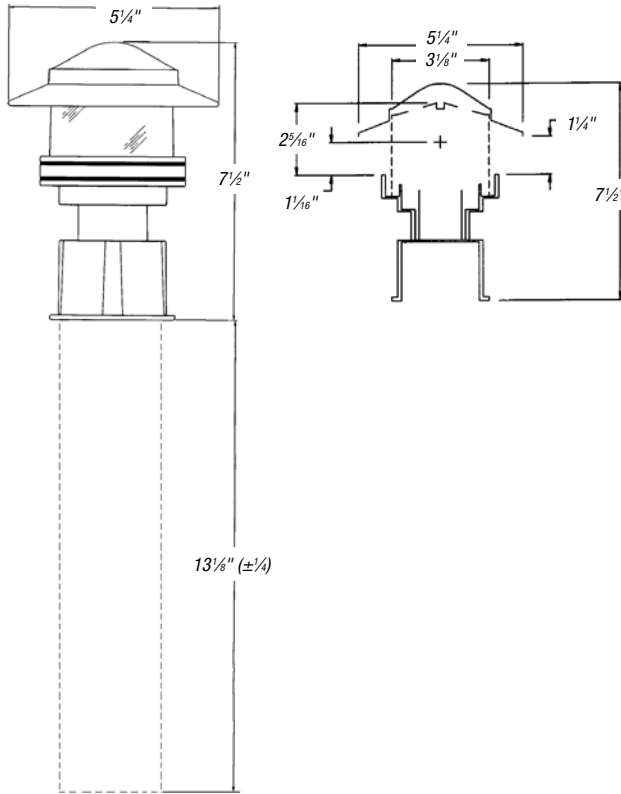
CAT. NO.	DESCRIPTION	LAMP REQUIRED	SPACING
K861BR	Wall Spot with Cover (box not included)	R20 100W (max.)/ 120V medium base	One to two on most average size decks or exterior walls

Outdoor Lighting

K812BR Specifications

Dimensions

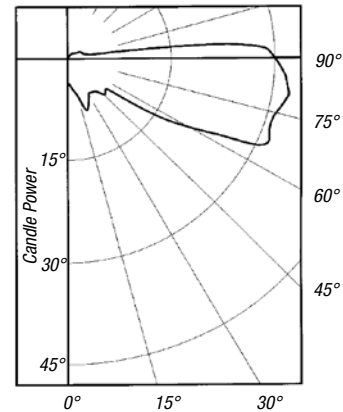
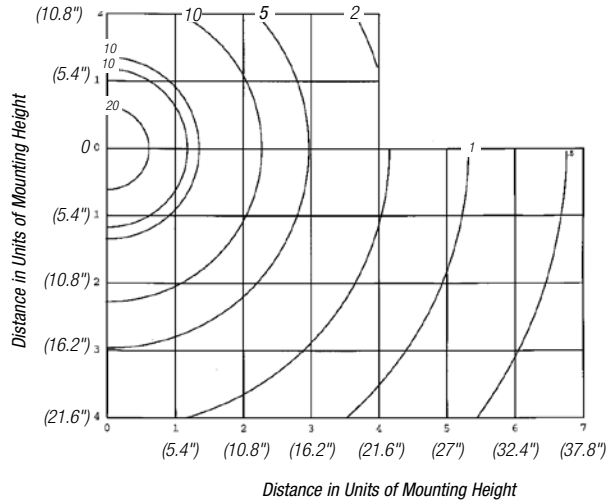
- 7.5" height option



See following page for 10" height.

ISO Foot Candles

Values based on .45 (5.4") foot mounting height and a 40-watt A15 clear 400-lumen lamp.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	5	1.4	3.6
0-40	9	2.3	6.2
0-60	26	6.4	17.1
0-90	121	30.2	80.7
90-120	26	6.5	17.4
90-130	27	6.8	18.3
90-150	29	7.2	19.3
90-180	29	7.2	19.3
0-180	150	37.4	100.0

Total Luminaire Efficiency = 37.4%

DEG	CANDELA	LUMENS
0	4	—
5	4	0
15	6	2
25	7	3
35	6	4
45	7	5
55	11	11
65	30	28
75	31	33
85	32	34

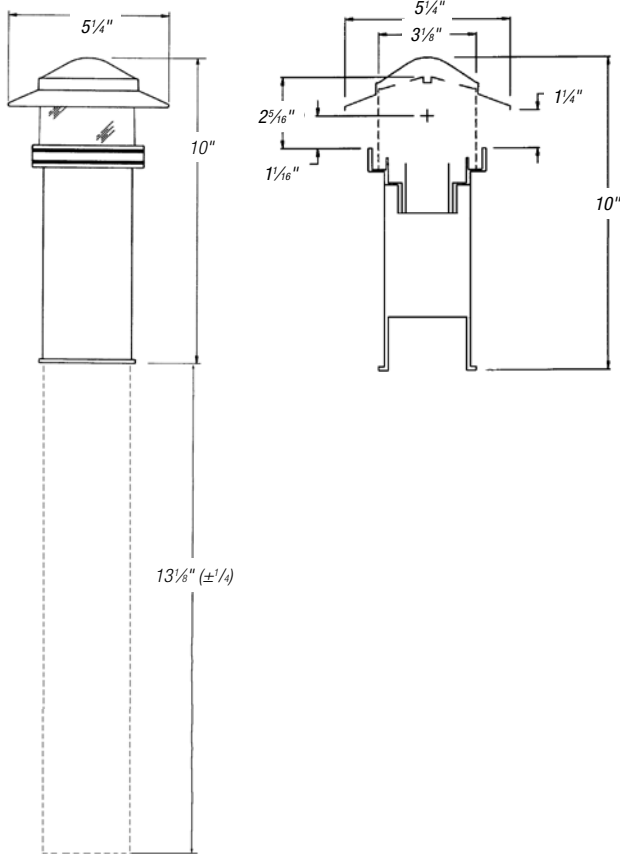
DEG	CANDELA	LUMENS
90	30	—
95	24	21
105	3	3
115	2	2
125	2	1
135	1	1
145	1	1
155	0	0
165	0	0
175	0	0
180	0	—

Outdoor Lighting

K812BR Specifications

Dimensions

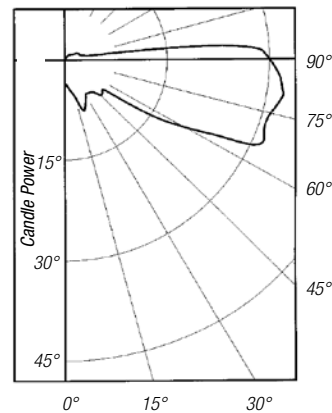
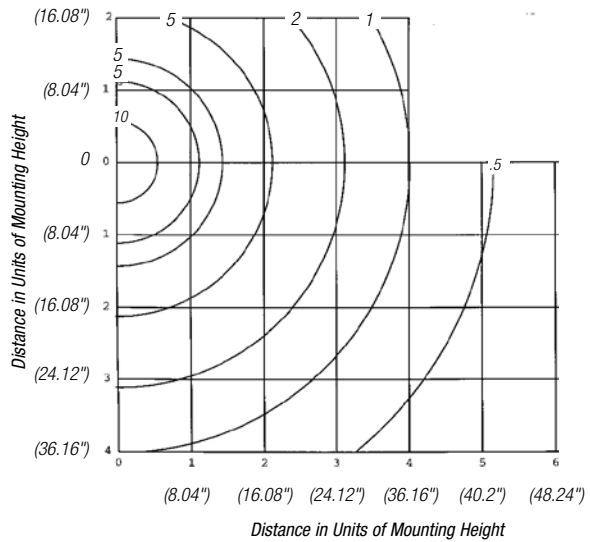
- 10" height option



See previous page for 7.5" height.

ISO Foot Candles

Values based on .67 (8.04") foot mounting height and a 40-watt A15 clear 400-lumen lamp.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	5	1.4	3.6
0-40	9	2.3	6.2
0-60	26	6.4	17.1
0-90	121	30.2	80.7
90-120	26	6.5	17.4
90-130	27	6.8	18.3
90-150	29	7.2	19.3
90-180	29	7.2	19.3
0-180	150	37.4	100.0

Total Luminaire Efficiency = 37.4%

DEG	CANDELA	LUMENS
0	4	—
5	4	0
15	6	2
25	7	3
35	6	4
45	7	5
55	11	11
65	30	28
75	31	33
85	32	34

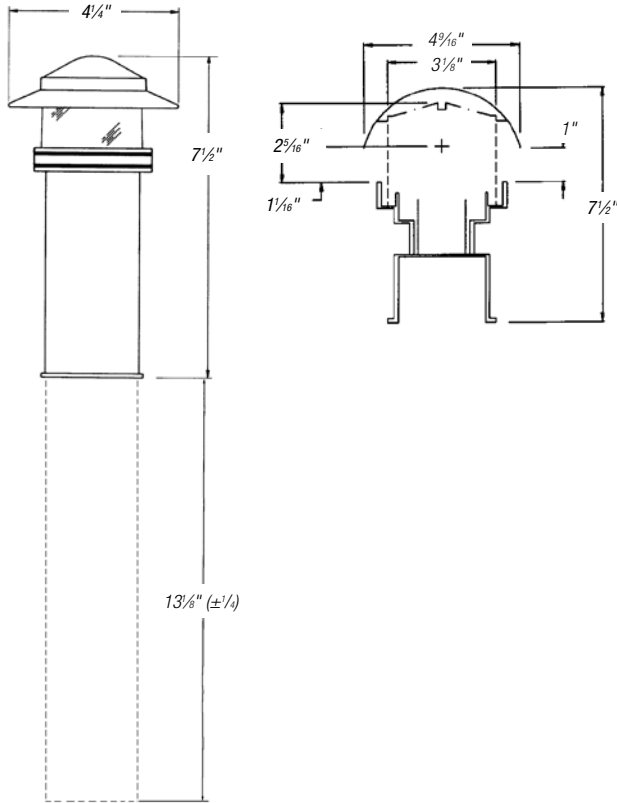
DEG	CANDELA	LUMENS
90	30	—
95	24	21
105	3	3
115	2	2
125	2	1
135	1	1
145	1	1
155	0	0
165	0	0
175	0	0
180	0	—

Outdoor Lighting

K822BR Specifications

Dimensions

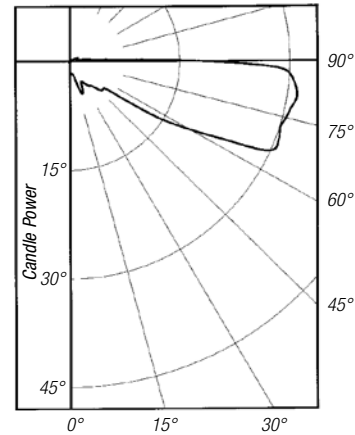
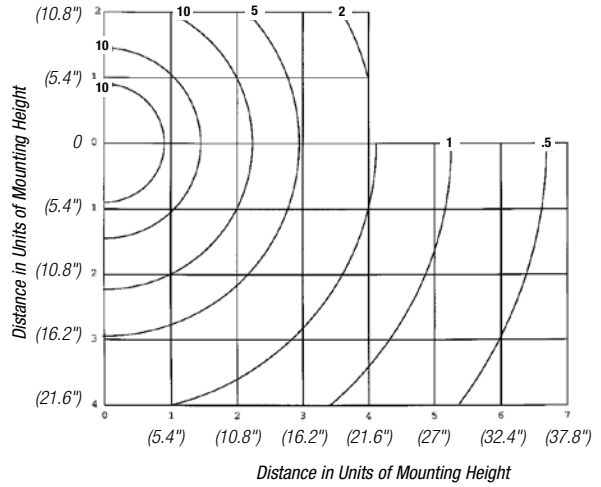
- 7.5" height option



See following page for 10" height.

ISO Foot Candles

Values based on .45 (5.4") foot mounting height and a 40-watt A15 clear 400-lumen lamp.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	3	0.7	2.4
0-40	5	1.3	4.5
0-60	19	4.8	16.3
0-90	111	27.8	94.6
90-120	6	1.5	5.2
90-130	6	1.6	5.4
90-150	6	1.6	5.4
90-180	6	1.6	5.4
0-180	118	29.4	100.0

Total Luminaire Efficiency = 29.4%

DEG	CANDELA	LUMENS
0	2	—
5	2	0
15	3	1
25	4	2
35	4	2
45	6	4
55	10	10
65	29	27
75	31	32
85	31	33

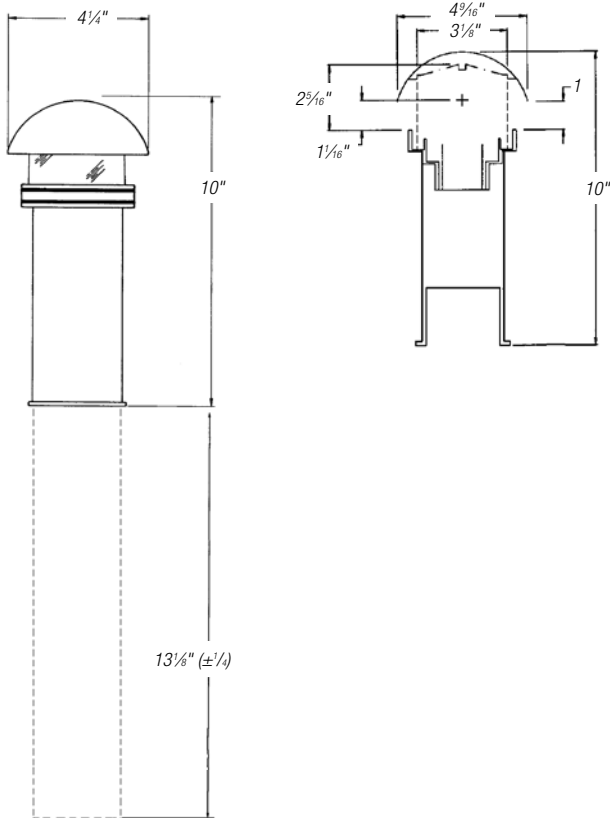
DEG	CANDELA	LUMENS
90	22	—
95	3	4
105	1	1
115	1	0
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	—

Outdoor Lighting

K822BR Specifications

Dimensions

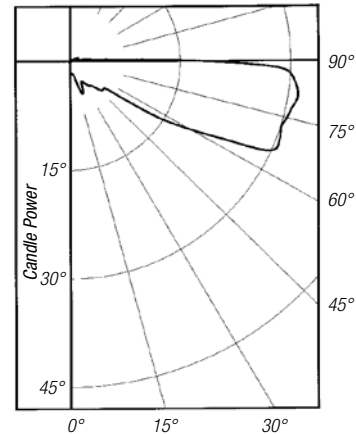
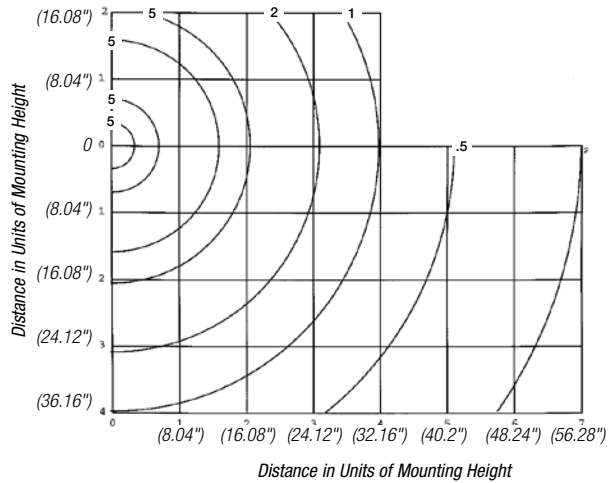
- 10" height option



See previous page for 7.5" height.

ISO Foot Candles

Values based on .67 (8.04") foot mounting height and a 40-watt A15 clear 400-lumen lamp.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	3	0.7	2.4
0-40	5	1.3	4.5
0-60	19	4.8	16.3
0-90	111	27.8	94.6
90-120	6	1.5	5.2
90-130	6	1.6	5.4
90-150	6	1.6	5.4
90-180	6	1.6	5.4
0-180	118	29.4	100.0

Total Luminaire Efficiency = 29.4%

DEG	CANDELA	LUMENS
0	2	—
5	2	0
15	3	1
25	4	2
35	4	2
45	6	4
55	10	10
65	29	27
75	31	32
85	31	33

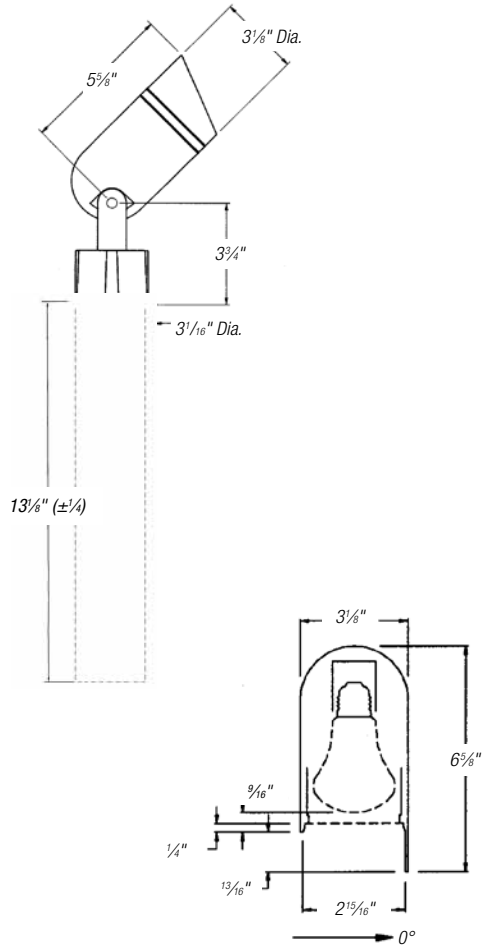
DEG	CANDELA	LUMENS
90	22	—
95	3	4
105	1	1
115	1	1
125	0	0
135	0	0
145	0	0
155	0	0
165	0	0
175	0	0
180	0	—

Boxes & Covers — Red•Dot® Weatherproof

Outdoor Lighting

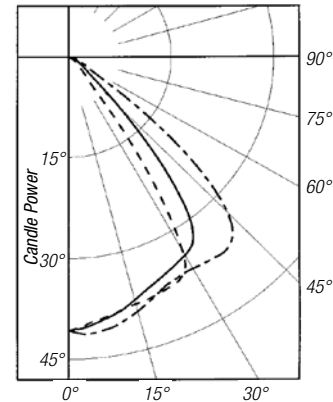
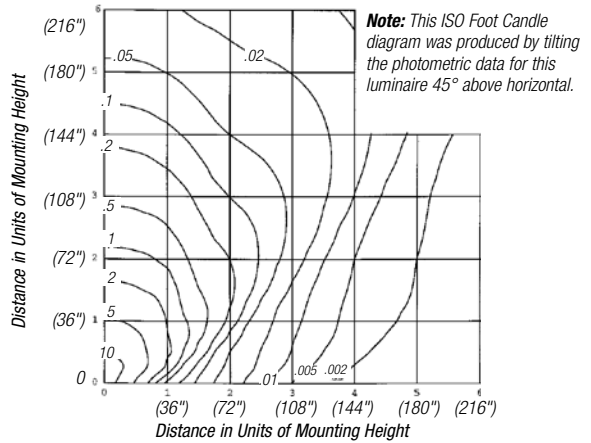
CS841BR Specifications

Dimensions



ISO Foot Candles

Values based on 3 (36") foot setback from a vertical wall and a 100-watt incandescent 1321-lumen lamp.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	104	7.9	47.7
0-40	165	12.5	75.3
0-60	214	16.2	97.7
0-90	219	16.6	100.0
90-120	0	0.0	0.0
90-130	0	0.0	0.0
90-150	0	0.0	0.0
90-180	0	0.0	0.0
0-180	219	16.6	100.0

Total Luminaire Efficiency = 16.6%

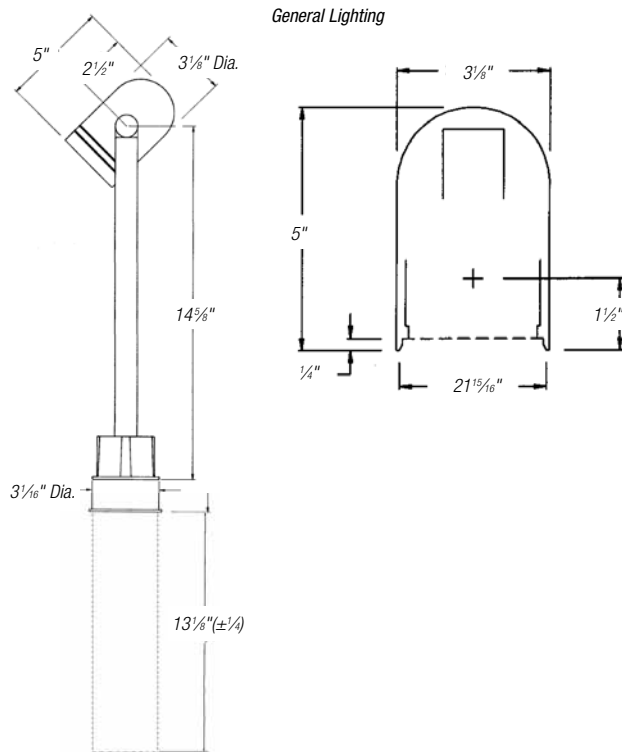
CANDELA DISTRIBUTION HORIZONTAL DEGREES

Vertical Degrees	CANDELA DISTRIBUTION HORIZONTAL DEGREES					FLUX
	0.0	45.0	90.0	135.0	180.0	
0	136	136	136	136	136	—
5	132	132	133	136	138	13
15	127	124	125	128	131	36
25	124	121	117	126	122	56
35	58	77	106	125	122	61
45	9	12	35	93	109	37
55	5	6	9	14	31	11
65	0	1	4	6	8	4
75	0	0	0	2	3	1
85	0	0	0	0	1	0
90	0	0	0	0	1	—

Outdoor Lighting

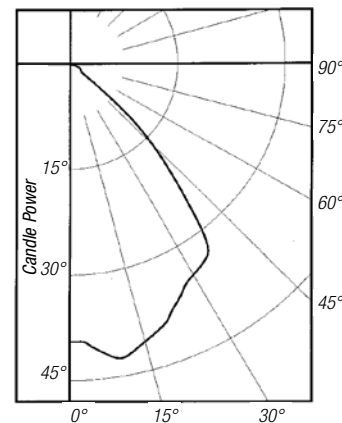
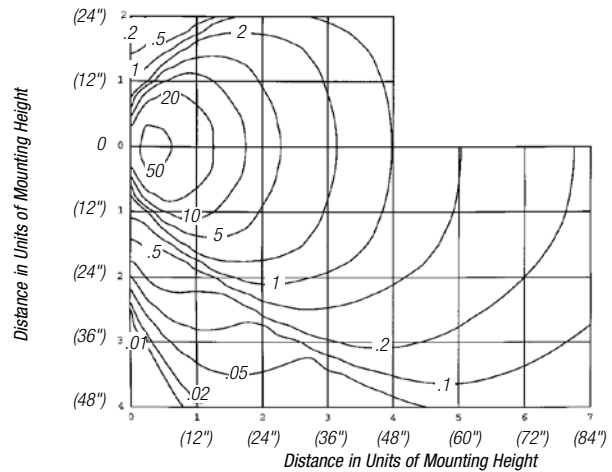
K831BR Specifications

Dimensions



ISO Foot Candles

Values based on 1 (12") foot mounting height and a 60-watt A15 incandescent 740 lumen lamp tilted 45°.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	65	8.7	47.2
0-40	105	14.2	77.0
0-60	134	18.1	97.7
0-90	137	18.5	100.0
90-180	0	0.0	0.0
0-180	137	18.5	100.0

Total Luminaire Efficiency = 18.5%

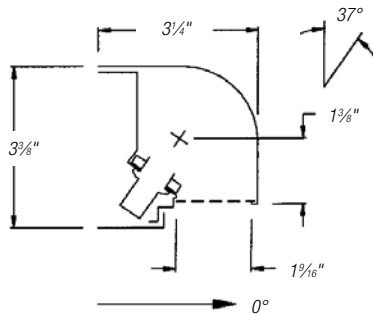
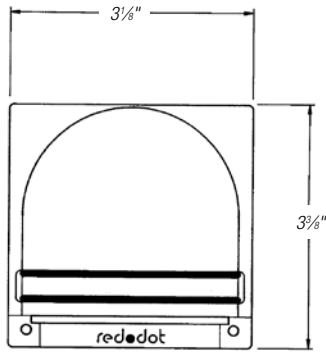
DEG	CANDELA	LUMENS
0	79	—
5	81	8
15	82	23
25	73	34
35	67	41
45	33	25
55	4	3
65	3	3
75	0	0
85	0	0
90	0	—

Boxes & Covers — Red•Dot® Weatherproof

Outdoor Lighting

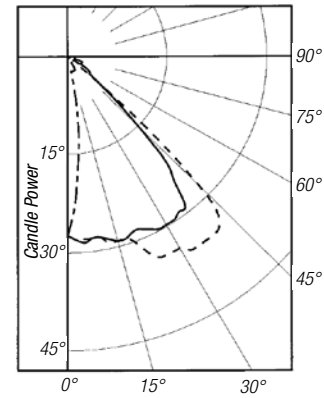
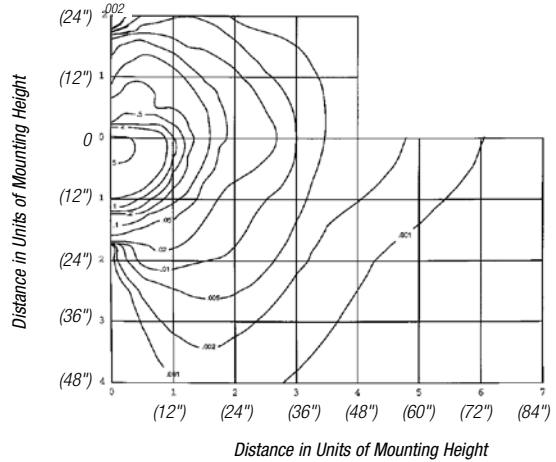
K851BR Specifications

Dimensions



ISO Foot Candles

Values based on 1 (12") foot mounting height from light opening of luminaire to ground stair and a 10-watt G12½ 80-lumen lamp on lens 1-ft. above ground or stair.



Legend
 0-Deg:
 90-Deg:
 180-Deg:

Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	4	4.5	38.7
0-40	6	7.7	66.3
0-60	9	11.0	94.3
0-90	9	11.6	100.0
90-180	0	0.0	0.0
0-180	9	11.6	100.0

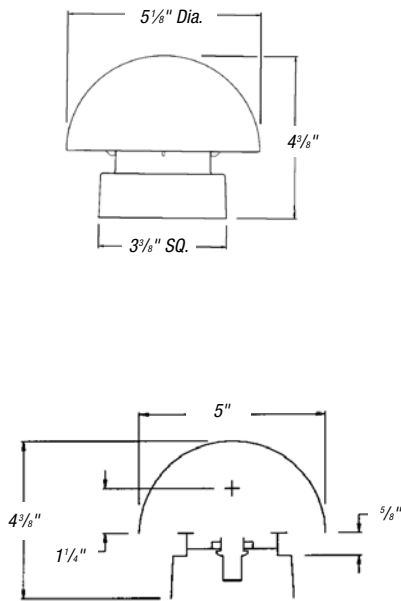
Total Luminaire Efficiency = 11.6%.

Vertical Degrees	CANDELA DISTRIBUTION HORIZONTAL DEGREES					FLUX
	0.0	45.0	90.0	135.0	180.0	
0	5	5	5	5	5	—
5	6	6	6	5	3	0
15	6	6	6	2	0	1
25	7	7	6	1	0	2
35	7	7	6	1	0	3
45	6	5	3	1	0	2
55	0	1	1	1	0	1
65	0	0	0	0	0	0
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	—

Outdoor Lighting

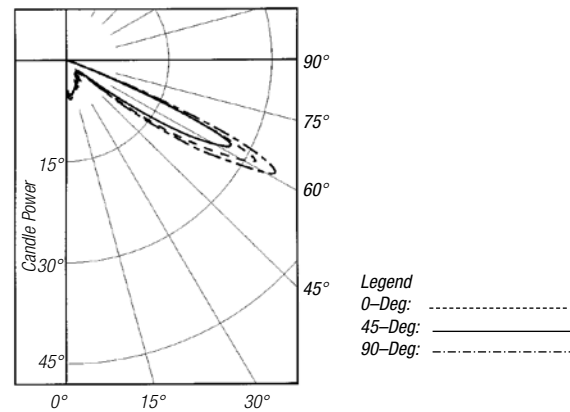
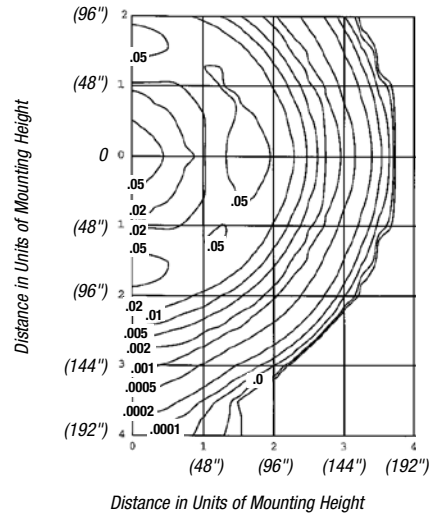
K852BR Specifications

Dimensions



ISO Foot Candles

Values based on 4 (48") foot mounting height from center of light opening to base of deck and a 15-watt G16 1/2 100-lumen lamp.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	1	0.9	8.7
0-40	1	1.3	12.8
0-60	5	5.5	52.7
0-90	10	10.4	100.0
90-180	0	0.0	0.0
0-180	10	10.4	100.0

CANDELA DISTRIBUTION HORIZONTAL DEGREES

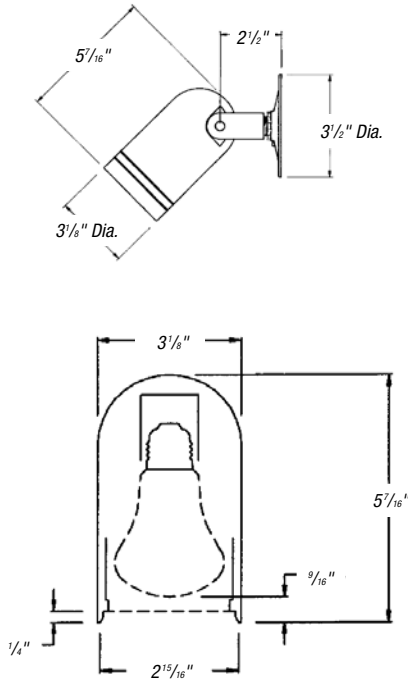
Vertical Degrees	CANDELA DISTRIBUTION HORIZONTAL DEGREES					FLUX
	0.0	45.0	90.0	135.0	180.0	
0	1	1	1	1	1	—
5	2	1	1	1	1	0
15	1	1	1	1	1	0
25	1	1	1	1	1	0
35	1	1	1	1	1	0
45	1	1	1	1	1	1
55	5	3	3	4	6	4
65	6	5	5	5	7	5
75	0	0	0	0	0	0
85	0	0	0	0	0	0
90	0	0	0	0	0	—

Boxes & Covers — Red•Dot® Weatherproof

Outdoor Lighting

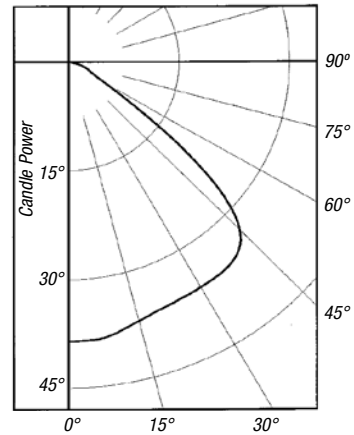
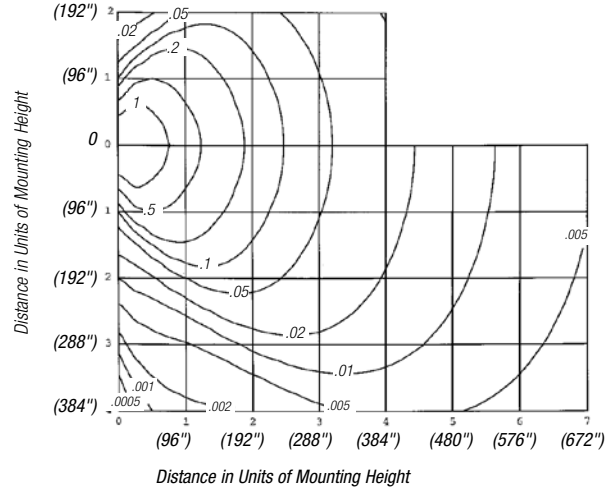
K861BR Specifications

Dimensions



ISO Foot Candles

Values based on 8 (96") foot mounting height and a 100-watt 1321-lumen lamp tilted 45°.



Zonal Lumen Summary

ZONE DEG.	LUMENS	% OF LAMP OUTPUT BASED ON 400 LUMENS	% OF TOTAL OUTPUT
0-30	103	7.8	32.4
0-40	177	13.4	56.0
0-60	301	22.8	94.9
0-90	317	24.0	100.0
90-180	0	0.0	0.0
0-180	317	24.0	100.0

Total Luminaire Efficiency = 24.0%.

DEG.	CANDELA	LUMENS
0	128	—
5	128	12
15	123	35
25	120	56
35	119	75
45	109	83
55	44	41
65	11	11
75	5	5
85	0	0
90	0	—

Vaportight Lighting

Industrial Vaportight Lighting

Applications:

- Low-maintenance indoor/outdoor lighting where moisture, dirt, dust, corrosion and rough service are problems
- Low-profile fixture design for where low ceiling height presents a lighting problem
- To light cold storage facilities, walkways, bridges, tunnels and security locations
- Used with colored globes as warning, caution or directional lights; for 100- or 200-watt medium-base incandescent lamps

Features/Benefits:

- Copper-free* aluminum and stainless steel screws provide increased corrosion resistance
- Precision-cast and machined surfaces permit safer wire pulling
- Fully threaded glass globes prevent cross threading, ensuring a tight seal
- High-quality replaceable porcelain socket with high-temperature leads result in a long-lasting fixture
- Five mounting configurations packaged three different ways to suit all customer requirements
- Colored, heat-resistant and shatterproof LEXAN® globes available

Standard Materials:

- Fixture and guards: Die-cast aluminum alloy A360 with less than .004% copper content (copper-free), and stainless steel screw
- Globe: Lime crystal glass
- Socket: Center contact, porcelain, medium base

Standard Finish:

- Powder-coated finish

Compliances:

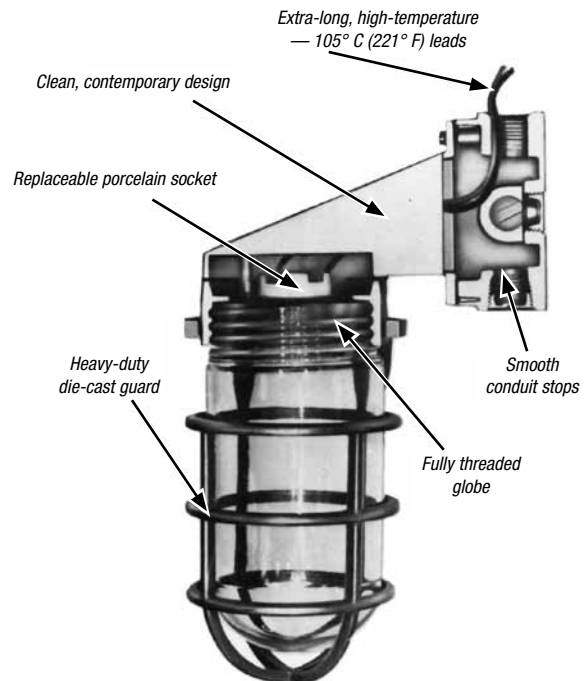
- UL® Listed
- Suitable for use in wet locations only when oriented as shown (mounted with lamp base up and guard/globe down)

Sample Specifications

- Fixture shall be die-cast copper-free* aluminum alloy A360. All conduit stops shall be coined and free of rough edges. LEXAN® globes shall have full threads. Sockets shall be porcelain. Fixtures shall be finished with powder-coated paint. Fixtures shall be Red•Dot® Catalog No. _____

* Less than .004% copper content.

LEXAN® is a registered trademark of SABIC Innovative Plastics Company.



VAG-C



VKG-C



VWG-C



VXG-C



VXWG-C

Vaportight Lighting

Low-Maintenance Indoor/Outdoor Lighting where Moisture, Dirt, Dust, Corrosion and Rough Service are a Problem.

- Compatible with incandescent and most self-ballasted compact fluorescent bulbs
- For indoor or outdoor use
- Fixture and guard die-cast copper-free aluminum, less than .004% copper content
- Available in components or complete fixture
- Low-silhouette incandescent vaportight
- Variety of mounting configurations
- UL® Listed



Pendant Mount



VK-11



VK-22



VKG-11-C

CAT. NO.	HUB SIZE (IN.)	MAX. WATT	DESCRIPTION
VK-11	½	100	Pendant Cap with Socket Screw Terminals, Gasket and Screws
VK-21	¾	100	
VK-12	½	200	
VK-22	¾	200	Pendant Cap with Socket Screw Terminals, Gasket Screws and Globe
VKG-11	½	100	
VKG-21	¾	100	
VKG-12	½	200	Pendant Cap with Socket Screw Terminals, Gasket Screws, Globe and Cast Guard
VKG-22	¾	200	
VKG-11-C	½	100	
VKG-21-C	¾	100	
VKG-12-C	½	200	
VKG-22-C	¾	200	

Ceiling Mount with Adapter Plate



VA-01



VAG-01



VAG-01-C

CAT. NO.	HUB SIZE (IN.)	MAX. WATT	DESCRIPTION
VA-01	—	100	Ceiling Outlet Box Cap with Socket with Leads, Gasket and Screws
VA-02	—	200	
VAG-01	—	100	Ceiling Outlet Box Cap with Socket with Leads, Gasket, Screws and Globe
VAG-02	—	200	
VAG-01-C	—	100	Ceiling Outlet Box Cap with Socket with Leads, Gasket, Screws, Globe and Cast Guard
VAG-02-C	—	200	

Ceiling Mount Cross Feed (5 Tapped Holes)



VX-11



VXG-11



VXG-11-C

CAT. NO.	HUB SIZE (IN.)	MAX. WATT	DESCRIPTION
VX-11	½	100	Ceiling-Cross Feed Box with Gaskets, Socket with Leads, Screws, 4 Closure Plugs and Cast Mounting Lugs
VX-21	¾	100	
VX-12	½	200	
VX-22	¾	200	Ceiling-Cross Feed Box with Gaskets, Socket with Leads, Screws, 4 Closure Plugs and Cast Mounting Lugs and Globe
VXG-11	½	100	
VXG-21	¾	100	
VXG-12	½	200	Ceiling-Cross Feed Box with Gaskets, Socket with Leads, Screws, 4 Closure Plugs, Cast Mounting Lugs, Globe and Cast Guard
VXG-22	¾	200	
VXG-11-C	½	100	
VXG-21-C	¾	100	
VXG-12-C	½	200	
VXG-22-C	¾	200	

Vaportight Lighting

Wall Mount with Adapter Plate



CAT. NO.	MAX. WATT	DESCRIPTION
VW-01	100	Wall Mount Unit with Socket with Leads,
VW-02	200	Gaskets and Screws
VWG-01	100	Wall Mount Unit with Socket with Leads,
VWG-02	200	Gaskets and Screws and Globe
VWG-01-C	100	Wall Mount Unit with Socket with Leads,
VWG-02-C	200	Gaskets, Globe, Screws and Cast Guard

Wall Mount Cross Feed (5 Tapped Holes)



CAT. NO.	HUB SIZE (IN.)	MAX. WATT	DESCRIPTION
VXW-11	1/2	100	Wall Mount Cross Feed with Socket
VXW-21	3/4	100	with Leads, Gaskets, Screws, 4
VXW-12	1/2	200	Closure Plugs and Cast
VXW-22	3/4	200	Mounting Lugs
VXWG-11	1/2	100	Wall Mount Cross Feed with Socket
VXWG-21	3/4	100	with Leads, Gaskets, Screws, 4
VXWG-12	1/2	200	Closure Lugs and Globe
VXWG-22	3/4	200	
VXWG-11-C	1/2	100	Wall Mount Cross Feed with Socket
VXWG-21-C	3/4	100	with Leads, Gaskets, Screws, 4
VXWG-12-C	1/2	200	Closure Plugs, Cast Mounting Lugs,
VXWG-22-C	3/4	200	Globe and Cast Guard

Globes

CAT. NO.	MAX. WATT	DESCRIPTION
Glass		
VGL-01	100	Clear
VGLA-01	100	Amber
VGLB-01	100	Blue
VGLG-01	100	Green
VGLR-01	100	Red
VGLH-01	150	Clear, Heat Resistant
VGL-02	200	Clear
VGLR-02	200	Red
VGLH-02	300	Clear, Heat Resistant
LEXAN®		
VGLL-01	75	Clear Prismatic
VGLL-02	150	Clear Prismatic
VGLA-A1	75	Amber
VGLA-R1	75	Red

Not for use with guards.

Note: For upright mounting only. Caution: In ordering LEXAN® Globe, wattage is rated 75% of standard globe size (i.e. VGLL-02 is for use on 200-watt fixtures, but only rated for 150-watt lamps.)



Guards



CAT. NO.	MAX. WATT	DESCRIPTION
Wire		
VGW-01	100	Clamp-On Plated Steel Guards
VGW-02	200	
Die Cast		
VGD-01	100	Die-Cast Aluminum Guards with Positive
VGD-02	200	Locking Screws

Vaportight Boxes and Covers



CAT. NO.	MAX. WATT	DESCRIPTION
Boxes		
LVX-1	1/2	Box, 3/2" Diameter, 1 1/8" Deep, 5 Tapped
LVX-2	3/4	Holes, 12.08 Cu. In. 4 Closure Plugs with
		Cast Mounting Lugs
Cover		
V-B	None	Blank Cover 3 1/2" Diameter

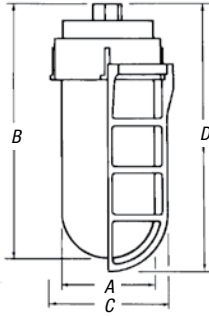
Boxes & Covers — Red•Dot® Weatherproof

Vaportight Lighting

VKG

CAT. NO.	A (IN.)	B (IN.)
VKG-11	3 ³ / ₁₆	8 ⁷ / ₁₆
VKG-21	3 ³ / ₁₆	8 ⁷ / ₁₆
VKG-12	4 ³ / ₁₆	10 ¹ / ₁₆
VKG-22	4 ³ / ₁₆	10 ¹ / ₁₆

CAT. NO.	C (IN.)	D (IN.)
VKG-11-C	4 ¹ / ₁₆	8 ³ / ₄
VKG-21-C	4 ¹ / ₁₆	8 ³ / ₄
VKG-12-C	5 ¹ / ₄	10 ⁵ / ₁₆
VKG-22-C	5 ¹ / ₄	10 ⁵ / ₁₆

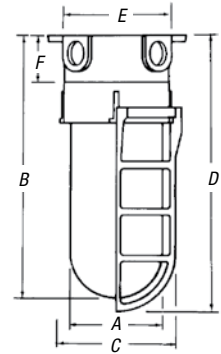


Pendant Mount (VKG)

VXG

CAT. NO.	A (IN.)	B (IN.)	E (IN.)	F (IN.)
VXG-11	3 ³ / ₁₆	8 ¹ / ₁₆	3 ¹ / ₂	1 ¹ / ₂
VXG-21	3 ³ / ₁₆	8 ¹ / ₁₆	3 ¹ / ₂	1 ¹ / ₂
VXG-12	4 ³ / ₁₆	10 ³ / ₄	3 ¹ / ₂	1 ¹ / ₂
VXG-22	4 ³ / ₁₆	10 ³ / ₄	3 ¹ / ₂	1 ¹ / ₂

CAT. NO.	C (IN.)	D (IN.)
VXG-11-C	4 ¹ / ₁₆	9 ⁵ / ₁₆
VXG-21-C	4 ¹ / ₁₆	9 ⁵ / ₁₆
VXG-12-C	5 ¹ / ₄	11 ³ / ₁₆
VXG-22-C	5 ¹ / ₄	11 ³ / ₁₆

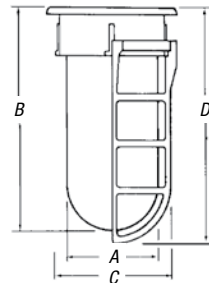


Ceiling Mount Cross Feed (VXG)

VAG

CAT. NO.	A (IN.)	B (IN.)
VAG-01	3 ³ / ₁₆	7 ⁷ / ₁₆
VAG-02	4 ³ / ₁₆	9 ³ / ₁₆

CAT. NO.	C (IN.)	D (IN.)
VAG-01-C	4 ¹ / ₁₆	7 ¹⁵ / ₁₆
VAG-02-C	5 ¹ / ₄	9 ¹ / ₁₆

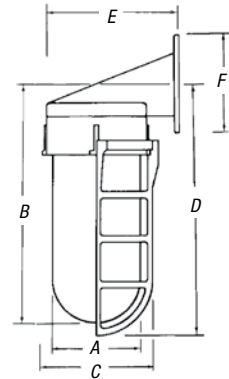


Ceiling Mount (VAG)

VWG

CAT. NO.	A (IN.)	B (IN.)	E (IN.)	F (IN.)
VWG-01	3 ³ / ₁₆	8 ⁷ / ₁₆	4 ³ / ₄	3 ¹ / ₂
VWG-02	4 ³ / ₁₆	10 ³ / ₁₆	5 ³ / ₄	3 ¹ / ₂

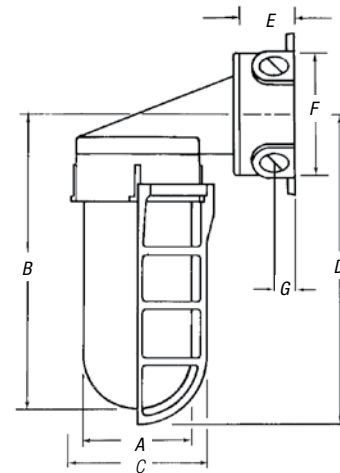
CAT. NO.	C (IN.)	D (IN.)
VWG-01-C	4 ¹ / ₁₆	8 ¹⁵ / ₁₆
VWG-02-C	5 ¹ / ₄	10 ¹³ / ₁₆



Wall Mount (VWG)

VXWG

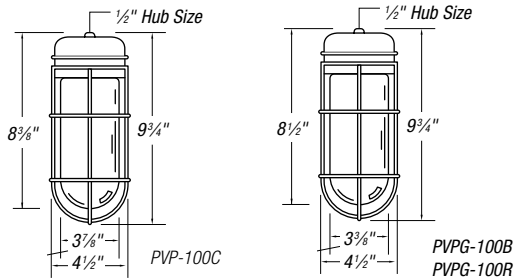
CAT. NO.	DIMENSIONS (IN.)										
	A	B	C	D	E	F	G	H	I	J	CI
VXWG-11	3 ³ / ₁₆	8 ⁷ / ₁₆	—	—	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
VXWG-21	3 ³ / ₁₆	8 ⁷ / ₁₆	—	—	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
VXWG-12	4 ³ / ₁₆	10 ³ / ₁₆	—	—	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
VXWG-22	4 ³ / ₁₆	10 ³ / ₁₆	—	—	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
VXWG-11-C	3 ³ / ₁₆	8 ⁷ / ₁₆	4 ¹ / ₁₆	8 ¹⁵ / ₁₆	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
VXWG-21-C	3 ³ / ₁₆	8 ⁷ / ₁₆	4 ¹ / ₁₆	8 ¹⁵ / ₁₆	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
VXWG-12-C	4 ³ / ₁₆	10 ³ / ₁₆	5 ³ / ₁₆	10 ¹³ / ₁₆	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
VXWG-22-C	4 ³ / ₁₆	10 ³ / ₁₆	5 ³ / ₁₆	10 ¹³ / ₁₆	1 ¹ / ₂	3 ¹ / ₂	—	—	—	—	—
LVX-1	—	—	—	—	1 ¹ / ₂	3 ¹ / ₂	5	5	4 ⁷ / ₁₆	2 ¹³ / ₁₆	10.3
LVX-2	—	—	—	—	1 ¹ / ₂	3 ¹ / ₂	5	5	4 ⁷ / ₁₆	2 ¹³ / ₁₆	10.3



Wall Mount Cross Feed (VXWG)

Vaportight Lighting

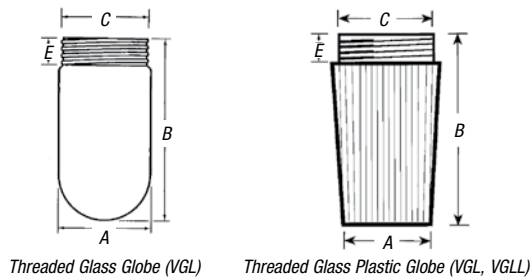
Pendant Fixtures



PACKAGING				
CAT. NO.	DESCRIPTION	MAX. WATTS	BOX	STD. CTN.
PVP-100C	Fixture and Clear LEXAN® Globe	100	1	12
PVPG-100B	Fixture, Blue LEXAN® Globe, Guard	100	1	12
PVPG-100R	Fixture, Red LEXAN® Globe, Guard	100	1	12

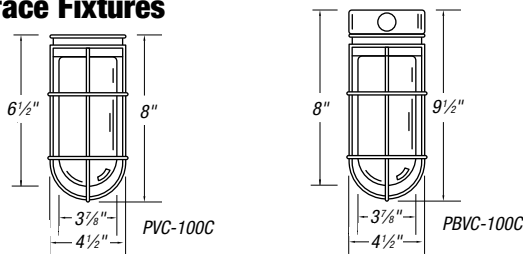
UL Listed. CSA Certified LR-95792.

VGL



CAT. NO.	A (IN.)	B (IN.)	C (IN.)	D (IN.)	E (IN.)	I.D (IN.)
VGL-01 SERIES	3 3/8	6 17/32	3 1/16	1	—	2 1/16
VGL-02 SERIES	4 3/8	8 3/8	4 3/16	1	—	3 13/16
VGLL-01	3 17/32	5 15/16	3 3/8	—	7/8	2 7/8
VGLL-02	4 17/32	8 1/4	4 3/8	—	7/8	3 3/8
VGLA-A1	3 17/32	5 15/16	3 3/8	—	7/8	2 7/8
VGLA-R1	3 17/32	5 15/16	3 3/8	—	7/8	2 7/8

Surface Fixtures



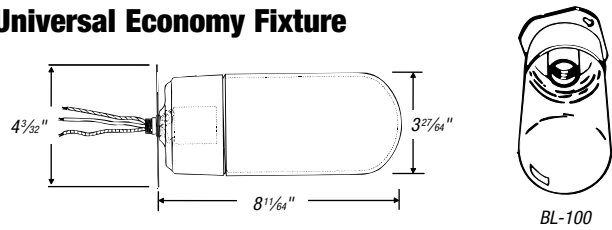
PACKAGING				
CAT. NO.	DESCRIPTION	MAX. WATTS	BOX	STD. CTN.
PVC-100C	Fixture and Clear LEXAN® Globe	100	1	12
PBVC-100C	Fixture, Box and Clear LEXAN® Globe	100	1	12

Fits all 3" and 4" Round or Octagon Boxes

UL Listed E-77360. CSA Certified LR-95792.

LEXAN® is a registered trademark of SABIC Innovative Plastics Company.

Universal Economy Fixture



CAT. NO.	DESCRIPTION	MAX. WATTS	STD. CTN.
BL-100	Fixture and Glass Globe	75	10

Replacement Parts

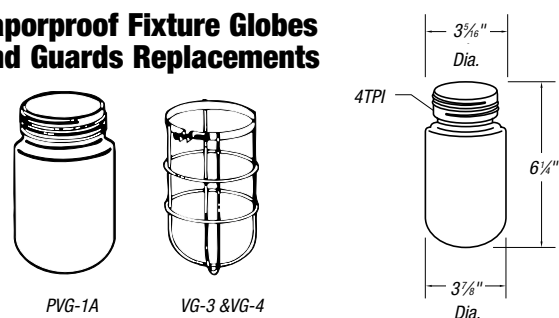
PACKAGING			
CAT. NO.	DESCRIPTION	BOX	STD. CTN.
Sockets			
R122	Socket for All Vapor-Proof Fixtures	—	250

VGD, VGW



CAT. NO.	A (IN.)	B (IN.)
VGD-01	4 1/16	7
VGD-02	5 5/16	8 3/8
VGW-01	4 1/16	6 1/64
VGW-02	5 5/16	8 3/64

Vaporproof Fixture Globes and Guards Replacements



PACKAGING			
CAT. NO.	DESCRIPTION	BOX	STD. CTN.
PVG-1A*	Amber LEXAN® Globe for 100-Watt Fixtures	1	12
PVG-1C*	Clear LEXAN® Globe for 100-Watt Fixtures	1	12
PVG-1R*	Red LEXAN® Globe for 100-Watt Fixtures	1	12
PVG-1W*	White LEXAN® Globe for 100-Watt Fixtures	1	12
VG-3	Guard for 100-Watt Fixtures	1	12
VG-4	Guard for 200-Watt Fixtures	1	6

* UL Listed E-77360.

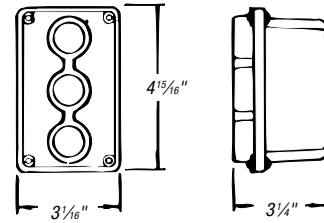
Boxes & Covers — Red•Dot® Weatherproof

Swimming Pool and Spa Products

Used for Making Wiring Connections to Underwater Pool Lighting, Line or Low-Voltage.

Swimming Pool Junction Boxes

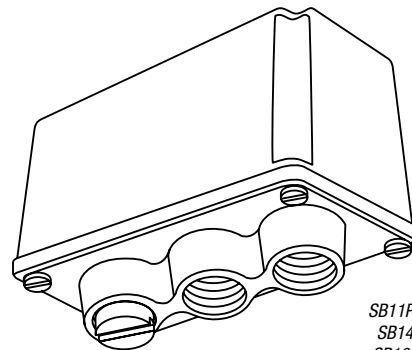
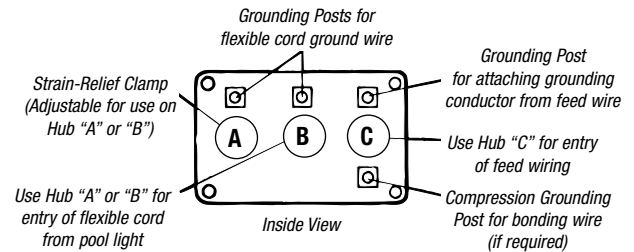
- Black LEXAN® cover, die-cast solid brass base
- Supplied with brass closure plugs, four ground screws, sealing gasket and mounting hardware
- 3¹/₁₆" x 4³/₁₆" x 3¹/₄" deep
- Listed in accordance to NEC® Section 680.24



SPJ-3



SPJ-5


 SB11PL
SB14
SB100

SPJ Series

CAT. NO.	NO. OF PLUGS	HUB SIZE	STD. CTN.
SPJ-3	3	(2) 1/2" and (1) 1"	24
SPJ-5	5	(1) 1/2", (2) 3/4" and (2) 1"	24
SPJ-MB	—	Mounting Brackets	24
SPJ-SR	—	Rod	24

SB Series

CAT. NO.	CUBIC IN.	NO. OF PLUGS	DESCRIPTION CONDUIT HUB SIZE (IN.)			PACKAGING	
			A	B	C	BOX	STD. CTN.
SB11PL	22.0	1	1/2	1/2	1/2	1	10
SB14	22.0	1	3/4	3/4	3/4	1	10
SB100	22.0	1	3/4	1	3/4	1	10

UL Listed E-63648.

Weatherproof.

LEXAN® is a registered trademark of SABIC Innovative Plastics Company.

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***Carlton® Enclosures
& Junction Boxes***

In this section...



Carlton® Enclosures & Junction Boxes

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Circuit Safe® NEMA Enclosures.....	A-275–A-283
Circuit Safe® JIC Enclosures.....	A-284–A-288
Circuit Safe® Pushbutton Enclosures.....	A-289–A-292
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Carlon® Non-Metallic Junction Boxes

To give you a better way to install parking lot lights, we started at the bottom.

Curved Lid J-Box

Anyone who's worked with parking lot light poles knows the problem. Those tiny, integral hand holes for electrical wiring can really slow a project down. But now, there's a better answer for shopping centers, car dealerships, sports arenas, office complexes or anywhere you need pole lighting for large parking lot areas — the Carlon® non-metallic curved lid J-Boxes.

Carlon® curved lid J-Boxes are listed in accordance with UL 50 specifications for Electrical Enclosures as well as NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12 and 13 ratings. They are available in sizes 8" x 8" or 12" x 12". Both the base and lid are made from PVC to eliminate rust and corrosion, and both are supplied with tamper-resistant screws.

Designed specifically for use with 24" diameter concrete piers, J-Boxes are installed, along with all necessary conduit and fittings, when piers are poured. This gives installers a giant junction box at the base of every pole to ease wiring, facilitate circuit management and provide easy post-installation maintenance. Just take a closer look, and you'll see why our non-metallic J-Boxes are a better choice for you.



Install Carlon® Weatherproof Covers

Features

- NEMA 1, 2, 3, 3R, 3S, 4, 4X, 12, 13
- UL® Listed and CSA Certified
- Paintable lid
- Dividers available to separate high and low voltage, and can be retrofitted into existing applications
- Lids provide locations to mount weatherproof covers:
 - 8" x 8" — One location
 - 12" x 12" — Three locations
- Nonconductive and noncorrosive
- Designed for a 24" diameter concrete pier

Note: The J-Box can also be installed in concrete piers from 18" to 36" in diameter. Contact your Thomas & Betts representative for installation details.



Carlton® Non-Metallic Junction Boxes

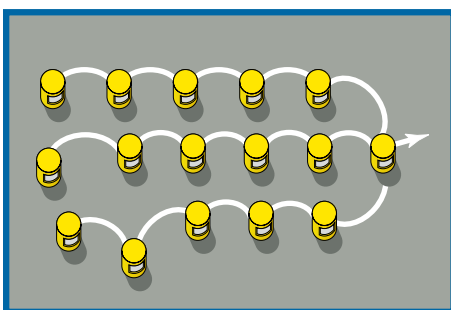
Faster, easier wiring for greater productivity.



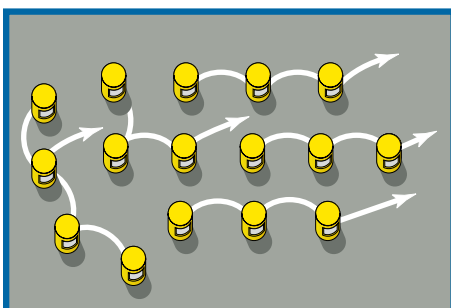
Once your J-Boxes are installed, you can speed projects along by pre-wiring before poles arrive. Or, you can install poles first and use them to mount cable-pulling equipment — a particular advantage for long, difficult wire pulls. Of course, all the extra hand room our J-Boxes offer makes splicing much easier and faster than working through cramped pole-access holes.

More flexibility, fewer home runs and easier maintenance, too.

Extra room also gives you splicing space for options like zone lighting or to reduce the number of home runs, which can lower trenching and associated materials costs by up to 30%. In addition, the box lids provide locations to mount receptacles and weatherproof covers for even more flexibility. For easy maintenance, fixture protection can be placed at the base, and if need be, poles can even be removed and replaced in the middle of the circuit without affecting overall lighting.



Site Lighting Plan with J-BOX



Site Lighting Plan without J-BOX

Easy to Install



1 J-Box, with all conduit and fittings placed as desired, is temporarily attached to the concrete form — base and lid inside.



2 Remove form after concrete has been poured and allowed to cure.



3 Pop off the J-Box lid, leaving an 8" x 8" or 12" x 12" x 4" access area, depending on the J-Box selected.



4 After wiring is completed, the lid is replaced to complete the installation.

Carlton® Non-Metallic Junction Boxes

J-Box Assemblies

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E88C24	8 x 8 x 4	6	28.3
E1212C24	12 x 12 x 4	2	9.7



LR31146
Except where
noted by ♦

Accessories

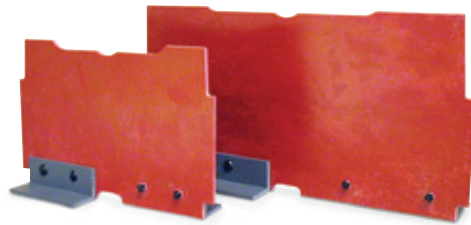
Replacement Lids



CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
E88L24	8 x 8	1	2.1
E1212L24	12 x 12	1	2.3

Dividers

The **National Electrical Code® (NEC®)** allows electrical conductors to share an outlet box when the conductors and communication cables are separated by a barrier within the box.



J-Box Dividers are used to separate high- and low-voltage devices and solvent cement into place.

CAT. NO.	STD. CTN.	STD. WT. (LBS.)
♦ E88DIV (For use with CAT. NO. E88C24)	6	2.1
♦ E1212DIV (For use with CAT. NO. E1212C24)	2	2.3

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

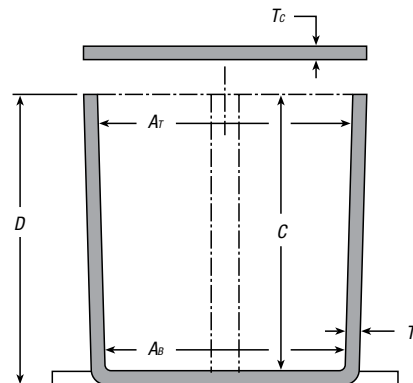
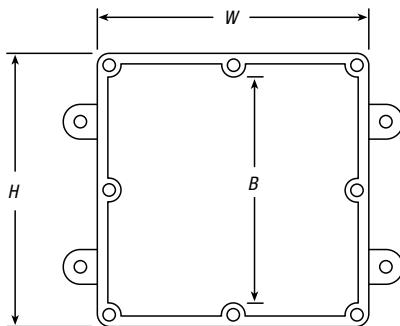
Carlton® Non-Metallic Junction Boxes

Molded Non-Metallic Junction Boxes — 6P Rated

Non-metallic junction boxes are UL® Listed with a NEMA 6P rating per Section 314.28 of the National Electrical Code® and CSA Certified per Section 12 of the Canadian Electrical Code. Manufactured from PVC or PPO thermoplastic molding compound and featuring foam-in-place gasketed lids attached with stainless steel screws, these rugged enclosures offer all the corrosion resistance and physical properties you need for direct burial applications.

Type 6P enclosures are intended for indoor or outdoor use, primarily to provide a degree of protection against contact with enclosed equipment, falling dirt, hose-directed water, entry of water during prolonged submersion at a limited depth and external ice formation.

- All Carlton® Junction Boxes are UL® Listed/CSA Certified and maintain a minimum of a NEMA Type 4/4x Rating
- Part numbers with an asterisk (*) are UL® Listed and maintain a NEMA Type 6P Rating and Type 4/4X Rating



CAT. NO.	SIZE (IN.) H x W x D	STD. CTN.	DIMENSIONS (IN.)						MATERIAL		STD. WT. (LBS.)
			MIN Ar	MIN Ab	MIN B	MIN C	Tb	Tc	PVC	THERMO- PLASTIC	
E989NNJ*	4 x 4 x 2	10	3 ¹ / ₁₆	3 ³ / ₈	N/A	2	.160	.155	X		3
E987N*	4 x 4 x 4	10	3 ¹ / ₁₆	3 ¹ / ₂	N/A	4	.160	.155	X		4
E989NNR*†	4 x 4 x 6	10	3 ¹ / ₁₆	3 ³ / ₈	N/A	6	.160	.200	X		5
E989PPJ*	5 x 5 x 2	10	4 ¹ / ₁₆	4 ¹ / ₂	N/A	2	.110	.150		X	3
E987R-CAR*	6 x 6 x 4	2	6	5 ⁵ / ₈	N/A	4	.190	.190		X	3
E989RRR-UPC*	6 x 6 x 6	8	5 ⁵ / ₈	5 ⁵ / ₈	N/A	6	.160	.150		X	14
E989N-CAR	8 x 8 x 4	1	8	8	N/A	4	.185	.190		X	2
E989SSX-UPC	8 x 8 x 7	2	7 ² / ₃₂	7 ⁷ / ₁₆	N/A	7	.160	.150		X	6
E989UUN	12 x 12 x 4	3	11 ⁵ / ₈	11 ¹ / ₂	11 ¹ / ₈	4	.160	.150		X	12
E989R-UPC	12 x 12 x 6	2	11 ⁵ / ₈	11 ⁵ / ₈	11 ¹ / ₈	6	.265	.185		X	10

* UL Listed

† Not CSA Certified

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United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289

ABE
Above Board Electronics, Inc.

Request Info
* ⓘ ⓘ

Thomas & Betts

1-800-453-1692
www.aboveboardelectronics.com

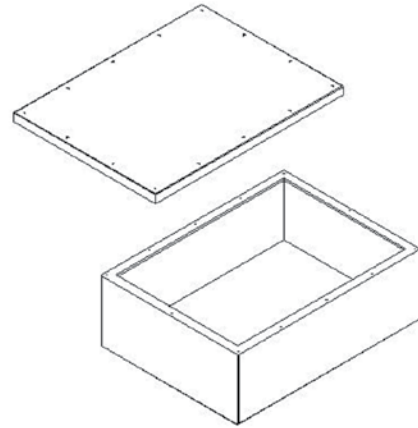
Carlton® Non-Metallic Junction Boxes

Large PVC Junction Boxes — NEMA 4X

Large PVC Junction Boxes are fabricated from Type II PVC sheet. Reduce the use of steel boxes and keep your wiring connections clean, safe and dry using these high-quality, fully gasketed junction boxes.

Features and Benefits:

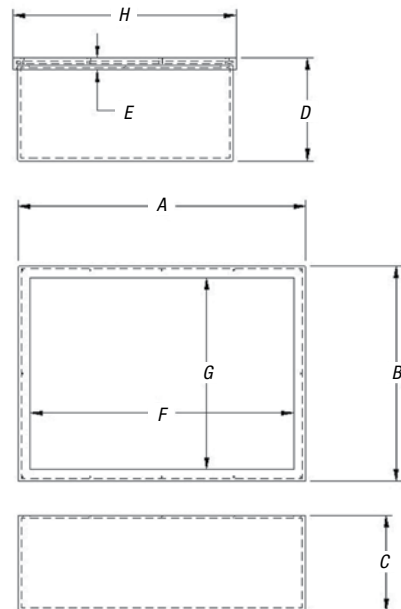
- PVC Type II material with “Uni-Body” construction and penetration welding providing a very strong, durable enclosure
- UL94V-0 flame rating
- Suitable for exposure of up to 90° C
- PVC material enables the use of standard solvent cements for fitting attachment
- Junction boxes are available with or without mounting flanges
- Individual mounting feet are available and provided in kits of four
- Custom features such as windows or panel mounts are available
- Custom sizes are also available upon request
- Made in the USA



CAT. NO.	DIMENSIONS (IN.)								STD. WT. (LBS.)
	A	B	C	D	E	F	G	H	
EP12128	12	12	8	8.25	1.00	10.5	10.5	12.75	11
EP181812	18	18	12	12.25	1.00	16	16	18.75	21
EP201808	20	18	8	8.25	1.00	18	16	18.75	20
EP202008	20	20	8	8.25	1.00	18	18	20.75	22
EP241808	24	18	8	8.25	1.00	22	16	18.75	24
EP242008	24	20	8	8.25	1.00	21.5	17.5	20.75	25
EP242408	24	24	8	8.25	1.00	21.5	21.5	24.75	29
EP302408	30	24	8	8.25	1.00	27.5	21.5	24.75	34
EP362408	36	24	8	8.25	1.00	33.5	21.5	24.75	39



Accessories

CAT. NO.	DESCRIPTION	STD. WT. (LBS.)
ESMFK-1	“CleverMount” Mounting Feet (4 Feet and Fasteners)	5

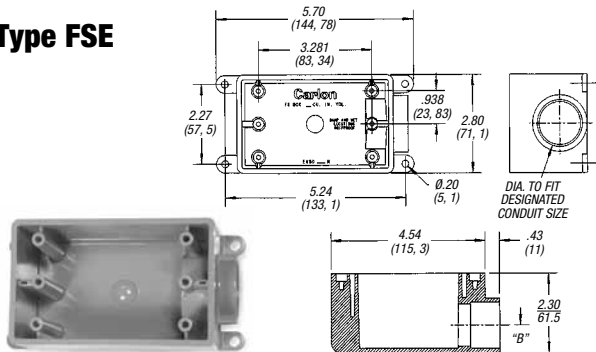


Carlon® Non-Metallic Junction Boxes

Single-Gang FS Device Boxes



 LR31146
 Where noted by 
 LISTED
 E11461

Type FSE

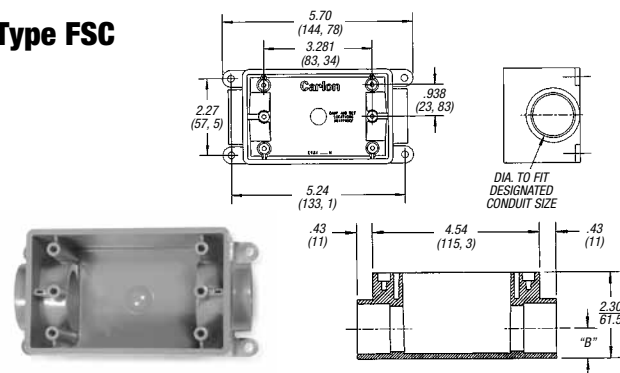


- For dead-end terminations
- All sizes take standard covers and accessories or devices
- Integral mounting feet provide easy mounting

CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E980DFN	½	19	10
✦ C980DFN-CTN	½	18	12
E980EFN	¾	19	10
✦ C980EFN-CTN	¾	18	12
E980FFN	1	19	18
✦ C980FFN-CTN	1	18	8
E980FFN-CAR	1	19	10

✦ Canada Only

Type FSC

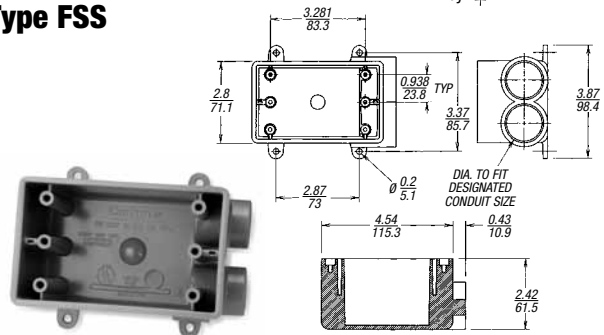


- For through terminations
- All sizes take standard covers and accessories or devices
- Detachable mounting feet provide easy mounting

CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E981DFN	½	19	15
✦ C981DFN-CTN	½	18	12
E981EFN	¾	19	15
✦ C981EFN-CTN	¾	18	12
E981FFN	1	19	18
E981FFN-CAR	1	19	10
✦ C981FFN-CTN	1	18	8

✦ Canada Only

Type FSS

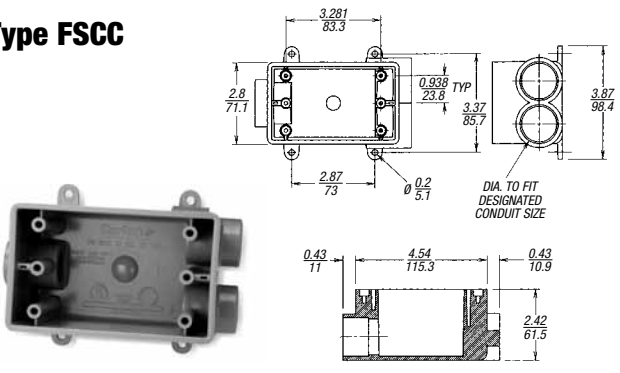


- For multiple dead-end circuit terminations or where additional support is required in stub-up applications
- All sizes take standard covers and accessories or devices
- Detachable mounting feet provide easy mounting

CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E982DFN	½	19	10
✦ C982DFN-CTN	½	18	12
E982EFN	¾	19	10
✦ C982EFN-CTN	¾	18	12
E982FFN	1	19	10
✦ C982FFN-CTN	1	18	8

✦ Canada Only

Type FSCC



- For multiple through-circuit terminations or where additional support is required in stub-up applications
- All sizes take standard covers and accessories or devices
- Detachable mounting feet provide easy mounting

CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E979DFN-CAR	½	19	10
✦ C979DFN	½	18	15
E979EFN-CAR	¾	19	10
✦ C979EFN	¾	18	15
E979FFN	1	19	15
✦ C979FFN	1	18	15

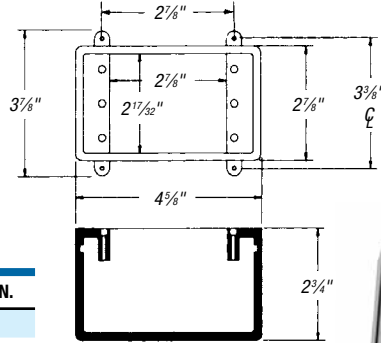
✦ Canada Only

Carlton® Non-Metallic Junction Boxes

Single-Gang FD Deep Device Boxes

Type FD

- For terminations where hub requirements vary according to application — hubs easily made with flared wood bit or hole saw
- All sizes take standard covers and accessories or devices
- Integral mounting feet provide easy mounting

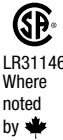
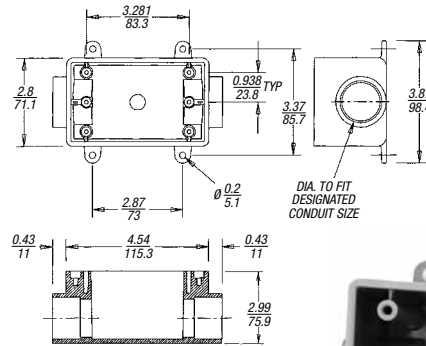


CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E9801	N/A	25	10
☛ CE9801-CTN	N/A	25	10
☛ C9801-347	N/A	25	10

☛ Canada Only

Type FDC

- For through terminations where large devices or additional wiring capacity is required
- All sizes take standard covers and accessories or devices
- Integral mounting feet provide easy mounting

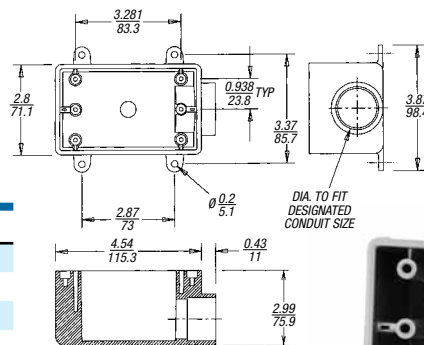


CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E9811DN	1/2	25	10
☛ C9811DN	1/2	25	10
E9811EN	3/4	25	10
☛ C9811EN	3/4	25	10
E9811FN	1	25	10
☛ C9811FN	1	25	10

☛ Canada Only

Type FDE

- For dead-end terminations where large devices or additional wiring capacity is required
- All sizes take standard covers and accessories or devices
- Integral mounting feet provide easy mounting



CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E9801DN	1/2	25	10
☛ C9801DN	1/2	25	10
E9801EN	3/4	25	10
☛ C9801EN	3/4	25	10
E9801FN	1	25	10
☛ C9801FN	1	25	10

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Carlton® Non-Metallic Junction Boxes

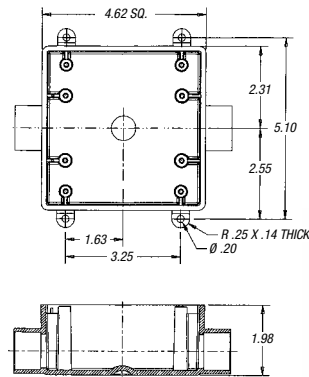
Two-Gang FS Device Boxes

Type 2FSC

- For through terminations where two devices or additional wiring capacity is required
- All sizes take standard covers and accessories or devices
- Integral mounting feet provide easy mounting

CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E9812D	½	32	10
☛ CE9812D-CTN	½	32	10
E9812E	¾	32	10
☛ CE9812E-CTN	¾	32	10
E9812F	1	32	10
☛ C9812F	1	32	10

☛ Canada Only

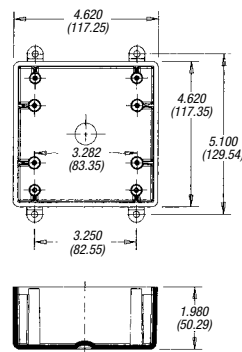


Type FS

- For terminations where hub requirements vary according to application — hubs easily made with flared wood bit or hole saw
- All sizes take standard covers and accessories or devices
- Integral mounting feet provide easy mounting

CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E9802	N/A	32	10
☛ CE9802	N/A	32	10

☛ Canada Only

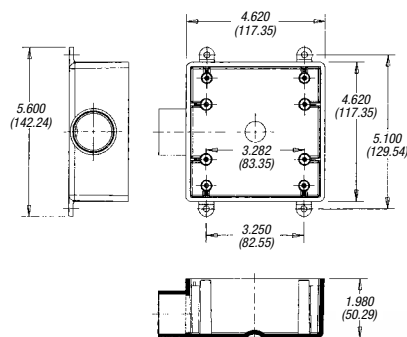


Type 2FSE

- For dead-end terminations where two devices or additional wiring capacity is required
- All sizes take standard covers and accessories or devices
- Integral mounting feet provide easy mounting

CAT. NO.	SIZE (IN.)	VOL. CU. IN.	STD. CTN.
E9802D	½	32	10
☛ CE9802D-CTN	½	32	10
E9802E	¾	32	10
☛ CE9802E-CTN	¾	32	10
E9802F	1	32	10
☛ C9802F	1	32	1

☛ Canada Only



Carlon® Non-Metallic Junction Boxes

Blank Covers for Device Boxes

Single-Gang

- Fits Carlon® single-gang FS boxes
- Supplied with stainless steel mounting screws and gasket

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E980CN-CAR	Gray	12	1.60
E980CM-CAR	White	12	1.60



Two-Gang

- Fits Carlon® two-gang FS boxes, other non-metallic and metallic FS boxes
- Supplied with stainless steel mounting screws and gasket

CAT. NO.	COLOR	STD. CTN.	STD. WT. (LBS.)
E9802CN-CAR	Gray	10	2.17



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Circuit Safe® NEMA Enclosures

Circuit Safe® NEMA Enclosures

Circuit Safe® NEMA Enclosures are the flagship product of the Carlton® Enclosure offering. Molded in tough, durable polycarbonate resin, these enclosures lead the market in terms of design, durability, aesthetics and economy of use.

Ranging in size from 6" x 4" x 4" to 16" x 14" x 6", all Circuit Safe® NEMA products are UL 50 Listed and meet Types 4X, 12 and 13. These enclosures utilize recognized materials that carry an ultraviolet rating of F1, ensuring a very long, stable service life when installed outdoors. In addition, the use of polycarbonate material means that these enclosures enjoy an extremely high impact-resistance rating...almost three times more impact resistant than traditional fiberglass enclosures.

Installation of components is made easy, too, with the Panel Adjuster Kits and Swing-Out Panel Kits. Subpanels can be stacked or suspended at any depth within the enclosure, maximizing the space available for component mounting. Machining polycarbonate is also safe and easy. There are no splintering problems or airborne fibers as is typical when machining traditional fiberglass products.

Lighter, stronger, easier, safer to use and better looking. Check out Carlton's Circuit Safe® NEMA line today.



Features and Benefits:

- 100% non-metallic construction, including hinges
- Sturdy SS latches install without penetration of the enclosure base
- Clear covers are available, which eliminate the need for window kits
- All cover screws are captive
- Panel suspension system enables the installation of panels at any depth, including stacking of multiple panels
- Swing panels are also available
- Available in junction boxes, external hinge and hidden hinge versions
- Subpanels are available in steel or PVC
- Non-metallic mounting rails for easy installation
- Less than half the weight of metal enclosures, 25% lighter than fiberglass, easier to handle and less expensive to ship
- Full modification services are available

Applications:

- Any outdoor applications, especially where sunlight resistance is an issue
- Applications where water is present
- Applications where damage during shipment, installation or use is an issue

- Any applications where it is necessary to view internal components through a clear cover
- Applications where weight is an issue
- Applications where the ability to pass wireless signals is needed
- Applications where rust and corrosion are an issue



Examples:

- Septic and pump controls
- Wireless system component protection
- Marina and sea-side installations
- Controls that require through-cover viewing of readouts and dials
- Machine controls/process controls
- Food and beverage process controls
- Security system controls

Standards:

- Meets or exceeds NEMA Types 4X, 12 and 13
- Listed per UL 50 as Types 4X, 12 and 13

NEMA Enclosure Styles

Circuit Safe® NEMA Enclosures are available in three different cover options and a wide range of sizes. From our screw-cover style enclosures to our hidden-hinge cover style enclosures to our external-hinge cover style enclosures, Carlton® has a Circuit Safe® NEMA enclosure to meet your application-specific needs.

Styles

- Screw Cover
- External Hinge
- Hidden Hinge

Cover Color Options

- Opaque
- Clear

Material

- Polycarbonate (Bases and Lids)



Screw Cover



External-Hinge Cover



Hidden-Hinge Cover

Circuit Safe® NEMA Enclosures

Meets NEMA 1, 2, 3, 3S, 3X, 3SX, 4, 4X, 12.

Screw-On Covers



Opaque Cover



Clear Cover

Enclosure Kits

OPAQUE COVER* CAT. NO.	CLEAR COVER* CAT. NO.	SIZE (IN.)	BACK PANELS**		STD. CTN.	STD. WT. (LBS.) OPAQUE/CLEAR
			STEEL	PVC		
NS644	NV644	6 x 4 x 4	JP64	JP64P	1	Opa 1.8/Clr 1.9
NS664	NV664	6 x 6 x 4	JP66	JP66P	1	Opa 2.4/Clr 2.4
NS864	NV864	8 x 6 x 4	JP86	JP86P	1	Opa 2.9/Clr 2.8
NS884	NV884	8 x 8 x 4	JP88	JP88P	1	Opa 3.2/Clr 3.3
NS1084	NV1084	10 x 8 x 4	JP108	JP108P	1	Opa 4.0/Clr 3.9
NS1086	NV1086	10 x 8 x 6	JP108	JP108P	1	Opa 4.6/Clr 4.5
NS10106	NV10106	10 x 10 x 6	JP1010	JP1010P	1	Opa 5.3/Clr 4.9
NS12106	NV12106	12 x 10 x 6	JP1210	JP1210P	1	Opa 6.1/Clr 5.2
NS12126	NV12126	12 x 12 x 6	JP1212	JP1212P	1	Opa 6.8/Clr 6.1
NS14126	NV14126	14 x 12 x 6	JP1412	JP1412P	1	Opa 7.4/Clr 7.0
NS16146	NV16146	16 x 14 x 6	JP1614	JP1614P	1	Opa 9.2/Clr 8.1

* Include body, lid and mounting rail kit.

** Order back panels separately.

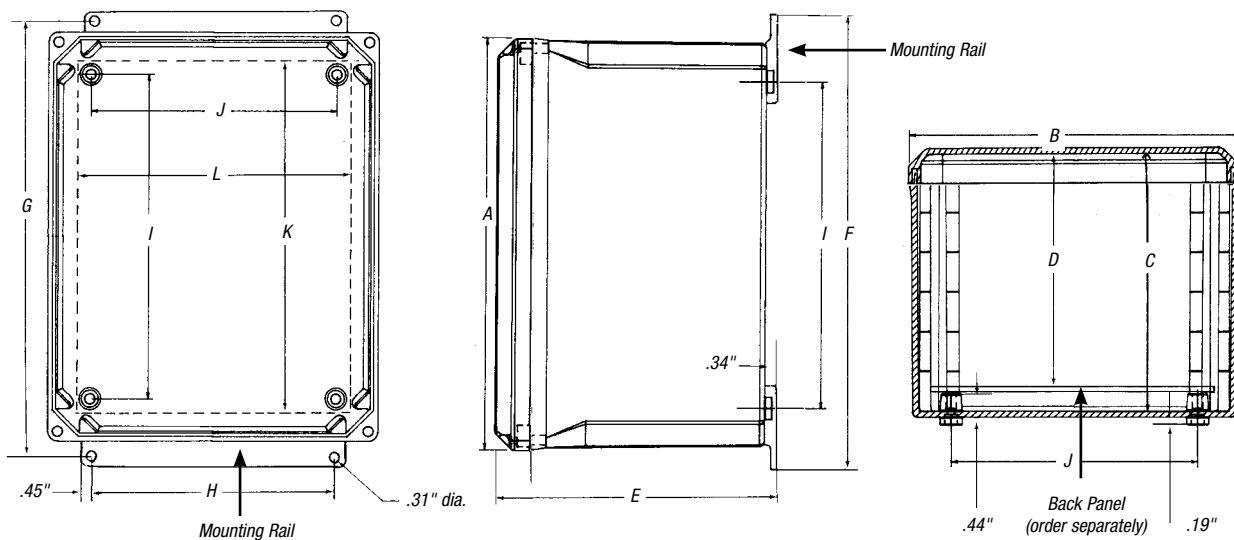
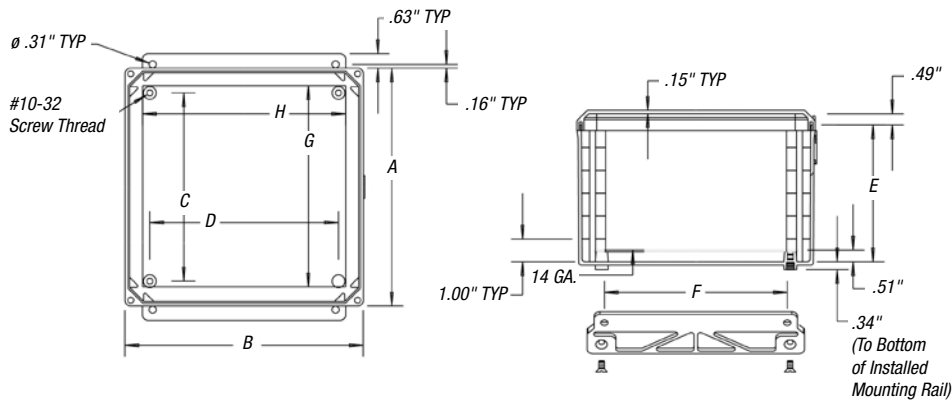
Individual Components

ENCLOSURE BASE*				ENCLOSURE LIDS				BACK PANELS**		
CAT. NO.	ENCLOSURE SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)	OPAQUE LIDS	CLEAR LIDS	STD. CTN.	STD. WT. (LBS.)	STEEL CAT. NO.	PVC CAT. NO.	STD. CTN.
NP644B	6 x 4 x 4	18	21	NS64L	NV64L	16	Opa 6.4/Clr 5.7	JP64	JP64P	1
NP664B	6 x 6 x 4	12	17	NS66L	NV66L	12	Opa 6.2/Clr 5.7	JP66	JP66P	1
NP864B	8 x 6 x 4	12	18	NS86L	NV86L	9	Opa 6/Clr 4.4	JP86	JP86P	1
NP884B	8 x 8 x 4	14	28	NS88L	NV88L	18	Opa 14/Clr 11.2	JP88	JP88P	1
NP1084B	10 x 8 x 4	12	26	NS108L	NV108L	12	Opa 13/Clr 11	JP108	JP108P	1
NP1086B	10 x 8 x 6	8	23	NS108L	NV108L	12	Opa 13/Clr 11	JP108	JP108P	1
NP1010B	10 x 10 x 6	6	20	NS1010L	NV1010L	11	Opa 14/Clr 12	JP1010	JP1010P	1
NP1210B	12 x 10 x 6	6	23	NS1210L	NV1210L	12	Opa 15/Clr 15	JP1210	JP1210P	1
NP1212B	12 x 12 x 6	5	22	NS1212L	NV1212L	10	Opa 15/Clr 14	JP1212	JP1212P	1
NP1412B	14 x 12 x 6	5	24	NS1412L	NV1412L	5	Opa 9/Clr 9	JP1412	JP1412P	1
NP1614B	16 x 14 x 6	4	31	NS1614L	NV1614L	5	Opa 11/Clr 11	JP1614	JP1614P	1

* Mounting rails are not included. See "Mounting Rails" on page A-307.

** Order back panels separately.

Circuit Safe® NEMA Enclosures



Individual Components (continued)

ENCLOSURE WITH		ENCLOSURE SIZE (IN.)						ENCLOSURE MOUNTING HOLE SPACING		PANEL MOUNTING HOLE SPACING		BACK PANEL SIZE		BACK PANEL** CAT. NO.	
CLEAR LID CAT. NO.*	OPAQUE LID CAT. NO.*	A	B	C	D	E	F	G	H	I	J	K	L	STEEL	PVC
NV644	NS644	6.40	4.40	4.49	3.98	5.13	7.69	6.75	2.00	4.29	2.28	4.88	2.88	JP64	JP64P
NV664	NS664	6.40	6.40	4.49	3.98	5.13	7.69	6.75	4.00	4.28	4.28	4.88	4.88	JP66	JP66P
NV864	NS864	8.40	6.40	4.49	3.98	5.13	9.69	8.75	4.00	6.27	4.26	6.75	4.88	JP86	JP86P
NV884	NS884	8.40	8.40	4.49	3.98	5.13	9.69	8.75	6.00	6.30	6.30	6.75	6.88	JP88	JP88P
NV1084	NS1084	10.40	8.40	4.49	3.98	5.13	11.69	10.75	6.00	8.34	6.30	8.75	6.88	JP108	JP108P
NV1086	NS1086	10.40	8.40	6.49	5.98	7.13	11.69	10.75	6.00	8.34	6.30	8.75	6.88	JP108	JP108P
NV10106	NS10106	10.40	10.40	6.49	5.98	7.13	11.69	10.75	8.00	8.29	8.29	8.75	8.88	JP1010	JP1010P
NV12106	NS12106	12.40	10.40	6.49	5.98	7.13	13.69	12.75	8.00	10.30	8.28	10.75	8.88	JP1210	JP1210P
NV12126	NS12126	12.40	12.40	6.49	5.98	7.13	13.69	12.75	10.00	10.24	10.24	10.75	10.88	JP1212	JP1212P
NV14126	NS14126	14.40	12.40	6.49	5.98	7.13	15.69	14.75	10.00	12.26	10.24	12.75	10.88	JP1412	JP1412P
NV16146	NS16146	16.40	14.40	6.49	5.98	7.13	17.69	16.75	12.00	14.26	12.26	14.75	12.88	JP1614	JP1612P

* Include body, lid and mounting rail kit.

** Order back panels separately (10/32 - 3/8 Back Panel screws not supplied).

Circuit Safe® NEMA Enclosures

Meets NEMA 1, 2, 3, 3S, 3X, 3SX, 4, 4X, 12.



Hidden-Hinge Covers

Enclosure Kits

OPAQUE COVER* CAT. NO.	CLEAR COVER* CAT. NO.	SIZE (IN.)	BACK PANELS**		STD. CTN.	STD. WT. (LBS.) OPAQUE/CLEAR
			STEEL	PVC		
NH644	NI644	6 x 4 x 5 [†]	JP64	JP64P	1	Opa 2.2/Clr 2.8
NH664	NI664	6 x 6 x 5	JP66	JP66P	1	Opa 2.7/Clr 3.2
NH864	NI864	8 x 6 x 5	JP86	JP86P	1	Opa 3.3/Clr 3.8
NH884	NI884	8 x 8 x 5	JP88	JP88P	1	Opa 3.8/Clr 3.8
NH1084	NI1084	10 x 8 x 5	JP108	JP108P	1	Opa 4.0/Clr 4.5
NH1086	NI1086	10 x 8 x 7	JP108	JP108P	1	Opa 5.2/Clr 5.1
NH10106	NI10106	10 x 10 x 7	JP1010	JP1010P	1	Opa 5.7/Clr 5.8
NH12106	NI12106	12 x 10 x 7	JP1210	JP1210P	1	Opa 6.9/Clr 6.1
NH12126	NI12126	12 x 12 x 7	JP1212	JP1212P	1	Opa 7.7/Clr 7.2
NH14126	NI14126	14 x 12 x 7	JP1412	JP1412P	1	Opa 8.3/Clr 7.9
NH16146	NI16146	16 x 14 x 7	JP1614	JP1614P	1	Opa 10.1/Clr 9.6

* Include body, cover assembly and mounting rail kit.

** Order back panels separately.

[†] 6 x 4 x 5 size not available with quick-release latches.



Opaque Cover



Clear Cover

Individual Components

ENCLOSURE BASE*			ENCLOSURE LIDS				COLLARS			BACK PANELS**			LATCHES			
CAT. NO.	ENCLOSURE SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)	OPAQUE LIDS CAT. NO.	CLEAR LIDS CAT. NO.	STD. CTN.	STD. WT. (LBS.)	CAT. NO.	STD. CTN.	STD. WT. (LBS.)	STEEL CAT. NO.	PVC CAT. NO.	STD. CTN.	STEEL LATCH CAT. NO.	NON-METALLIC LATCH CAT. NO.	STD. CTN.
NP644B	6 x 4 x 5 [†]	18	21	NH64L	NI64L	16	Opa 6.8/Clr 6.3	NH64C	16	6	JP64	JP64P	1	SSLS	NPLIS	25
NP664B	6 x 4 x 5	12	17	NH66L	NI66L	12	Opa 6.8/Clr 6.3	NH66C	12	5	JP66	JP66P	1	SSLS	NPLIS	25
NP864B	8 x 6 x 5	12	18	NH86L	NI86L	9	Opa 6.3/Clr 5.7	NH86C	9	4	JP86	JP86P	1	SSLS	NPLIS	25
NP884B	8 x 8 x 5	14	28	NH88L	NI88L	18	Opa 16/Clr 15	NH88C	9	3.6	JP88	JP88P	1	SSLS	NPLIS	25
NP1084B	10 x 8 x 5	12	26	NH108L	NI108L	12	Opa 13/Clr 12	NH108C	12	7.8	JP108	JP108P	1	SSLS	NPLIS	25
NP1086B	10 x 8 x 7	8	23	NH108L	NI108L	12	Opa 13/Clr 12	NH108C	12	7.8	JP108	JP108P	1	SSLS	NPLIS	25
NP1010B	10 x 10 x 7	6	20	NH1010L	NI1010L	11	Opa 14/Clr 13	NH1010C	11	7.5	JP1010	JP1010P	1	SSLS	NPLIS	25
NP1210B	12 x 10 x 7 [‡]	6	23	NH1210L	NI1210L	12	Opa 17/Clr 6	NH1210C	12	8	JP1210	JP1210P	1	SSLS	NPLIS	25
NP1212B	12 x 12 x 7 [‡]	5	22	NH1212L	NI1212L	10	Opa 17/Clr 16	NH1212C	12	7.7	JP1212	JP1212P	1	SSLS	NPLIS	25
NP1412B	14 x 12 x 7 [‡]	5	24	NH1412L	NI1412L	5	Opa 10/Clr 10	NH1412C	5	4.7	JP1412	JP1412P	1	SSLS	NPLIS	25
NP1614B	16 x 14 x 7 [‡]	4	31	NH1614L	NI1614L	5	Opa 13/Clr 12	NH1614C	5	5.6	JP1614	JP1614P	1	SSLS	NPLIS	25

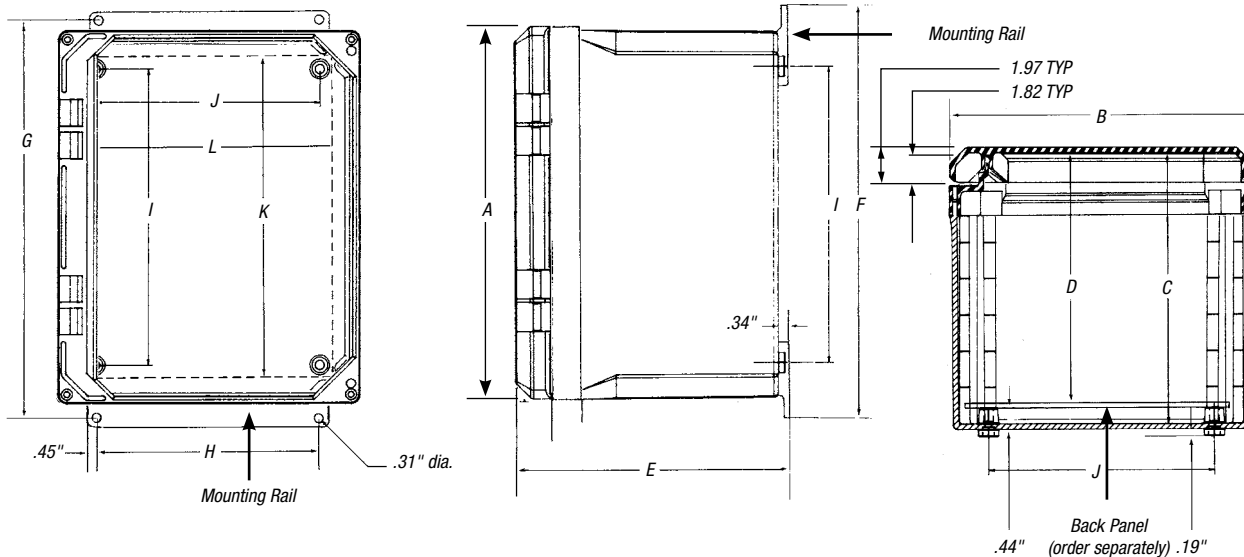
* Mounting rails are not included. See "Mounting Rails" listed on page A-307.

** Order back panels separately.

[†] 6 x 4 x 5 enclosures are not available with quick-release latches.

[‡] Sizes 12 x 10 and larger require two (2) latches per enclosure.

Circuit Safe® NEMA Enclosures



Individual Components (continued)

ENCLOSURE WITH		ENCLOSURE SIZE (IN.)						ENCLOSURE MOUNTING HOLE SPACING		PANEL MOUNTING HOLE SPACING		BACK PANEL SIZE		BACK PANEL** CAT. NO.	
OPAQUE LID CAT. NO.*	CLEAR LID CAT. NO.*	A	B	C	D	E	F	G	H	I	J	K	L	STEEL	PVC
NH644	NI644	6.40	4.40	5.30	4.79	5.94	7.69	6.75	2.00	4.29	2.28	4.88	2.88	JP64	JP64P
NH664	NI664	6.40	6.40	5.30	4.79	5.94	7.69	6.75	4.00	4.28	4.28	4.88	4.88	JP66	JP66P
NH864	NI864	8.40	6.40	5.30	4.79	5.94	9.69	8.75	4.00	6.27	4.26	6.75	4.88	JP86	JP86P
NH884	NI884	8.40	8.40	5.30	4.79	5.94	9.69	8.75	6.00	6.30	6.30	6.75	6.88	JP88	JP88P
NH1084	NI1084	10.40	8.40	5.30	4.79	5.94	11.69	10.75	6.00	8.34	6.30	8.75	6.88	JP108	JP108P
NH1086	NI1086	10.40	8.40	7.30	6.79	7.94	11.69	10.75	6.00	8.34	6.30	8.75	6.88	JP108	JP108P
NH10106	NI10106	10.40	10.40	7.30	6.79	7.94	11.59	10.75	8.00	8.29	8.29	8.75	8.88	JP1010	JP1010P
NH12106	NI12106	12.40	10.40	7.30	6.79	7.94	13.69	12.75	8.00	10.30	8.28	10.75	8.88	JP1210	JP1210P
NH12126	NI12126	12.40	12.40	7.30	6.79	7.94	13.69	12.75	10.00	10.24	10.24	10.75	10.88	JP1212	JP1212P
NH14126	NI14126	14.40	12.40	7.30	6.79	7.94	15.69	14.75	10.00	12.26	10.24	12.75	10.88	JP1412	JP1412P
NH16146	NI16146	16.40	14.40	7.30	6.79	7.94	17.69	16.75	12.00	14.26	12.26	14.75	12.88	JP1614	JP1612P

* Include body, lid and mounting rail kit.

** Order back panels separately (10/32 - 3/8" Back Panel screws not supplied).



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Circuit Safe® NEMA Enclosures

Meets NEMA 1, 2, 3, 3S, 3X, 3SX, 4, 4X, 12.



External-Hinge Covers

Enclosure Kits

OPAQUE COVER* CAT. NO.	CLEAR COVER* CAT. NO.	BACK PANELS** STEEL	BACK PANELS** PVC	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.) OPAQUE/CLEAR
NJ664	NC664	JP66	JP66P	6 x 6 x 4	1	Opa 2.4/Clr 2.4
NJ864	NC864	JP86	JP86P	8 x 6 x 4	1	Opa 2.9/Clr 2.9
NJ884	NC884	JP88	JP88P	8 x 8 x 4	1	Opa 3.3/Clr 3.3
NJ1084	NC1084	JP108	JP108P	10 x 8 x 4	1	Opa 4/Clr 4
NJ1086	NC1086	JP108	JP108P	10 x 8 x 6	1	Opa 4.6/Clr 4.7
NJ10106	NC10106	JP1010	JP1010P	10 x 10 x 6	1	Opa 5.6/Clr 5.3
NJ12106	NC12106	JP1210	JP1210P	12 x 10 x 6	1	Opa 6.3/Clr 5.8
NJ12126	NC12126	JP1212	JP1212P	12 x 12 x 6	1	Opa 6.9/Clr 6.6
NJ14126	NC14126	JP1412	JP1412P	14 x 12 x 6	1	Opa 7.7/Clr 7
NJ16146	NC16146	JP1614	JP1614P	16 x 14 x 6	1	Opa 8.2/Clr 8

* Include body, lid and mounting rail kit.

** Order back panels separately.



Opaque Cover



Clear Cover

Individual Components

ENCLOSURE BASE*				ENCLOSURE LIDS				BACK PANELS**			LATCHES		
CAT. NO.	ENCLOSURE SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)	OPAQUE LIDS CAT. NO.	CLEAR LIDS CAT. NO.	STD. CTN.	STD. WT. (LBS.)	STEEL CAT. NO.	PVC CAT. NO.	STD. CTN.	STEEL LATCH CAT. NO.	NON-METALLIC LATCH CAT. NO.	STD. CTN.
NL664B	6 x 6 x 4	12	18	NJ66L	NC66L	12	Opa 5.0/Clr 5.9	JP66	JP66P	1	SSLS	NPLIS	25
NL864B	8 x 6 x 4	8	14	NJ86L	NC86L	9	Opa 6/Clr 5.3	JP86	JP86P	1	SSLS	NPLIS	25
NL884B	8 x 8 x 4	14	28	NJ88L	NC88L	18	Opa 15/Clr 13.5	JP88	JP88P	1	SSLS	NPLIS	25
NL1084B	10 x 8 x 4	12	32	NJ108L	NC108L	12	Opa 13/Clr 11.7	JP108	JP108P	1	SSLS	NPLIS	25
NL1086B	10 x 8 x 6	8	15	NJ108L	NC108L	12	Opa 13/Clr 11.7	JP108	JP108P	1	SSLS	NPLIS	25
NL1010B	10 x 10 x 6	6	20	NJ1010L	NC1010L	11	Opa 14/Clr 13	JP1010	JP1010P	1	SSLS	NPLIS	25
NL1210B	12 x 10 x 6 †	6	24	NJ1210L	NC1210L	12	Opa 14/Clr 15	JP1210	JP1210P	1	SSLS	NPLIS	25
NL1212B	12 x 12 x 6 †	5	21.8	NJ1212L	NC1212L	10	Opa 16/Clr 14	JP1212	JP1212P	1	SSLS	NPLIS	25
NL1412B	14 x 12 x 6 †	4	19	NJ1412L	NC1412L	5	Opa 10/Clr 9	JP1412	JP1412P	1	SSLS	NPLIS	25
NL1614B	16 x 14 x 6 †	4	31	NJ1614L	NC1614L	5	Opa 13.5/Clr 12	JP1614	JP1614P	1	SSLS	NPLIS	25

* Mounting rails are not included. See Mounting Rails on page A-307.

** Order back panels separately.

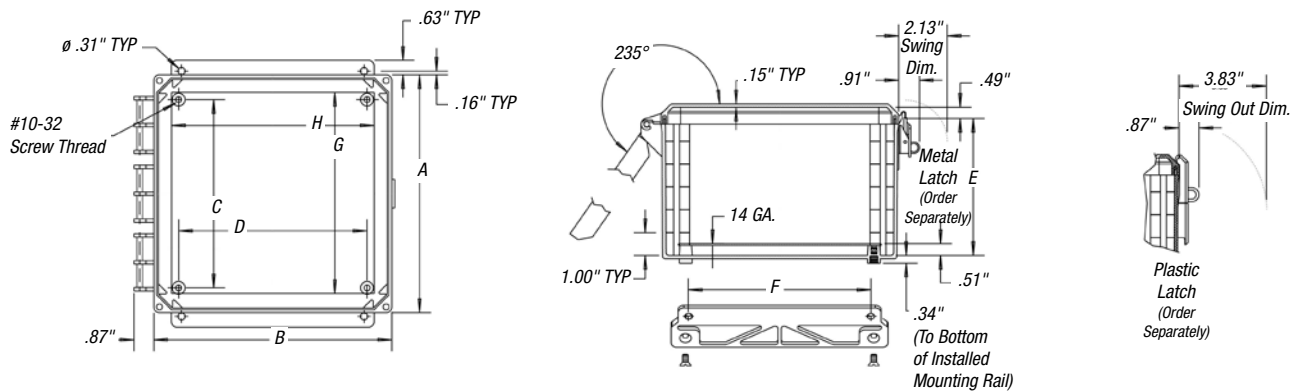
† Sizes 12 x 10 and larger require two (2) latches per enclosure.



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Individual Components (continued)

ENCLOSURE WITH		ENCLOSURE SIZE (IN.)						ENCLOSURE MOUNTING HOLE SPACING		PANEL MOUNTING HOLE SPACING		BACK PANEL SIZE		BACK PANEL** CAT. NO.	
CLEAR LID CAT. NO.*	OPAQUE LID CAT. NO.*	A	B	C	D	E	F	G	H	I	J	K	L	STEEL	PVC
NC644	NJ644	6.40	4.40	4.49	3.98	5.13	7.69	6.75	2.00	4.29	2.28	4.88	2.88	JP64	JP64P
NC664	NJ664	6.40	6.40	4.49	3.98	5.13	7.69	6.75	4.00	4.28	4.28	4.88	4.88	JP66	JP66P
NC864	NJ864	8.40	6.40	4.49	3.98	5.13	9.69	8.75	4.00	6.27	4.26	6.75	4.88	JP86	JP86P
NC884	NJ884	8.40	8.40	4.49	3.98	5.13	9.69	8.75	6.00	6.30	6.30	6.75	6.88	JP88	JP88P
NC1084	NJ1084	10.40	8.40	4.49	3.98	5.13	11.69	10.75	6.00	8.34	6.30	8.75	6.88	JP108	JP108P
NC1086	NJ1086	10.40	8.40	6.49	5.98	7.13	11.69	10.75	6.00	8.34	6.30	8.75	6.88	JP108	JP108P
NC10106	NJ10106	10.40	10.40	6.49	5.98	7.13	11.69	10.75	8.00	8.29	8.29	8.75	8.88	JP1010	JP1010P
NC12106	NJ12106	12.40	10.40	6.49	5.98	7.13	13.69	12.75	8.00	10.30	8.28	10.75	8.88	JP1210	JP1210P
NC12126	NJ12126	12.40	12.40	6.49	5.98	7.13	13.69	12.75	10.00	10.24	10.24	10.75	10.88	JP1212	JP1212P
NC14126	NJ14126	14.40	12.40	6.49	5.98	7.13	15.69	14.75	10.00	12.26	10.24	12.75	10.88	JP1412	JP1412P
NC16146	NJ16146	16.40	14.40	6.49	5.98	7.13	17.69	16.75	12.00	14.26	12.26	14.75	12.88	JP1614	JP1614P

* Include body, lid and mounting rail kit.

** Order back panels separately (10/32 - 3/8 Back Panel screws not supplied).



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Quick Reference

Screw-On Cover Styles

ENCLOSURE KITS (NO PANEL OR LATCHES)		INDIVIDUAL COMPONENTS					
OPAQUE LID	CLEAR LID	BODY	LID	COLLAR	MTG. RAILS	BACK PANELS	
						STEEL	PVC
NS644		NP644B	NS64L	N/A	NMK4V	JP64	JP64P
	NV644	NP644B	NV64L	N/A	NMK4V	JP64	JP64P
NS664		NP664B	NS66L	N/A	NMK6V	JP66	JP66P
	NV664	NP664B	NV66L	N/A	NMK6V	JP66	JP66P
NS864		NP864B	NS86L	N/A	NMK6V	JP86	JP86P
	NV864	NP864B	NV86L	N/A	NMK6V	JP86	JP86P
NS884		NP884B	NS88L	N/A	NMK8V	JP88	JP88P
	NV884	NP884B	NV88L	N/A	NMK8V	JP88	JP88P
NS1084		NP1084B	NS108L	N/A	NMK8V	JP108	JP108P
	NV1084	NP1084B	NV108L	N/A	NMK8V	JP108	JP108P
NS1086		NP1086B	NS108L	N/A	NMK8V	JP108	JP108P
	NV1086	NP1086B	NV108L	N/A	NMK8V	JP108	JP108P
NS10106		NP1010B	NS1010L	N/A	NMK10V	JP1010	JP1010P
	NV10106	NP1010B	NV1010L	N/A	NMK10V	JP1010	JP1010P
NS12106		NP1210B	NS1210L	N/A	NMK10V	JP1210	JP1210P
	NV12106	NP1210B	NV1210L	N/A	NMK10V	JP1210	JP1210P
NS12126		NP1212B	NS1212L	N/A	NMK12V	JP1212	JP1212P
	NV12126	NP1212B	NV1212L	N/A	NMK12V	JP1212	JP1212P
NS14126		NP1412B	NS1412L	N/A	NMK12V	JP1412	JP1412P
	NV14126	NP1412B	NV1412L	N/A	NMK12V	JP1412	JP1412P
NS16146		NP1614B	NS1614L	N/A	NMK14V	JP1614	JP1614P
	NV16146	NP1614B	NV1614L	N/A	NMK14V	JP1614	JP1614P

External-Hinge Cover Styles

ENCLOSURE KITS (NO PANEL OR LATCHES)		INDIVIDUAL COMPONENTS							
OPAQUE LID	CLEAR LID	BODY	LID	COLLAR	MTG. RAILS	BACK PANELS		LATCHES (QTY. NEEDED)	
						STEEL	PVC	STEEL	NON-METALLIC
NJ644		NL644B	NJ64L	N/A	NMK4V	JP64	JP64P	SSLS (1)	NPL1S (1)
	NC644	NL644B	NC64L	N/A	NMK4V	JP64	JP64P	SSLS (1)	NPL1S (1)
NJ664		NL664B	NJ66L	N/A	NMK6V	JP66	JP66P	SSLS (1)	NPL1S (1)
	NC664	NL664B	NC66L	N/A	NMK6V	JP66	JP66P	SSLS (1)	NPL1S (1)
NJ864		NL864B	NJ86L	N/A	NMK6V	JP86	JP86P	SSLS (1)	NPL1S (1)
	NC864	NL864B	NC86L	N/A	NMK6V	JP86	JP86P	SSLS (1)	NPL1S (1)
NJ884		NL884B	NJ88L	N/A	NMK8V	JP88	JP88P	SSLS (1)	NPL1S (1)
	NC884	NL884B	NC88L	N/A	NMK8V	JP88	JP88P	SSLS (1)	NPL1S (1)
NJ1084		NL1084B	NJ108L	N/A	NMK8V	JP108	JP108P	SSLS (1)	NPL1S (1)
	NC1084	NL1084B	NC108L	N/A	NMK8V	JP108	JP108P	SSLS (1)	NPL1S (1)
NJ1086		NL1086B	NJ108L	N/A	NMK8V	JP108	JP108P	SSLS (1)	NPL1S (1)
	NC1086	NL1086B	NC108L	N/A	NMK8V	JP108	JP108P	SSLS (1)	NPL1S (1)
NJ10106		NL1010B	NJ1010L	N/A	NMK10V	JP1010	JP1010P	SSLS (1)	NPL1S (1)
	NC10106	NL1010B	NC1010L	N/A	NMK10V	JP1010	JP1010P	SSLS (1)	NPL1S (1)
NJ12106		NL1210B	NJ1210L	N/A	NMK10V	JP1210	JP1210P	SSLS (2)	NPL1S (2)
	NC12106	NL1210B	NC1210L	N/A	NMK10V	JP1210	JP1210P	SSLS (2)	NPL1S (2)
NJ12126		NL1212B	NJ1212L	N/A	NMK12V	JP1212	JP1212P	SSLS (2)	NPL1S (2)
	NC12126	NL1212B	NC1212L	N/A	NMK12V	JP1212	JP1212P	SSLS (2)	NPL1S (2)
NJ14126		NL1412B	NJ1412L	N/A	NMK12V	JP1412	JP1412P	SSLS (2)	NPL1S (2)
	NC14126	NL1412B	NC1412L	N/A	NMK12V	JP1412	JP1412P	SSLS (2)	NPL1S (2)
NJ16146		NL1614B	NJ1614L	N/A	NMK14V	JP1614	JP1614P	SSLS (2)	NPL1S (2)
	NC16146	NL1614B	NC1614L	N/A	NMK14V	JP1614	JP1614P	SSLS (2)	NPL1S (2)

Circuit Safe® NEMA Enclosures

Hidden-Hinge Cover Styles

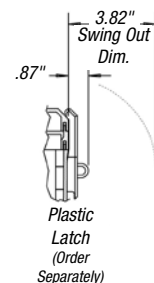
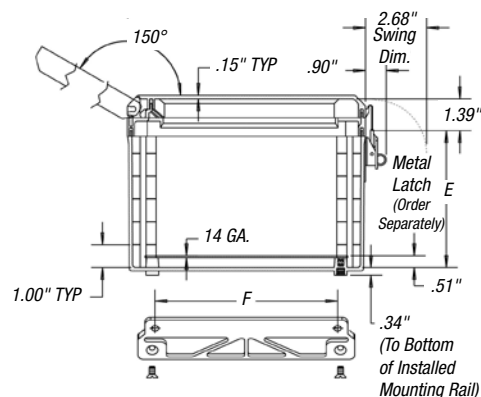
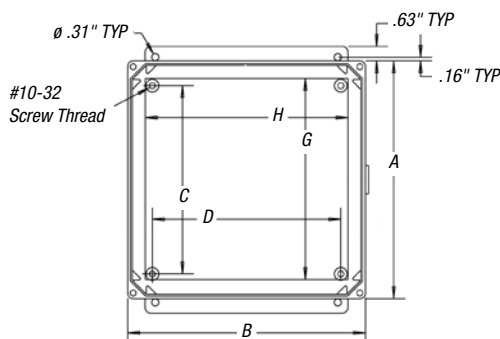
ENCLOSURE KITS (NO PANEL OR LATCHES)		INDIVIDUAL COMPONENTS							
OPAQUE LID	CLEAR LID	BODY	LID	COLLAR	MTG. RAILS	BACK PANELS		LATCHES (QTY. NEEDED)	
						STEEL	PVC	STEEL	NON-METALLIC
NH644		NP644B	NH64L	NH64C	NMK4V	JP64	JP64P	SSL (1)	NPL1L (1)
	NI644	NP644B	NI64L	NH64C	NMK4V	JP64	JP64P	SSL (1)	NPL1L (1)
NH664		NP664B	NH66L	NH66C	NMK6V	JP66	JP66P	SSL (1)	NPL1L (1)
	NI664	NP664B	NI66L	NH66C	NMK6V	JP66	JP66P	SSL (1)	NPL1L (1)
NH864		NP864B	NH86L	NH86C	NMK6V	JP86	JP86P	SSL (1)	NPL1L (1)
	NI864	NP864B	NI86L	NH86C	NMK6V	JP86	JP86P	SSL (1)	NPL1L (1)
NH884		NP884B	NH88L	NH88C	NMK8V	JP88	JP88P	SSL (1)	NPL1L (1)
	NI884	NP884B	NI88L	NH88C	NMK8V	JP88	JP88P	SSL (1)	NPL1L (1)
NH1084		NP1084B	NH108L	NH108C	NMK8V	JP108	JP108P	SSL (1)	NPL1L (1)
	NI1084	NP1084B	NI108L	NH108C	NMK8V	JP108	JP108P	SSL (1)	NPL1L (1)
NH1086		NP1086B	NH108L	NH108C	NMK8V	JP108	JP108P	SSL (1)	NPL1L (1)
	NI1086	NP1086B	NI108L	NH108C	NMK8V	JP108	JP108P	SSL (1)	NPL1L (1)
NH10106		NP1010B	NH1010L	NH1010C	NMK10V	JP1010	JP1010P	SSL (1)	NPL1L (1)
	NI10106	NP1010B	NI1010L	NH1010C	NMK10V	JP1010	JP1010P	SSL (1)	NPL1L (1)
NH12106		NP1210B	NH1210L	NH1210C	NMK10V	JP1210	JP1210P	SSL (2)	NPL1L (2)
	NI12106	NP1210B	NI1210L	NH1210C	NMK10V	JP1210	JP1210P	SSL (2)	NPL1L (2)
NH12126		NP1212B	NH1212L	NH1212C	NMK12V	JP1212	JP1212P	SSL (2)	NPL1L (2)
	NI12126	NP1212B	NI1212L	NH1212C	NMK12V	JP1212	JP1212P	SSL (2)	NPL1L (2)
NH14126		NP1412B	NH1412L	NH1412C	NMK12V	JP1412	JP1412P	SSL (2)	NPL1L (2)
	NI14126	NP1412B	NI1412L	NH1412C	NMK12V	JP1412	JP1412P	SSL (2)	NPL1L (2)
NH16146		NP1614B	NH1614L	NH1614C	NMK14V	JP1614	JP1614P	SSL (2)	NPL1L (2)
	NI16146	NP1614B	NI1614L	NH1614C	NMK14V	JP1614	JP1614P	SSL (2)	NPL1L (2)



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Circuit Safe® JIC Enclosures

Circuit Safe® JIC Enclosures

Manufactured from structural foam thermoplastic, Carlton® Circuit Safe® JIC enclosures provide high-impact strength to eliminate dents and deformations along with high dielectric strength, excellent weathering capabilities and excellent resistance to a wide range of corrosive agents, acids, alkalines and salts. These UL Approved and CSA Recognized enclosures also withstand wet and dirty environments, while their thick-wall construction make them a particularly good choice wherever condensation is a concern. Rated for use in Type 1, 3, 3S, 3X, 3SX, 4, 4X, 12 and 13 environments, Carlton® Circuit Safe® JIC enclosures are suited for virtually all indoor/outdoor industrial, MRO and OEM applications. They are available in 10 sizes from 6 x 6 x 5 through 30 x 24 x 12 with a choice of screw or hinged design, opaque covers or clear polycarbonate covers that protect devices from hostile environments while enabling monitoring of instrumentation and/or electrical functions.



Features:

- Hinge caps make covers captive
- Non-metallic molded-in hinges on hinged models
- No rough corners, sharp edges or burrs
- Non-conductive — eliminates danger of electrical shock
- Lid design provides greater usable internal volume
- Ample interior space for ease of wiring
- Fully gasketed
- Ultraviolet stabilized for outdoor use

Applications:

- Instrument case
- Junction and terminal boxes
- Control and switching enclosures
- Splice and pull boxes
- Starter, pushbutton and transformer housings
- Meter and transformer cabinets

Standards:

- Meets NEMA Types 1, 3, 3S, 3X, 3SX, 4, 4X, 12, 13 as indicated
- UL® Listed per UL 50, enclosures for electrical equipment
- CSA Certified
- JIC compliance

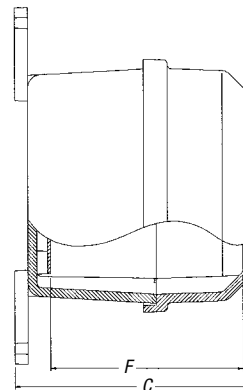
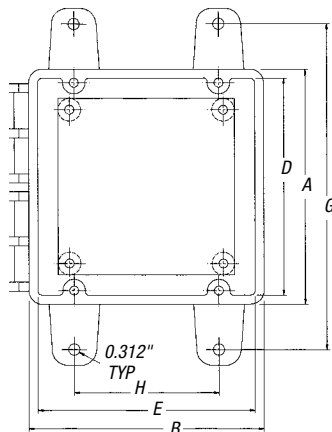
Circuit Safe® JIC Enclosures

Meets NEMA 1, 3, 3S, 3X, 3SX, 4, 4X, 12, 13.

Hinged Covers

Features:

- Non-metallic mounting feet and all mounting hardware included
- White-painted 14-gauge steel or ¼" PVC back panel (order separately)
- 304 (18-8) stainless steel screws (10-32/1½")
- Lid design provides greater usable internal volume
- Completely non-metallic hinges
- Brass screw inserts
- Temperature range: -30° to 230° F
- Material: polycarbonate molded base and cover



Boxes & Covers — Carlton® Enclosures & Junction Boxes



Factory Assembled

OPAQUE COVER CAT. NO.	CLEAR COVER CAT. NO.	DIMENSIONS (IN.)								STD. WT. (LBS.) OPAQUE/CLEAR	BACK PANEL* CAT. NO.		PANEL SIZE (IN.)	STD. WT. (LBS.) STEEL/PVC
		EXTERNAL			INTERNAL			MOUNTING			STEEL	PVC		
		A	B	C	D	E	F	G	H					
CJ665	CC665	6.50	6.50	6.69	6.00	6.00	5.45	9.00	4.00	1 (Opa 3.5)/1 (Clr 3.1)	JP66	JP66P	4.88 x 4.88	1 (1.0)/1 (0.3)
CJ863	CC863	8.50	6.50	4.49	8.00	6.00	3.25	11.00	4.00	1 (Opa 2.8)/1 (Clr 3.1)	JP86	JP86P	6.75 x 4.88	1 (1.0)/1 (0.78)
CJ1085	CC1085	10.50	8.50	6.69	10.00	8.00	5.45	13.00	6.00	1 (Opa 5.2)/1 (Clr 5.2)	JP108	JP108P	8.75 x 6.88	1 (1.5)/1 (0.7)
CJ12106	CC12106	12.50	10.50	7.69	12.00	10.00	6.45	15.00	8.00	1 (Opa 7.1)/1 (Clr 8.4)	JP1210	JP1210P	10.75 x 8.88	1 (2.0)/1 (1.2)
CJ14126	CC14126	14.50	12.50	7.72	14.00	12.00	6.48	17.00	10.00	1 (Opa 9.0)/1 (Clr 8.6)	JP1412	JP1412P	12.75 x 10.88	1 (3.2)/1 (1.7)
CJ16147	CC16147	16.50	14.50	8.46	16.00	14.00	7.22	19.00	12.00	1 (Opa 10.6)/1 (Clr 11.9)	JP1614	JP1614P	14.75 x 12.88	1 (4.7)/1 (2.3)

*Order back panels separately.

Enclosures shipped with mounting feet, hinge caps and screws.

For factory-installed pad-lockable latch (part no. CJTL), consult Customer Service for price and delivery.

www.tnb.com

United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289



Request Info

1-800-453-1692
www.aboveboardelectronics.com

Thomas & Betts

Circuit Safe® JIC Enclosures

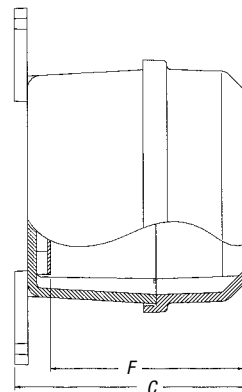
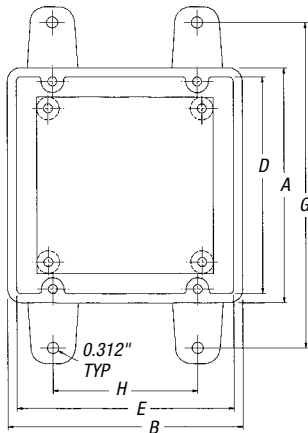
Meets NEMA 1, 3, 3S, 3X, 3SX, 4, 4X, 12, 13.



Screw-On Covers

Features:

- Non-metallic mounting feet and all mounting hardware included
- 304 (18-8) stainless steel screws (10-32/1½")
- Brass screw inserts
- Clear polycarbonate cover available
- White-painted 14-gauge steel or ¼" PVC back panel (order separately)
- Lid design provides greater usable internal volume
- Temperature range: -30° to 230° F
- Material: polycarbonate molded base and cover



Factory Assembled

OPAQUE COVER CAT. NO.	CLEAR COVER CAT. NO.	DIMENSIONS (IN.)								STD. WT. (LBS.) OPAQUE/CLEAR	BACK PANEL* CAT. NO.		PANEL SIZE (IN.)	STD. WT. (LBS.) STEEL/PVC
		EXTERNAL			INTERNAL			MOUNTING			STEEL	PVC		
		A	B	C	D	E	F	G	H					
CS665	CV665	6.50	6.50	6.69	6.00	6.00	5.45	9.00	4.00	1 (Opa 2.7)/1 (Clr 2.9)	JP66	JP66P	4.88 x 4.88	1 (1.0)/1 (0.3)
CS863	CV863	8.50	6.50	4.49	8.00	6.00	3.25	11.00	4.00	1 (Opa 2.9)/1 (Clr 2.9)	JP86	JP86P	6.75 x 4.88	1 (1.0)/1 (0.4)
CS1085	CV1085	10.50	8.50	6.69	10.00	8.00	5.45	13.00	6.00	1 (Opa 5.0)/1 (Clr 5.0)	JP108	JP108P	8.75 x 6.88	1 (1.5)/1 (0.7)
CS12106	CV12106	12.50	10.50	7.69	12.00	10.00	6.45	15.00	8.00	1 (Opa 6.5)/1 (Clr 7.2)	JP1210	JP1210P	10.75 x 8.88	1 (2.0)/1 (1.2)
CS14126	CV14126	14.50	12.50	7.72	14.00	12.00	6.48	17.00	10.00	1 (Opa 8.0)/1 (Clr 8.8)	JP1412	JP1412P	12.75 x 10.88	1 (3.2)/1 (1.7)
CS16147	CV16147	16.50	14.50	8.46	16.00	14.00	7.22	19.00	12.00	1 (Opa 11.5)/1 (Clr 10.8)	JP1614	JP1614P	14.75 x 12.88	1 (4.7)/1 (2.3)

*Order back panels separately.

Enclosures shipped with mounting feet and panel mounting hardware.

Circuit Safe® JIC Enclosures

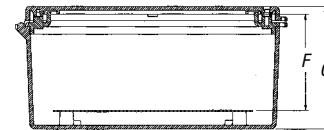
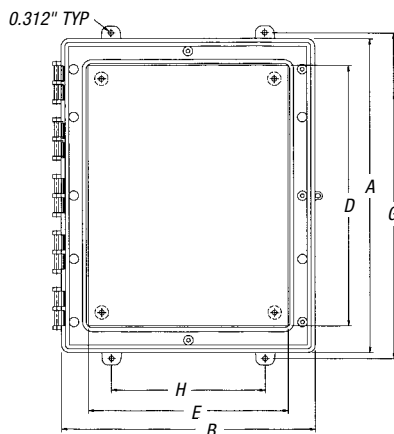
Meets NEMA 1, 3, 3S, 3X, 3SX, 4, 4X, 12, 13.



Medium Hinged Covers

Features:

- Non-metallic mounting feet and all mounting hardware included
- White-painted 14-gauge steel or ¼" PVC back panel (order separately)
- 304 (18-8) stainless steel screws (10-32/1½")
- Completely non-metallic hinges
- Brass screw inserts
- Temperature range: -40° to 185° F
- Material: NORYL base and cover



Factory Assembled

CAT. NO.	DIMENSIONS (IN.)								STD. WT. (LBS.)	BACK PANEL* CAT. NO.		PANEL SIZE (IN.)	STD. WT. (LBS.) STEEL/PVC
	EXTERNAL			INTERNAL			MOUNTING			STEEL	PVC		
C2016A4	20.50	16.50	8.36	17.25	13.25	6.28	21.26	10.00	1 (15.1)	NP2016	NP2016P	17 x 13.25	1 (7.0)/1 (6.1)
C2016B4	20.50	16.50	10.36	17.25	13.25	8.28	21.26	10.00	1 (17.2)	NP2016	NP2016P	17 x 13.25	1 (7.0)/1 (6.1)
C2016C4	20.50	16.50	12.36	17.25	13.25	10.28	21.26	10.00	1 (19.7)	NP2016	NP2016P	17 x 13.25	1 (7.0)/1 (6.1)
C2420A4	24.50	20.50	8.36	21.25	17.25	6.28	25.26	14.00	1 (21.5)	NP2420	NP2420P	21 x 17	1 (10.4)/1 (4.7)
C2420B4	24.50	20.50	10.36	21.25	17.25	8.28	25.26	14.00	1 (24)	NP2420	NP2420P	21 x 17	1 (10.4)/1 (4.7)
C2420C4	24.50	20.50	12.36	21.25	17.25	10.28	25.26	14.00	1 (24.9)	NP2420	NP2420P	21 x 17	1 (10.4)/1 (4.7)
C3024A4	30.50	24.50	8.36	27.25	21.25	6.28	31.26	18.00	1 (28.4)	NP3024	NP3024P	27 x 21	1 (18.0)/1 (9.8)
C3024B4	30.50	24.50	10.36	27.25	21.25	8.28	31.26	18.00	1 (31.4)	NP3024	NP3024P	27 x 21	1 (18.0)/1 (9.8)
C3024C4	30.50	24.50	12.36	27.25	21.25	10.28	31.26	18.00	1 (33.8)	NP3024	NP3024P	27 x 21	1 (18.0)/1 (9.8)

*Order back panels separately.

*Enclosure only available with opaque hinged cover.

Enclosures shipped with mounting feet, hinge caps and screws.

For factory-installed pad-lockable latch (part no. CJTL), consult Customer Service for price and delivery.



United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289



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www.aboveboardelectronics.com

Circuit Safe® JIC Enclosures

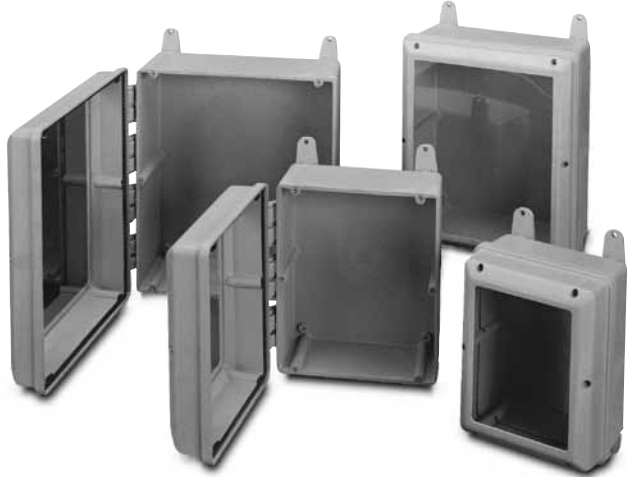
Meets NEMA 1, 3, 3S, 3X, 3SX, 4, 4X, 12, 13.



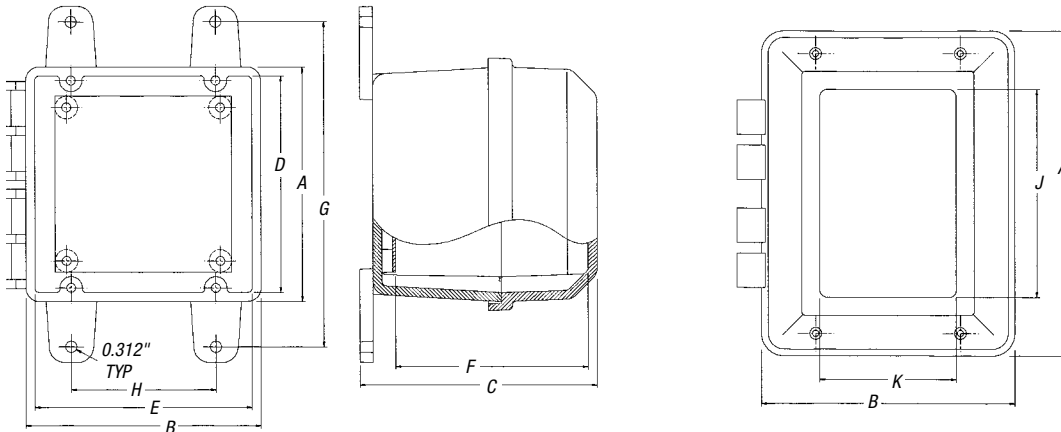
Hinged Window Cover

Features:

- Non-metallic mounting feet and all mounting hardware included
- 304 (18-8) stainless steel screws (10-32/1½")
- White-painted 14-gauge steel or ¼" PVC back panel (order separately)
- Completely non-metallic hinges
- Lid design provides greater usable internal volume
- Brass screw inserts
- Material: polycarbonate molded base and cover



Note: Window material 1/8" thick, clear polycarbonate is permanently bonded to the cover.



Factory Assembled

CAT. NO.	DIMENSIONS (IN.)										STD. WT. (LBS.)	BACK PANEL* CAT. NO.		PANEL SIZE (IN.)	STD. WT. (LBS.) STEEL/ PVC
	EXTERNAL				INTERNAL			MOUNTING				STEEL	PVC		
	A	B	C	D	E	F	G	H	J	K					
J665W	6.50	6.50	6.69	6.00	6.00	5.45	9.00	4.00	3.75	3.75	1 (3.1)	JP66	JP66P	4.88 x 4.88	1 (1.0)/1 (0.3)
J863W	8.50	6.50	4.49	8.00	6.00	3.25	11.00	4.00	3.75	3.75	1 (3.2)	JP86	JP86P	6.75 x 4.88	1 (1.0)/1 (0.78)
J1085W	10.50	8.50	6.69	10.00	8.00	5.45	13.00	6.00	7.75	5.75	1 (5.6)	JP108	JP108P	8.75 x 6.88	1 (1.5)/1 (0.7)
J12106W	12.50	10.50	7.69	12.00	10.00	6.45	15.00	8.00	9.75	7.75	1 (7.4)	JP1210	JP1210P	10.75 x 8.88	1 (2.0)/1 (1.2)

Enclosures shipped with mounting feet, hinge caps and screws.

*Order back panels separately.

For factory-installed pad-lockable quick-release latch (part no. CJTL), consult Customer Service for price and delivery.

Circuit Safe® Pushbutton Enclosures

Circuit Safe® Pushbutton Enclosures

Circuit Safe® Non-Metallic Pushbutton Enclosures are molded from engineered thermoplastic material that is resistant to most corrosive agents. Whether predrilled 1-2-3 hole enclosures, blank cover enclosures or enclosures with multiple hole openings, Carlton's pushbutton enclosure series offers high-impact strength, chemical resistance, high dielectric strength and excellent durability for the correct application.

Features:

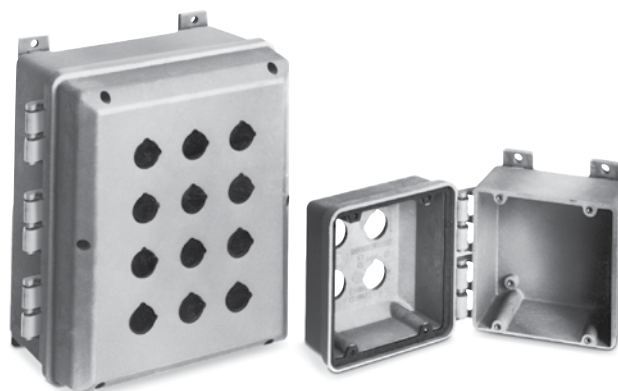
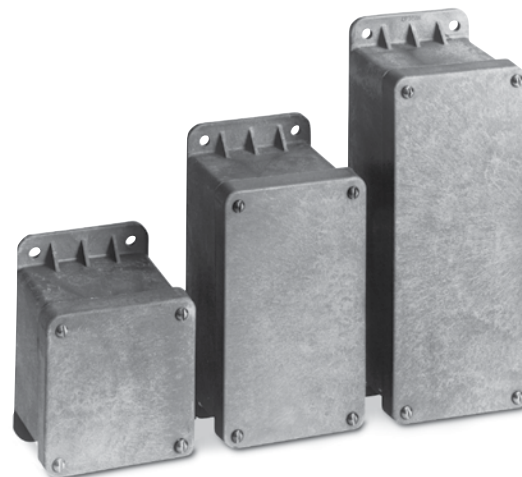
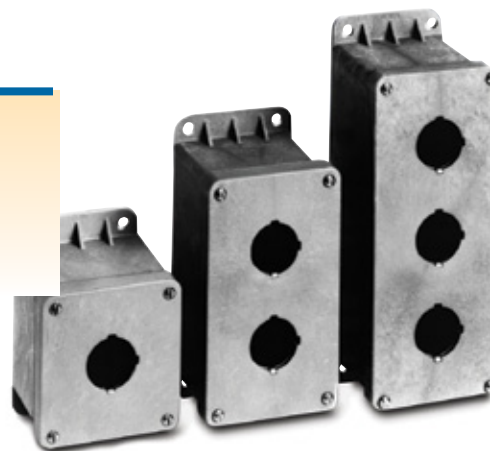
- Engineered thermoplastic base and cover
- 304 stainless steel screws
- Brass screw inserts
- High-impact strength
- Temperature range: -40° to 185° F
- UL94-V2

Applications:

- Standard oil-tight pushbuttons, switches and pilot lights
- Conduit entries
- Junction boxes
- MRO and OEM applications

Standards:

- Standards vary by product
- Screw cover pushbutton enclosures with 1-2-3 hole openings are listed per UL 50 for industrial controls
- Narrow-profile blank-screw cover enclosures are listed per UL 50 for industrial controls and meet NEMA Type 1, 3, 3S, 3X, 3SX, 4, 4X, 12 and 13
- Non-metallic hinged cover enclosures with multiple hole openings are UL Listed



Circuit Safe® Pushbutton Enclosures

UL® Listed per UL 50 for Industrial Controls.

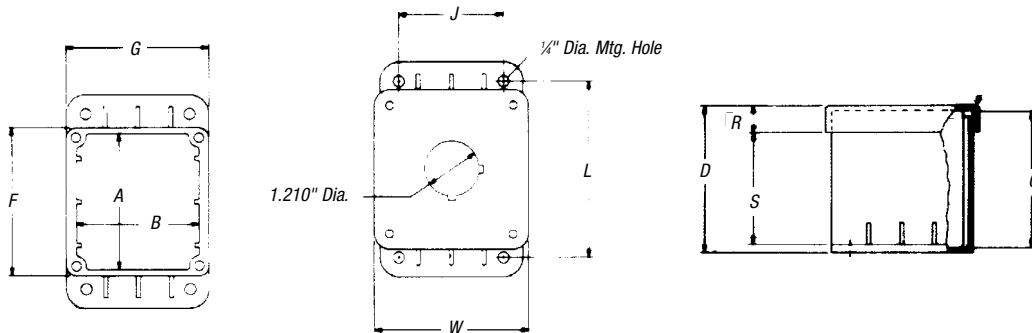


Screw Cover Enclosures with 1-2-3 Hole Openings

Wallmount pushbutton enclosures are molded from gray, engineered thermoplastic material that is resistant to most corrosive agents. Universal pushbutton holes are designed to accommodate all standard oil-tight pushbuttons, switches and pilot lights. A grounding plate is included on the cover. Auxiliary devices must be rated for appropriate NEMA applications.

Features:

- 30.5mm keyed pushbutton holes*
- Material: nylon base and cover
- Integrally molded mounting flange
- Brass screw inserts
- 304 (18-8) stainless screws (8-32/3/16")
- Temperature range: -40° to 185°F
- UL94-V2



30.5mm Pushbutton Enclosures †

CAT. NO.	STYLE	INSIDE BOX SIZE A X B X C	MOUNTING L X J	OVERALL OUTSIDE INCLUDING MOUNTING BRACKET				STD. CTN.	STD. WT. (LBS.)			
				H	X	W	X D					
CP100N	One Opening	3.13 x 2.81 x 3	4 x 2.38	4.88	3.50	3.38	3.38	3.25	.63	2.5	12	9
CP200N	Two Openings	5.38 x 2.81 x 3	6.25 x 2.38	7.13	3.50	3.38	5.63	3.25	.63	2.5	8	8
CP300N	Three Openings	7.38 x 2.81 x 3	8.50 x 2.38	9.38	3.50	3.38	7.88	3.25	.63	2.5	6	7.60

22mm Pushbutton Enclosures *†

CAT. NO.	STYLE	INSIDE BOX SIZE A X B X C	MOUNTING L X J	OVERALL OUTSIDE INCLUDING MOUNTING BRACKET				STD. CTN.	STD. WT. (LBS.)			
				H	X	W	X D					
PX0010	One Opening	3.13 x 2.81 x 3	4 x 2.38	4.88	3.50	3.38	3.38	3.25	.63	2.5	10	8.26
PX0007	Two Openings	5.38 x 2.81 x 3	6.25 x 2.38	7.13	3.50	3.38	5.63	3.25	.63	2.5	1	1.31
PX0011	Three Openings	7.38 x 2.81 x 3	8.50 x 2.38	9.38	3.50	3.38	7.88	3.25	.63	2.5	6	9.43
PX0008	Four Openings	7.38 x 2.81 x 3	8.50 x 2.38	9.38	3.50	3.38	7.88	3.25	.63	2.5	1	1.60

* All Circuit Safe pushbutton enclosures are furnished with standard hole dimensions: 1 1/32" diameter with keyways at 12 o'clock and 3 o'clock

† Dimensions are in inches unless marked otherwise. Operators not included.

Circuit Safe® Pushbutton Enclosures

UL® Listed per UL 50 for Industrial Controls.
Meets NEMA 1, 3, 3S, 3X, 3SX, 4, 4X, 12, 13.



Narrow-Profile Blank Screw Cover Enclosures for Small Instrumentation and Control Applications

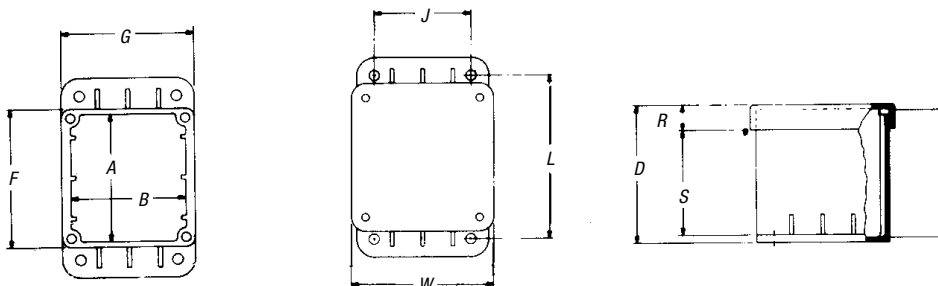
Blank cover enclosures can be easily drilled with a standard hole saw for conduit entries and pushbuttons. Wallmount enclosures are molded from gray, engineered thermoplastic material and are resistant to most corrosive agents.

Features:

- Brass screw inserts
- Material: nylon base and cover
- Integrally molded mounting flange
- 304 (18-8) stainless screws (10-32/8")
- Temperature range: -40° to 185° F



Boxes & Covers — Carlton® Enclosures & Junction Boxes



Blank Screw Cover Enclosures*†

CAT. NO.	STYLE	INSIDE BOX SIZE A X B X C	MOUNTING L X J	OVERALL OUTSIDE INCLUDING MOUNTING BRACKET H X W X D					STD. CTN.	STD. WT. (LBS.)
				F	G	R	S			
CP100NB	Blank Cover	3.13 x 2.81 x 3	4 x 2.38	4.88 x 3.50 x 3.38	3.38	3.25	.63	2.5	12	9.60
CP200NB	Blank Cover	5.38 x 2.81 x 3	6.25 x 2.38	7.13 x 3.50 x 3.38	5.63	3.25	.63	2.5	8	8.8
CP300NB	Blank Cover	7.38 x 2.81 x 3	8.50 x 2.38	9.38 x 3.50 x 3.38	7.88	3.25	.63	2.5	6	8.20

* All Circuit Safe pushbutton enclosures are furnished with standard hole dimensions: 1/8" diameter with keyways at 12 o'clock and 3 o'clock

† Dimensions are in inches unless marked otherwise.



Request Info



1-800-453-1692

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Circuit Safe® Pushbutton Enclosures

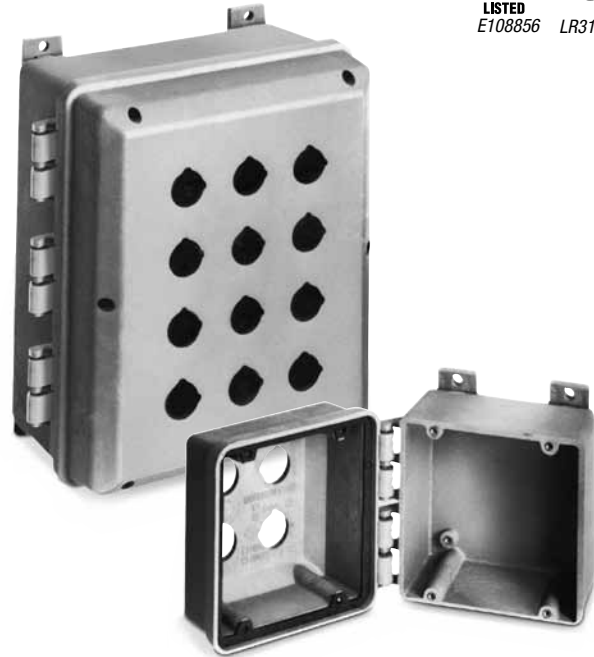
Hinged Cover Enclosures with Multiple Hole Openings



Made from engineered thermoplastic material, these enclosures are ideal for applications that require high-impact strength, chemical resistance, high dielectric strength and excellent weathering capabilities, including indoor/outdoor industrial, MRO and OEM applications. Non-metallic hinges are an integral part of the mold. Removable cover enables easy field adjustment. Auxiliary devices must be rated for appropriate NEMA applications.

Features:

- Non-metallic mounting feet and all mounting hardware included
- White-painted 14-gauge steel or 1½" PVC back panel (order separately)
- Material: engineered thermoplastic base and cover
- 304 stainless steel screws
- Brass screw inserts
- Lid design provides greater usable volume
- Completely non-metallic hinges
- Temperature range: -40° to 185° F



Screw Cover Pushbutton Enclosures with Multiple 30.5mm Openings*

CAT. NO.	OPENINGS	INSIDE BOX SIZE (IN.)	WEIGHT (LBS.)	STD. CTN.	PANEL CAT. NO.	SIZE (IN.) STEEL/PVC
J665P	4	6 x 6 x 5.88	2.42	1	JP66 / JP66P	4.88 x 4.88
J863P	6	8 x 6 x 3.63	1.86	1	JP86 / JP86P	6.75 x 4.88
J1085P	9	10 x 8 x 5.88	3.59	1	JP108 / JP108P	8.75 x 6.88
J12106P	12	12 x 10 x 6.88	4.29	1	JP1210 / JP1210P	10.75 x 8.88
J14126P	20	14 x 12 x 6.88	7.19	1	JP1412 / JP1412P	12.75 x 10.88
J16147P	25	16 x 14 x 7.63	11.20	1	JP1614 / JP1614P	14.75 x 12.88

For enclosures larger than 25 position, please call Customer Service.

** All Circuit Safe pushbutton enclosures are furnished with standard hole dimensions:*

1½" diameter with keyways at 12 o'clock and 3 o'clock.

Special openings or positionings available on request.



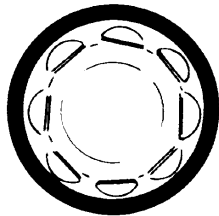
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Circuit Safe® Enclosure Accessories

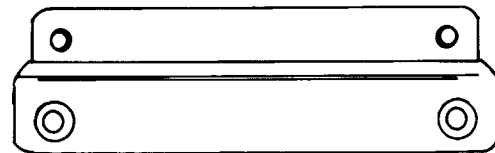
Circuit Safe® NEMA Accessories

Gasketed Pushbutton Hole Plug



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
CP900	Standard PB Hole	100	2.0

Mounting Rail Kits



CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
NMK4V	4	25	5
NMK6V	6	24	7.7
NMK8V	8	24	10.25
NMK10V	10	20	13.26
NMK12V	12	20	11.4
NMK14V	14	25	17.76

*Mounting Rails include two rails and four stainless steel screws.

Mounting Rails can be mounted on long or short side of enclosure.

Size mounting flange to side of the enclosure to which the flange will be attached.

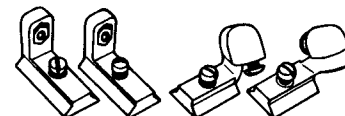
Panel Adjuster Kits



Panel Adjuster Kit (NBPADJ2)



180° Swing-Out Panel Kit (NBPSWG)



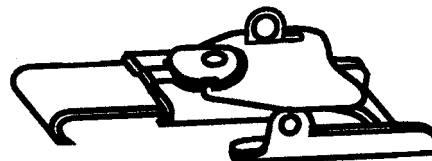
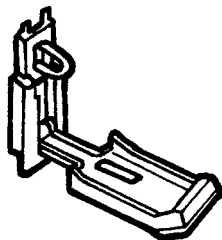
Swing-Out Panel Adjuster Kit (NBPSWG2)

CAT. NO.	PRODUCT	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
NBPADJ2	Panel Adjuster Kit	(4) Panel Adjusters (4) #10-32 Screws to Mount Panel	10 Kits	2.07
NBPSWG	180° Swing-Out Panel Kit	(4) Panel Adjusters (2) Hinges (2) #10-32 Screws to Mount Panel	10 Kits	2.68
NBPSWG2	Swing-Out Panel Adjuster Kit	(2) Hinged Adjusters (2) Panel Adjusters (4) #10-32 Screws	10 Kits	1.80

Circuit Safe® Enclosure Accessories

Circuit Safe® NEMA Accessories

- For NEMA hinged enclosures.



Latch Kits

CAT. NO.	PRODUCT	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
NPL1L	Non-Metallic Quick-Release Latch Kit	Quick-Release Latch Kit for Use with Hidden Hinge Enclosure for NH & NI Series	25	2.00
NPL1S	Non-Metallic Quick-Release Latch Kit	Quick-Release Latch Kit for Use with External Hinge Enclosure for NJ & NC Series	25	2.00
SSLL	304 Stainless Steel Quick-Release Latch Kit	Quick-Release Latch Kit for Use with Hidden Hinge Enclosure for NH & NI Series	25	4.27
SSLS	304 Stainless Steel Quick-Release Latch Kit	Quick-Release Latch Kit for Use with External Hinge Enclosure for NJ & NC Series	25	3.41



Request Info



1-800-453-1692

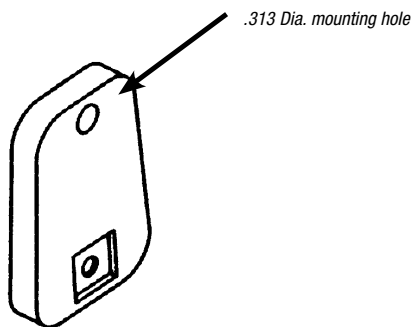
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Circuit Safe® Enclosure Accessories

Circuit Safe® JIC Accessories

- For Circuit Safe® Enclosures — Type CC, CJ, CS, CV, J

Mounting Feet



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
CJB159*	As required	.04

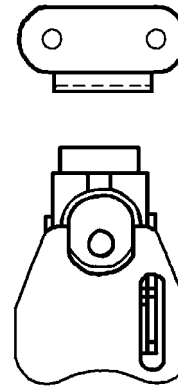
*CJB159 non-metallic mounting feet provide 1/4" standoff and may be used to mount enclosures in horizontal or vertical mode. They are shipped with all Circuit Safe® JIC enclosures. No screws are provided when mounting feet are ordered separately.

JIC Installation Kit

CAT. NO.	STD. CTN.	STD. WT. (LBS.)
CH208*	1 Kit	.25

*Installation kit is included as standard equipment with all JIC enclosures. Information listed here for purposes of additional purchase only. Kit includes four mounting feet, eight hinge caps and eight screws.

JIC Latch Kit



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
CJTL*	As required	.04

Stainless steel. Kit includes latch and keeper.

* Factory installed. Consult Customer Service for price and delivery. Not UL Listed.



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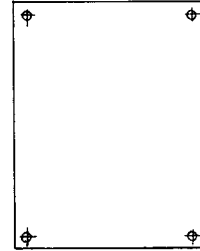
Circuit Safe® Enclosure Accessories

Circuit Safe® JIC Accessories

Steel back panels are white-painted 14-gauge steel.

Steel Back Panels*

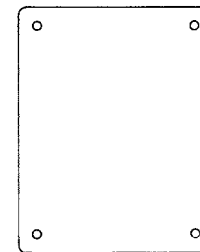
CAT. NO.	THICKNESS	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
JP64	14 gauge	4.88 x 2.88	1	.6
JP66	14 gauge	4.88 x 4.88	1	1.0
JP86	14 gauge	6.75 x 4.88	1	1.0
JP88	14 gauge	6.75 x 6.88	1	1.2
JP108	14 gauge	8.75 x 6.88	1	1.5
JP1010	14 gauge	8.75 x 8.88	1	2.3
JP1210	14 gauge	10.75 x 8.88	1	2.7
JP1212	14 gauge	10.75 x 10.88	1	3.5
JP1412	14 gauge	12.75 x 10.88	1	3.8
JP1614	14 gauge	14.75 x 12.88	1	4.7



PVC back panels are made from 1/4" PVC and meet UL94V-0.

PVC Back Panels*

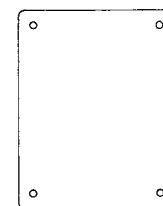
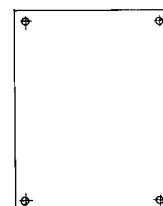
CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
JP64P	4 7/8 x 2 7/8	1	.3
JP66P	4 7/8 x 4 7/8	1	.3
JP86P	6 3/4 x 4 7/8	1	.4
JP88P	6 3/4 x 6 7/8	1	.5
JP108P	8 3/4 x 6 7/8	1	.7
JP1010P	8 3/4 x 8 7/8	1	.9
JP1210P	10 3/4 x 8 7/8	1	1.2
JP1212P	10 3/4 x 10 7/8	1	1.5
JP1412P	12 3/4 x 10 7/8	1	1.7
JP1614P	14 3/4 x 12 7/8	1	2.3



Medium NEMA Back Panels*

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
NP2016 / NP2016P	17 x 13	1	7.0/6.125
NP2420 / NP2420P	21 x 17	1	10.4/4.71
NP3024 / NP3024P	27 x 21	1	18.0/9.781

*Circuit Safe NEMA enclosures are not shipped with back panels, which must be ordered separately.
All accessories can be factory installed. Consult Customer Service for price and delivery.



Circuit Safe® Enclosure Accessories

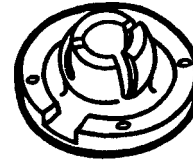
Circuit Safe® NEMA and JIC Accessories

For 3R Rating and condensation buildup.

Draining Device*

CAT. NO.	STD. CTN.
HPVEA9	30

*Factory installation available.



NEMA 1 Rated only.

Air Vents*

CAT. NO.	STYLE	STD. CTN.
HPVM25	For Fitting Outside of All Enclosures	30
HPVM35	For Fitting Inside of All Enclosures	30

*Factory installation available.

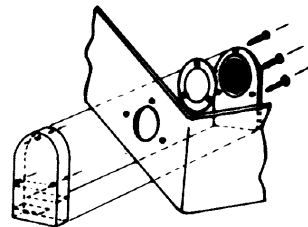


Enables any size enclosure to breathe,
yet remain watertight.

Enclosure Ventilator*

CAT. NO.	STD. CTN.
HVM27	15

*Factory installation available.



Request Info
1-800-453-1692
www.aboveboardelectronics.com

Circuit Safe® Enclosure Accessories

Window Kits



Carlton® hinged window kits are used to create a NEMA 4X environment on electronic control panels. Polycarbonate construction and double gaskets ensure environmental integrity.

Features:

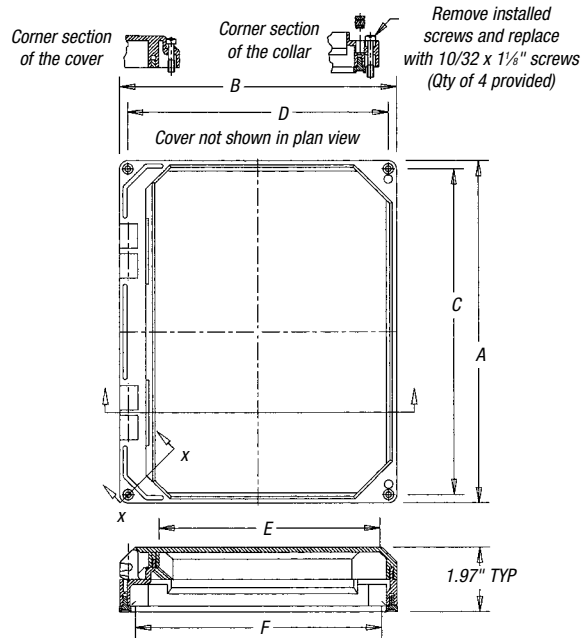
- High-impact strength
- High dielectric strength
- Suitable for indoor and outdoor use
- Fully gasketed

Standards:

- UL Listed and meets NEMA Type 4X with the exception of NI1614W; all sizes are NEMA Type 1 and 12 rated

Applications:

- Instrument case
- Junction and terminal boxes
- Control and switching enclosures
- Meter and transformer cabinets
- Small device enclosures
- Surface-mounted instruments



CAT. NO.*	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
NI64W	6 x 4	1	.8
NI66W	6 x 6	1	.9
NI86W	8 x 6	1	1.17
NI88W	8 x 8	1	1.4
NI108W	10 x 8	1	1.5
NI1010W	10 x 10	1	1.82
NI1210W	12 x 10	1	2.12
NI1212W	12 x 12	1	2.65
NI1412W	14 x 12	1	2.67
NI1614W	16 x 14	1	3.10

All window kits can be factory installed to Carlton® enclosures. Consult factory for price and delivery.
 * Non-stock factory order only — consult Customer Service.
 NI1614W is not NEMA Type 4X Rated

SIZE	DIMENSIONS (IN.)					
	A	B	C	D	E	F
NI64W	6.42 (163.1)	4.41 (112.0)	5.92 (150.4)	3.94 (100.0)	2.72 (69.1)	3.80 (96.5)
NI66W	6.42 (163.1)	6.42 (163.1)	5.94 (150.9)	5.94 (150.9)	4.72 (119.9)	5.80 (147.3)
NI86W	8.44 (214.4)	6.42 (163.1)	7.92 (201.2)	5.94 (150.9)	4.72 (119.9)	5.80 (147.3)
NI88W	8.44 (214.4)	8.43 (214.1)	7.95 (201.9)	7.95 (201.9)	6.72 (170.7)	7.80 (198.1)
NI108W	10.46 (265.7)	8.45 (214.6)	9.95 (253.5)	7.96 (202.2)	6.72 (170.7)	7.80 (198.1)
NI1010W	10.45 (265.4)	10.45 (265.4)	9.97 (253.2)	9.97 (253.2)	8.72 (221.5)	9.80 (248.9)
NI1210W	12.46 (316.5)	10.45 (265.4)	11.99 (304.5)	9.97 (253.2)	8.72 (221.5)	9.80 (248.9)
NI1212W	12.50 (317.5)	12.50 (317.5)	12.00 (304.8)	12.00 (304.8)	10.72 (272.3)	11.80 (299.7)
NI1412W	14.50 (368.3)	12.50 (317.5)	14.01 (355.9)	12.00 (304.8)	10.72 (272.3)	11.80 (299.7)
NI1614W	16.52 (419.6)	14.48 (367.8)	16.03 (407.2)	14.02 (356.1)	12.72 (323.1)	13.80 (350.5)

Note: Chart dimensions read in (mm)

Himeline® Enclosures

Himeline® Enclosures HS, HP, HLA/HLS Series

Carlton® Himeline® enclosures are the ideal alternative to expensive stainless steel enclosures. They have excellent corrosion-resistant properties and are impervious to sunlight, dirt and moisture. Available in four series (HS, HP and HLA/HLS), with sizes ranging from 11 x 7 x 7 through 50 x 40 x 17, these enclosures offer choices that include double doors, clear or opaque covers, hinged and screw versions, single- or three-point closure mechanisms, 4X windows, DIN rail mounting and an adjustable depth door-in-door option that enables you to customize your enclosures by separating power from communications.



Boxes & Covers — Carlton® Enclosures & Junction Boxes

Features:

- High-impact strength
- High dielectric strength
- Suitable for indoor and outdoor use
- Fully gasketed
- Lightweight

Applications:

- Instrument case
- Junction and terminal boxes
- Control and switching enclosures
- Meter and transformer cabinets
- Small device enclosures

Standards:

- Meets NEMA and IP standards as indicated in appropriate section
- UL® Listed as indicated

Himeline® Enclosures

HS Series Screw-On Fastened and Hinged Cover Enclosures

- Meets NEMA 1, 3, 3S, 4, 4X, 12, 13
- Meets IP 65

Himeline® HS Series enclosures are designed for use as junction boxes, terminal wiring boxes, instrument and control housings and small device enclosure applications. Molded under high pressure, Himeline® HS Series enclosures provide high-impact strength, chemical resistance, high dielectric strength and excellent weathering capabilities.



Features:

- Standard slotted locking screw
- High-impact strength
- Chemical resistance
- High dielectric strength
- Excellent weathering capabilities
- Sealing gasket on all models
- Sunlight resistant

Applications:

- Junction boxes
- Terminal wiring boxes
- Instrument and control housings
- Small device enclosure applications
- Indoor or outdoor use

Material:

- Opaque/Clear Lid — Polycarbonate
- Base — Fiberglass Reinforced Polyester

Standards:

- Meets NEMA Type 1, 3, 3S, 4, 4X, 12, 13 ratings
- UL Listed per UL 50, enclosures for electrical equipment
- Meets IP 65
- UL® Listed (E108856)

Himeline® Enclosures

HS Series Screw-On Fastened and Hinged Cover Enclosures

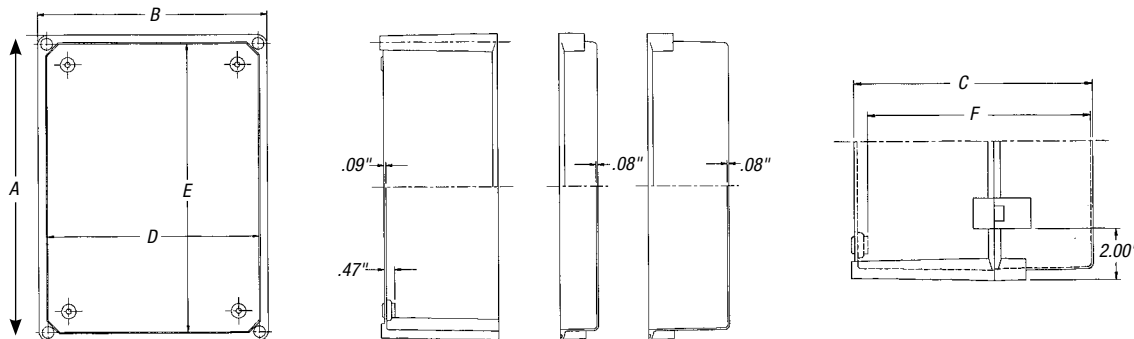


Features:

- Molded under high pressure
- High-impact strength
- Chemical resistance
- High dielectric strength
- Excellent weathering capabilities
- Clear cover available



Boxes & Covers — Carlton® Enclosures & Junction Boxes



OPAQUE SCREW-ON COVER CAT. NO.	CLEAR SCREW-ON COVER CAT. NO.	OPAQUE HINGED COVER CAT. NO.	CLEAR HINGED COVER CAT. NO.	DIMENSIONS (IN.)						OPAQUE WT. (LBS.) EACH	CLEAR WT. (LBS.) EACH	STD. CTN.	BACK PANEL CAT. NO.	DIMENSIONS (IN.) H X W	THICK-NESS (IN.)	STD. WT. (LBS.)	STD. CTN.
				EXTERNAL		INTERNAL											
				A	B	C	D	E	F	SCREW/HINGED	SCREW/HINGED						
HS7A7	HS7A7C	HH7A7	HH7A7C	10.63	7.09	7.09	6.26	9.80	6.54	10.7/7	10.9/6.2	4	HS7ABP	5.51 x 9.05	.08	1.1	1
HS11A7	HS11A7C	HH11A7	HH11A7C	10.63	10.63	7.09	9.80	9.80	6.54	15.2/8.5	14/8	4	HS11ABP	9.05 x 9.05	.08	1.7	1
HS11B7	HS11B7C	HH11B7	HH11B7C	14.17	10.63	7.09	9.80	13.35	6.54	17/4	18/4	4	HS11BBP	9.05 x 12.60	.08	2.4	1
HS11C7	HS11C7C	HH11C7	HH11C7C	21.26	10.63	7.09	9.80	20.43	6.54	13/13	12.5/13	2	HS11CBP	9.05 x 19.68	.08	3.9	1
HS15C7	HS15C7C	HH15C7	HH15C7C	21.26	14.17	7.09	13.35	20.43	6.54	17.7/11	18/11	2	HS15CBP	12.60 x 19.68	.08	6.6	1
HS21C7	HS21C7C	HH21C7	HH21C7C	21.26	21.26	7.09	20.43	20.43	6.54	12.5/13	12/13	1	HS21CBP	19.68 x 19.68	.08	8.8	1
HS11A9	HS11A9C	HH11A9	HH11A9C	10.63	10.63	9.06	9.80	9.80	8.47	15/4	16.6/5	4	HS11ABP	9.05 x 9.05	.08	1.7	1
HS11B9	HS11B9C	HH11B9	HH11B9C	14.17	10.63	9.06	9.80	13.35	8.47	20/6	19/6	4	HS11BBP	9.05 x 12.60	.08	2.5	1
HS11C9	HS11C9C	HH11C9	HH11C9C	21.26	10.63	9.06	9.80	20.43	8.47	14/9	14/9	2	HS11CBP	9.05 x 19.68	.08	3.9	1
HS15C9	HS15C9C	HH15C9	HH15C9C	21.26	14.17	9.06	13.35	20.43	8.47	18.5/11	19/11	2	HS15CBP	12.60 x 19.68	.08	6.6	1
HS21C9	HS21C9C	HH21C9	HH21C9C	21.26	21.26	9.06	20.43	20.43	8.47	13/14	14/14	1	HS21CBP	19.68 x 19.68	.08	8.8	1
HS15D9	HS15D9C	HH15D9	HH15D9C	28.35	14.17	9.06	13.35	27.52	8.47	13/13	13/13	1	HS15DBP	12.60 x 26.77	.10	9.5	1
HS21D9	HS21D9C	HH21D9	HH21D9C	28.35	21.26	9.06	20.43	27.52	8.47	18/18	17/18	1	HS21DBP	19.68 x 26.77	.10	15.5	1

Back panels and mounting feet must be ordered separately.

Consult Customer Service for availability and delivery.

www.tnb.com

United States
Tel: 901.252.8000
800.816.7809
Fax: 901.252.1354

Technical Services
Tel: 888.862.3289



Thomas & Betts

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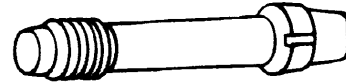
Himeline® Enclosures

HS Series Accessories

For Himeline® HS Enclosures.

Thumb Screws

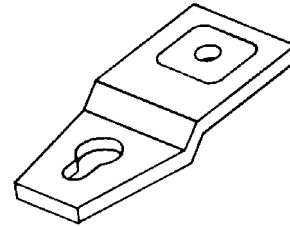
CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HSTS4	25	0.1
HSTS6	25	0.15



For Himeline® HS Enclosures.

Mounting Feet

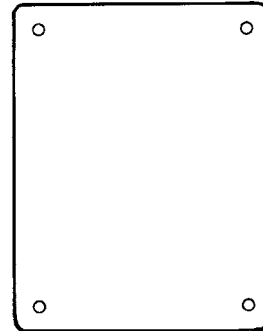
CAT. NO.	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
HSMFZ	Zinc Dichromated Steel	25	0.2
HSMFSS	304 Stainless Steel	25	0.2



For Himeline® HS Enclosures, metal back panels are white-painted 14-gauge steel.

Back Panels*

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
HS7ABP	5.51 x 9.05	1	1.2
HS11ABP	9.05 x 9.05	1	2.0
HS11BBP	9.05 x 12.06	1	2.7
HS11CBP	9.05 x 19.68	1	4.3
HS15CBP	12.60 x 19.68	1	7.1
HS21CBP	19.68 x 19.68	1	9.6
HS15DBP	12.60 x 26.77	1	10.2
HS21DBP	19.68 x 26.77	1	16.6

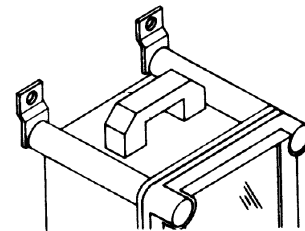


*Himeline HS enclosures are not shipped with back panels. Order separately. PVC back panels available upon request. Consult Customer Service.

Converts enclosures to portable units for meters and portable power.

Non-Metallic Carrying Handle

CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HSCH	10	0.2



Himeline® Enclosures

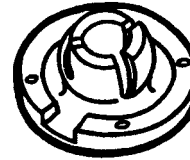
HS Series Accessories

For 3R Rating and condensation buildup.

Draining Device*

CAT. NO.	STD. CTN.
HPVEA9	30

*Factory installation available.



NEMA 1 Rated only.

Air Vents*

CAT. NO.	STYLE	STD. CTN.
HPVM25	For Fitting Outside of All Enclosures	25
HPVM35	For Fitting Inside of All Enclosures	30

*Factory installation available.

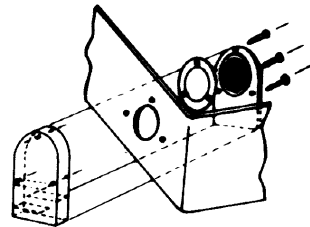


Enables any size enclosure to breathe,
yet remain watertight.

Enclosure Ventilator*

CAT. NO.	STD. CTN.
HVM27	15

*Factory installation available.



Request Info
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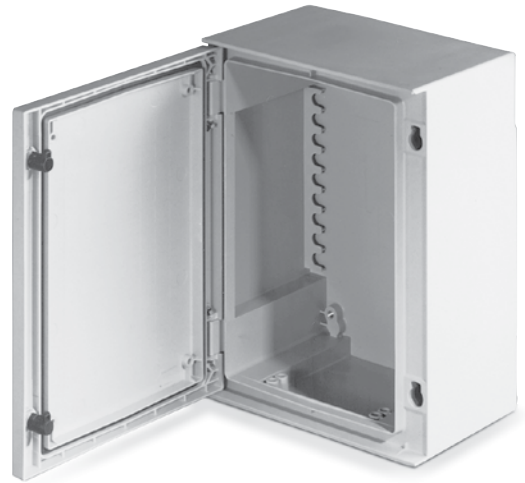
Himeline® Enclosures

HP Series Enclosures with Hinged Quick-Release Cover

- Meets NEMA 1, 3, 3S, 4, 4X, 12, 13
- Meets IP 66

Himeline® HP Series enclosures for medium-sized devices and equipment provide superior performance as junction and terminal wiring boxes and instrument and control housing applications.

For indoor/outdoor industrial, MRO and OEM applications. HP Series enclosures are resistant to corrosion, sunlight, chemicals, dirt and moisture. Temperature range from -58° F to 320° F.



Features:

- Projections for affixing cover mounted panel
- Door-locking mechanism convertible to key lock
- M8x18 studs for back panel mounting (included)
- Hidden hinges open 185° for easy access
- Multi-positional DIN rail fixing components
- Removable stainless steel hinge pins
- Single-piece construction
- Opaque or tempered glass window option
- Steel, non-metallic and slotted back panels available
- External and internal venting available
- Hinged, variable-height inner panel option
- Quick-locking ¼-turn entry
- Underside grid pattern on inner door panel
- Self-positioning panel depth adjusters
- Pole mounting kit
- Pedestal mounting capability
- Sunlight resistant

Applications:

- Junction boxes
- Terminal wiring boxes
- Instrument and control housing
- Indoor or outdoor use

Standards:

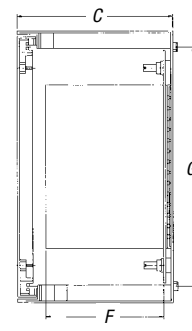
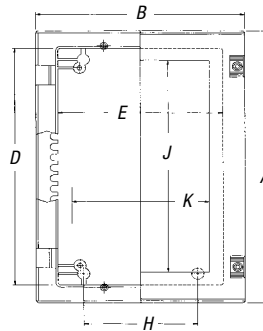
- NEMA Type 1, 3, 3S, 4, 4X, 12, 13
- UL® Listed per UL 50, enclosures for electrical equipment
- Meets IP 66

Material:

- Lids/Bases — Fiberglass-reinforced polyester

Himeline® Enclosures

HP Series Enclosures with Hinged Quick-Release Cover



Depth with back panel installed



ENCLOSURE WITH OPAQUE COVER CAT. NO.	STD. WT. (LBS.)	ENCLOSURE WITH CLEAR WINDOW* CAT. NO.	STD. WT. (LBS.)	WINDOW DIMENSIONS (H X W) (IN.)	DIMENSIONS (IN.)										STD. CTN.
					EXTERNAL			INTERNAL			MOUNTING		WINDOW		
					A	B	C	D	E	F	G	H	J	K	
HP1612B	11.04	HC1612B	12.5	11 x 7.87	16.93	12.99	7.87	14.96	10.24	6.61	14.76	5.91	11.02	7.87	1
HP2016B	16.80	HC2016B	17.2	14.96 x 11.81	20.87	16.93	7.87	18.90	14.17	6.61	18.70	9.84	14.96	11.81	1
HP2416C	21.13	HC2416C	24.12	18.89 x 11.81	25.47	17.17	9.84	22.83	14.17	8.35	22.64	9.84	18.90	11.81	1
HP3020D	32.28	HC3020**	36.02	22.83 x 15.74	29.41	21.10	11.81	26.77	18.11	10.28	26.57	13.78	22.83	15.75	1
HP3325D	39.00	HC3325D**	43.12	26.77 x 19.68	33.35	25.04	11.81	30.71	22.05	10.28	30.51	17.72	26.77	19.69	1

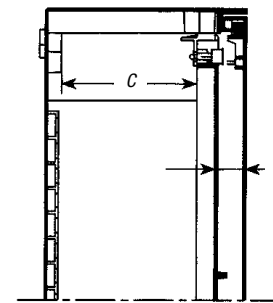
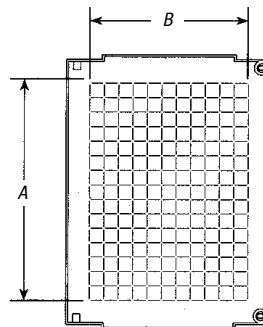
* HC Enclosures are IP 65 Rated. Clear window is glass.

** This series of enclosures comes standard with body, lid and mounting rail kit.

Consult Customer Service for availability and delivery.

Hinged Internal Door

- Internal fiberglass-reinforced polyester door assembly
- Grid pattern on the inside for quicker positioning of equipment
- Quick-locking ¼-turn entry



CAT. NO.	A		B		C		D		STD. CTN.	STD. WT. (LBS.)
	IN.	(MM)	IN.	(MM)	IN.	(MM)	IN.	(MM)		
PID1612	12.40	(315)	18.07	(205)	5.98	(152)	1.02	(26)	1	2.05
PID2016B	16.34	(415)	12.00	(305)	5.98	(152)	1.02	(26)	1	3.15
PID2416C	20.28	(515)	12.00	(305)	7.64	(194)	1.26	(32)	1	4.50
PID3020D	24.21	(615)	15.94	(405)	9.61	(244)	1.26	(32)	1	6.50
PID3325D	28.15	(715)	19.88	(505)	9.61	(244)	1.26	(32)	1	8.45

Himeline® Enclosures

A complete range of plates — directly fix to the enclosure supports or to the adjustable depth supports.

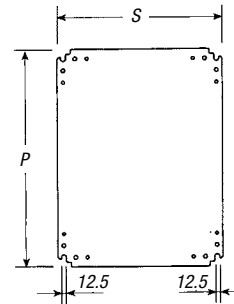
HP Series Back Panels

Steel back panels are white-painted 14-gauge steel.

Steel Back Panels

CAT. NO.	TO FIT ENCLOSURES	THICKNESS		WEIGHT		P (IN.)	S (IN.)
		IN.	(MM)	LBS.	(KG)		
PMM1612	HP1612B	.079	(2)	3.10	(1.6)	14.37	9.84
PMM2016	HP2016B	.079	(2)	6.15	(2.5)	18.30	13.78
PMM2416	HP2416C	.079	(2)	8.0	(3.1)	22.24	13.78
PMM3020	HP3020D	.079	(2)	12.04	(4.6)	26.18	17.72
PMM3325	HP3325D	.118	(3)	20.0	(9.9)	30.11	21.65

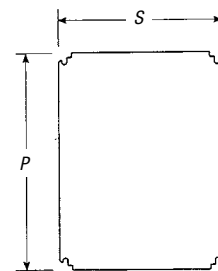
Refer to the Enclosure Accessories section for back panel accessories.



PVC back panels are made from ¼" PVC and meet UL94V-0.

PVC Insulating Back Panels

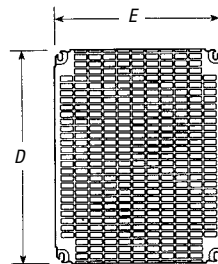
CAT. NO.	TO FIT ENCLOSURES	WEIGHT		P		S	
		LBS.	(KG)	IN.	(MM)	IN.	(MM)
PMB1612	HP1612B	1.10	(0.5)	14.37	(365)	9.84	(250)
PMB2016	HP2016B	2.65	(1.2)	18.30	(465)	13.78	(350)
PMB2416	HP2416C	3.09	(1.4)	22.24	(565)	13.78	(350)
PMB3020	HP3020D	4.63	(2.1)	26.18	(665)	17.72	(450)
PMB3325	HP3325D	6.62	(3.0)	30.11	(765)	21.65	(550)



Zinc, dichromated, coated-steel plates perforated for addition of electrical circuitry.

PVC Insulating Back Panels

CAT. NO.	TO FIT ENCLOSURES	WEIGHT		D		E	
		LBS.	(KG)	IN.	(MM)	IN.	(MM)
PMR1612	HP1612B	1.54	(0.7)	13.74	(349)	9.8	(251)
PMR2016	HP2016B	2.87	(1.3)	17.72	(450)	13.82	(351)
PMR2416	HP2416C	3.53	(1.6)	21.85	(555)	13.82	(351)
PMR3020	HP3020D	5.07	(2.3)	25.39	(645)	17.76	(451)
PMR3325	HP3325D	7.06	(3.2)	29.53	(750)	21.69	(551)

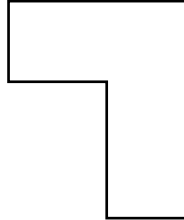


Himeline® Enclosures

HP Series Accessories

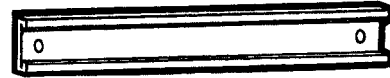
Blanking Grommet

To close off openings on enclosure backs.



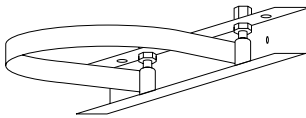
CAT. NO.	FITS ENCLOSURE SIZES	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
HPBNGB	16 x 12 and 20 x 16	Blanking Grommet	10	1.00
HPBNGC	24 x 16, 30 x 20 and 33 x 25	Blanking Grommet	20	1.00

35mm Symmetrical DIN Rail



CAT. NO.	TO FIT ENCLOSURES	WIDTH (IN.)	STD. CTN.
HPC0300	HP1612B	11.02	25
HPC0400	HP2016B, HP2416C	14.96	2
HPC0500	HP3020D	18.90	50

Pole Mounting Set



CAT. NO.	TO FIT ENCLOSURES	STD. CTN.
HPPF300	HP1612B	1
HPPF400	HP2016B, HP2416C	1
HPPF500	HP3020D	1
HPPF600	HP3325D	1

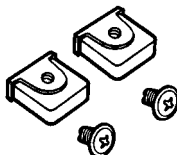
Wall Mounting Set



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HPWMF	10	.1

Includes brass inserts and installation tools.

Rail Mounting Insert



CAT. NO.	FEATURES	STD. CTN.
HPRFK	Fits All Enclosures	10



1-800-453-1692

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Himeline® Enclosures

HP Series Accessories

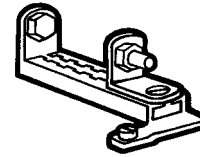
Fixing Accessories for Slotted Plates



FIXING NUT			FIXING BOLT WITH WASHER		
CAT. NO.	TYPE OF THREAD	STD. CTN.	CAT. NO.	LENGTH (IN.)	STD. CTN.
HPFA4	M4	8	HPFB104	.39	1000
HPFA4	M4	8	HPFB164	.63	1000
HPFA5	M5	8	HPFB125	.47	1000
HPFA5	M5	8	HPFB185	.71	1000
HPFA6	M6	8	HPFB126	.47	1000
HPFA6	M6	8	HPFB186	.71	1000

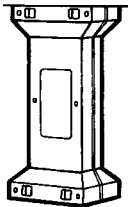
Back Panel Depth Adjustable Supports

Supports designed to fit 7.87" (200mm), 9.84" (250mm), 11.81" (300mm) and 13.78" (350mm) deep enclosures. Self-positioning slots enable adjustment every .49" (12.5mm). Made of zinc dichromated coated steel.



CAT. NO.	TO FIT ENCLOSURES	A IN./MM	B IN./MM	STD. CTN.
HPLM200	HP1612B & HP2016B	5.98/152	3.90/99	8
HPLM250	HP2416C	8.07/205	4.13/105	15
HPLM300	HP3020D & HP3325D	10.04/255	8.07/205	10

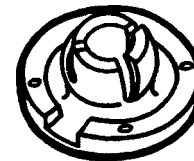
Pedestal Mount



CAT. NO.	TO FIT ENCLOSURES	STD. CTN.
HPSFS1	HP2016B HP2416C	1

For 3R Rating and condensation buildup.

Draining Device*



CAT. NO.	STD. CTN.
HPVEA9	30

*Factory installation available.



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Himeline® Enclosures

HP Series Accessories

NEMA 1 Rated only.

Air Vents*

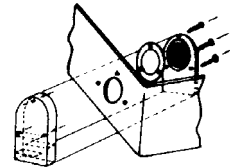


CAT. NO.	STYLE	STD. CTN.
HPVM25	For Fitting Outside of All Enclosures	30
HPVM35	For Fitting Inside of All Enclosures	30

*Factory installation available.

Enables any size enclosure to breathe, yet remain watertight.

Enclosure Ventilator*



CAT. NO.	STD. CTN.
HVM27	15

*Factory installation available.

Replacement Standard Handle



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HPRSH	1	.05

For Himeline HP Enclosures HP3020D and HP3325D.

Coupling Frame



CAT. NO.	STD. CTN.
HPBU	1

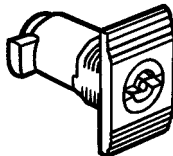
For Himeline® HP Enclosures.

Locks

Replacement Door Lock

CAT. NO.	STD. CTN.
HPRLA	15

For replacement handle, order HPRSH.



Padlocking Service

CAT. NO.	STD. CTN.
HPPLH	20



Cylinder Key Lock (Keyed Alike)

CAT. NO.	STD. CTN.
HPTPLM	15

For replacement key, order HPRKO.



Request Info

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Himeline® Enclosures

HLA/HLS Series Enclosures

Carlon® Himeline® HLA/HLS Series Enclosures are large fiber-reinforced polyester cabinets ranging in sizes 20 x 20 x 17 to 50 x 40 x 17 and 20 x 20 x 12 to 50 x 40 x 12, respectively. They have operating temperatures of -50° to 150° C and can accommodate large devices and equipment for a wide range of applications, including junction and terminal wiring boxes, instruments and control housings. They are ideal for indoor/outdoor industrial, MRO and OEM applications, and offer superior strength and high resistance to corrosion, moisture, dust, oil and UV light, enabling them to withstand the harshest of environments.

The HLA/HLS Series Enclosures are fitted with a watertight gasket and are available in one- and two-door configurations. These cabinets have a closed top and bottom and the two-door version includes a central upright to maintain rigidity.

To maintain the watertight seal, the locking mechanism is positioned outside the gasketed area. A wide variety of accessories are available such as steel and non-metallic back panels, self-positioning panel depth adjusters and ventilator kits.

Carlon® Enclosures...the ideal alternative to expensive stainless steel enclosures.



Features:

- Fiber-reinforced polyester
- Temperature range of -58° to 302° F (-50° to 150° C)
- Indoor/outdoor applications
- Superior strength
- High resistance to harsh environments
- Watertight gasket seal
- One- and two-door configurations
- Locking mechanism and hinge are outside gasketed area
- Floor or wall mounted

Applications:

- Contain large devices and equipment
- Junction and terminal wiring boxes
- Instrument and control housings

Standards:

- IP 65 Rating (single-door versions only)
- 4/4X Rated (single-door versions only)
- UL® Listed

Himeline® Enclosures

HLA/HLS Series Single- and Double-Hinged Cover Enclosures with Latches*

One-Door NEMA Types 1, 2, 3, 3R, 4, 4X, 5, 12, 13



Boxes & Covers — Carlton® Enclosures & Junction Boxes

HLA One Door (17" Deep)

CAT. NO.	DIMENSIONS (IN.)			STD. CTN.	STD. WT. (LBS.)
	H	W	D		
HLA2020	20	20	17	1	38.3
HLA2030	20	30	17	1	53.9
HLA3020	30	20	17	1	53.9
HLA3030	30	30	17	1	60.7
HLA4020	40	20	17	1	63.1
HLA4030	40	30	17	1	81.0
HLA5020	50	20	17	1	78.7
HLA5030	50	30	17	1	96.7

* Consult Customer Service for availability and delivery.

HLS One Door (12" Deep)

CAT. NO.	DIMENSIONS (IN.)			STD. CTN.	STD. WT. (LBS.)
	H	W	D		
HLS2020	20	20	12	1	29.8
HLS2030	20	30	12	1	40.59
HLS3020	30	20	12	1	49.5
HLS3030	30	30	12	1	55.1
HLS4020	40	20	12	1	56.81
HLS4030	40	30	12	1	61.7
HLS5020	50	20	12	1	67.56
HLS5030	50	30	12	1	76.83

* Consult Customer Service for availability and delivery.



Two-Door NEMA Types 1, 2, 12, 13

HLA Two Door (17" Deep)

CAT. NO.	DIMENSIONS (IN.)			STD. CTN.	STD. WT. (LBS.)
	H	W	D		
HLA30402	30	40	17	1	81.0
HLA40402	40	40	17	1	114.7
HLA40502	40	50	17	1	135.0
HLA50402	50	40	17	1	135.0

HLS Two Door (12" Deep)

CAT. NO.	DIMENSIONS (IN.)			STD. CTN.	STD. WT. (LBS.)
	H	W	D		
HLS30402	30	40	12	1	62.57
HLS40402	40	40	12	1	87.59
HLS40502	40	50	12	1	104.28
HLS50402	50	40	12	1	104.28



Himeline® Enclosures

HLA/HLS Series Accessories

Non-Metallic Thermosetting Plastic (Bakelite)

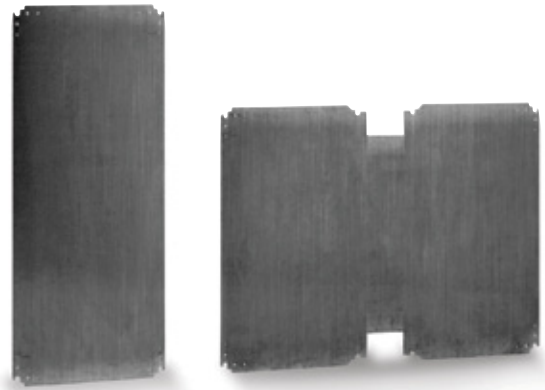
One Door

CAT. NO.	DIMENSIONS (IN.)		STD. CTN.	STD. WT. (LBS.)
	H	W		
LP2020BP	15.4	14.8	1	2.1
LP3020BP*	25.2	14.8	1	3.0
LP3030BP	25.2	24.6	1	6.3
LP4020BP	35.0	14.8	1	5.2
LP4030BP	35.0	24.6	1	8.8
LP5020BP	44.3	14.8	1	6.7
LP5030BP	44.3	24.6	1	11.2

* Use Back Panel LP3020BP for Enclosures HLA2030, HLA3020, HLS2030 and HLS3020

Two Door

CAT. NO.	DIMENSIONS (IN.)		STD. CTN.	STD. WT. (LBS.)
	H	W		
P30402BP	25.2	34.4	1	8.8
LP40402BP	35.0	34.4	1	12.3
LP40502BP	35.0	44.3	1	16.1
LP50402BP	44.3	34.4	1	16.1



Metal — Galvanized Steel

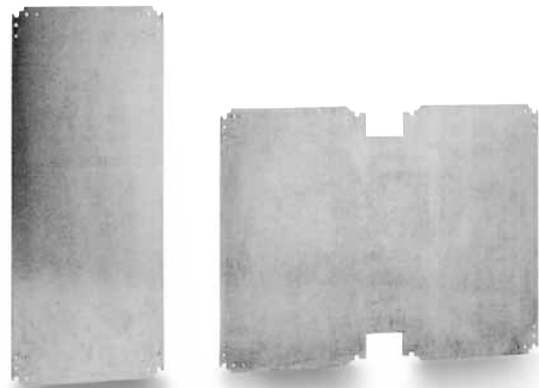
One Door

CAT. NO.	DIMENSIONS (IN.)		STD. CTN.	STD. WT. (LBS.)
	H	W		
LA2020BP	15.4	14.8	1	5.6
LA3020BP*	25.2	14.8	1	8.6
LA3030BP	25.2	24.6	1	17.6
LA4020BP	35.0	14.8	1	14.6
LA4030BP	35.0	24.6	1	24.3
LA5020BP	44.3	14.8	1	19.4
LA5030BP	44.3	24.6	1	31.9

* Use Back Panel LA3020BP for Enclosures HLA2030, HLA3020, HLS2030 and HLS3020

Two Door

CAT. NO.	DIMENSIONS (IN.)		STD. CTN.	STD. WT. (LBS.)
	H	W		
LA30402BP	25.2	34.4	1	24.1
LA40402BP	35.0	34.4	1	33.8
LA40502BP	35.0	44.3	1	43.4
LA50402BP	44.3	34.4	1	43.7



Request Info
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Himeline® Enclosures

Mounting Feet



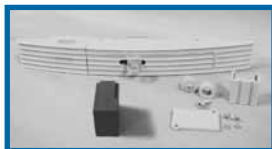
CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HLAMFSS	1 each (set of 4)	.6

Panel Adjuster Kit



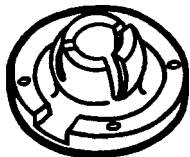
CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HLABPA4	1 each (set of 4)	.31

Padlock Device



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HLAPAD	8	.61

Draining Device*



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HPVEA9		30

For 3R Rating and condensation buildup.

*Factory installation available.

Replacement Handle with Cylinder Key Lock



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HLATEL	8	.41

Standard Replacement Bar Lock with Key



CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HLATD	30	.21

Replacement Handle with Pushbutton

CAT. NO.	STD. CTN.	STD. WT. (LBS.)
HLAHAN	8	.40

Air Vents*

CAT. NO.	STYLE	STD. WT. (LBS.)
HPVM25	For Fitting Outside of All Enclosures	1
HPVM35	For Fitting Inside of All Enclosures	1

NEMA 1 Rated only.

*Factory installation available.

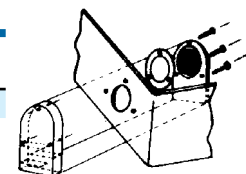


Enclosure Ventilator*

CAT. NO.	STD. CTN.
HVM27	15

Enables any size enclosure to breathe, yet remain watertight.

*Factory installation available.



Himeline® Enclosures

HLP Series Enclosure and Pedestal

Himeline® HLP Enclosures and Pedestals are designed to accommodate all types of electrical equipment for electrical distribution applications. The enclosure may be directly installed on the ground or on top of a pedestal, and the pedestal is approved for direct-burial applications. Both are manufactured using fiber-reinforced polyester to provide high-impact resistance and enable effortless modifications. And, each has an IP43 Self-Ventilated and IP54 Watertight rating and a temperature range of -58° F to 302° F.

Enclosure Features:

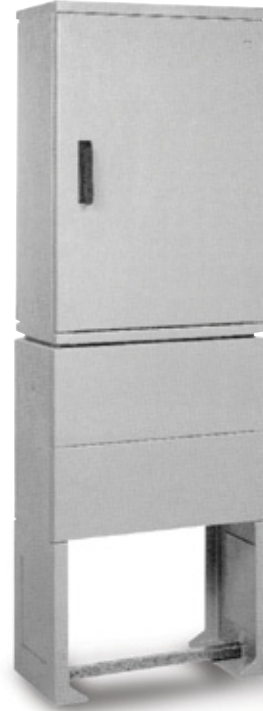
- High impact resistance
- Non-conductive and non-corrosive
- Fits all type of electrical equipment
- IP43 self-ventilated
- IP54 watertight
- One- and two-door configurations
- Install directly on the ground or on a pedestal
- Removable inner hinges for great access
- Doors open 180°

Pedestal Features:

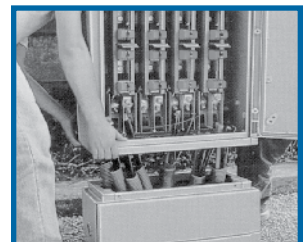
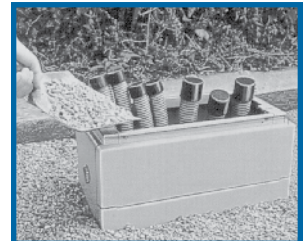
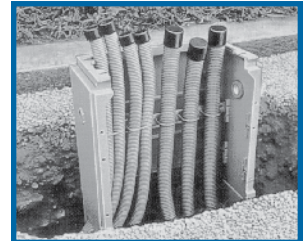
- Can be direct buried
- Non-conductive and non-corrosive
- Detachable upper front for easy access
- High impact resistance
- Auxiliary outlet on the side
- IP43 self-ventilated
- IP54 watertight
- Floor- or wall-mountable

Material:

- Fiberglass-reinforced polyester



Applications:

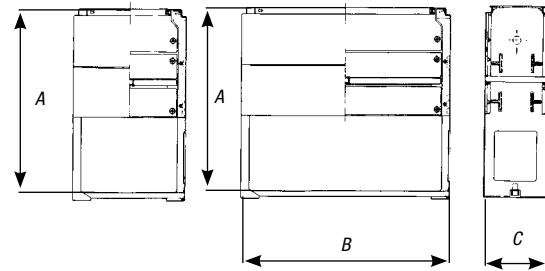
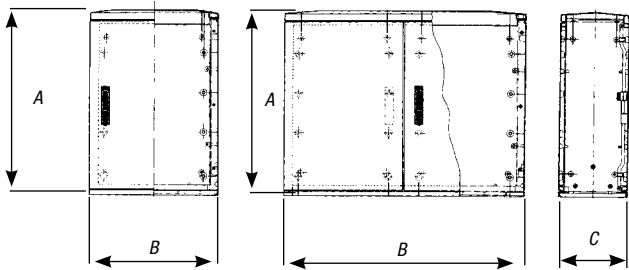


Pedestal



Enclosure

Himeline® Enclosures



Enclosures

CAT. NO.	NO. OF DOORS	NO. OF LOCKS	DIMENSIONS (IN.)			STD. CTN.	STD. WT. (LBS.)
			A HEIGHT	B WIDTH	C DEPTH		
HLP3318	1	1	33.46	18.31	12.60	1	40.79
HLP3323	1	1	33.46	23.23	12.60	1	48.50
HLP3331	1	1	33.46	30.91	12.60	1	55.12
HLP33442	2	1	33.46	43.90	12.60	1	77.16
HLP33442L	2	2	33.46	43.90	12.60	1	77.16

Consult Customer Service for availability and delivery.

Pedestals

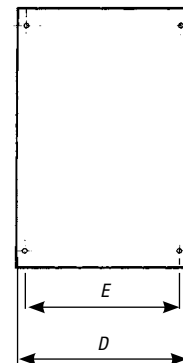
CAT. NO.	DIMENSIONS (IN.)			STD. CTN.	STD. WT. (LBS.)
	H	W	D		
HLPED3318	35.43	18.31	12.20	1	33.10
HLPED3323	35.43	23.23	12.20	1	37.48
HLPED3331	35.43	30.91	12.20	1	44.10
HLPED33442	35.43	43.90	12.20	1	55.12
HLPED33442L	35.43	43.90	12.20	1	55.12

Consult Customer Service for availability and delivery.

Mounting Plates

CAT. NO.	ENCLOSURE CAT. NO.	PEDESTAL CAT. NO.	# OF PLATES PER ENCL.	DIMENSIONS (IN.)		THICKNESS (IN.)	STD. CTN.	STD. WT. (LBS.)
				D	E			
LA1412BP	HLP3318	HLPED3318	1	14.02	11.97	.20	1	4.41
LA1816BP	HLP33442L	HLPED33442L	2	17.64	15.59	.20	1	11.02
LA1916BP	HLP3323	HLPED3323	1	18.94	16.89	.20	1	6.00
LA2725BP	HLP3331	HLPED3331	1	26.61	24.57	.20	1	8.38

Consult Customer Service for availability and delivery.



HLP Series Accessories

Gasket

CAT. NO.	SIZE (IN.) H x W x D	STD. CTN.	STD. WT. (LBS.)
HLP3318G	33 x 18 x 12	1	2.2
HLP3323G	33 x 23 x 12	1	2.2
HLP3331G	33 x 31 x 12	1	2.2
HLP3344G	33 x 44 x 12	1	2.2

Consult Customer Service for availability and delivery.



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Slack and Splice Enclosures

Slack and Splice Enclosures

Carlton's® state-of-the-art modification capabilities enable design of Slack and Splice Enclosures to meet specific application requirements.

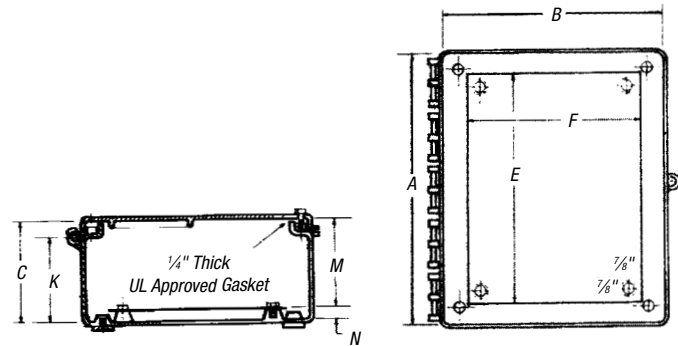
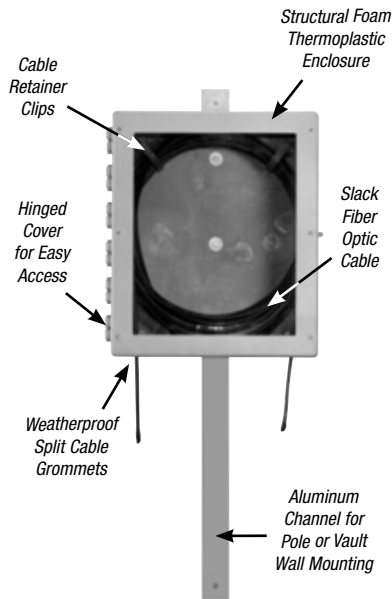
Features:

- Slack and Splice Enclosures provide maximum protection of slack fiber and splice unit assemblies
- Eliminates need for difficult aerial and vault splicing
- Stores adequate slack fiber to facilitate splicing at ground level work station
- Enclosure sized to maintain minimum required radius of fiber optic cable
- Splice tube to accommodate industry-standard splice and tray assemblies (splice enclosure only)



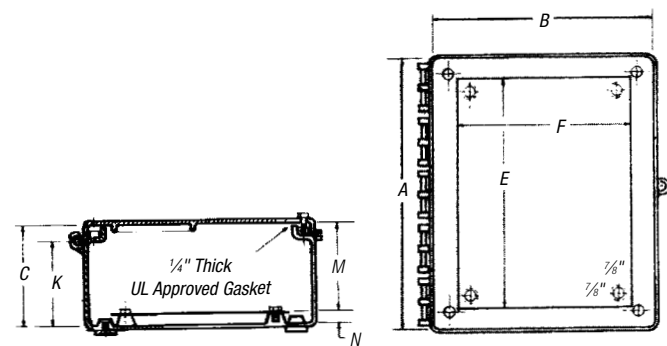
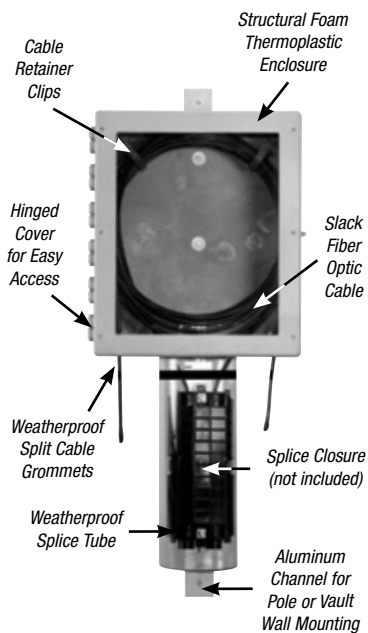
Slack and Splice Enclosures

Slack Enclosures



CAT. NO.	INSIDE BOX SIZE (IN.)	BOX OPENING (IN.)	DIMENSIONS (IN.)		
	A x B x C	E x F	K	M	N
SLK11	30 x 24 x 11½	27¼ x 21¼	10¼	10½	1
SLK12	30 x 24 x 9½	27¼ x 21¼	8¼	8½	1
SLK21	24 x 20 x 11½	21¼ x 17¼	10¼	10½	1
SLK22	24 x 20 x 9½	21¼ x 17¼	8¼	8½	1
SLK31	20 x 16 x 11½	17¼ x 13¼	10¼	10½	1
SLK32	20 x 16 x 9½	17¼ x 13¼	10¼	10½	1

Splice Enclosures



CAT. NO.	INSIDE BOX SIZE (IN.)	TUBE SIZE	BOX OPENING (IN.)	DIMENSIONS (IN.)		
	A x B x C		E x F	K	M	N
SPL111	30 x 24 x 11½	10	27¼ x 21¼	10¼	10½	1
SPL122	30 x 24 x 9½	8	27¼ x 21¼	8¼	8½	1
SPL211	24 x 20 x 11½	10	21¼ x 17¼	10¼	10½	1
SPL222	24 x 20 x 9½	8	21¼ x 17¼	8¼	8½	1

Boxes & Covers — Carlton® Enclosures & Junction Boxes

Technical Information

Factory Modifications for All Enclosures.

Color-Molded Enclosures

All Circuit Safe® enclosures can be molded in a variety of colors. Minimum quantities for single shipment or releases against blanket orders are required.

Painted/Silkscreened Enclosures

All enclosures can be painted, interior and exterior, or by special request. Enclosure covers can also be silkscreened on request.

EMI/RFI Protection

For applications where Radio Frequency Interference is a factor, the interior can be coated with an acrylic base paint with a nickel filler. Windows can be covered with fine copper mesh.

Other Modifications Available

Our factory is capable of modifying any of our enclosures to a customer's specifications. Factory's capabilities include:

- Precision milling of button holes, windows and pockets for keypad installations
- Hole tapping
- Ventilators
- Mounting bosses
- Access windows
- Hinged windows
- Mounted in-use weatherproof covers
- Handles for portable units
- Latches
- Enclosure coolers
- Cylinder locking systems
- And more...



Painted JIC enclosure with painted back panel. Installed clear cover with handle and quick-release latch.



Color-molded JIC unit with addition of window and pushbuttons.



Molded junction box painted with addition of mounted weatherproof cover.



Painted JIC enclosure with pocket installed in cover for control pad.

Technical Information

NEMA Types — Definitions Pertaining to Non-Hazardous Locations. Enclosures for Electrical Equipment

An enclosure is a surrounding case constructed to provide protection from accidental contact with the enclosed equipment and to provide protection to the enclosed equipment from specified environmental conditions. A brief description of the more common types of enclosures used by the electrical industry follows. For more information, see Table 110.28 of the National Electrical Code®.

Type 1 Enclosure:

Intended for indoor use, primarily to provide protection against contact with enclosed equipment and a degree of protection against falling dirt.

Type 2 Enclosure:

Intended for indoor use, primarily to provide a degree of protection against limited amounts of falling water and dirt.

Type 3 Enclosure:

Intended for outdoor use, primarily to provide a degree of protection against wind-blown dust, rain, sleet and external ice formation.

Type 3R Enclosure:

Intended for outdoor use, primarily to provide a degree of protection against falling rain, sleet and external ice formation.

Type 3S Enclosure:

Intended for outdoor use, primarily to provide a degree of protection against wind-blown dust, rain and sleet, and to provide for operation of external mechanism when ice laden.

Type 3X Enclosure:

Intended for outdoor use, primarily to provide a degree of protection against wind-blown dust, rain, sleet, external ice formation and corrosion.

Type 3SX Enclosure:

Intended for outdoor use, primarily to provide a degree of protection against wind-blown dust, rain, sleet and corrosion, and to provide for operation of external mechanism when ice laden.

Type 4 Enclosure:

Intended for indoor or outdoor use, primarily to provide a degree of protection against wind-blown dust and rain, splashing water and hose-directed water.

Type 4X Enclosure:

Intended for indoor or outdoor use, primarily to provide a degree of protection against corrosion, wind-blown dust and rain, splashing water and hose-directed water.

Type 6 Enclosure:

Intended for indoor or outdoor use, primarily to avoid a degree of protection against contact with enclosed equipment, falling dirt, hose-directed water, entry of water during occasional temporary submersion at a limited depth and external ice formation.

Type 6P Enclosure:

Intended for indoor or outdoor use, primarily to provide a degree of protection against contact with enclosed equipment, falling dirt, hose-directed water, entry of water during prolonged submersion at a limited depth and external ice formation.

Type 12 Enclosure:

Intended for indoor use, primarily to provide a degree of protection against dust, falling dirt and dripping non-corrosive liquids.

Type 13 Enclosure:

Intended for indoor use, primarily to provide a degree of protection against dust, spraying of water, oil and non-corrosive coolant.

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Technical Information

International Standards IP Protection Classification Data.

The letters IP, followed by three characteristic numbers, symbolize the degree of protection.

First Digit

Protection Against Solid Bodies

IP	Test	Test
0		No protection
1		Protection against solid bodies larger than 50mm (for example, accidentally touching with the hand)
2		Protection against solid bodies larger than 12mm (for example, a finger)
3		Protection against solid bodies larger than 2.5mm (tools, wires)
4		Protection against solid bodies larger than 1mm (tools, small wires)
5		Protection against dust (no harmful deposits)
6		Complete protection against dust

Second Digit

Protection Against Liquids

IP	Test	Test
0		No protection
1		Protection against vertical water drops condensation
2		Protection against water drops at up to 15° from the vertical
3		Protection against rain at up to 60° from the vertical
4		Protection against water splashing from all directions
5		Protection against water sprayed from a hose from all directions
6		Protection against water projections similar to sea wave splashes
7		Protection against the effect of immersion
8		Protection against effects of prolonged immersion under pressure

Technical Information

Engineering Properties of Enclosures

PROPERTY	TEST METHOD	OPAQUE POLYCARBONATE COVERS & BOXES	CLEAR POLYCARBONATE COVER	FRP	NORYL
Thermal And Mechanical					
Temperature Range (°F)	—	-30° to 230°	-30° to 230°	-58° to 320°	-40° to 185°
Specific Gravity (oz.in ³)	ASTM D792	1.20	1.20	1.79	.85
Thermal Conductivity (BTU•in/hr•ft ² •°F)	ASTM D177	1.35	1.35	1.68	.86
Heat Deflection Temperature @ 264 PSI (°F)	ASTM D648	265	260	392	180
Tensile Strength (PSI)	ASTM D638	8,800	9,000	13,000	3,400
Flexural Strength (PSI)	ASTM D790	13,500	14,000	19,000	6,800
Compressive Strength @ 10% Deformation (PSI)	ASTM D695	12,500	12,500	24,000	5,200
Impact Strength IZOD Notched (ft.lbs./in.)	ASTM D256	12	12	12	—
Water Absorption – 24 hrs. @ 73° F (%)	ASTM D570	.15	.15	.17	.06
UV Rating	UL 746C	F1	F1	F2	—
Electrical					
Dielectric Strength (VOLTS/MIL.)	ASTM D149	380	380	467	192
Dielectric Constant	ASTM D150				
60 Hz			3.0	3.0	—
100 Hz			—	—	—
106 Hz			2.96	2.96	—
Volume Resistivity @ 73° F (OHM-CM)	ASTM D257	>10 ¹⁶	>10 ¹⁶	2.0 x 10 ¹⁵	1.0 x 10 ¹⁶
Arc Resistance (SEC)	ASTM D495	120	120	200+	67

Clearance Holes for Carflex® Fittings or PVC Male Terminal Adapters

CARFLEX FITTINGS & PVC MALE TERMINAL ADAPTERS TRADE SIZES	NOMINAL SIZE (IN.)	ACTUAL SIZE (IN.)	ACTUAL SIZE (MM)
½	.875	.879	22.4
¾	1.093	1.107	28.2
1	1.344	1.357	34.6
1¼	1.813	1.699	43.2
1½	1.938	1.949	49.6
2	2.375	2.413	61.5
2½	2.875	2.914	74.0
3	3.5	3.539	89.8
3½	4	4.044	102.7
4	4.5	4.544	115.4
5	5.625	5.675	143.7



1-800-453-1692
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Technical Information

Environmental Resistance Table: E—Excellent, G—Good, L—Limited, U—Unsatisfactory

IMPORTANT: These environmental resistance ratings are based upon tests where the specimens were placed in complete submergence in the reagent listed. Ratings listed in this chart apply to a 48-hour exposure period. (The information in this chart is to be used ONLY as a guide in selecting equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application.)

CHEMICAL	PVC Himeline HE Opaque Cover w/ Base	POLYCARBONATE Circuit Safe NEMA Circuit Safe JIC Himeline HE Clear Cover w/Base Himeline HS Opaque w/ Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS — Bases Himeline HP Himeline HLA/HLS Himeline HLP	NORYL Circuit Safe Medium JIC
Acetaldehyde	U	L	—	—
Acetamide	U	U	—	—
Acetate Solvent	U	—	—	U
Acetic Acid	U	G	E	E
Acetic Acid 20%	U	E	E	E
Acetic Acid 80%	L	G	E	E
Acetic Acid, Glacial	U	G	E	E
Acetic Anhydride	U	U	E	U
Acetone	U	U	U	U
Acetyl Bromide	U	—	—	—
Acetyl Chloride (dry)	L	U	—	U
Acetylene	E	U	—	—
Acrylonitrile	G	U	—	—
Adipic Acid	E	—	—	—
Alcohols: Amyl	E	G	—	L
Alcohols: Benzyl	U	—	—	U
Alcohols: Butyl	E	E	—	E
Alcohols: Diacetone	G	—	—	E
Alcohols: Ethyl	L	G	—	E
Alcohols: Hexyl	E	—	—	E
Alcohols: Isobutyl	E	—	—	E
Alcohols: Isopropyl	E	E	—	E
Alcohols: Methyl	E	G	—	E
Alcohols: Octyl	—	—	—	E
Alcohols: Propyl	E	—	—	E
Aluminum Chloride	E	E	E	E
Aluminum Chloride 20%	E	E	—	E
Aluminum Fluoride	E	—	—	E
Aluminum Hydroxide	E	G	—	E
Aluminum Nitrate	G	E	—	—
Aluminum Potassium Sulfate 10%	E	E	—	E
Aluminum Potassium Sulfate 100%	E	E	—	E
Aluminum Sulfate	E	E	E	E
Amines	U	U	—	U
Ammonia 10%	G	U	—	E
Ammonia Nitrate	G	—	—	E
Ammonia, anhydrous	E	U	—	G
Ammonia, liquid	E	U	L	—
Ammonium Acetate	E	—	—	—
Ammonium Bifluoride	E	—	—	E
Ammonium Carbonate	E	—	L	E
Ammonium Caseinate	—	—	—	E
Ammonium Chloride	E	E	E	E
Ammonium Hydroxide	E	U	L	E
Ammonium Nitrate	E	—	L	E
Ammonium Oxalate	E	E	—	—
Ammonium Persulfate	E	—	—	E
Ammonium Phosphate, Dibasic	E	E	—	E

CHEMICAL	PVC Himeline HE Opaque Cover w/Base	POLYCARBONATE Circuit Safe NEMA Circuit Safe JIC Himeline HE Clear Cover w/Base Himeline HS Opaque w/Clear Lids	FRP (Fiberglass Reinforced Polyester) Himeline HS — Bases Himeline HP Himeline HLA/HLS Himeline HLP	NORYL Circuit Safe Medium JIC
Ammonium Phosphate, Monobasic	E	—	—	E
Ammonium Phosphate, Tribasic	E	—	—	E
Ammonium Sulfate	E	E	E	E
Ammonium Sulfite	E	—	E	E
Amyl Acetate	U	U	L	U
Amyl Alcohol	E	G	L	L
Amyl Chloride	U	—	U	U
Aniline	L	U	U	U
Aniline Hydrochloride	G	U	—	—
Antifreeze	E	—	—	E
Antimony Trichloride	E	E	E	E
Aqua Regia (80% HCl, 20% HNO ₃)	L	U	—	U
Aromatic Hydrocarbons	U	—	—	U
Arsenic Acid	E	E	—	E
Arsenic Salts	E	—	—	—
Asphalt	E	U	—	—
Barium Carbonate	E	E	E	E
Barium Chloride	E	E	E	E
Barium Cyanide	U	—	—	—
Barium Hydroxide	E	U	U	E
Barium Nitrate	E	U	—	E
Barium Sulfate	G	U	E	E
Barium Sulfide	E	—	E	E
Beer	E	E	—	E
Beet Sugar Liquids	E	—	—	E
Benzaldehyde	U	U	U	G
Benzene	L	U	L	U
Benzene Sulfonic Acid	E	U	E	E
Benzoic Acid	E	G	—	G
Benzol	—	U	—	G
Benzonitrile	—	E	—	—
Benzyl Chloride	—	—	—	U
Bleaching Liquors	E	—	—	—
Borax (Sodium Borate)	E	—	—	E
Boric Acid	E	—	E	E
Bromine	L	L	—	E
Butadiene	L	U	—	U
Butane	L	U	—	U
Butanol (Butyl Alcohol)	L	G	—	E
Butyl Amine	U	U	—	U
Butyl Ether	E	—	—	U
Butyl Phthalate	—	U	—	E
Butylacetate	U	U	U	G
Butylene	E	U	—	—
Butyric Acid	G	U	—	U
Calcium Bisulfate	—	U	—	—
Calcium Bisulfide	E	—	—	E
Calcium Bisulfite	G	U	—	E

Technical Information

Environmental Resistance Table: E—Excellent, G—Good, L—Limited, U—Unsatisfactory

IMPORTANT: These environmental resistance ratings are based upon tests where the specimens were placed in complete submergence in the reagent listed. Ratings listed in this chart apply to a 48-hour exposure period. (The information in this chart is to be used ONLY as a guide in selecting equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application.)

CHEMICAL	PVC	POLYCARBONATE	FRP	NORYL
	Himeline HE Opaque Cover w/Base	Circuit Safe NEMA Circuit Safe JIC Himeline HE Clear Cover w/Base Himeline HS Opaque w/Clear Lids	(Fiberglass Reinforced Polyester) Himeline HS — Bases Himeline HP Himeline HLA/HLS Himeline HLP	Circuit Safe Medium JIC
Calcium Carbonate	E	L	E	E
Calcium Chlorate	G	—	E	—
Calcium Chloride	L	—	E	E
Calcium Hydroxide	G	U	U	E
Calcium Hypochlorite	G	U	L	E
Calcium Nitrate	E	E	E	E
Calcium Oxide	G	—	—	E
Calcium Sulfate	G	E	E	E
Calgon	—	—	—	E
Cane Juice	E	—	—	—
Carbolic Acid (Phenol)	U	U	—	U
Carbon Bisulfide	U	—	L	—
Carbon Dioxide (dry)	E	—	—	E
Carbon Dioxide (wet)	E	—	—	E
Carbon Disulfide	U	U	—	U
Carbon Monoxide	E	—	—	E
Carbon Tetrachloride	U	U	E	U
Carbon Tetrachloride (dry)	—	—	—	U
Carbon Tetrachloride (wet)	—	—	—	U
Carbon Disulfide	U	U	—	U
Carbon Monoxide	E	—	—	E
Carbon Tetrachloride	U	U	E	U
Carbon Tetrachloride (dry)	—	—	—	U
Carbon Tetrachloride (wet)	—	—	—	U
Carbonated Water	E	—	—	E
Carbonic Acid	E	E	—	E
Catsup	E	—	—	E
Chloric Acid	E	—	—	U
Chlorine (dry)	U	—	—	G
Chlorine Water	E	—	E	L
Chlorine, Anhydrous Liquid	U	L	—	G
Chloroacetic Acid	G	U	—	—
Chlorobenzene (Mono)	U	U	U	U
Chlorobromomethane	U	—	—	—
Chloroform	U	U	—	U
Chlorosulfonic Acid	U	L	—	U
Chocolate Syrup	—	E	—	E
Chromic Acid 10%	E	G	E	E
Chromic Acid 30%	E	L	—	U
Chromic Acid 5%	E	G	—	E
Chromic Acid 50%	U	U	—	U
Chromium Salts	E	—	—	—
Citric Acid	G	E	E	E
Citric Oils	—	—	—	E
Clorox® (Bleach)	E	—	—	E
Copper Chloride	E	—	—	E
Copper Cyanide	E	U	—	E
Copper Fluoborate	E	—	—	—

CHEMICAL	PVC	POLYCARBONATE	FRP	NORYL
	Himeline HE Opaque Cover w/Base	Circuit Safe NEMA Circuit Safe JIC Himeline HE Clear Cover w/Base Himeline HS Opaque w/Clear Lids	(Fiberglass Reinforced Polyester) Himeline HS — Bases Himeline HP Himeline HLA/HLS Himeline HLP	Circuit Safe Medium JIC
Copper Nitrate	E	U	—	E
Copper Sulfate >5%	E	E	—	E
Copper Sulfate 5%	E	E	—	E
Cresols	U	U	U	U
Cresylic Acid	U	U	—	—
Cupric Acid	E	E	—	E
Cyclohexane	U	G	—	U
Cyclohexanone	U	U	—	U
Detergents	E	E	—	E
Diacetone Alcohol	U	U	—	—
Dichlorobenzene	U	U	—	—
Dichloroethane	U	U	—	E
Diesel Fuel	E	E	—	U
Diethyl Ether	U	U	—	—
Diethylamine	U	U	—	—
Diethylene Glycol	L	G	—	E
Dimethyl Aniline	U	U	U	U
Dimethyl Formamide	U	U	—	U
Diphenyl Oxide	U	—	—	—
Dyes	G	—	—	E
Epsom Salts (Magnesium Sulfate)	E	E	—	E
Ethane	E	—	—	—
Ethanol	L	G	—	E
Ethanolamine	U	—	—	E
Ether	U	—	L	U
Ethyl Acetate	U	U	L	E
Ethyl Benzoate	U	U	—	E
Ethyl Chloride	U	U	L	U
Ethyl Ether	U	—	U	U
Ethylene Bromide	U	U	—	—
Ethylene Chloride	U	U	—	U
Ethylene Chlorohydrin	U	U	E	—
Ethylene Diamine	U	E	—	U
Ethylene Dichloride	U	U	U	U
Ethylene Glycol	E	G	E	E
Ethylene Oxide	U	L	—	E
Fatty Acids	E	G	—	E
Ferric Chloride	E	E	E	E
Ferric Nitrate	E	E	E	E
Ferric Sulfate	E	E	E	E
Ferrous Chloride	E	U	E	E
Ferrous Sulfate	E	E	E	E
Fluoboric Acid	E	—	—	E
Fluorine	U	L	—	—
Fluosilicic Acid	U	E	—	E
Formaldehyde 100%	E	E	—	E
Formaldehyde 40%	E	E	E	E
Formic Acid	E	E	L	E

Technical Information

Environmental Resistance Table: E—Excellent, G—Good, L—Limited, U—Unsatisfactory

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Freon 113	G	G	—	U
Freon 12	E	—	—	U
Freon 22	E	—	—	G
Freon TF	G	—	—	—
Freon® 11	E	—	—	G
Fuel Oils	E	G	—	G
Furan Resin	E	—	—	—
Furfural	U	U	L	U
Gallic Acid	G	—	—	E
Gasoline (high-aromatic)	E	E	—	G
Gasoline, leaded, ref.	G	E	E	G
Gasoline, unleaded	L	E	—	U
Gelatin	G	—	—	E
Glucose	E	E	E	E
Glue, P.V.A.	L	—	—	—
Glycerin	E	E	E	E
Glycolic Acid	G	—	—	—
Grease	E	—	—	—
Heptane	L	G	E	G
Hexane	G	U	U	G
Hydraulic Oil (Petro)	E	—	—	—
Hydraulic Oil (Synthetic)	E	—	—	—
Hydrazine	—	U	—	—
Hydrobromic Acid 100%	E	—	—	G
Hydrobromic Acid 20%	G	—	—	G
Hydrochloric Acid 100%	U	U	—	E
Hydrochloric Acid 20%	E	G	E	E
Hydrochloric Acid 37%	G	U	L	E
Hydrochloric Acid, Dry Gas	E	—	—	E
Hydrocyanic Acid	G	—	—	E
Hydrocyanic Acid (Gas 10%)	E	G	—	L
Hydrofluoric Acid 100%	L	U	—	U
Hydrofluoric Acid 20%	G	U	—	L
Hydrofluoric Acid 50%	G	U	—	U
Hydrofluoric Acid 75%	L	U	—	U
Hydrofluosilicic Acid 100%	G	—	—	G
Hydrofluosilicic Acid 20%	E	—	—	G
Hydrogen Gas	E	E	—	E
Hydrogen Peroxide 10%	E	E	—	E
Hydrogen Peroxide 100%	E	E	—	E
Hydrogen Peroxide 30%	E	E	E	E
Hydrogen Peroxide 50%	E	E	E	—
Hydrogen Sulfide (aqua)	G	E	—	E
Hydrogen Sulfide (dry)	E	—	—	—
Hydroquinone	G	—	—	—
Hydroxyacetic Acid 70%	U	—	—	—
Ink	L	—	—	—
Iodine	E	—	—	L

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Iodine (in alcohol)	E	—	—	—
Iodoform	E	—	—	—
Isooctane	E	G	—	U
Isopropyl Acetate	U	U	—	—
Isopropyl Ether	G	U	—	—
Isotane	E	—	—	—
Jet Fuel (JP3, JP4, JP5)	L	E	—	U
Kerosene	E	U	—	U
Ketones	U	U	—	U
Lacquer Thinners	U	G	—	U
Lacquers	U	U	—	U
Lactic Acid	G	G	E	E
Lard	E	E	—	E
Lead Acetate	G	—	—	E
Lead Nitrate	E	—	—	E
Lead Sulfamate	G	E	—	—
Lime	G	—	—	—
Linoleic Acid	E	—	—	—
Lithium Chloride	U	G	—	—
Lithium Hydroxide	—	U	—	—
Lubricants	G	E	—	L
Lye: Ca(OH) ₂ , Calcium Hydroxide	G	U	—	E
Lye: KOH Potassium Hydroxide	G	U	—	E
Lye: NaOH Sodium Hydroxide	E	U	—	E
Epsom Salts (Magnesium Sulfate)	E	E	—	E
Magnesium Bisulfate	E	E	—	—
Magnesium Carbonate	G	E	E	E
Magnesium Chloride	G	E	E	E
Magnesium Hydroxide	E	E	G	E
Magnesium Nitrate	E	E	—	E
Magnesium Oxide	—	—	—	—
Magnesium Sulfate (Epsom Salts)	E	E	E	E
Maleic Acid	E	—	—	E
Malic Acid	E	—	—	—
Manganese Sulfate	L	E	—	E
Mayonnaise	U	—	—	—
Melamine	U	—	—	—
Mercuric Chloride (dilute)	E	E	—	E
Mercuric Cyanide	E	—	—	—
Mercurous Nitrate	E	E	—	E
Mercury	E	U	—	E
Methane	G	—	—	—
Methanol (Methyl Alcohol)	E	G	L	E
Methyl Acetate	U	U	—	—
Methyl Acetone	U	—	—	—
Methyl Alcohol 10%	E	G	—	E
Methyl Bromide	U	—	—	—
Methyl Butyl Ketone	E	U	—	—

Technical Information

Environmental Resistance Table: E—Excellent, G—Good, L—Limited, U—Unsatisfactory

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Methyl Cellosolve	U	U	—	—
Methyl Chloride	U	U	—	U
Methyl Dichloride	E	—	—	—
Methyl Ethyl Ketone	U	U	E	U
Methyl Isobutyl Ketone	U	U	—	U
Methyl Isopropyl Ketone	U	U	—	U
Methyl Methacrylate	E	—	—	—
Methylamine	U	—	—	—
Methylene Chloride	U	U	U	U
Mineral Spirits	E	L	—	E
Monochloroacetic acid	—	U	—	—
Monoethanolamine	U	—	—	E
Morpholine	—	U	—	U
Motor oil	G	E	—	E
Naphtha	E	G	E	U
Naphthalene	U	—	—	U
Natural Gas	E	—	—	—
Nickel Chloride	E	E	—	E
Nickel Nitrate	E	U	—	E
Nickel Sulfate	E	E	—	E
Nitrating Acid (<15% HNO ₃)	U	—	—	—
Nitrating Acid (>15% H ₂ SO ₄)	U	—	—	—
Nitrating Acid (1% Acid)	U	—	—	—
Nitrating Acid (15% H ₂ SO ₄)	U	—	—	—
Nitric Acid (20%)	E	G	G	G
Nitric Acid (50%)	G	G	—	G
Nitric Acid (50%)	G	G	—	G
Nitric Acid (5–10%)	E	E	—	E
Nitric Acid (Concentrated)	G	L	—	G
Nitrobenzene	U	U	L	U
Nitromethane	G	U	—	U
Nitrous Acid	E	—	—	—
Nitrous Oxide	E	—	—	—
Oil: Aniline	U	—	—	U
Oil: Citric	G	E	—	E
Oil: Creosote	L	—	—	U
Oil: Diesel Fuel (20, 30, 40, 50)	G	—	—	U
Oil: Diesel Fuel (20, 30, 40, 50)	G	—	—	U
Oil: Hydraulic Oil (Petro)	E	—	—	—
Oil: Hydraulic Oil (Synthetic)	E	—	—	—
Oil: Mineral	G	G	—	E
Oil: Olive	L	E	—	E
Oil: Orange	L	L	—	—
Oil: Pine	U	E	—	—
Oil: Rosin	L	—	—	—
Oil: Silicone	E	—	—	E
Oil: Transformer	G	—	—	—
Oil: Turbine	E	—	—	—

CHEMICAL	PVC	POLYCARBONATE	FRP	NORYL
	Himeline HE Opaque Cover w/Base	Circuit Safe NEMA Circuit Safe JIC Himeline HE Clear Cover w/Base Himeline HS Opaque w/Clear Lids	(Fiberglass Reinforced Polyester) Himeline HS — Bases Himeline HP Himeline HLA/HLS Himeline HLP	Circuit Safe Medium JIC
Oleic Acid	L	—	E	E
Oleum 100%	U	—	—	E
Oleum 25%	U	—	—	—
Oxalic Acid (cold)	G	—	E	E
Ozone	G	E	—	—
Palmitic Acid	G	—	—	—
Paraffin	G	E	—	E
Pentane	E	E	—	—
Perchloric Acid	L	—	—	—
Perchloroethylene	L	U	—	U
Petrolatum	G	—	—	—
Petroleum	—	—	—	U
Phenol (10%)	L	G	L	U
Phenol (Carbolic Acid)	U	U	—	U
Phosphoric Acid (>40%)	G	E	—	E
Phosphoric Acid (crude)	G	E	—	E
Phosphoric Acid (molten)	U	—	—	—
Phosphoric Acid (40%)	G	E	—	E
Phosphoric Acid Anhydride	—	U	—	—
Phosphorus	E	—	—	—
Phosphorus Trichloride	U	L	—	—
Photographic Developer	E	E	—	E
Photographic Solutions	E	E	—	E
Phthalic Anhydride	U	E	—	—
Picric Acid	U	U	—	—
Potash (Potassium Carbonate)	E	—	L	E
Potassium Bicarbonate	E	—	—	E
Potassium Bromide	E	E	—	E
Potassium Chlorate	E	E	—	E
Potassium Chloride	E	U	E	E
Potassium Chromate	E	—	E	E
Potassium Cyanide Solutions	E	—	—	E
Potassium Dichromate	E	E	—	E
Potassium Ferricyanide	E	—	E	E
Potassium Ferrocyanide	E	—	E	E
Potassium Hydroxide (Caustic Potash)	E	U	L	E
Potassium Hypochlorite	G	—	—	—
Potassium Iodide	E	—	—	—
Potassium Nitrate	E	E	E	E
Potassium Oxalate	—	—	—	—
Potassium Permanganate	E	E	E	E
Potassium Sulfate	E	E	E	E
Potassium Sulfide	E	—	—	E
Propane (liquefied)	E	L	—	E
Propylene	G	—	—	—
Propylene Glycol	L	G	—	—
Pyridine	U	U	—	G
Pyrogalllic Acid	E	—	—	—

Technical Information

Environmental Resistance Table: E—Excellent, G—Good, L—Limited, U—Unsatisfactory

IMPORTANT: These environmental resistance ratings are based upon tests where the specimens were placed in complete submergence in the reagent listed. Ratings listed in this chart apply to a 48-hour exposure period. (The information in this chart is to be used ONLY as a guide in selecting equipment for appropriate chemical compatibility. Before permanent installation, test the equipment with the chemicals and under the specific conditions of your application.)

CHEMICAL	PVC	POLYCARBONATE	FRP	NORYL
	Himeline HE Opaque Cover w/Base	Circuit Safe NEMA Circuit Safe JIC Himeline HE Clear Cover w/Base Himeline HS Opaque w/Clear Lids	(Fiberglass Reinforced Polyester) Himeline HS — Bases Himeline HP Himeline HLA/HLS Himeline HLP	Circuit Safe Medium JIC
Resorcinol	L	G	—	—
Rosins	L	—	—	—
Salicylic Acid	G	E	—	—
Salt Brine (NaCl saturated)	E	E	—	E
Sea Water	E	E	—	E
Silicone	E	E	—	E
Silver Bromide	—	—	—	E
Silver Nitrate	E	E	—	E
Soap Solutions	E	E	—	E
Soda Ash (see Sodium Carbonate)	E	E	—	E
Sodium Acetate	G	E	E	E
Sodium Aluminate	—	—	—	E
Sodium Benzoate	G	E	—	—
Sodium Bicarbonate	E	E	E	E
Sodium Bisulfate	E	E	—	E
Sodium Bisulfite	E	E	—	E
Sodium Borate (Borax)	E	E	—	E
Sodium Bromide	G	—	E	E
Sodium Carbonate	E	E	—	E
Sodium Chlorate	E	E	E	E
Sodium Chloride	E	E	E	E
Sodium Chromate	—	E	—	E
Sodium Cyanide	E	—	—	E
Sodium Ferrocyanide	E	—	E	E
Sodium Fluoride	E	—	—	E
Sodium Hydrosulfite	L	—	—	—
Sodium Hydroxide (20%)	E	E	U	E
Sodium Hydroxide (50%)	E	U	U	E
Sodium Hydroxide (80%)	E	U	U	E
Sodium Hypochlorite (<20%)	E	L	L	E
Sodium Hypochlorite (100%)	G	—	—	E
Sodium Metaphosphate	E	—	—	—
Sodium Metasilicate	E	—	—	—
Sodium Nitrate	E	—	U	E
Sodium Perborate	E	—	—	E
Sodium Peroxide	G	E	—	—
Sodium Polyphosphate	E	—	—	E
Sodium Silicate	E	—	—	E
Sodium Sulfate	E	E	E	E
Sodium Sulfide	E	U	U	E
Sodium Sulfite	E	—	E	E
Sodium Tetraborate	E	—	—	E
Sodium Thiosulfate (hypo)	E	U	—	E
Stannic Chloride	E	E	—	E
Stannic Fluoborate	—	—	—	E
Stannous Chloride	E	—	—	E
Stearic Acid	G	E	—	E
Stoddard Solvent	L	E	—	U
Styrene	U	U	—	E

CHEMICAL	PVC	POLYCARBONATE	FRP	NORYL
	Himeline HE Opaque Cover w/Base	Circuit Safe NEMA Circuit Safe JIC Himeline HE Clear Cover w/Base Himeline HS Opaque w/Clear Lids	(Fiberglass Reinforced Polyester) Himeline HS — Bases Himeline HP Himeline HLA/HLS Himeline HLP	Circuit Safe Medium JIC
Sulfate (Liquors)	G	—	—	—
Sulfur Chloride	L	—	—	E
Sulfur Dioxide	E	—	—	E
Sulfur Dioxide (dry)	E	E	—	E
Sulfur Hexafluoride	G	—	—	—
Sulfur Trioxide	E	—	—	U
Sulfur Trioxide (dry)	E	—	—	U
Sulfuric Acid (<10%)	E	E	E	E
Sulfuric Acid (10–75%)	E	G	U	E
Sulfuric Acid (75–100%)	U	U	—	E
Sulfuric Acid (cold concentrated)	U	—	—	E
Sulfuric Acid (hot concentrated)	U	U	—	U
Sulfurous Acid	E	—	—	E
Tallow	—	—	—	E
Tannic Acid	E	L	—	E
Tanning Liquors	E	—	—	E
Tartaric Acid	E	—	E	E
Tetrachloroethane	L	—	—	U
Tetrachloroethylene	U	U	—	U
Tetrahydrofuran	U	U	L	U
Tin Salts	E	—	—	—
Toluene (Toluol)	U	U	—	U
Trichloroacetic Acid	G	U	—	—
Trichloroethane	L	U	—	U
Trichloroethylene	U	—	U	U
Trichloropropane	—	—	—	U
Tricresylphosphate	U	—	—	E
Triethylamine	G	—	—	G
Trisodium Phosphate	E	—	—	E
Turpentine	U	U	E	U
Urea	U	U	L	E
Uric Acid	E	—	—	—
Varnish	U	—	—	U
Vinegar	G	E	E	E
Vinyl Acetate	U	—	—	—
Vinyl Chloride	U	—	—	—
Water, Acid, Mine	G	G	—	—
Water, Deionized	E	—	—	E
Water, Distilled	E	E	—	E
Beet Sugar Liquids	E	—	—	E
Water, Fresh	G	E	—	E
Water, Salt	G	E	—	E
Whiskey & Wines	E	E	—	E
White Liquor (Pulp Mill)	E	—	—	E
White Water (Paper Mill)	E	—	—	U
Xylene	U	U	E	G
Zinc Chloride	G	E	E	E
Zinc Hydrosulfite	—	—	—	E
Zinc Sulfate	E	E	E	E

***Carlon® Electrical
Non-Metallic
Tubing (ENT)
System***

In this section...



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Tubing (ENT) System**

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Electrical Non-Metallic Tubing

Flex-Plus® ENT

Flex-Plus® ENT is a non-metallic flexible raceway for use in walls, floors and non-plenum ceilings. It's lightweight, hand-bendable and free from sharp edges, which reduces installation time and saves money.

Options:

- Sizes ½" through 2"
- Colors can designate different voltages.
Examples:
 - Yellow color for communication circuits and signaling cable
 - Red color for fire alarm circuits
 - Blue color for power circuits
- Packaging: coils or reels



LR83580
FT-4 Rated
where
noted by

Standard Stock — Reels

CAT. NO.	SIZE (IN.)	COLOR	NOM. I.D. (IN.)	NOM. O.D. (IN.)	PILL TAPE	MIN. BEND RADIUS (IN.)	REEL SIZE (IN.) (F X W)	REEL TYPE (W=WOOD)	REEL LENGTH	REEL WT. (LBS.)	WT. PER 100 FT. (LBS.)
12005AK-001	½	Blue	.56	.84	Empty	6	36 x 24	W	1500	40	10
12005AKY-001	½	Yellow	.56	.84	Empty	6	36 x 24	W	1500	40	10
12005AKR-001	½	Red	.56	.84	Empty	6	36 x 24	W	1500	40	10
12005AKC-001	½	Blue	.56	.84	Empty	6	36 x 24	W	1500	40	10
12007AA-001	¾	Blue	.76	1.05	Empty	6	36 x 24	W	1000	40	14
1207AAY-001	¾	Yellow	.76	1.05	Empty	6	36 x 24	W	1000	40	14
1207AAR-001	¾	Red	.76	1.05	Empty	6	36 x 24	W	1000	40	14
1207AAC-001	¾	Blue	.76	1.05	Empty	6	36 x 24	W	1000	40	14
12008-750	1	Blue	1.00	1.315	Empty	6	36 x 24	W	750	40	20
12008Y-750	1	Yellow	1.00	1.315	Empty	6	36 x 24	W	750	40	20
12008R-750	1	Red	1.00	1.315	Empty	6	36 x 24	W	750	40	20
12008C-750	1	Blue	1.00	1.315	Empty	6	36 x 24	W	750	40	20
12009-750	1¼	Blue	1.402	1.66	Empty	7	48 x 32	W	750	90	19
12010-750	1½	Blue	1.554	1.90	Empty	8¼	48 x 32	W	750	90	39
12010Y-750	1½	Yellow	1.554	1.90	Empty	8¼	48 x 32	W	750	90	39
12011-500	2	Blue	2.030	2.375	Empty	9½	48 x 32	W	500	90	32
12011R-500	2	Red	2.030	2.375	Empty	9½	48 x 32	W	500	90	32
12011Y-500	2	Yellow	2.030	2.375	Empty	9½	48 x 32	W	500	90	32

* 1¼"-2" available in yellow & red, made to order; consult factory.

Canada Only

Standard Stock — Coils

CAT. NO.	SIZE (IN.)	COLOR	NOM. I.D. (IN.)	NOM. O.D. (IN.)	PILL TAPE	MIN. BEND RADIUS (IN.)	COIL LENGTH (FT.)	WT. PER 100 FT. (LBS.)
12005-200	½	Blue	.56	.84	Empty	6	200	10
12005Y-200	½	Yellow	.56	.84	Empty	6	200	10
12005R-200	½	Red	.56	.84	Empty	6	200	10
12005C-370	½	Blue	.56	.84	Empty	6	200	10
12007-100	¾	Blue	.76	1.05	Empty	6	100	14
12007Y-100	¾	Yellow	.76	1.05	Empty	6	100	14
12007R-100	¾	Red	.76	1.05	Empty	6	100	14
12007C-240	¾	Blue	.76	1.05	Empty	6	100	14
12008-100	1	Blue	1.00	1.315	Empty	6	100	22
12008Y-100	1	Yellow	1.00	1.315	Empty	6	100	22
12008R-100	1	Red	1.00	1.315	Empty	6	100	22
12008C-160	1	Blue	1.00	1.315	Empty	6	100	22

Canada Only

10-ft. Lengths

CAT. NO.	SIZE (IN.)	COLOR	NOM. I.D. (IN.)	NOM. O.D. (IN.)	STD. CTN.	STD. WT. (LBS.)
12005-UPC	½	Blue	.56	.84	10 ft.	1.02
12007-UPC	¾	Blue	.76	1.05	10 ft.	1.46
12008-010	1	Blue	1.00	1.315	10 ft.	2.93

Note: The solid blue color of ENT conduit is a registered trademark of Carlon®. ENT may show color deterioration in direct sunlight when stored outdoors over an extended period of time. It is suggested that all ENT products not be stored outside. Section 362.12(B) of the NEC® prohibits ENT to be used in areas exposed to direct sunlight.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Boxes and Accessories

Stub Downs

Vertical Stub Down

Carlon® Vertical Stub Downs are designed to provide a quick, easy connection to a wood deck or transition from slab-to-slab using Carlon's® "Quick Connect" snap-in design... simply snap the ENT in place. The integral snaps provide a secure mount — preventing the ENT from pulling out while enabling easy removal of the fitting once the deck is removed. All in a concrete-tight application. The underside of this fitting provides ample room to attach a Carlon® coupling to the ENT to continue the run. Carlon® Vertical Stub Downs are manufactured out of a highly engineered thermoplastic material to provide extra strength and durability and are available in sizes ½", ¾" and 1".



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A210D	½"	50	3.8
A210E	¾"	50	3.7
A210F	1"	50	4.8

Vertical Stub Down Transition Adapter

Carlon® Non-Metallic Exclusive...Carlon® Vertical Stub Down Transition Adapters, like our Vertical Stub Downs, provide a means to transition from ENT to another wire-management product where code requires other wire-management means. The integral snaps provide a secure mount — preventing the ENT from slipping or pulling out, while the deck-mount flange has a threaded port, enabling connection to other conduit system using a terminal adapter. Carlon® Vertical Stub Down Transition Adapters are manufactured out of polycarbonate material to provide extra strength and durability. They're concrete tight and available in sizes ½", ¾" and 1".



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A200D	½" Female ENT to NPSC (Female)	50	2.3
A200E	¾" Female ENT to NPSC (Female)	50	2.8
A200F	1" Female ENT to NPSC (Female)	50	3.9

45° Stub Down

Carlon® 45° Stub Downs are designed to provide a smooth transition from cross-deck ENT runs to vertical applications. The integral snaps provide a secure mount — preventing the ENT from slipping or pulling out — but also enable the stub to easily be removed. The underside of this fitting provides ample room to attach a Carlon® coupling to the ENT to continue the run. Carlon® 45° Stub Downs are manufactured out of a highly engineered thermoplastic material to provide extra strength and durability. They're concrete tight and available in sizes ½", ¾" and 1".



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A220D	½"	25	1.8
A220E	¾"	25	2.0
A220F	1"	25	2.6
A220G	1¼"	25	2.8
A220H	1½"	25	3.3
A220J	2"	25	4.1

90° Stub Down Transition Adapter

Carlon® Non-Metallic Exclusive...Carlon® 90° Stub Downs are designed to provide a smooth transition from cross-deck ENT runs to vertical applications where code requires other wire-management means. The integral snaps provide a secure mount — preventing the ENT from slipping or pulling out, while the deck-mount flange has a threaded port, enabling connection to any conduit system using a terminal adapter. Carlon® 90° Stub Downs are manufactured out of polycarbonate material to provide extra strength and durability. They're concrete tight and available in sizes ½", ¾" and 1".

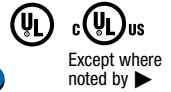


CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A230D	½" Female ENT to NPSC (Female)	25	2.0
A230E	¾" Female ENT to NPSC (Female)	25	2.4
A230F	1" Female ENT to NPSC (Female)	25	3.3

Boxes and Accessories

Mud Box Assemblies

Carlson® Mud Box Assemblies are available in five unique styles...blank, ceiling ring, one-gang, two-gang and 4-inch square. All Mud Box Assemblies are manufactured out of polycarbonate material to provide extra strength and durability, are concrete tight and have twelve integral connectors...two 1", six 3/4" and four 1/2". Using our new ENT Reducers, this product will meet ANY jobsite application.



Mud Box Base with Blank Cover

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A863BC ▶	Mud Box with Blank Cover	24	12.3

Mud Box with Ceiling Ring

- Threaded brass inserts for fan (#10-32 screws) and fixture (#8-32 screws) mountings
- Listed for fixture support up to 50 lbs.
- Listed for ceiling fans up to 35 lbs.

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A863CF	Mud Box with Blank Cover	24	15.5
A863CFG ▶	Mud Box with Ceiling Ring & Ground Lug	24	16.1

Mud Box with One-Gang Ring

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A863S	Mud Box with One-Gang Ring	24	16.8
A863SG ▶	Mud Box with One-Gang Ring & Ground Lug	24	16.2

Mud Box with Two-Gang Ring

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A863D	Mud Box with Two-Gang Ring	24	15.8
A863DG ▶	Mud Box with Two-Gang Ring & Ground Lug	24	16.6

Mud Box with 4" Square Ring

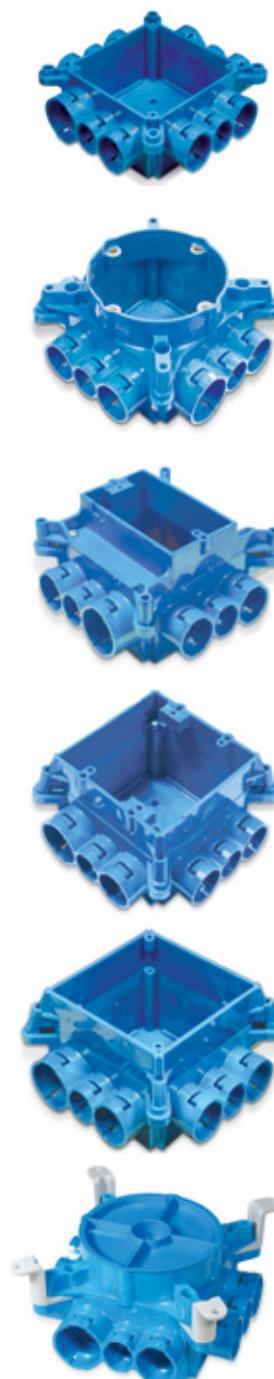
- 4" Square Ring not for luminaire

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A863-4SQ ▶	Mud Box with 4-Inch Square Ring	24	15.2

Mud Box Assemblies with Mounting Feet

Carlson® Mud Box Assemblies with Mounting Feet are specifically engineered and designed for use in Tunnel Form applications. The mounting feet are located on all four corners and enable the box to attach directly to the wall of the form using pop rivets. The pop rivets help keep the box in position during the pour and provide a safe, secure and rust-resistant mount.

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A863-4SQF	4-Square Ring	24	17.15
A863CFF	Ceiling Ring	24	16.61
A863CFGF	Ceiling Ring and Ground Lug	24	17.46
A863DF	Double-Gang	24	17.42
A863DGF	Double-Gang and Ground Lug	24	17.99
A863SF	Single-Gang	24	17.15
A863SGF	Single-Gang and Ground Lug	24	17.44

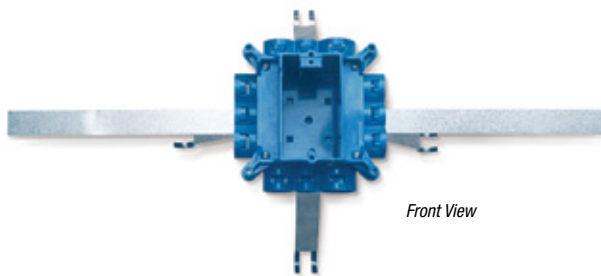


Boxes and Accessories

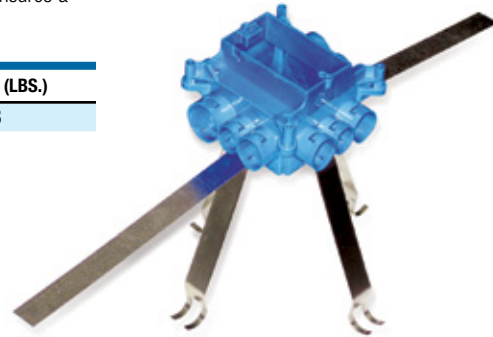
Mounting Brackets

CARLTON® EXCLUSIVE...The Carlton® ENT Mounting Bracket is specifically designed for use with Carlton® ENT Mud Box Assemblies in vertical concrete walls where one- or two-gang boxes are needed. The stainless steel spring-loaded mechanism provides a secure outlet box between concrete forms while the soft-steel strap enables the outlet box to be secured to rebar. The bracket combination ensures a straight box opening and a concrete-tight fit. Mud Box not included.

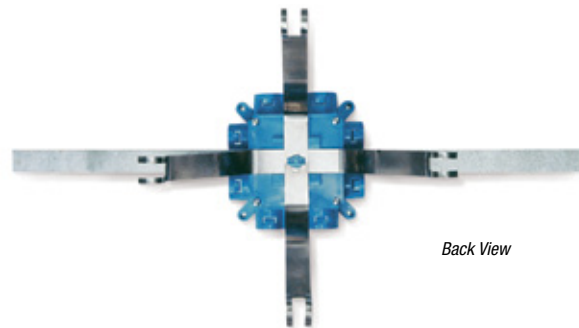
CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A863MB	Mud Box Mounting Kit	1	.98



Front View



Carlton
Exclusive

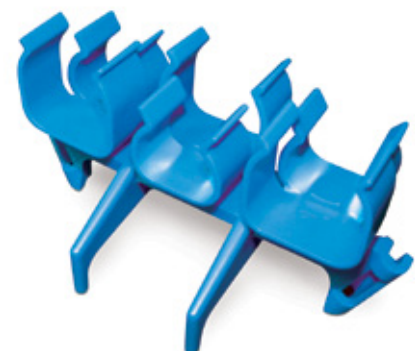


Back View

ENT Bridge

CARLTON® EXCLUSIVE...The Carlton® ENT Bridge is designed to support long ENT runs in concrete pour applications. This makes pulling wire/cable a snap. Installation is easy...simply mount the ENT bridge, using nails or screws, to the wood deck mounting and snap the ENT into place. The bridge is designed to hold the conduit in place while minimizing dips in the conduit over long runs. The Carlton® ENT Bridge is manufactured out of a highly engineered thermoplastic material to provide extra strength and durability and can accommodate ENT sizes 1/2", 3/4" and 1". (The Carlton® ENT bridge can be used with rigid non-metallic conduit too.)

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A293DEF	ENT Bridge	50	9.0



Carlton
Exclusive

Boxes and Accessories

Transition Adapters

Male ENT to Schedule 40 and 80 PVC Conduit

CARLTON® EXCLUSIVE... Carlton® Male ENT to Schedule 40 & 80 PVC Conduit Transition Adapters are designed to connect Schedule 40 conduit to Carlton® Flex-Plus® Blue™ ENT boxes and fittings. Simply solvent cement the PVC adapter to the Schedule 40 conduit and snap the adapter into Carlton's® "Quick Connect" snap-in connector on the box or fitting. Carlton® Male ENT to Schedule 40 & 80 Adapters are concrete tight and available in sizes ½", ¾" and 1".



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A263D	½" ENT to ½" Sch. 40 or Sch. 80	100	2.4
A263E	¾" ENT to ¾" Sch. 40 or Sch. 80	100	3.2
A263F	1" ENT to 1" Sch. 40 or Sch. 80	100	4.5



ENT to EMT

Carlton® ENT to EMT Transition Adapters are designed to easily transition from Carlton® Flex-Plus® Blue™ ENT to EMT using Carlton's® "Quick Connect" snap-in design. The EMT is held securely in place using the small screw (provided). This helps prevent the EMT from slipping/shifting out of the adapter. All ENT to EMT adapters are manufactured out of polycarbonate material to provide extra strength and durability. They're concrete tight and available in sizes ½", ¾" and 1".

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A245D	½" ENT to ½" EMT	100	3.4
A245E	¾" ENT to ¾" EMT	100	4.1
A245F	1" ENT to 1" EMT	100	5.4



Reducers

CARLTON® EXCLUSIVE... Carlton® ENT Reducers are designed to provide an easy transition from 1" Carlton® ENT to ¾" ENT or from ¾" Carlton® ENT to ½" ENT. They're concrete tight and manufactured out of polycarbonate material to provide extra strength and durability. Carlton® ENT Reducers provide flexibility while on the jobsite by minimizing the need to carry size-specific boxes and fittings. Carlton® ENT Reducers provide the versatility to convert Carlton® fittings and boxes to many different sizes and configurations.



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A273DE	¾"-½"	100	3.2
A273EF	1"-¾"	100	2.4



Boxes and Accessories

Outlet and Switch Boxes — Eccentric Knockouts

CARLON® EXCLUSIVE...Carlton® ENT Outlet and Switch Boxes with Eccentric Knockouts are designed to enable selective ENT openings — ½", ¾" and 1" — based on application needs. They provide the largest capacity available on the market today — 22 cu. in. Single-Gang, and 38 cu. in. Double-Gang — and can be mounted to wood or steel studs. Carlton® ENT Outlet and Switch Boxes with Eccentric Knockouts are manufactured out of a highly engineered thermoplastic material to provide extra strength and durability and are available in single-gang and double-gang styles.

Note: The double-gang version is also a 4-in. square box.



Single-Gang — 22 Cu. In.

CAT. NO.	SIZE	CAPACITY CU. IN.	STD. CTN.	STD. WT. (LBS.)
A122	Single-Gang	22	25	6.8

UL Classified for 2-hour-or-less fire-resistant fire wall assemblies

Combination Two-Gang/Four-Inch Square Box — 38 Cu. In.

CAT. NO.	SIZE	CAPACITY CU. IN.	STD. CTN.	STD. WT. (LBS.)
A238	Two-Gang	38	25	8.9

UL Classified for 2-hour-or-less fire-resistant fire wall assemblies

Outlet Box Divider

Carlton® ENT Outlet Box Divider is specifically designed for applications where a combined high- and low-voltage closed-back box is needed, such as for placement in a fire-rated wall. Just slip the divider into place to get the split box you need. The Carlton® ENT Outlet Box Divider is UL® Recognized for use with the Carlton® A238 Box only.



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A238DIV	—	50	1.87



1-800-453-1692

www.aboveboardelectronics.com

Boxes and Accessories

Quick-Connect Adapters and Couplings

- Carlton® one-piece ENT Quick-Connect Couplings, Threaded Adapters and Snap-In Terminator Adapters are suitable for damp locations
- Quick-Connect Couplings and Threaded Adapters are concrete-tight when used with Carlton® ENT
- All sizes of rigid non-metallic conduit fittings are compatible with ENT when using ENT cement
- Rigid non-metallic conduit fittings are recommended for use with Carlton® 1 1/4" –2" Flex-Plus® Blue™ ENT
- Use of ENT Blue™ Quick-Set Cement is required. See **page A-338** for details
- When One-Piece Quick-Connect Snap-In Terminator Adapters are installed in a concrete application, Carlton® flat sealing washers must be used on the box connection ends



Couplings

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A240D	1/2	150	2.90
A240E	3/4	100	3.00
A240F	1	50	2.30

Threaded Adapters

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A243D	1/2	150	2.55
A243E	3/4	100	2.30
A243F	1	50	2.00

Snap-In Adapters

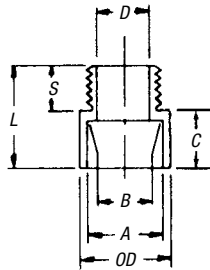
CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A253D	1/2	150	2.70
A253E	3/4	100	2.90
A253F	1	50	2.30



Rigid Non-Metallic Conduit Adapters and Couplings

Male Terminal Adapters

For adapting non-metallic conduits to boxes, threaded fittings, metallic systems. Male threads on one end, socket end on other.

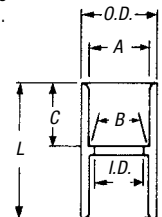


Standard Couplings

All socket fittings should be attached using ENT Blue™ Quick-Set Cement (**page A-338**). Using Carlton® fittings with Carlton® non-metallic conduit ensures system integrity.



Socket type for joining non-metallic conduit.



CAT. NO.	SIZE	STD. CTN.	TYPICAL		MIN. D	MAX. OD	TYPICAL			STD. WT. (LBS.)
			A	B			C	S	L	
E943D	1/2	150	.852	.836	.597	1 1/8	3/8	1 1/16	1 1/16	2.8
E943E	3/4	125	1.064	1.046	.800	1 1/32	3/4	1 1/8	1 3/8	3.5
E943F	1	50	1.330	1.310	1.018	1 3/8	1	1 1/16	1 29/32	3
E943G	1 1/4	50	1.677	1.655	1.332	2 1/32	1	3/4	1 15/16	4
E943H	1 1/2	25	1.918	1.894	1.566	2 5/32	1 1/16	3/4	2 1/16	2.5
E943J	2	50	2.393	2.369	2.000	2 21/32	1 3/16	3/4	2 1/8	7

*All measurements in inches, unless otherwise noted.

CAT. NO.	SIZE	STD. CTN.	TYPICAL		MIN. D	MAX. OD	TYPICAL		STD. WT. (LBS.)
			A	B			C	L	
E940D	1/2	150	.852	.836	.728	1 1/64	1 1/16	1 1/2	2.8
E940E	3/4	100	1.064	1.046	.840	1 1/16	3/4	1 1/8	3.5
E940F	1	50	1.330	1.310	1.210	1 1/8	1 1/16	2	3
E940G	1 1/4	30	1.677	1.655	1.535	1 63/64	1	2 1/8	4
E940H	1 1/2	25	1.918	1.894	1.755	2 15/64	1 1/8	2 1/8	2.5
E940J	2	30	2.393	2.369	2.190	2 47/64	1 1/16	2 1/2	7

*All measurements in inches, unless otherwise noted.

Boxes and Accessories

2½" and 4" Mud Boxes and Covers

- UL Classified for 2-hour-or-less fire-resistant floor/ceiling assemblies

Base Rings

Listed for use with ceiling fans up to 35 lbs. and for fixture support up to 50 lbs.



E42728

LR31146

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A861	Without Ground Lug	10	2.5
C861G	With Ground Lug	10	2.0



Covers

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A862D	2½ Deep (½" KOs)	10	2.5
A862E	2½ Deep (¾" KOs)	10	2.1
A864D	4 Deep (½" KOs)	10	2.9
A864E	4 Deep (¾" KOs)	10	2.9
A864F	4 Deep (1" KOs)	10	3.0

Quick-Connect Outlet and Switch Boxes

- Suitable for masonry walls
- Meets NEMA OS-2
- UL Classified for 2-hour-or-less fire-resistant wall assemblies



E42728

Single-Gang — 16 Cu. In.

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A58381D	3 x 2¼ x 3 (½" KOs)	25	4.6
A58381E	3 x 2¼ x 3 (¾" KOs)	25	4.6



4" Square — 20 Cu. In.

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A52151D	4 x 4 x 1½ (½" KOs)	100	22.6
A52151E	4 x 4 x 1½ (¾" KOs)	100	22.6
A521DE	4 x 4 x 1½ (½" & ¾" KOs)	100	22.6



4" Square — 30.3 Cu. In.

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A52171D	4 x 4 x 2¾ (½" KOs)	25	7.6
A52171E	4 x 4 x 2¾ (¾" KOs)	25	7.6
A5217DE	4 x 4 x 2¾ (½" & ¾" KOs)	25	7.6



Boxes and Accessories

ENT Box with Adapters

- UL Classified for 2-hour-or-less fire-resistant wall assemblies

4" Square — 24.75 Cu. In. ENT Box with Adapters

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A5329DE	4 x 4 x 1 3/4 (1/2" & 3/4" KOs)	50	14.8

UL Listed E42728



Box Back Wall Support

CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
A540DS	For use with 1/2" Knockout	100	2.1



ENT Box Extenders

- UL Classified for 2-hour-or-less fire-resistant wall assemblies

Single-Gang

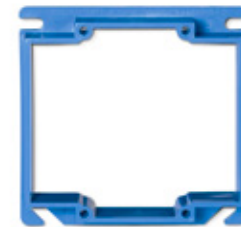
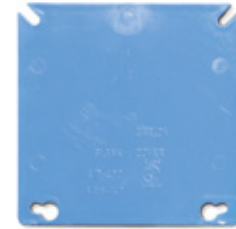
E42728

CAT. NO.	RISE (IN.)	CU. IN.	STD. CTN.	STD. WT. (LBS.)
A410	1/2	3.5	100	7.7
A411	3/8	4.2	50	4.6
A412	3/4	5.0	50	5.1
A413	1	6.6	40	5
A414	1 1/4	8.1	30	4.4



Two-Gang

CAT. NO.	RISE (IN.)	CU. IN.	STD. CTN.	STD. WT. (LBS.)
A400	Blank	—	100	7.7
A420	1/2	6.1	75	5.0
A421	3/8	7.4	50	4.2
A422	3/4	8.8	50	4.8



Request Info
1-800-453-1692
www.aboveboardelectronics.com

Boxes and Accessories

Round Covers for Octagon Ceiling Boxes

Round Plaster Rings

- Listed for fixture support up to 50 lbs.
- UL Classified for 2-hour-or-less fire-resistant assemblies



CAT. NO.	RISE (IN.)	CU. IN.	STD. CTN.	STD. WT. (LBS.)
A471	½	3.2	100	3.3
A472	¾	4.0	100	3.7



Round Blank Covers

CAT. NO.	RISE	CU. IN.	STD. CTN.	STD. WT. (LBS.)
E460R-CAR	Blank	—	35	2.2
A470D	Blank with ½" KO	—	100	4.7

Quick Connect 4" Octagon Ceiling Boxes

- Carlton® ceiling boxes and round plaster rings are produced from a special high heat-resistant engineered plastic material developed specifically for fixture support
- Listed for fixture support up to 50 lbs.
- UL Classified for 2-hour-or-less fire resistant floor/ceiling assemblies



Ceiling Box — 20.5 Cu. In.

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A615D	(4) 2½ Deep (½" KOs)	50	6.4
A615E	(4) 2½ Deep (¾" KOs)	50	6.4
A615DE	(4) 2½ Deep (½" & ¾" KOs)	50	6.4



Ceiling Box with J Mount — 20.5 Cu. In.

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A615DJ	(4) 2½ Deep (½" KOs)	50	18.7



Ceiling Box with L Bracket — 20.5 Cu. In.

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A615DL	(4) 2½ Deep (½" KOs)	50	6.4



Ceiling Box with Adjustable Hanger Bar — 20.5 Cu. In.

CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
A615DH	(4) 2½ Deep (½" KOs)	25	13.6

Adjust from 14¼" to 23¼"

Boxes and Accessories

PVC Conduit Cutters

Small Cutter

For fast, smooth field cuts of ½" through 1" Flex-Plus® Blue™ ENT.



CAT. NO.	SIZE (IN.)	STD. CTN.
CC120B	8	10

Medium Cutter

Handheld cutter makes fast, square, smooth field cuts on conduit from ½" through 1¼". Produces burr-free cut with no shavings. Fits into pocket or pouch.



CAT. NO.	SIZE (IN.)	STD. CTN.
CC125	9	12

Large Cutter

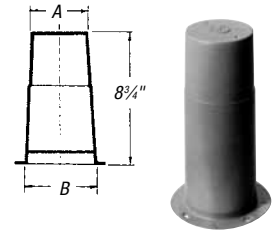
For clean cuts of conduit ½" through 2".



CAT. NO.	SIZE (IN.)	STD. CTN.
CC122	17½	1

Concrete Sleeves

Non-metallic concrete sleeve forms are the easy way to form holes in concrete. They install in seconds with nails, screws or staples and are easily removed. Concrete will not adhere to them. Concrete sleeves are adjustable to any slab thickness.



CAT. NO.	MIN. O.D. A (IN.)	B (IN.)	STD. CTN.	STD. WT. (LBS.)
E92CSH	1½	1¾	20	3
E92CSJ	2	2½	25	6
E92CSL	3	3½	25	8
E92CSN	4	4½	18	8
E92CSP	5	5½	15	8
E92CSR	6	6½	12	8

Tape

Prelubricated, woven polyester tape made from low-friction, high abrasion-resistant yarns, providing a low coefficient of friction. Tape is printed with sequential footage markings for accurate measurements.



CAT. NO.	SIZE (IN.)	TENSILE STRENGTH (LBS.)	REEL LENGTHS (FT.)
TL14505	½	1250	5000
TL14510	½	1250	10000
TL38203	¾	1800	3000
TL38265	¾	1800	6500
TL38210	¾	1800	10000

Other tapes are available. Consult your sales service location for additional information.

Carlon® Low VOC Cement

(MSDS sheets available at www.carlon.com)

All Weather — ENT Blue

RECOMMENDED PIPE APPLICATION AND SIZES	SET-UP TIME (EVAPORATION RATE)	RECOMMENDED INSTALLATION TEMP.	LAP SHEAR @ 73° F	VISCOSITY AT 75° F AS MANUFACTURED
Required for use with Flex-Plus® ENT (Electrical Non-Metallic Tubing), Riser-Gard®, P&C Flex™ and Carlon® PVC fittings. <i>Up through 6" diameter.</i>	-5°–10° F	6–8 Minutes	-5° to 100° F	2 Hrs. 350 PSI
	10°–30° F	4–5 Minutes		16 Hrs. 800 PSI
	30°–50° F	3–4 Minutes		72 Hrs. 1500 PSI
	50°–70° F	1–2 Minutes		
	70°–90° F	½–1½ Minutes		



ENT cement required for use with ENT and Rigid Non-Metallic Conduit Fittings.

CAT. NO.	SIZE	APPLICATOR	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
VC9992	Quart	Dauber	All-Weather "Quick-Set" Blue	12	29.0

Meets ASTM D-2564.

Flexible Raceway Systems

Carlton® Plenum-Gard® Raceway

Plenum-Gard® is a UL® Listed non-metallic corrugated flexible conduit for use in plenum, riser and general purpose applications. Plenum-Gard® is manufactured from PVDF resin, which is extremely durable and resistant to abrasion and mechanical damage before/after cable installation.

Plenum-Gard® is listed to UL® 2024 in accordance with the National Electrical Code® for plenum, riser, general purpose and other cabling/optical fiber/telecommunication applications as defined in Articles 725, 770, 800 and 820.

Important: Installed cables must be plenum rated and the UL® Listing must be printed on the product. Abandoned cables MUST be removed (reference NEC®).

Technical Info

UL STANDARD 2024	VALUE
Maximum Flame Propagation	5 ft.
Max. Peak Optical Smoke Density	0.5
Max. Average Optical Smoke Density	0.15

- Storage: -4° to 158° F
- Handling: -4° to 104° F
- No UV protection (not suitable for outdoor use)
- Do not store outside

Standard Stock — Reels

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	REEL SIZE (F X W) (IN.)	REEL TYPE	REEL LENGTH (FT.)	REEL WT.(LBS.)	REEL WT. PER 100 FT. (LBS.)
CD4X1C-1500	½	Orange	200 lb.	34 x 23	Wood	1,500	30	7
CE4X1-1000		Orange	Empty	34 x 23	Wood	1,000	30	8
CE4X1-1000S	¾	Orange	Empty/Split	34 x 23	Wood	1,000	30	8
CE4X1C-1000		Orange	900 lb.	34 x 23	Wood	1,000	30	8
CF4X1C-500		Orange	900 lb.	34 x 23	Wood	500	30	10
CF4X1C-1000		Orange	900 lb.	48 x 28	Wood	1,000	79	10
CF4X1C-1500	1	Orange	900 lb.	48 x 28	Wood	1,500	79	10
CF4X1C-5200		Orange	900 lb.	66 x 41	Wood	5,200	250	10
CF4X1C-6500		Orange	900 lb.	72 x 41	Wood	6,500	310	10
CF4X1C-8000		Orange	900 lb.	82 x 41	Wood	8,000	365	10
CG4X1C-500		Orange	900 lb.	48 x 28	Wood	500	79	14
CG4X1-500S		Orange	Empty/Split	48 x 28	Wood	500	79	10
CG4X1C-900		Orange	900 lb.	48 x 45	Wood	900	96	14
CG4X1C-1600	1¼	Orange	900 lb.	48 x 45	Wood	1,600	96	14
CG4X1C-3200		Orange	900 lb.	66 x 41	Wood	3,200	250	14
CG4X1C-6500		Orange	900 lb.	96 x 41	Wood	6,500	700	14
CG4X1-900S		Orange	Empty/Split	48 x 28	Wood	900	79	14
CH4X1C-350		Orange	900 lb.	48 x 28	Wood	350	79	16
CH4X1C-1200	1½	Orange	900 lb.	48 x 45	Wood	1,200	96	16
CH4X1C-4000		Orange	900 lb.	82 x 41	Wood	4,000	365	16
CJ4X1-200S		Orange	Empty/Split	48 x 28	Wood	200	79	21
CJ4X1C-225		Orange	900 lb.	48 x 28	Wood	225	79	21
CJ4X1C-700	2	Orange	900 lb.	48 x 45	Wood	700	96	21
CJ4X1C-1400		Orange	900 lb.	82 x 41	Wood	1,400	365	21
CJ4X1C-2000		Orange	900 lb.	82 x 41	Wood	2,000	365	21
CJ4X1C-2800		Orange	900 lb.	82 x 41	Wood	2,800	365	21
CL4X1C-150	3	Orange	900 lb.	48 x 45	Wood	150	96	41



Applications: Plenum, Riser and General Purpose

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



Boxes & Covers — Carlton® Electrical Non-Metallic Tubing (ENT) System

Flexible Raceway Systems

Carlon® Plenum-Gard® Raceway (continued)

Features:

- For use in plenum areas per NEC® Articles 725, 770, 800 and 820
- Sizes ½” through 3”
- Pre-installed pull tape available in sizes ½” through 3”
- Outside diameters meet IPS dimensions
- UL® Listed raceway meeting UL 2024
- Footage sequentially marked
- Single-peak design

Standard Stock — Coils

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	COIL LENGTH (FT.)	PRODUCT WT. PER 100 FT.(LBS.)
CD4X1C-500	½	Orange	900 lb.	500	7
CE4X1-350*	¾	Orange	Empty	350	8
CE4X1-350S		Orange	Empty/Split	350	8
CF4X1C-100*		Orange	900 lb.	100	10
CF4X1-100S*		Orange	Empty/Split	100	10
CF4X1C-250*	1	Orange	900 lb.	250	10
CF4X1-250		Orange	Empty	250	10
CF4X1-250S*		Orange	Empty/Split	250	10
CG4X1C-200*	1¼	Orange	900 lb.	200	14
CG4X1-200S		Orange	Empty/Split	200	14
CH4X1C-150*	1½	Orange	900 lb.	150	16
CH4X1-150S		Orange	Empty/Split	150	16
CJ4X1C-100*	2	Orange	900 lb.	100	21
CJ4X1-100S		Orange	Empty/Split	100	21

* Overnight Shippable

Specifications

SIZE (IN.)	I.D. MIN. REF. (IN.)	MIN. O.D. (IN.)	MAX. O.D. (IN.)	MIN. BEND RADIUS (IN.)
½	.60	.815	.835	2
¾	.74	1.025	1.045	2
1	1.00	1.292	1.312	3
1¼	1.35	1.630	1.650	3
1½	1.50	1.868	1.888	4
2	2.00	2.329	2.439	4
3	3.00	3.422	3.452	4

Custom Orders — How to Build a Part Number:

POSITION 1 PRODUCT	POSITION 2 SIZE (IN.)	POSITION 3 TYPE	POSITION 4 WALL	POSITION 5 COLOR	POSITION 6 PULL LINE	POSITION 7 LENGTH
C = Plenum-Gard	D = ½ E = ¾ F = 1 G = 1¼ H = 1½ J = 2 L = 3	4 = Corrugated	X = Standard	1 = Orange 2 = Black 3 = Gray 4 = White 5 = Blue 7 = Yellow 8 = Red	C = 900 LB. Tape	Example -1000 = Feet -1000S = 1000 Feet Split

- Custom orders are not returnable
- Custom lengths are available in minimum order quantities of 1,000 ft.
- Custom color runs are available in minimum order quantities of 10,000 ft.
- Options:**
 - Color: Black, Blue, Gray, Red, White and Yellow
 - Two-, three- or four-way parallel
 - Split duct
 - Custom print line

Flexible Raceway Systems

Carlton® Riser-Gard® Raceway

Riser-Gard® is a non-metallic flexible raceway for use in riser and general purpose applications. Riser-Gard® is UL® Listed and is available with tape pre-installed. Riser-Gard is listed to UL® 2024 Standard for riser applications or optical fiber/communications raceways.

Riser-Gard® is listed to UL® 2024 in accordance with the National Electrical Code® per Articles 725, 770, 800 and 820 for riser, general purpose and other cabling/optical fiber/telecommunication applications. Riser-Gard® is suitable for use in vertical runs in a shaft or between floors, as well as areas other than the plenum.

Important: Installed cables must be of suitable rating for the application.



Applications: Riser and General Purpose

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



Technical Info

UL LISTED TO 2024	TEST METHOD	MAXIMUM VALUE
Maximum Flame Propagation	UL 2024	6.0 ft.
Maximum Air Temperature at 12 ft.	UL 2024	372° F

- Storage: -4° to 158° F
- Handling: -4° to 104° F
- No UV protection (not suitable for outdoor use)
- Do not store outside

Standard Stock — Reels

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	REEL SIZE (F X W) (IN.)	REEL TYPE	REEL LENGTH (FT.)	REEL WT.(LBS.)	REEL WT. PER 100 FT. (LBS.)
DE4X1-1000	¾	Orange	Empty	34 x 23	W	1,000	30	12
DF4X1C-500R		Orange	900 lb.	43 x 23	W	500	56	15
DF4X1C-1000		Orange	900 lb.	48 x 28	W	1,000	79	15
DF4X1C-1500		Orange	900 lb.	48 x 28	W	1,500	79	15
DF4X1C-2700	1	Orange	900 lb.	48 x 45	W	2,700	96	15
DF4X1C-5200		Orange	900 lb.	66 x 41	W	5,200	250	15
DF4X1C-6500		Orange	900 lb.	72 x 41	W	6,500	310	15
DF4X1C-7000		Orange	900 lb.	72 x 45	S	7,000	148	15
DF4X1C-9400		Orange	900 lb.	84 x 45	S	9,400	199	15
DG4X1C-900		Orange	900 lb.	48 x 28	W	900	79	17
DG4X1C-500R		Orange	900 lb.	48 x 23	W	500	56	17
DG4X1C-1500		Orange	900 lb.	48 x 45	W	1,500	96	17
DG4X1C-1600	1¼	Orange	900 lb.	48 x 45	W	1,600	96	17
DG4X1C-3200		Orange	900 lb.	66 x 41	W	3,200	250	17
DG4X1C-4500		Orange	900 lb.	72 x 45	S	4,500	148	17
DG4X1C-5600		Orange	900 lb.	82 x 41	W	5,600	365	17
DG4X1C-6500		Orange	900 lb.	96 x 41	S	6,500	700	17
DH4X1C-1200		Orange	900 lb.	48 x 45	W	1,200	96	22
DH4X1C-4000	1½	Orange	900 lb.	82 x 45	S	400	193	22
DH4X1C-4500		Orange	900 lb.	84 x 45	S	4,500	199	22
DJ4X1C-700		Orange	900 lb.	48 x 45	W	700	96	27
DJ4X1C-2000	2	Orange	900 lb.	82 x 41	W	200	265	27
DJ4X1C-2800		Orange	900 lb.	84 x 45	S	2,800	199	27
DL4X1C-750	3	Orange	900 lb.	72 x 41	W	750	310	27

W = Wood

S = Steel

Flexible Raceway Systems

Carlon® Riser-Gard® Raceway (continued)

Features:

- For use in riser and general purpose areas per NEC® Articles 725, 770, 800 and 820
- Riser-Gard® is also suitable for direct burial, not approved for exposed applications
- UL® Listed raceway meeting UL 2024
- Available in sizes ¾" through 3"
- Pull tape can be factory pre-installed in 1" through 3"
- Outside diameters meet IPS dimensions
- Footage sequentially marked

Note: UL has not evaluated Riser-Gard® for this application.

Standard Stock — Coils

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	COIL LENGTH (FT.)	PRODUCT WT. PER 100 FT.(LBS.)
DE4X1-350*	¾	Orange	Empty	350	12
DF4X1C-125		Orange	900 lb.	125	15
DF4X1C-250*		Orange	900 lb.	250	15
DF4X1-250	1	Orange	Empty	250	15
DF4X1C-500		Orange	900 lb.	500	15
DF4X1-250S*		Orange	Empty/Split	250	15
DG4X1-200		Orange	Empty	200	17
DG4X1-200S*	1¼	Orange	Empty/Split	200	17
DG4X1C-200*		Orange	900 lb.	200	17
DG4X1C-500		Orange	900 lb.	500	17
DH4X1-150S	1½	Orange	Empty/Split	150	22
DH4X1C-150*		Orange	900 lb.	150	22
DJ4X1-100S	2	Orange	Empty/Split	100	27
DJ4X1C-100*		Orange	900 lb.	100	27
DL4X1C-250	3	Orange	900 lb.	250	27

* Overnight Shippable

Specifications

SIZE (IN.)	I.D. MIN. REF. (IN.)	MIN. O.D. (IN.)	MAX. O.D. (IN.)	MIN. BEND RADIUS (IN.)
¾	.74	1.025	1.075	5
1	.98	1.290	1.340	6
1¼	1.31	1.640	1.690	8
1½	1.54	1.880	1.930	10
2	2.00	2.350	2.400	12
3	3.00	3.422	3.452	18

Custom Orders — How to Build a Part Number:

POSITION 1 PRODUCT	POSITION 2 SIZE (IN.)	POSITION 3 TYPE	POSITION 4 WALL	POSITION 5 COLOR	POSITION 6 PULL LINE	POSITION 7 LENGTH
D = Riser-Gard	E = ¾ F = 1 G = 1¼ H = 1½ J = 2 L = 3	4 = Corrugated	X = Standard	1 = Orange 2 = Black 3 = Gray 4 = White 5 = Blue 7 = Yellow 8 = RED	C = 900 lb. Tape	Example -1000 = Feet -1000S = 1000 Feet Split

- Custom orders are not returnable
- Custom lengths are available in minimum order quantities of 1,000 ft.
- Custom color runs are available in minimum order quantities of 10,000 ft.
- Options:**
 - Color: Black, Blue, Gray, Red, White and Yellow
 - Two-, three- or four-way parallel
 - Split duct
 - Custom print line

Flexible Raceway Systems

Carlton® Hal-Free Riser-Gard® Raceway

Hal-Free Riser-Gard® is a halogen-free non-metallic flexible raceway for use in riser and general purpose applications. In the event of a fire, this product will not release halogen elements into the air, which makes it ideal for applications in tunnels, laboratories and high-tech environments. Hal-Free Riser-Gard® is listed to UL® 2024 in accordance with NEC® Articles 725, 770, 800 and 820. Custom lengths and split ducts are available upon request. Hal-Free Riser-Gard® is available in white only.

Features:

- Free from halogen elements
- Compliant with NEC® Articles 725, 770, 800 and 820
- Available in sizes 1" through 2"
- Available in white only
- Sequentially marked footage



Applications: Riser and General Purpose

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Technical Info

UL LISTED TO 2024	TEST METHOD	MAXIMUM VALUE
Maximum Flame Propagation	UL 2024	3' 6" ft.
Maximum Air Temperature	UL 2024	387° F

- Storage and Handling: -4° to 150° F
- No UV protection (not suitable for outdoor use)
- Do not store outside



Standard Stock — Reels

CAT. NO.	SIZE (IN.)	COLOR	NOM. I.D. (IN.)	NOM. O.D. (IN.)	PULL TAPE	REEL SIZE (F X W) (IN.)	REEL TYPE	REEL LENGTH (FT.)	REEL WT. (LBS.)	PRODUCT WT. PER 100 FT. (LBS.)
HF4X4C-5000	1	White	1.049	1.365	900 lb.	72" x 41"	W	5,000	310	7.5
HG4X4C-4000	1¼	White	1.250	1.550	900 lb.	72" x 41"	W	4,000	310	7.5
HH4X4C-2000	1½	White	1.500	1.850	900 lb.	66" x 41"	W	2,000	250	12
HJ4X4C-2000	2	White	2.000	2.425	900 lb.	82" x 41"	W	2,000	365	21

Custom Orders — How to Build a Part Number:

POSITION 1 PRODUCT	POSITION 2 SIZE (IN.)	POSITION 3 TYPE	POSITION 4 WALL	POSITION 5 COLOR	POSITION 6 PULL LINE	POSITION 7 LENGTH
H = Hal-Free	F = 1 G = 1¼ H = 1½ J = 2	4 = Corrugated	X = Standard	4 = White	C = 900 lb. Tape	Example -1000 = Feet -1000S = 1000 Feet Split

- Custom orders are not returnable
- Custom lengths are available in minimum order quantities of 1,000 ft.



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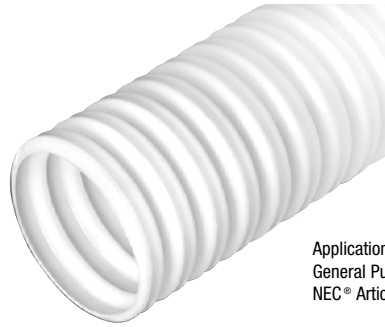
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Flexible Raceway Systems

Carlon® Plenum Duct

Technical Info:

- Maximum flame propagation distance is less than 5.0 ft.
- Peak optical density of smoke is less than 0.50
- Average optical density of smoke is less than 0.15
- UL® Listed to UL 2024 Standard
- FT-6 Rated



Applications: Plenum, Riser and General Purpose Applications per NEC® Articles 725, 770, 800 and 820

Standard Stock — Reels

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	REEL SIZE (IN.)	REEL LENGTH (FT.)	REEL WT. (LBS.)	PRODUCT WT. PER 100 FT. (LBS.)
PLM100T-500	1	White	900 lb.	34 x 23	500	30	10
PLM100T-1800		White	900 lb.	48 x 28	1,800	79	10
PLM100T-5000		White	900 lb.	72 x 41	5,000	310	10
PLM100T-8000		White	900 lb.	82 x 41	8,000	365	10
PLM125T-500	1¼	White	900 lb.	34 x 23	500	30	14
PLM125T-1000		White	900 lb.	48 x 30	1,000	83	14
PLM125T-5000		White	900 lb.	72 x 41	5,000	310	14
PLM125T-6000		White	900 lb.	82 x 41	6,000	365	14
PLM150T-2000	1½	White	900 lb.	66 x 41	2,000	250	14
PLM150T-4000		White	900 lb.	82 x 41	4,000	365	14
PLM200T-2000	2	White	900 lb.	82 x 41	2,000	365	21

Standard Stock — Coils/Box

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	BOX SIZE (IN.)	COIL LENGTH (FT.)	PRODUCT WT. PER 100 FT. (LBS.)
PLM100T-250B2	1	White	900 lb.	34 x 14 x 34	250	10
PLM125T-250B4	1¼	White	900 lb.	39 x 15 x 39	250	14

Specifications

SIZE	I.D. MIN. REF.	MIN. O.D.	MAX. O.D.	MIN. BEND RADIUS
½	.60	.815	.835	2
¾	.74	1.025	1.045	2
1	1.00	1.292	1.312	3
1¼	1.35	1.630	1.650	3
1½	1.50	1.868	1.888	4
2	2.00	2.329	2.439	4

Custom Orders — How to Build a Part Number:

POSITION 1 PRODUCT	POSITION 2 SIZE (IN.)	POSITION 3 PULL LINE	POSITION 4 LENGTH
PLM = PLENUM	100 = 1 125 = 1¼ 150 = 1½ 200 = 2	T = 900 lb. Tape	Example -1000 = Feet

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



1-800-453-1692

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Flexible Raceway Systems

Carlton® Riser Duct

Technical Info:

- Maximum flame propagation: 6.0 ft. max. value
- Do not store outside
- No UV protection
- UL® Listed to UL 2024
- FT-4 Rated



Applications: Riser and General Purpose Applications per NEC® Articles 725, 770, 800 and 820. Suitable for vertical runs in a shaft or between floors.

Standard Stock — Reels

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	REEL SIZE (IN.)	REEL LENGTH (FT.)	REEL WT. (LBS.)	PRODUCT WT. PER 100 FT. (LBS.)
RIS100T-5000	1	Orange	900 lb.	66 x 41	5,000	250	15
RIS125T-4000	1¼	Orange	900 lb.	72 x 41	4,000	310	17
RIS150T-2000	1½	Orange	900 lb.	66 x 41	2,000	250	22
RIS200T-2000	2	Orange	900 lb.	66 x 41	2,000	250	27

Specifications

SIZE (IN.)	I.D. MIN. REF. (IN.)	MIN. O.D. (IN.)	MAX. O.D. (IN.)	MIN. BEND RADIUS (IN.)
¾	.74	1.025	1.075	6
1	.98	1.290	1.340	6
1¼	1.31	1.640	1.690	7
1½	1.54	1.880	1.930	8¼
2	2.00	2.350	2.400	9½

Custom Orders — How to Build a Part Number:

POSITION 1 PRODUCT	POSITION 2 SIZE (IN.)	POSITION 3 PULL LINE	POSITION 4 LENGTH
RIS = Riser	100 = 1 125 = 1¼ 150 = 1½ 200 = 2	T = 900 lb. Tape	Example -1000 = Feet

Carlton® Hal-Free Riser Duct

Technical Info:

- Maximum flame propagation: 6.0 ft. max. value
- Do not store outside
- No UV protection
- UL® Listed to UL 2024 Standard
- FT-4 Rated



Applications: Riser and General Purpose Applications per NEC Articles 725, 770, 800 and 820.

Standard Stock — Reels

CAT. NO.	SIZE (IN.)	COLOR	PULL TAPE	REEL SIZE (IN.)	REEL LENGTH (FT.)	REEL WT. (LBS.)	PRODUCT WT. PER 100 FT. (LBS.)
RHF100T-5000	1	White	900 lb.	66 x 41	5,000	250	15
RHF125T-4000	1¼	White	900 lb.	72 x 41	4,000	310	17
RHF150T-2000	1½	White	900 lb.	66 x 41	2,000	250	22
RHF200T-2000	2	White	900 lb.	82 x 41	2,000	365	27

Specifications

SIZE (IN.)	I.D. MIN. REF. (IN.)	MIN. O.D. (IN.)	MAX. O.D. (IN.)	MIN. BEND RADIUS (IN.)
¾	.74	1.025	1.075	6
1	.98	1.290	1.340	6
1¼	1.31	1.640	1.690	7
1½	1.54	1.880	1.930	8¼
2	2.00	2.350	2.400	9½

Custom Orders — How to Build a Part Number:

POSITION 1 PRODUCT	POSITION 2 SIZE (IN.)	POSITION 3 PULL LINE	POSITION 4 LENGTH
RHF = Hal-Free Riser	100 = 1 125 = 1¼ 150 = 1½ 200 = 2	T = 900 lb. Tape	Example -1000 = Feet

Flexible Raceway Systems

Small. Slick. Speedy. Ideal for Telecom Installs!

Carlon® Micro-Gard® Plenum and Micro-Gard® Riser Duct

Carlon® Micro-Gard® Plenum and Micro-Gard® Riser is specifically designed to provide fiber pathways in plenum and riser applications in Multi-Dwelling Units (MDUs) and other premise structures.

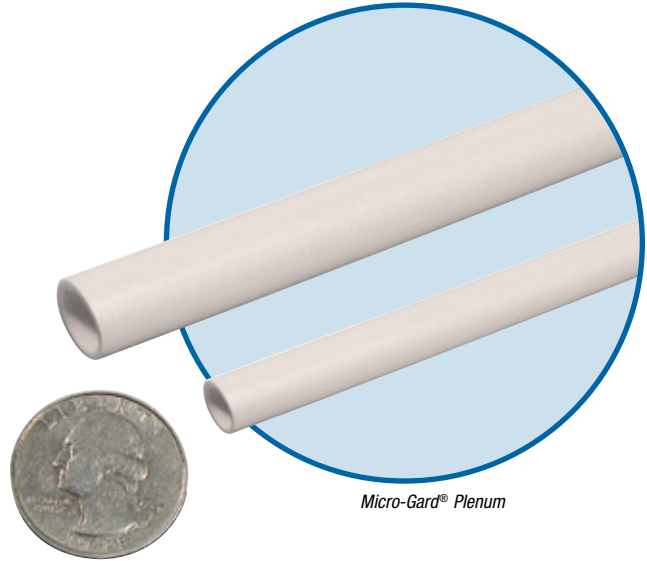
The 8/6 and 12/10 mm size conduits can be installed individually or used to optimize space in existing duct structures. And the small size significantly reduces the structural damage caused during pass-throughs.

Micro-Gard® Plenum and Riser is UL® Listed for plenum and riser applications. It's easy to handle, easy to install and easy to conceal, making it the ideal MDU cable management system.

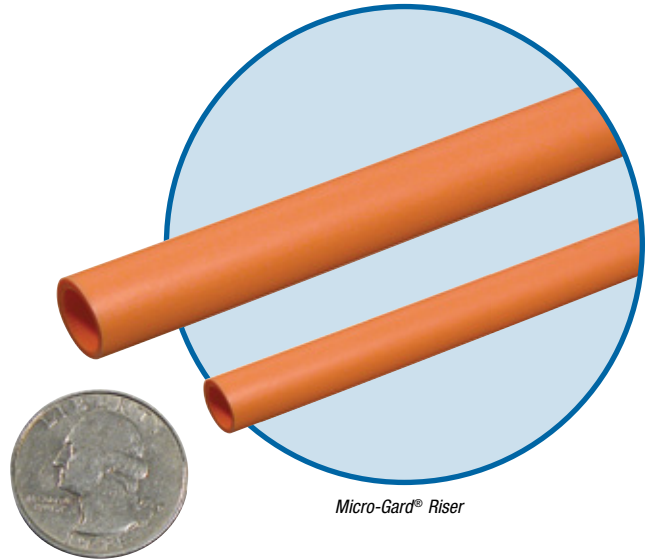
Features:

- UL® and cUL Listed to UL 2024 for plenum and riser applications
- Compliant with NEC® Articles 725, 770, 800 and 820
- Two sizes: 8/6mm and 12/10mm. The smaller sizes accommodate the size constraints of multi-dwelling units and make installations faster and easier
- Smooth interior wall eliminates snag points and provides low coefficient of friction, regardless of whether jetting or pull-tape is used
- Superior burn-through resistance for longer cable pulls
- Pre-lubricated, factory installed pull-tape makes installing cable faster and easier (option available for empty duct)
- Sequentially marked footage to easily identify lengths and reduce waste
- Reel sizes from 1,000 to 5,000 feet for easy handling on the jobsite
- Future-proofing raceway system for fast, easy wire/cable upgrades, changes and moves
- Used in cable bundles

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.



Micro-Gard® Plenum



Micro-Gard® Riser



Flexible Raceway Systems

Carlton® Micro-Gard® Plenum and Micro-Gard® Riser

CAT NO.	SIZE	TYPE	COLOR	FACTORY INSTALLED	PRE-LUBRICATED RADIUS (IN.)*	MIN. BEND FEET/REEL	REEL SIZE (IN.)
MGP08MT-1000	8/6 mm	Plenum	White	50 lb. Cord	2	1,000	24
MGP08MT-2500	8/6 mm	Plenum	White	50 lb. Cord	2	2,500	24
MGP08MT-5000	8/6 mm	Plenum	White	50 lb. Cord	2	5,000	36
MGP12MT-1000	12/10 mm	Plenum	White	50 lb. Cord	4	1,000	24
MGP12MT-2500	12/10 mm	Plenum	White	50 lb. Cord	4	2,500	24
MGP12MT-5000	12/10 mm	Plenum	White	50 lb. Cord	4	5,000	36
MGR08JT-1000	8/6 mm	Riser	Orange	50 lb. Cord	2	1,000	24
MGR08JT-2500	8/6 mm	Riser	Orange	50 lb. Cord	2	2,500	24
MGR08JT-5000	8/6 mm	Riser	Orange	50 lb. Cord	2	5,000	36
MGR12JT-1000	12/10 mm	Riser	Orange	50 lb. Cord	4	1,000	24
MGR12JT-2500	12/10 mm	Riser	Orange	50 lb. Cord	4	2,500	24
MGR12JT-5000	12/10 mm	Riser	Orange	50 lb. Cord	4	5,000	36

*NOTE: Do not exceed the minimum bend radius during installation of the product.

Micro-Gard® Plenum Dimensions — Smooth O.D./Ribbed I.D.

CAT. NO.	OUTSIDE DIAMETER		WALL		INSIDE DIA. (MIN.)			STD. WT. (LB./100 FT.)
	INCH	MM	INCH	MM	INCH	MM	# RIBS	
MGP12RMT	.472 +/- .004	12 +/- .1	.047 +0/- .004	1 +0/- .1	.354	8.9	26	4.92
MGP08RMT	.315 +/- .004	8 +/- .1	.040 +0/- .004	1 +0/- .1	.212	5.4	16	2.68

Micro-Gard® Riser Dimensions — Smooth O.D./Ribbed I.D.

CAT. NO.	OUTSIDE DIAMETER		WALL		INSIDE DIA. (MIN.)			STD. WT. (LB./100 FT.)
	INCH	MM	INCH	MM	INCH	MM	# RIBS	
MGR12RJT	.472 +/- .004	12 +/- .1	.047 +0/- .004	1 +0/- .1	.354	8.9	26	2.86
MGR08RJT	.315 +/- .004	8 +/- .1	.040 +0/- .004	1 +0/- .1	.212	5.4	16	1.55

How to Interpret a Catalog Number

POSITION 1 PRODUCT	POSITION 2 TYPE	POSITION 3 SIZE	POSITION 4 COLOR	POSITION 5 PULL LINE	POSITION 6 LENGTH
MG = Micro-Gard	P = Plenum R = Riser	08 = 8/6mm 12 = 12/10mm	J = Orange M = White	T = 50 lb. Cord	Example -1000 = Feet



1-800-453-1692

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Flexible Raceway System Accessories

For use with Riser-Gard® and General Purpose Non-Metallic Adapters and Couplings



Couplings

CAT. NO.	SIZE (IN.)	COLOR	STD. CTN.	STD. WT. (LBS.)
SCA240E	¾	Orange	25	.783
SCA240F	1	Orange	20	.972



Threaded Adapters

CAT. NO.	SIZE (IN.)	COLOR	STD. CTN.	STD. WT. (LBS.)
SCA243E	¾	Orange	100	2.30
SCA243F	1	Orange	50	2.00



Snap-In Adapters

CAT. NO.	SIZE (IN.)	COLOR	STD. CTN.	STD. WT. (LBS.)
SCA253E	¾	Orange	100	2.90
SCA253F	1	Orange	50	2.30



For use with Plenum-Gard® Non-Metallic Adapters and Couplings



Couplings

CAT. NO.	SIZE (IN.)	COLOR	STD. CTN.	STD. WT. (LBS.)
A340F	1	Orange	50	2.50



Threaded Adapters

CAT. NO.	SIZE (IN.)	COLOR	STD. CTN.	STD. WT. (LBS.)
A343F	1	Orange	50	1.55



Snap-In Adapters

CAT. NO.	SIZE (IN.)	COLOR	STD. CTN.	STD. WT. (LBS.)
A353F	1	Orange	50	3.00



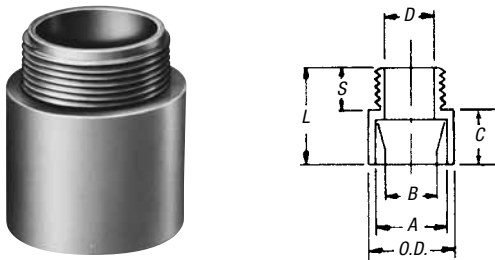
Flexible Raceway System Accessories

For use with Riser-Gard® and General Purpose



Non-Metallic Male Terminal Adapters

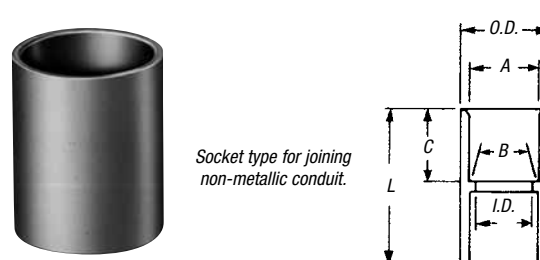
For adapting non-metallic conduits to boxes, threaded fittings, metallic systems. Male threads on one end, socket end on other.



CAT. NO.	SIZE (IN.)	STD. CTN.	COLOR	DIMENSIONS (IN.)					STD. WT. (LBS.)		
				TYPICAL		MIN.	MAX.	TYPICAL			
				A	B	D	O.D.	C	T	L	
E943E	3/4	125	Gray	1.064	1.046	.800	1 1/32	3/4	5/16	1 1/2	3.5
E943F	1	50	Gray	1.330	1.310	1.018	1 1/8	1	1 1/16	1 5/8	3
E943G	1 1/4	50	Gray	1.677	1.655	1.332	2 1/32	1	3/4	1 15/16	4
E943H	1 1/2	25	Gray	1.918	1.894	1.566	2 5/32	1 3/16	3/4	2 1/16	2.5
E943J	2	50	Gray	2.393	2.369	2.000	2 1/2	1 3/16	3/4	2 1/2	7
SCE943G	1 1/4	50	Orange	1.677	1.655	1.332	2 1/32	1	3/4	1 15/16	4
SCE943H	1 1/2	25	Orange	1.918	1.894	1.566	2 5/32	1 3/16	3/4	2 1/16	2.5
SCE943J	2	50	Orange	2.393	2.369	2.000	2 1/2	1 3/16	3/4	2 1/2	7

Non-Metallic Standard Couplings

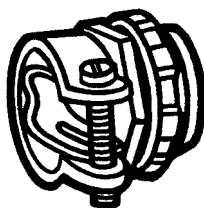
All socket fittings should be attached Using Carlon® solvent cement. Using Carlon® fittings with Carlon® non-metallic conduit ensures system integrity.



CAT. NO.	SIZE (IN.)	STD. CTN.	COLOR	DIMENSIONS (IN.)					STD. WT. (LBS.)	
				TYPICAL		MAX.	TYPICAL			
				A	B	MIN. D	O.D.	C	L	
E940E	3/4	100	Gray	1.064	1.046	.840	1 1/16	3/4	1 1/8	4.4
E940F	1	50	Gray	1.330	1.310	1.210	1 1/8	1 1/16	2	3.5
E940G	1 1/4	30	Gray	1.677	1.655	1.535	1 5/8	1	2 1/8	3.5
E940H	1 1/2	25	Gray	1.918	1.894	1.755	2 1/4	1 1/8	2 3/8	3.9
E940J	2	30	Gray	2.393	2.369	2.190	2 3/4	1 3/8	2 1/2	5.25
SCE940G	1 1/4	30	Orange	1.677	1.655	1.535	1 5/8	1	2 1/8	3.5
SCE940H	1 1/2	25	Orange	1.918	1.894	1.755	2 1/4	1 1/8	2 3/8	3.9
SCE940J	2	30	Orange	2.393	2.369	2.190	2 3/4	1 3/8	2 1/2	5.25

For use with Plenum-Gard®

Metallic Terminal Adapter



CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ 255	3/4	10	12
▶ 256	1	100	25
▶ 257	1 1/4	100	28
▶ 258	1 1/2	100	35
▶ 259	2	50	19

Flat Sealing Washer

Where a waterproof termination is required into any enclosure (metallic or non-metallic), install the neoprene washer over the threads of a terminal adapter before inserting into the enclosure. Use a standard locknut or threaded bushing to secure the assembly.



CAT. NO.	SIZE (IN.)	STD. CTN.	STD. WT. (LBS.)
▶ E943EW	3/4	125	.45
▶ E943FW	1	100	.46
▶ E943GW	1 1/4	50	.44
▶ E943HW	1 1/2	50	.45
▶ E943JW	2	25	.42



1-800-453-1692

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Flexible Raceway System Accessories

Low-Voltage Boxes and Brackets

Dual-Voltage Box/Bracket*



CAT. NO.	COVER	VOLUME	STD. CTN.	STD. WT. (LBS.)
SC200DV	1-Gang	20.5 cu. in	16	6.4

*U.S. Patent D463,376.



SC100SC



SC200DV

Low-Voltage Add-On Bracket*



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
SC100SC	1-Gang	24	2.3

*U.S. Patent D459,312.
U.S. Patent 6,710,245.
U.S. Patent 6,872,884.



SC100ADJC

Low-Voltage Adjustable Brackets*



CAT. NO.	SIZE	STD. CTN.	STD. WT. (LBS.)
SC100ADJC	1-Gang	24	7.5
SC200ADJC	2-Gang	20	6.9

*U.S. Patent 5,289,934.



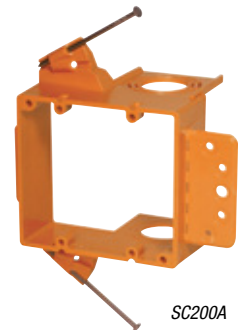
SC100A

Low-Voltage Brackets*

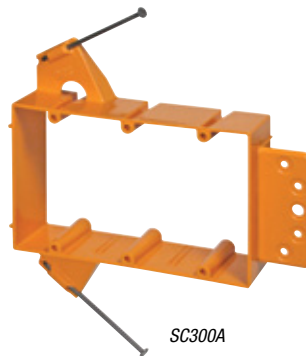


CAT. NO.	SIZE	RESI-RINGS	STD. CTN.	STD. WT. (LBS.)
SC100A	1-Gang	¾, 1, 1¼	24	5.3
SC200A	2-Gang	¾, 1, 1¼	24	7.7
SC300A	3-Gang	—	5	1.6

*U.S. Patent D457,140.
U.S. Patent D462,664.
U.S. Patent 6,812,405.



SC200A



SC300A

For other Carlton® Flexible Raceway System Accessories, refer to the following pages:

- Mud Box Assemblies — p. A-330
- Mud Boxes and Covers — p. A-335
- Quick-Connect Outlet and Switch Boxes — p. A-335
- ENT Box and Extenders — p. A-336
- Octagon Ceiling Boxes and Covers — p. A-337
- Cutting Tools — p. A-338

Flexible Raceway System Accessories

Carlton® Low-VOC Cements

*Meets ASTM D2564

Medium — Clear

RECOMMENDED PIPE APPLICATION AND SIZES	SET-UP TIME (EVAPORATION RATE)		RECOMMENDED INSTALLATION TEMP.	LAP SHEAR @ 73° F	VISCOSITY AT 75° AS MANUFACTURED
Recommended for all grades and types of Carlton® wireway and fittings, except Flex-Plus® Blue™ ENT (Electrical Non-Metallic Tubing.)	10°–30° F	Not recommended	40° to 100° F	2 hrs. 350 psi	500–900 cps
	30°–50° F	5–6 minutes		16 hrs. 800 psi	
	50°–70° F	3–4 minutes		72 hrs. 1,500 psi	
	70°–90° F	1–2 minutes			

Up through 6" diameter.

CAT. NO.	SIZE	APPLICATOR	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
VC9963	Pint	Dauber	PVC Medium Clear	24	29.0
VC9962	Quart	Dauber	PVC Medium Clear	12	27.5
VC9961P	Gallon	—	PVC Medium Clear	6	53.5

Meets ASTM D-2564.



Regular — Clear

RECOMMENDED PIPE APPLICATION AND SIZES	SET-UP TIME (EVAPORATION RATE)		RECOMMENDED INSTALLATION TEMP.	LAP SHEAR @ 73° F	VISCOSITY AT 75° AS MANUFACTURED
Recommended for all grades and types of Carlton® wireway and fittings, except Flex-Plus® Blue™ ENT (Electrical Non-Metallic Tubing.)	10°–30° F	Not recommended	40° to 100° F	2 hrs. 350 psi	500–900 cps
	30°–50° F	5–6 minutes		16 hrs. 800 psi	
	50°–70° F	3–4 minutes		72 hrs. 1,500 psi	
	70°–90° F	1–2 minutes			

Up through 6" diameter.

CAT. NO.	SIZE	APPLICATOR	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
VC9964	½ Pint	Dauber	PVC Regular Clear	10	6.5

Meets ASTM D-2564.



Request Info



1-800-453-1692

www.aboveboardelectronics.com

Flexible Raceway System Accessories

Carlon® Low-VOC Cements (*continued*)

All Weather — Clear

RECOMMENDED PIPE APPLICATION AND SIZES	SET-UP TIME (EVAPORATION RATE)		RECOMMENDED INSTALLATION TEMP.	LAP SHEAR @ 73° F		VISCOSITY AT 75° AS MANUFACTURED
Recommended for all grades and types of Carlon® wireway and fittings, except Flex-Plus® Blue™ ENT (Electrical Non-Metallic Tubing.) <i>Up through 6" diameter.</i>	-5°-10° F	6-8 Minutes	-5° to 100° F	2 Hrs.	350 PSI	400-700 CPS
	10°-30° F	4-5 Minutes		16 Hrs.	800 PSI	
	30°-50° F	3-4 Minutes		72 Hrs.	1,500 PSI	
	50°-70° F	1-2 Minutes				
	70°-90° F	½-1½ Minutes				

CAT. NO.	SIZE	APPLICATOR	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
VC9984	½ Pint	Dauber	All Weather "Quick-Set" Cement	10	7.0
VC9983	Pint	Dauber	All Weather "Quick-Set" Cement	24	30.0
VC9982	Quart	Dauber	All Weather "Quick-Set" Cement	12	29.0
VC9981P	Gallon	—	All Weather "Quick-Set" Cement	6	54.0

Meets ASTM D-2564.



Gray

RECOMMENDED PIPE APPLICATION AND SIZES	SET-UP TIME (EVAPORATION RATE)		RECOMMENDED INSTALLATION TEMP.	LAP SHEAR @ 73° F	VISCOSITY AT 75° AS MANUFACTURED
Recommended for all grades and types of Carlon® wireway and fittings, except Flex-Plus® Blue™ ENT (Electrical Non-Metallic Tubing.) <i>Up through 6" diameter.</i>	10°-30°F	Not recommended	40° to 100°F	2 hrs. 350 psi	500-900 cps
	30°-50°F	5-6 minutes		16 hrs. 800 psi	
	50°-70°F	3-4 minutes		72 hrs. 1,500 psi	
	70°-90°F	1-2 minutes			

VOC emission of 490 grams/liter per the Bay and South Coast test method.

CAT. NO.	SIZE	APPLICATOR	DESCRIPTION	STD. CTN.	STD. WT. (LBS.)
VC9LV4-24	½ Pint	Dauber	Low VOC Gray	24	15.5
VC9LV3	Pint	Dauber	Low VOC Gray	24	27.0
VC9LV2	Quart	Dauber	Low VOC Gray	12	26.0

Meets ASTM D-2564.

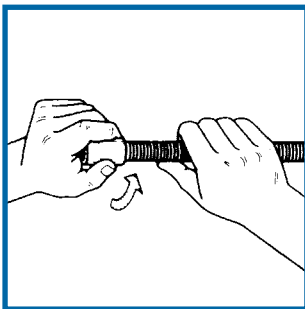
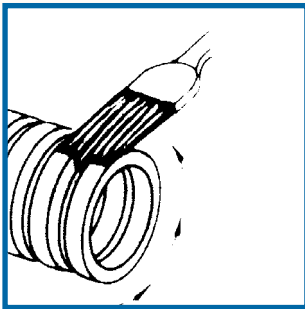


Request Info
1-800-453-1692
www.aboveboardelectronics.com

Technical Information

Concrete Encasement Guidelines for Carlton® ENT

1. Cut ENT square and clean.
2. Insert end into fitting, making sure two (2) full corrugations are snapped into fitting beyond flexible tabs (2 clicks).
3. ENT should be tied to rebar at 2–3 foot intervals to prevent flotation. Keep ENT straight. Small deflections over a long run may accumulate significant degrees of bend that will affect conductor installation. Suitable materials include wire, tie wraps and tape.
4. When using rigid non-metallic conduit fittings for concrete tight performance:



- A. Do not use chemical primer or cleaner.
- B. Use a brush to apply a light, uniform coat of cement labeled for use with ENT on the coupling and ENT.
- C. Do not use a dauber.
- D. Brush excess cement out of ENT grooves.
- E. Promptly insert ENT into fitting while cement is wet, until the stop is reached, and give a quarter turn.
- F. Do not disturb until joint is set.

NEC and National Electrical Code are registered trademarks of the National Fire Protection Association, Inc.

Specifications:

- 1.1 Electrical Non-Metallic Tubing (ENT) is designed to replace EMT, flexible metal conduit or other raceway or cable systems, for installation in accordance with Article 362 of the National Electrical Code® Section 12-1500 of the CEC, other applicable sections of the Code and local codes.
- 1.2 Any ENT used shall be listed to the requirements of UL Standard UL 1653 in accordance with Article 362 of the NEC® and Section 12-1500 of the CEC.
- 1.3 Any ENT used shall meet the requirements of BI National Standard CAN/CSA-C22.2 No. 227.1-UL1653 and shall be Listed/Certified in accordance to the Electrical Codes.
- 1.4 Carlton's® ENT shall be installed per the technical assessment prepared by fire cause analysis for use in 1-hour and 2-hour rated construction.
- 1.5 Penetration of fire-rated walls, floors or ceilings shall use Classified Through-Penetration Firestop Systems described in the current Underwriters Laboratories Fire Resistance Directory.
- 1.6 Fittings and outlet boxes designed for use with ENT shall be listed. All fittings, boxes and accessories shall be from one manufacturer.
- 1.7 Only Carlton® ENT Blue™ cement recommended specifically for use with ENT and rigid non-metallic fittings shall be used.
- 1.8 Unless indicated differently on drawings, ENT systems shall be color coded: BLUE for branch and feeder circuit wiring, YELLOW for communications and RED for fire alarm and emergency systems, or colors can designate different voltages.
- 1.9 ENT, fittings and accessories shall be manufactured by Carlton®.

Features:

- Recognized for use with PVC rigid non-metallic conduit fittings with all sizes of ENT
- ENT rated for 90° C conductors U.S., and 75° C Canada
- One-piece ENT Coupling, Threaded Terminator and RNC Transition Fitting are rated concrete tight without tape
- Recognized for use in 2-hour fire-resistive nonload-bearing and load-bearing wall assemblies
- Recognized for use in 1-hour fire-resistive nonload-bearing wall assemblies
- Recognized for use in a fire-resistive ceiling assembly (up to three hours)
- Recognized for Through-Penetration Firestop systems as classified by UL to meet ICC building codes.
- Conductors easily push through the raceway (up to approximately 50 feet)*
- For use in buildings in accordance with NEC® Article 362/CEC Section 12-1500
- Outside Diameters meet IPS Dimensions
- Storage -4° F to 158° F
- Handling -4° F to 104° F

Continued on next page

Technical Information

Continued from previous page

Approved Uses:

- Concrete slab — NEC® Article 362/CEC Section 12-1500
- Walls — wood stud, masonry and metal stud — NEC® Article 362/CEC Section 12-1500
- Ceilings — permanent or dropped (free air only) — NEC® Article 362/CEC Section 12-1500
- Exposed — NEC® Article 362/CEC Section 12-1500
- Public assembly — NEC® Section 518.4, in non-fire rated and certain fire rated structures
- Prewired — NEC® Article 362/CEC Section 12-1500
- Classified by UL 1479 for Through Penetration Firestop Systems in UL Guide Category XHEZ and current UL Fire Resistance Directory
- Three-hour rated floor/ceiling assembly
- Raised floors — NEC® Section 645.5(E)(2)
- Exposed or concealed in building above three floors when a fire sprinkler system is installed in accordance with NFPA 13 — NEC® Section 362.10(2)

- For use in residential attics up to three feet above the bottom of the ceiling joist
- Maximum ambient temperature 140° F (60° C)

Typical Applications:

- Residential: low or high rise — multi or single family
- Commercial: low or high rise — office, retail, hotel/motel, restaurant, etc.
- Nursing homes/hospitals in non-patient care areas only
- Schools, classrooms, dormitories, offices
- Fire alarm systems
- Recreational vehicles and parks
- Solar photovoltaic systems
- Marinas and boatyards
- Other uses per the current NEC® and CEC

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Carlton® Innerduct Guide

When Innerduct is being used inside the building...

Plenum

- Must be UL® Listed
- Plenum cable must be installed
- Color: Industry standard orange
- Pull tape pre-installed in sizes ½" through 3"

CARLTON®		PYRAMID®	
CAT. NO.	SIZE (IN.)	CAT. NO.	SIZE (IN.)
CD4X1C	½	PLM100T	1
CE4X1C	¾	PLM125T	1¼
CF4X1C	1	PLM150T	1½
CG4X1C	1¼	PLM200T	2
CH4X1C	1½		
CJ4X1C	2		
CL4X1C	3		

Note: HDPE innerduct will not meet code

Specifying and installing UL Listed innerducts with the anticipation of future upgrades provides the building owner with a low-cost solution for the removal of abandoned cables.

General Purpose and Riser

- Must be UL® Listed
- Riser rated cable must be used in riser applications
- Color: Industry-standard orange

CARLTON®		PYRAMID®	
CAT. NO.	SIZE (IN.)	CAT. NO.	SIZE (IN.)
DE4X1C	¾	RIS100T	1
DF4X1C	1	RIS125T	1¼
DG4X1C	1¼	RIS150T	1½
DH4X1C	1¼	RIS200T	2
DJ4X1C	2		
DL4X1C	3		