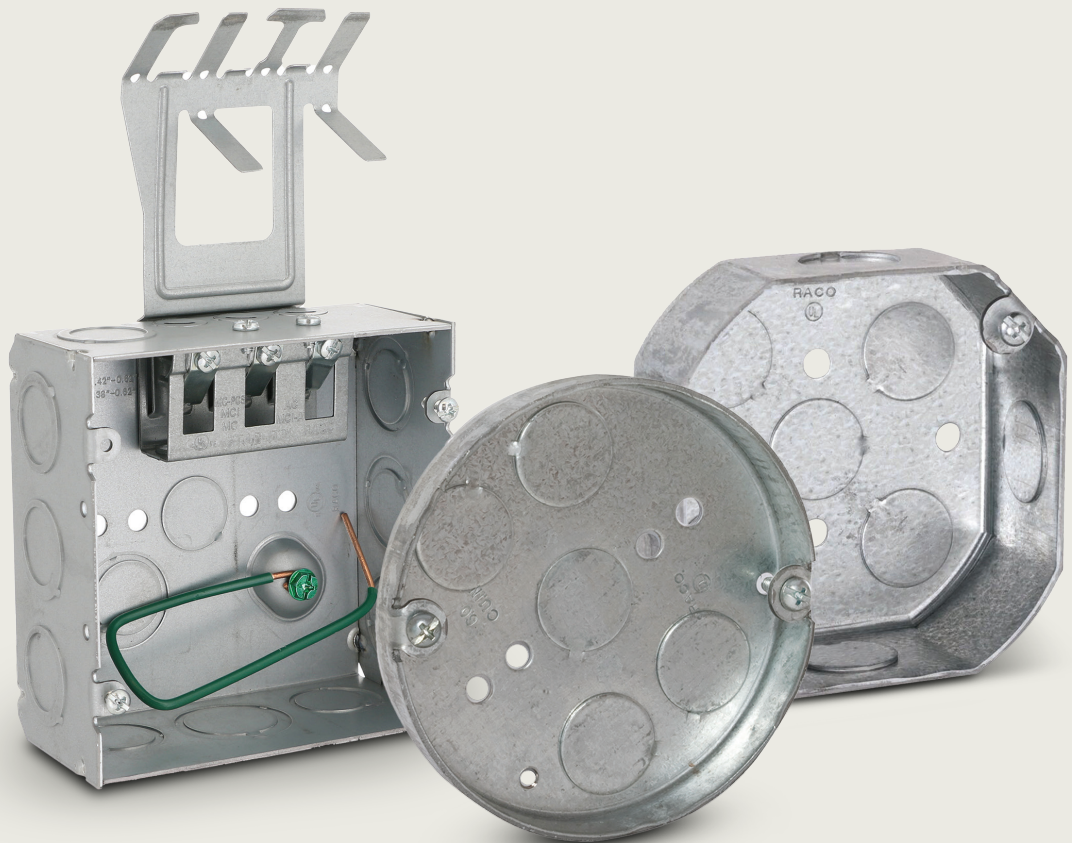




CATALOG

Steel Boxes, Covers, and Accessories

Section A





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General Information

Standards, 2023 National Electrical Code®

Applications: Steel Boxes

RACO® high-quality steel boxes:

- Are used in branch circuit wiring
- Accommodate wiring devices, such as switches and receptacles
- Most may also serve as fixture supports
- Provide excellent protection for wiring system or devices
- Must be closed with a cover, light fixture canopy or wallplate
- Permit access to conductors for maintenance
- Allow for branch circuit runs
- Provide two-hour fire rating for 4x4 or smaller wall opening

Product Features: Outlet Boxes for Fixture or Fan Support

These high-quality boxes:

- Are listed to support lighting fixture canopies or fans
- Feature oversized #10 screws to provide strength and rigidity

Product Features: TKO® Knockouts

- TKO® knockouts offer greater flexibility with RACO® combination 1/2" and 3/4" knockout
- Stock just one product instead of two or three
- One product for the installer to carry

TKO Provides Reliable Grounding Path

- Independent tests conducted by UL prove that the TKO passes the same high-current fault test used to test grounding bushings and ground lugs
- RACO® TKO knockout is UL Listed, providing bonding without the use of bonding jumpers
- Suitable for bonding without any additional bonding means around concentric (or eccentric, TKO) knockouts when used in circuits above or below 250V
- This knockout does not impair the electrical connection to ground

Most RACO® Boxes Have At Least One Tapped #10-32 Grounding Hole

- The products that do not have a grounding screw hole are plenum boxes catalog numbers 226 and 239

Product Features: Combination Screw Heads

- Cover and clamp screws have combination slotted/Phillips heads
- Self-tapping screws provide for 100% thread engagement

Metallic Boxes: Fire Resistance Rating Wall Penetrations*

Listed single and double gang metallic outlet and switch boxes with metallic or non-metallic cover plates, also metallic 4x4 and octagon boxes may be used in bearing and non-bearing wood stud and steel stud walls, and floor-ceiling and roof-ceiling assemblies with ratings not exceeding two hours.

The surface area of individual metallic outlet or switch boxes shall not exceed 16 square inches through a fire rated wall. The aggregate surface area of the boxes shall not exceed 100 square inches per 100 square feet. 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 1/8 inch.

* Reference: *Fire Resistance Ratings ANSI/UL 263, Sec. III-6.*

Standard Materials: Steel Covers, Outlet and Standard Switch Boxes

- Steel boxes and covers are made of .0625 inch thick pre-galvanized sheet steel
- Handy Box covers are made of .030 inch thick galvanized sheet steel

Compliances

RACO® steel boxes and covers generally carry the following compliance ratings. Check specific catalog pages for individual compliances.

- UL Listed - Standard 514-A, file E195978 ("QCIT" Category)
- Boxes and covers are listed for their Electrical Applications (electrical codes), UL Electrical Construction Equipment Online Directory (electrical codes).
- Boxes are listed for Fire Resistance Directory, including the Two-Hour Fire Rating, (building codes) UL Orange Book
- UL Classified Standard - UL263 file R16536, CEYY, QBWY
- CSA Certified - C22.2 #18, CSA File LR-1082
- ANSI/NEMA OS1
- Federal Manufacturer's number 28488



For installation guidelines and to learn more about RACO® products, visit the NEMA website at <http://www.nema.org>.

The National Electrical Manufacturers Association (NEMA) website is a valuable electrical resource providing the information you need - quickly.

Wiring Capacity: Steel Outlet and Switch Boxes; Cubic Inches

Maximum Number of Conductors or Minimum Size Box Required - National Electrical Code Article 314.16 (A and B) also Table 314.16(A)

The purpose of NEC® Article 314.16 is to determine the maximum conductor count or the minimum box size required for an application. It also may be used to determine how many other conductors may be added without exceeding the Code-prescribed limit.

Standards, 2023 National Electrical Code®

Most applications have determined the number of conductors. The question that then remains is the smallest (minimum) size box that is permitted. The rules of Article 314.16 are to be used to determine the Code-recognized limit.

Selection of an outlet or junction box for use in an electrical circuit work must take into consideration the maximum number of wires permitted in the box. Safe electrical practice demands that wires not be jammed into boxes because of the possibility of nicks, abrasions or other damage to the insulating material, creating the potential for ground faults or short circuits.

Article 314 – Boxes and Fittings

NEC® 314.16 (A and B) also Table 314.16(A). Number of Conductors in Outlet, Device, and Junction Boxes, and Conduit Bodies.

Boxes 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 (a) below, be less than the fill calculation as calculated in (b) below. The minimum volume for conduit bodies shall be as calculated in (c) below.

The provisions of this section shall not apply to terminal housings supplied with motors. See Section 430.12.

Boxes and conduit bodies enclosing conductors, size #4 or larger, shall also comply with the provisions of Section 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, etc., that are marked with their volume in cubic inches or are made from boxes the dimensions of which are listed in Table 314.16(A).

(1) Standard Boxes. The volume of standard boxes that are not marked with a cubic inch capacity shall be as given in *Table 314.16(A).

(2) Other Boxes. Boxes 100 cubic inches (1,640 cu. cm³.) or less, other than those described in table, and non-metallic boxes shall be durably and legibly marked by the manufacturer with their cubic inch capacity. Boxes described in table that have a larger cubic inch capacity than is designated in the table shall be permitted to have their cubic inch capacity marked as required by this section.

(b) Box Fill Calculations. The volumes in paragraphs (1) through (5) below, 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. The conductor fill, in cubic inches, shall be computed using Table 314.16(B)(1). A conductor, no part of which leaves the box, shall not be counted.

Exception: Where an equipment grounding conductor or not over four fixture wires smaller than #14, or both, enter a box, from a domed fixture or similar canopy and terminate within that box, it shall be permitted to omit these conductors from the calculations.

(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 NEC® 314.16(B)(2) shall be made based on the largest conductor present in the box. No allowance shall be required for a cable connector with this clamping mechanism outside the box.

(3) Support Fittings Fill. Where one or more fixture studs or hickeyes are present in the box, a single volume allowance in accordance with NEC® 314.16(B)(3) 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 NEC® 314.16(B)(4) 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.

(5) Equipment Grounding Conductor Fill. Where one or more equipment grounding conductor(s) enter(s) a box, a single volume allowance in accordance with Table 314.16B shall be made based on the largest equipment grounding conductor present in the box. Where an additional set of equipment grounding conductors, as permitted by NEC® 314.16(B)(5) are present in the box, an additional volume allowance shall be made based on the largest equipment grounding conductor in the additional set.

General Information

Standards, 2023 National Electrical Code®

Most Often Requested Sections of the National Electrical Code®	How RACO® Products Help Complete the Installation
<p>250.97 Method of Bonding Service Equipment — Bonding Jumpers. Bonding jumpers are not required for concentric and eccentric knockouts if they are listed.</p>	<p>This Section is used to ensure that there is ground continuity when a concentric or eccentric knockout is incorporated in a box. A bonding jumper is not required when using any of the RACO® patented TKO knockout boxes.</p>
<p>314.27 (A) Boxes at Lighting Fixture Outlets. Boxes to support light fixtures must be listed for fixture support.</p>	<p>Device boxes use #6-32 screws to secure devices such as snap-switches and receptacles. They are not suitable for support of other than very lightweight lighting fixtures, such as some wall-bracket types.</p>
<p>314.27 (B) Floor Boxes. Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them free from physical damage, moisture and dirt.</p>	<p>Only boxes that are UL Listed for the application may be fastened into the floor. RACO® floor boxes are in Section A of this catalog.</p>
<p>314.27 (C) Boxes at Fan Outlets. Boxes at Ceiling-Suspended (Paddle) Fan Outlets. Outlet boxes or outlet box systems used as the sole support of a ceiling suspended (paddle) fan shall be listed, shall be marked by their manufacturer as suitable for this purpose, and shall not support ceiling-suspended (paddle) fans that weigh more than 32kg (70lb).</p>	<p>For any ceiling outlet that is intended to have a ceiling (paddle) fan installed, a UL Listed outlet box rated for ceiling fan support must be installed. RACO® offers a complete line of products designed for various applications and mounting needs.</p>
<p>314.16 (A)(3) Space for Conductors. Canopies and outlet boxes taken together shall provide adequate space so that fixture conductors and their connecting devices can be properly installed.</p>	<p>When calculating the minimum cubic inch requirements for an outlet box, the canopy may be included in the calculation at the discretion of the Authority Having Jurisdiction. If the canopy of the fixture/fan is marked with the cubic inch capacity, then the additional volume must be accepted by the Authority Having Jurisdiction.</p>

Standards, 2023 National Electrical Code®

Most Often Requested Articles of the 2020 National Electrical Code®	How RACO® Products Help Complete the Installation
<p>314.27 (B) Maximum Luminaire Weight. Fixtures greater than 50 pounds cannot be supported by a fixture box unless additional independent support is provided.</p>	<p>All outlet boxes that are intended to be used with fixtures are tested in accordance with UL Standard 514A.</p>
<p>250.146 (A) Surface-Mounted Box. Where the box is mounted on the surface, direct metal-to-metal contact between the device yoke and the box or a contact yoke or device that complies with 250.146(B) shall be permitted to ground the receptacle to the box.</p>	<p>This new method provides better bonding for the cover. RACO flat corner covers and mud rings comply.</p>
<p>800.133 Exception (A)(1)(d) Installation of Communications Wires, Cables and Equipment - Electric Light or Power Circuits. Communications conductors shall not be placed in any raceway, compartment, outlet box, junction box, or similar fitting with conductors or electric light or power circuits or Class 1 circuits.</p>	<p>When power and voice/data are brought to one enclosure, a means of dividing the wiring is required. Voltage barriers are available on the following box types: 4" and 4-11/16" square boxes, three- and four-gang switch boxes, masonry boxes, and gang boxes.</p>
<p>406.12, Tamper-resistant Receptacles. In all areas specified in 406.12(1) through 406.12(8), all 125 volt, 15 and 20 amp receptacles shall be listed tamper-resistant receptacles.</p>	<p>This is to prevent shocks to small children that like to insert keys, paper clips, etc. into the receptacle slots.</p>
<p>314.24 (B) Depth of Boxes. Minimum depth of boxes for outlets, devices, and utilization equipment.</p>	<p>Boxes must be a minimum depth depending on their use and/or are required to have a minimum clearance behind the device or equipment of per 314.24 (B).</p>

Box Selection

Calculate the Minimum Size Box

NEC® 314.16 (A) and (B) describes the detailed way of counting wires, as well as clamps, fittings or devices (i.e., switches, receptacles, combination devices) by establishing an equivalent conductor value for each. Those values are added together to get a total number of conductors. The minimum size box is the smallest one in Table 314.16(A) that can accommodate that number of conductors.

1. No matter how many ground wires come into a box, they only count as one conductor within the box.
2. Any wire 12 inches or less in length running unbroken through the box counts as one wire.
3. Each wire coming into a splice device (crimp or twist-on type) is counted as one wire.
4. Each wire coming into the box and connecting to a device counts as one wire of that size.

5. Fixture studs, cable clamps and hickey are to be counted as one for each type of fitting. If a box contains two cable clamps, the total is only to be increased by one.

6. Where devices are mounted in the box, the total conductor count must be increased by two for each mounting strap.

Example #1: – Conduit Boxes: Supply power to a switch that will control a remote light with #14-2 conductors. Metal conduit and fittings will be used as the wire way. You must provide space for four conductors, one ground, and one switch, totaling 6. Read across the line “Allowances” in the Box Fill table to column 6, then read down to the minimum cubic inches required for #14 conductor. This example requires a minimum of 14.0 cubic inches.

Example #2: – Cable Boxes:








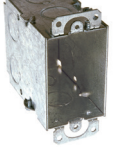





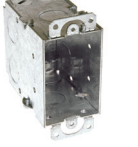
This example will illustrate how the minimum size is determined for a box with cable clamps fed by two #12-2 non-metallic sheathed cables and supplying a 15A duplex receptacle. After supplying the receptacle, the conductors are extended to other outlets.

Circuit conductors 4
 Ground conductors 1
 Cable clamps 1
 Device (receptacle) 2

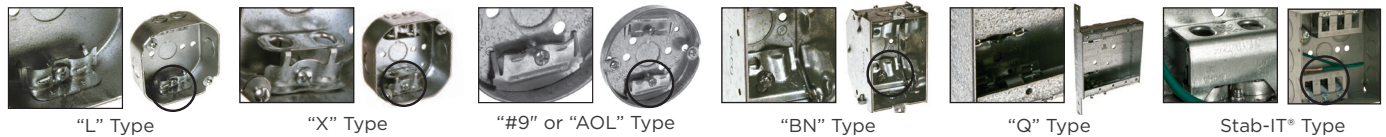
Total 8

Using the Box Fill table from the next page, read across the line “Allowances” to column 8, then down to the minimum cubic inches required for #12 conductor. This example requires a minimum of 18.0 cubic inches.

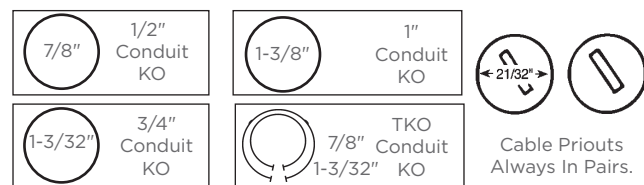
Steel Box Selection Chart

Cubic Inches:	76.0	42.0	30.3	29.5	21.5	21.0	18.0
							
Conduit Steel Boxes	5" Sq. 3-1/4" Deep (Inside)	4-11/16" Sq. 2-1/8" Deep (Inside)	4" Sq. 2-1/8" (Depth Inside)	4-11/16" Sq. 1-1/2" (Depth Inside)	4" Oct. 2-1/8" (Depth Inside)	4" Sq. 1-1/2" (Depth Inside)	Switch 3-1/2" (Depth Inside)
Cubic Inches:		30.3	42.0	21.5	21.0	18.0	
							
MC/BX & Non-Metallic Cable Steel Boxes		4" Sq. 2-1/8" (Depth Inside)	4-11/16" Sq. 2-1/8" (Depth Inside)	4" Oct. 2-1/8" (Depth Inside)	4" Sq. 1-1/2" (Depth Inside)	Switch 3-1/2" (Depth Inside)	

Clamp Types



Knockouts and Priouts



Plaster Ears



Box Selection

Box Fill

Conductor Size (AWG)	Volume Per Conductor		Allowances								
	CM ³	IN. ³	6	7	8	9	10	11	12	13	14
#18	24.6	1.50	9.00	10.50	12.00	13.50	15.00	16.50	18.00	19.50	21.00
#16	28.7	1.75	10.50	12.25	14.00	15.75	17.50	19.25	21.00	22.75	24.50
#14	32.8	2.00	12.00	14.00	16.00	18.00	20.00	22.00	24.00	26.00	28.00
#12	36.9	2.25	13.50	15.75	18.00	20.25	22.50	24.75	27.00	29.25	31.50
#10	41.0	2.50	15.00	17.50	20.00	22.50	25.00	27.50	30.00	32.50	35.00
#8	49.2	3.00	18.00	21.00	24.00	27.00	30.00	33.00	36.00	39.00	42.00
#6	81.9	5.00	30.00	35.00	40.00	45.00	50.00	55.00	60.00	65.00	70.00

Cubic Inches: 16.5 15.5 14.0 13.0 12.5 3.8 6.0

Handy 2-1/8" (Depth Inside)
 4" Oct. 1-1/2" (Depth Inside)
 Switch 2-3/4" (Depth Outside)
 Handy 1-7/8" (Depth Outside)
 Switch 2-1/2" (Depth Outside)
 3-1/2" Rnd. Pan 1/2" (Depth Inside)
 4" Rnd. Pan 1/2" (Depth Inside)

Cubic Inches: 15.8 15.5 14.0 12.5 4.0

Switch 2-9/64" (Depth Outside)
 4" Oct. 1-1/2" (Depth Inside)
 Switch 2-3/4" (Depth Outside)
 Switch 2-1/2" (Depth Outside)
 3-1/2" Pan 1/2" (Depth Inside)

Clamp Technical Data

Clamp Type	Raceway Type					
	Armored Cable (BX)		Metal Clad Cable Interlocking (MCI)		Non-Metallic Sheathed Cable	Flexible Metal Conduit
	Steel	Aluminum	Steel	Aluminum		
"L" Type	—	—	—	—	#14-2 to #10-3 W/Ground	—
"X" Type	#14-2 (.444 In Outer Diam.) to Largest Size to Fit In Clamp	#14-2 (.444 In Outer Diam.) to Largest Size to Fit In Clamp	.425 to .600 Outer Diam.	.400 to .495 Outer Diam.	—	3/8" Trade Size
"#9" or "AOL" Type	—	—	—	—	#14-2 W/Ground	—
"Q" Type	—	—	—	—	#14-2 to #10-3 W/Ground	—
"BN" Type	—	—	—	—	#14-2 W/Ground Or #12-2 W/Ground	—
Stab-IT Type	.400 to .605 Outer Diam.	.400 to .605 Outer Diam.	.400 to .605 Outer Diam.	.400 to .605 Outer Diam.	—	3/8" Trade Size

Box Selection

Bracket Technical Data

Bracket Type	"A"	"B"	"D"	"FH"	"FM"	"FS"	"J"	"LB"	"MS"	"TS"	"W"	"H" or "M"
Length (In.)	6-7/16"	1-61/64"	6-1/4"	6-61/64"	7-5/8"	6-61/64"	2-3/8"	1-31/32"	4-1/2"	7"	6-25/32"	3-1/8"
Width	5/8"	2"	21/32"	1-9/16"	1-9/16"	1-9/16"	2-23/32"	3-3/64"	1-1/2"	1-1/16"	1-1/16"	7/8"
Offset				3/8"	3/8"	3/8"	1/4"			17/64"	1-5/16"	3/8"
For Metal	✓		✓		✓	✓			✓	✓	✓	✓
For Wood	✓	✓	✓	✓	✓	✓	✓	✓		✓	✓	✓



"A" Bracket Positions handy box against face and side of stud.



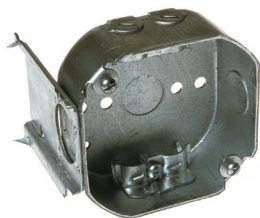
"FH" Bracket Side-mount bracket with hooks that drive into face of stud.



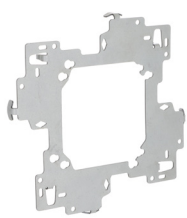
"D" Bracket Mounts on flat side of stud.



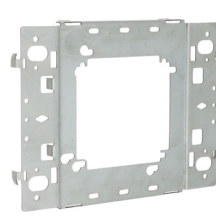
Box-Loc® "MS" Bracket Positions box on either side of stud. BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud. Barbed hooks dig into the flat side of the stud, quickly locking it into place.



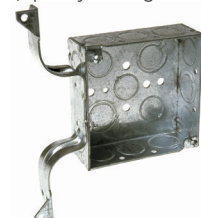
"J" Bracket Spurs, slotted holes for toe-nailing. Gauging notches at 3/8" and 1/2".



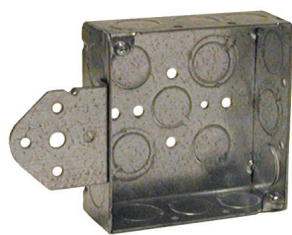
"UBS" Support Universal Back Side support to provide bracing on back of box for wall cavities 2-1/2" - 6" thick.



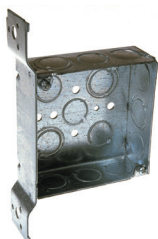
Ultimate G Series Box Support provide bracing of back of the box for wall cavities 2-1/2" - 6" thick.



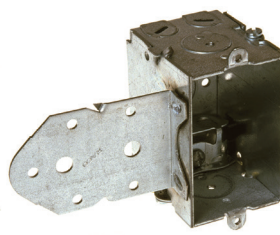
"W" Bracket Positions box away from side of stud to clear the trim molding of a door frame.



"B" Bracket Face mounts on front edge of wood stud. Use when space between studs is limited.



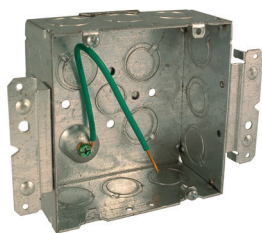
"FM" Bracket Mounts on flat side of stud.



"LB" Bracket Face mounts on front edge of wood stud. Use when space between studs is limited. 5/8" offset to clear narrow door molding.



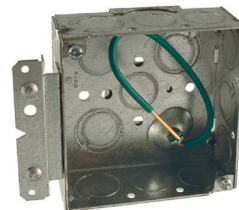
"TS" Bracket Side-mount bracket for octagon, square, switch and handy boxes. Gauging tabs and recessed nailing spurs.



"M" Bracket Brackets on both/opposite sides of box



"FS" Bracket Mounts on flat side of stud. Gauging tabs and recessed nailing spurs.



"H" Bracket Narrow bracket allows side-by-side mounting on stud. Positioning tabs locate box perfect distance from stud. V notch centers box. Dimples protect flush drywall installation.

Square Boxes and Covers

4" Square Boxes - Drawn with Conduit KOs



185



190, 8190



191, 8191



192, 8192



204



232D

NEW

Applications

- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices
- Drawn boxes are ideal for exposed work applications

Product Features

- Combination screw heads provide
- Thru-the-wall box is designed for shallow wall applications and allows for attachment of wall plate to both faces of box

Compliance

- LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

4" Square Boxes

CAT. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
1-1/4" Deep - Drawn with Conduit KOs						
185	—	18.0 (295.0)	(10) 1/2"	(5) 1/2"	50	
1-1/2" Deep - Drawn with Conduit KOs						
190	Raised Ground	21.0 (344.1)	(12) 1/2"	(4) 1/2"	50	—
8190	Raised Ground	21.0 (344.1)	(12) 1/2"	(4) 1/2"	50	
191	Raised Ground	21.0 (344.1)	(8) 3/4"	(1) 1/2", (3) 3/4"	50	—
8191	Raised Ground	21.0 (344.1)	(8) 3/4"	(1) 1/2", (3) 3/4"	25	
192	Raised Ground	21.0 (344.1)	(8) 1/2", (4) 3/4"	(2) 1/2", (2) 3/4"	50	—
8192	Raised Ground	21.0 (344.1)	(8) 1/2", (4) 3/4"	(2) 1/2", (2) 3/4"	50	
Thru-the-Wall Box, 1-1/2" Deep - Drawn with Conduit KOs						
204	—	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	50	—
2-1/8" Deep - Drawn with Conduit KOs						
232D	Raised Ground Bump	30.0 (491.6)	(8) 1/2", (4) 3/4"	(2) 1/2", (2) 3/4"	25	—

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4" Square Boxes - Welded with Conduit KOs



181



189, 8189



189RAC



189SM



911-9

Applications

- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Combination screw heads provide for faster installation
- TKO® Knockouts allow for design and installation flexibility.
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4" Square Box, 1-1/2" Deep - Welded with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
181	—	21.0 (344.1)	(8) 3/4"	(1) 1/2" (4) 3/4"	50	—
189	600V, Raised Ground	21.0 (344.1)	(8) 1/2" (4) TKO	(2) 1/2" (2) TKO	50	—
8189	600V, Raised Ground	21.0 (344.1)	(8) 1/2" (4) TKO	(2) 1/2" (2) TKO	50	
189RAC	600V	21.0 (344.1)	(8) 1/2" (4) TKO	(2) 1/2" (2) TKO	50	—
189SM	600V, Raised Ground, 10" #12 Stranded Copper Pigtail	21.0 (344.1)	(8) 1/2" (4) TKO	(2) 1/2" (2) TKO	50	
911-9	600V, Raised Ground, Painted Red	21.0 (344.1)	(8) 1/2" (4) TKO	(2) 1/2" (2) TKO	50	—

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4" Square Bracketed Boxes - Welded with Conduit KOs



196, 8196



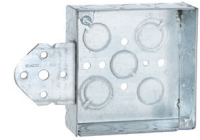
8197



199



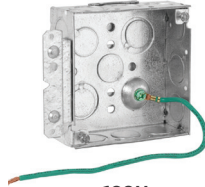
208, 8208



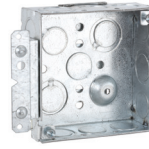
193, 8193



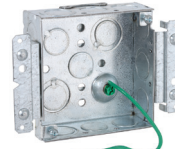
189F



189H



189HWP



189M



227 BOX-LOC®

Applications

- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud, quickly locking it in place
- TKO® Knockouts allow for design and installation flexibility
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4" Square Bracketed Boxes, 1-1/2" Deep - Welded with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
196	600V, FS, Flush	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	25	—
8196	600V, FS, Flush	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	25	
8197	600V, FH, Flush	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	25	
199	600V, FS, Flush	21.0 (344.1)	(6) 3/4"	(1) 1/2" (4) 3/4"	25	—
208	W, Flush	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	25	—
8208	600V, W, Flush	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	25	
193	600V, B, Flush	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	25	—
8193	600V, B, Flush	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	10	
189F	600V, Raised Ground, 8" #12 Solid Copper Pigtail, UBS Farside Support	21.0 (344.1)	(8) 1/2" (4) TKO	(2) 1/2" (2) TKO	50	—
189H	600V, Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	21.0 (344.1)	(6) 1/2" (3) TKO	(2) 1/2" (2) TKO	20	—
189HWP	600V, Raised Ground, UBS, HM	21.0 (344.1)	(6) 1/2" (3) TKO	(2) 1/2" (2) TKO	20	—
189M	600V, Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	21.0 (344.1)	(4) 1/2" (2) TKO	(2) 1/2" (2) TKO	20	—
227	600V, MS, Flush, BOX-LOC®, Provided with Far-side support (part #978) —	21.0 (344.1)	(6) 1/2" (3) TKO	(3) 1/2" (2) TKO	25	

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4" Square Extension Rings



201, 8201



202



203, 8203



911-6



187



207

Applications

- RACO® Extension rings provide a means for adding cubic capacity or as an outlet box for surface conduit

Product Features

- Combination screw heads provide for faster installation
- Red boxes, covers and extensions for dedicated life safety alarm circuits
- RACO® 187 can be positioned to accommodate one or two switch boxes

Compliance



4" Square Bracketed Boxes, 1-1/2" Deep - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
201	—	22.5 (368.7)	(12) 1/2"	—	50	—
8201	—	22.5 (368.7)	(12) 1/2"	—	25	
202	—	22.5 (368.7)	(8) 3/4"	—	50	—
203	—	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	50	—
8203	—	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	20	
911-6	Painted Red	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	50	—
187	Attaches to Switch Boxes	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	25	

4" Square Extension Rings, 2-1/8" Deep - Welded with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
207	—	30.3 (496.5)	(6) 1/2", (6) 3/4"	—	25	—

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4" Square Boxes - Welded with Conduit KOs



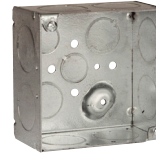
232, 8232



232RAC



231, 8231



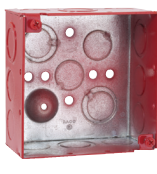
233, 8233



232SLD



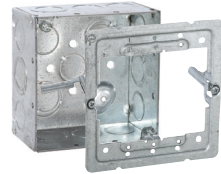
232SM



911-3



232CS



232-OW

Applications

- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO patented combination 1/2" and 3/4" knockout
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4" Square Box, 2-1/8" Deep - Welded with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
232	600V, Raised Ground	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	—
8232	600V, Raised Ground	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	
232RAC	600V, Assembled in the USA	30.3 (496.5)	(8) 1/2", (4) TKO	(3) 1/2", (2) TKO	25	—
231	600V, Raised Ground	30.3 (496.5)	(8) 3/4"	(1) 1/2", (4) 3/4"	25	—
8231	600V, Raised Ground	30.3 (496.5)	(8) 3/4"	(1) 1/2", (4) 3/4"	25	
233	600V, Raised Ground	30.3 (496.5)	(8) 1"	(3) 1/2", (2) 3/4"	25	—
8233	600V, Raised Ground	30.3 (496.5)	(8) 1"	(3) 1/2", (2) 3/4"	25	
232SLD	600V, Raised Ground 8" #12 Solid Copper Pigtail	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	—
232SM	600V, Raised Ground, 10" #12 Stranded Copper Pigtail	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	
911-3	600V, Painted Red	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	
232CS	600V, Raised Ground, Elevated Side Knockouts	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	—
232-OW	600V, Raised Ground, Old Work RETRO-RING, Accepts Box Mounting of One or Two Devices	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

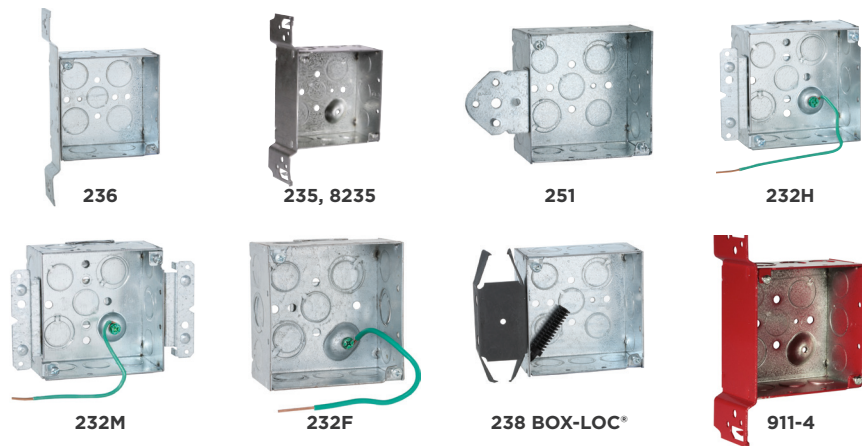
4" Square Bracketed Boxes - Welded with Conduit KOs

Applications

- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"
- Red boxes, covers and extensions for dedicated life safety alarm circuits



4" Square Box, 2-1/8" Deep - Welded with Conduit KOs

Cat. #	Description	Cubic In. (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
236	600V, FM, Flush	30.3 (496.5)	(6) 3/4"	(1) 1/2", (4) 3/4"	25	
235	600V, TS, Flush	30.3 (496.5)	(6) 1/2", (3) TKO	(3) 1/2", (2) TKO	25	—
8235	TS, Flush,	30.3 (496.5)	(6) 1/2", (3) TKO	(3) 1/2", (2) TKO	25	
251	B Flush	30.3 (496.5)	(6) 1/2", (3) TKO	(3) 1/2", (2) TKO	25	—
232H	Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	—
232M	600V, Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	—
232F	600V, Raised Ground 8" #12 Solid Copper Pigtail, UBS	30.3 (496.5)	(8) 1/2", (4) TKO	(2) 1/2", (2) TKO	25	—
238	BOX-LOC®, MS, Flush, Provided with Far-side support (part #978)	30.3 (496.5)	(6) 1/2", (3) TKO	(3) 1/2", (2) TKO	25	
911-4	FM Bracket, Painted Red	30.3 (496.5)	(6) 1/2", (3) TKO	(3) 1/2", (2) TKO	25	—

Compliance

- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6.
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4" Square Plenum Boxes and Cover



226



231PL



239



203PL



762



165PL



722PL



257PL



258PL



259PL*



264PL



832PL

Applications

- RACO® Plenum boxes are used in above-ceiling applications where air-tight enclosures are required

Product Features

- To maintain plenum seal, RACO Plenum Boxes do not provide ground screw holes
- Cover gasket is PVC foam material
- Air-tight Knockouts

Compliance



Boxes and Covers

Cat. #	Description	Cu. In. (CM ³)	Air-Tight Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
4" Square Plenum						
226	1-1/2" deep box	21	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	50	
231PL	2-1/8" deep box	30.3	(8) 3/4"	(3) 1/2", (2) 3/4"	25	—
239	2-1/8" deep box	30.3	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	25	
203PL	1-1/2" deep extension 4" sq. boxes	21	(8) 1/2", (4) 3/4"	—	50	—
762	Gasketed blank cover for 4" sq. boxes	—	—	—	50	
4" Octagon Plenum						
165PL	2-1/8" deep box	21.5	(2) 1/2", (2) 3/4"	(3) 1/2", (2) 3/4"	25	—
722PL	Gasketed blank cover for 4" octagon box	—	—	—	25	—
4-11/16" Square Plenum						
257PL	2-1/8" deep box	42	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	25	—
258PL	2-1/8" deep box	42	(8) 1"	(3) 1/2", (2) 3/4"	25	—
259PL*	2-1/8" deep box	42	(4) 1", (4) 1-1/4"	(3) 1/2", (2) 3/4"	25	—
264PL	2-1/8" deep box	42	(12) 3/4"	(3) 1/2", (2) 3/4"	25	—
832PL	Gasketed blank cover for 4-11/16" sq. box	—	—	—	25	—

Notes: * Not UL Rated

See end of section (Pg A88) for detailed drawings »



Square Boxes and Covers

3-3/4" Square Boxes - Welded with Conduit KOs



256



911-2



255



911-1

Applications

- RACO® Red boxes and covers allow inspector or building owner to immediately identify alarm/fire or life safety systems

Product Features

- 3-3/4" opening in wall allows for margin of error when using a 4" square cover
- Accepts all 4" square covers and mudrings
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance



Large Capacity Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
3-3/4" Square Boxes, 3-1/2" Deep - Welded with Conduit KOs						
256	—	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	25	
911-2	Painted Red	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	25	—
3-3/4" Square Bracketed Boxes, 3-1/2" Deep - Welded with Conduit KOs						
255	FM Bracket	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	
911-1	FM Bracket, Painted Red	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	—

See end of section (Pg A88) for detailed drawings »

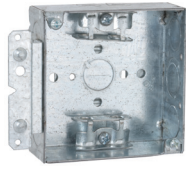


Square Boxes and Covers

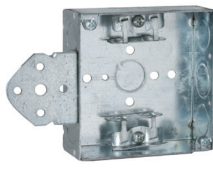
4" Square Boxes – Welded with Armored Cable / Metal Clad / Flex Clamps



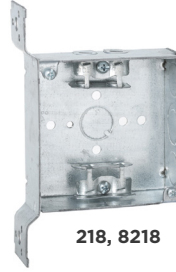
213, 8213



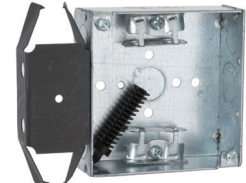
213HWP



224



218, 8218



229 BOX-LOC®

Applications

- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud, quickly locking it in place
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"
- Combination screw heads provide for faster installation
- TKO® Knockouts offer greater flexibility with RACO patented combination 1/2" and 3/4" knockout

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4" Square Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit		
1-1/2" Deep - Welded with Armored Cable/Metal Clad/Flex Clamps							
213	600V	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	50	—
8213	600V	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	30	

Bracketed Box, 1-1/2" Deep – Welded with Armored Cable/Metal Clad/Flex Clamps

213HWP	600V, HM, UBS	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	20	—
224	600V, B, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
218	600V, FS, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
8218	600V, FS, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	
229	600V, BOX-LOC®, (MS) Flush, Provided with Far-side support (part #978)	21.0 (344.1)	4	(2) 1/2"	(1) 1/2"	25	

See end of section (Pg A88) for detailed drawings »

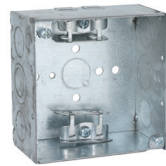


Square Boxes and Covers

4" Square boxes - Welded with Armored Cable / Metal Clad / Flex Clamps

Applications

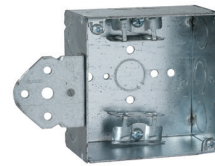
- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices



248



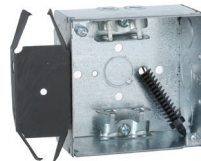
241, 8241



249



248HWP



243 BOX-LOC®

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO patented combination 1/2" and 3/4" knockout

Compliance

- UL LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6.
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4" Square Boxes

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit		
2-1/8" Deep - Welded with Armored Cable/Metal Clad/Flex Clamps							
248	600V	30.3 (496.5)	4	(4) 1/2", (2) TKO	(1) 1/2"	25	
Bracketed Box, 2-1/8" Deep - Welded with Armored Cable/Metal Clad/Flex Clamps							
241	600V, TS, Flush	30.3 (496.5)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
8241	600V, TS, Flush	30.3 (496.5)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	
249	600V, B, Flush	30.3 (496.5)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
248HWP	600V, HM Bracket, UBS	30.3 (496.5)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	
243	600V, BOX-LOC®, (MS) Flush, Provided w/Far-side support (part #978)	30.3 (496.5)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	

See end of section (Pg A88) for detailed drawings »



4" Square Stab-IT® Boxes - Welded with Armored Cable / Metal Clad / Flex Clamps



232S



232MS



232SCM



232MSCM



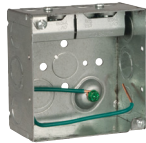
NEW

232MSHF



NEW

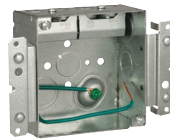
232MSCMHF



244S



244SCM



244MS



NEW

244MSHF



244MSCM



NEW

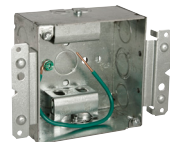
244MSCMHF



248S



248HS



248MS



NEW

248MSHF

Applications

- For any job where flexible armored cable is being used.

Product Features

- Designed for quick installation of flex, MC, MCI, MCI-A, AC, and HCF Cable. Refer to Stab-IT chart on page A-7
- Accepts cable sizes from 14/2 up to 10/3 for most cable types
- Each Stab-IT connector accommodates two cables
- Pre-installed 8" solid #12 pigtail for faster installation

Compliance

- UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

4" Square Stab-IT Box, 2-1/8" Deep - Welded with Armored Cable/Metal Clad/Flex Clamps

Cat. #	Description	Cu. In. (CM3)	Cable Priouts	Knockouts		Std. Pkg.
				Sides Conduit	Bottom Conduit	
232S*	(1) Stab-IT Connector, w/ Pigtail	30.3 (496.5)	2	(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MS	(1) Stab-IT Connector, M Brkts., w/ Pigtail & UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232SCM*	(1) Stab-IT Connector, w/Pigtail, Cable Mgmt. Clip			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MSCM	(1) Stab-IT Connector, M Brkts., w/Pigtail, Cable Mgmt. Clip & UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MSHF	(1) Stab-IT Connector, M Brkts., w/Pigtail & heavy duty UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
232MSCMHF	(1) Stab-IT Connector, M Brkts., w/Pigtail, Cable Mgmt. Clip & heavy duty UBS			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244S	(2) Stab-IT Connectors on top, w/Pigtail			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244SCM	(2) Stab-IT Connectors on top, w/Pigtail & Cable Mgmt. Clips			(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25
244MS	(2) Stab-IT Connectors, Connectors on top, M Brkts., w/Pigtail		(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	
244MSHF	(2) Stab-IT Connectors on top, M brkts., w/Pigtail, & heavy duty UBS		(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	
244MSCM	(2) Stab-IT Connectors on top, M Brkts., w/Pigtail & UBS		(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	
244MSCMHF	(2) Stab-IT Connectors on top, H Brkt., w/Pigtail, Cable Mgmt. Clips & heavy duty UBS		(6) 1/2", (3) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	
248S	(2) Stab-IT Connectors, w/ Pigtail		(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25	
248HS	(2) Stab-IT Connectors, H Brkt., w/Pigtail & UBS		(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25	
248MSHF	(2) Stab-IT Connectors, M Brkts., w/ Pigtail & heavy duty UBS		(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25	
248MS	(2) Stab-IT Connectors, M Brkts., w/ Pigtail		(4) 1/2", (1) 1/2"-3/4" TKO	(1) 1/2"	25	

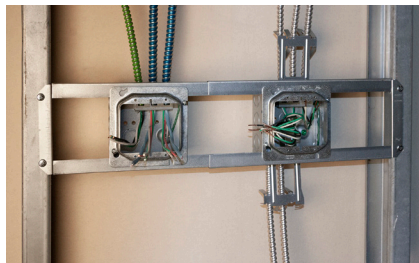
Notes: * cULus Listed. All other models are UL Listed. For information on UBS and heavy duty UBS see page A30.

See end of section (Pg A88) for detailed drawings »



FW Box Assemblies

PRO Ready 4" Stab-IT® Box Assemblies



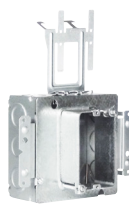
Save time and effort!



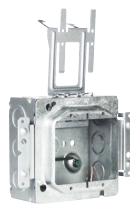
FW1.1



FW1.7



FW1.9



FW4.1



FW4.7



FW4.9

Save time and labor on any job with RACO ProReady™ box assemblies. Components are pre-assembled, ready to install right out of the box. Ensure quality while reducing material and labor cost, even jobsite waste.

Applications

- For any project where flexible armored cable is being used and the electrical needs are repeated throughout the building.

Features

- All components preassembled, ready to install
- Open Center Brackets pre-set for either 16" or 24" studs

STAB-IT 4" Boxes

- STAB-IT connector holds 2 cables
- Built-in cable management clips provide first means of support
- Model ending in HF feature a Heavy Duty Universal Box Support

- All screws inside the ring to eliminate damage from router
- Adjustment screws visible and accessible after the device is installed
- Hinged design allows easy and quick access to install wiring
- For use on wood or metal studs



Adjustable Mud Rings & Hinged Adjustable Mud Rings

- 1/2" to 1-3/8" adjustability range

4" Square Box/Pre-Fab Assemblies

Catalog #	Description	Cu. In. Capacity	Ctn. Qty.
FW1.1	232MSCMHF + 773 / 1G - Mud Ring, Raised 3/4" / M Bracket	30.3	12
FW1.7	232MSCMHF + 768HAMR/1G Hinged Adjustable Mud Ring/M Bracket	30.3	12
FW1.9	232MSCMHF + 768AMR / 1G -Adjustable Mud Ring / M Bracket	30.3	12
FW4.1	232MSCMHF + 779 / 2G - Mud Ring, Raised 3/4" / M Bracket	30.3	12
FW4.7	232MSCMHF + 768HAMR/2G Hinged Adjustable Mud Ring/M Bracket	30.3	12
FW4.9	232MSCMHF + 769AMR / 2G - Adjustable Mud Ring / M Bracket	30.3	12

FW Box Assemblies



4" Square Box/Pre-Fab Assemblies

Catalog No.	Description	Cu. In. Capacity	Ctn. Qty.
FW2.1.16	9020R + 232SCM + 773 / 1G - Mud Ring, Raised 3/4" / 16" Studs	30.3	6
FW2.7.16	9020R + 232SCM + 768HAMR/1G Hinged Adjustable Mud Ring/16" Studs	30.3	6
FW2.9.16	9020R + 232SCM + 768AMR / 1G - Adjustable Mud Ring / 16" Studs	30.3	6
FW3.7.16	9020R + 232SCM + 231 + (2) 768HAMR/1G Hinged Adjustable Mud Ring/16" Studs	30.3 + 30.3	6
FW5.1.16	9020R + 232SCM + 779 / 2G - Mud Ring, Raised 3/4" / 16" Studs	30.3	6
FW5.7.16	9020R + 232SCM + 768HAMR/2G Hinged Adjustable Mud Ring/16" Studs	30.3	6
FW5.9.16	9020R + 232SCM + 769AMR / 2G - Adjustable Mud Ring / 16" Studs	30.3	6
FW3.1.16	9020R + 232SCM + 231 + (2) 773 / 1G - Mud Ring, Raised 3/4" / 16" Studs	30.3	6
FW3.9.16	9020R + 232SCM + 231 + (2) 768AMR / 1G - Adjustable Mud Ring / 16" Studs	30.3 + 30.3	6
FW6.1.16	9020R + (232SCM + 779) / 2G - Mud Ring, Raised 3/4" + (231 + 773) / 1G - Mud Ring, Raised 3/4" / 16" Studs	30.3 + 30.3	6
FW6.7.16	9020R + (232SCM + 768HAMR) 2G Hinged Adjustable Mud Ring + (231 + 769HAMR), 1G Hinged Adjustable Mud Ring/16" Studs	30.3 + 30.3	6
FW6.9.16	9020R + (232SCM + 869AMR) / 2G - Adj. Mud Ring + (231 + 768AMR) / 1G - Adj. Mud Ring / 16" Studs	30.3 + 30.3	6
FW2.1.24	9020R + 232SCM + 773 / 1G - Mud Ring, Raised 3/4" / 24" Studs	30.3	6
FW2.7.24	9020R + 232SCM + 768HAMR 1G Hinged Adjustable Mud Ring/24" Studs	30.3	6
FW2.9.24	9020R + 232SCM + 768AMR / 1G - Adjustable Mud Ring / 24" Studs	30.3	6
AW3.7.24	9020R + 232SCM + 231 + (2) 768HAMR/1G Hinged Adjustable Mud Ring/24" Studs	30.3 + 30.3	6
FW5.1.24	9020R + 232SCM + 779 / 2G - Mud Ring, Raised 3/4" / 24" Studs	30.3	6
FW5.7.24	9020R + 232SCM+ 769HAMR/2G Hinged Adjustable Mud Ring/24" Studs	30.3	6
FW5.9.24	9020R + 232SCM + 769AMR /2G - Adjustable Mud Ring / 24" Studs	30.3	6
FW3.1.24	9020R + 232SCM + 231 + (2) 773 / 1G - Mud Ring, Raised 3/4" / 24" Studs	30.3 + 30.3	6
FW3.9.24	9020R + 232SCM + 231 + (2) 768AMR / 1G - Adj. Mud Ring / 24" Studs	30.3 + 30.3	6
FW6.1.24	9020R + (232SCM + 779) / 2G - Mud Ring, Raised 3/4" + (231 + 773) / 1G - Mud Ring, Raised 3/4" / 24" Studs	30.3	6
FW6.7.24	9020R + (232SCM + 768HAMR) 2G Hinged Adjustable Mud Ring + (231 + 769HAMR), 1G Hinged Adjustable Mud Ring/24" Studs	30.3 + 30.3	6
FW6.9.24	9020R + (232SCM + 769AMR) / 2G - Adj. Mud Ring + (231 + 768AMR) / 1G - Adj. Mud Ring / 24" Studs	30.3	6



Square Boxes and Covers

4" Square Boxes – Welded with Non-Metallic Sheathed Cable Clamps



Applications

- RACO® Boxes are installed in walls or ceilings for lighting fixtures, switches or receptacles
- Square boxes are used where multiple conductor runs are split into two or more directions to bring power to a number of electrical devices

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO patented combination 1/2" and 3/4" knockout

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6.
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

4" Square Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit		
1-1/2" Deep – Welded with Non-Metallic Sheathed Cable Clamps							
211	600V	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	50	—
8211	600V	21.0 (344.1)	4	(4) 1/2", (2) TKO	(1) 1/2"	50	
223	600V, FS, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	
225	600V, B, Flush	21.0 (344.1)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
2-1/8" Deep – Welded with Non-Metallic Sheathed Cable Clamps							
242	600V	30.3 (496.5)	4	(4) 1/2", (2) TKO	(1) 1/2"	25	—
240	600V, TS, Flush	30.3 (496.5)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	—
8240	600V, TS, Flush	30.3 (496.5)	4	(2) 1/2", (1) TKO	(1) 1/2"	25	

See end of section (Pg A88) for detailed drawings »

Square Boxes and Covers

4" Square Covers



752, 8752



753, 8753



754



911-8



787



774, 775, 8775
782



771, 8771, 772, 8772
773, 8773, 768, 8768



785, 786

Applications

- RACO® covers are used to close an outlet box
- Raised device covers are used for mounting switches or receptacles

Product Features

- Angled mounting slots compensate up to 12° for box misalignment
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

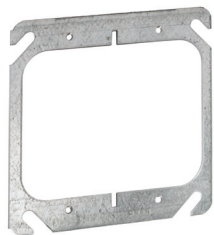
- US LISTED

4" Square Covers

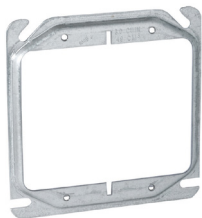
Catalog #	Description	Cubic Inches (CM ³)	Std. Pkg.	Bar Code
Flat Covers				
752	Flat, Blank	—	50	—
8752	Flat, Blank	—	50	
753	Flat, 1/2" KO in Center	—	50	—
8753	Flat, 1/2" KO in Center	—	50	
754	Flat, 3/4" KO in Center	—	50	—
911-8	Flat, Blank, Painted Red	—	50	
Single Device Covers				
787	Flat	—	25	
771	Raised 1/4"	1.5 (24.6)	100	—
8771	Raised 1/4"	1.5 (24.6)	10	
782	Raised 1/2" Tile	3.5 (57.3)	25	
772	Raised 1/2" Drawn	3.5 (57.3)	100	—
8772	Raised 1/2" Drawn	3.5 (57.3)	50	
768	Raised 5/8"	4.5 (73.7)	50	—
8768	Raised 5/8"	4.5 (73.7)	25	
773	Raised 3/4"	5.5 (90.1)	50	—
8773	Raised 3/4"	5.5 (90.1)	24	
774	Raised 1"	7.5 (122.9)	25	
775	Raised 1-1/4"	9.5 (115.6)	25	—
8775	Raised 1-1/4"	9.5 (115.6)	25	
785	Raised 1-1/2"	11.3 (185.2)	25	—
786	Raised 2"	14.5 (237.6)	25	—

Square Boxes and Covers

4" Square Covers



791



777, 8777-0



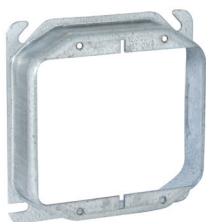
778, 8778



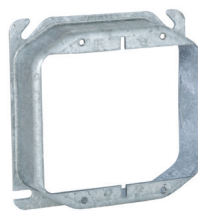
769, 8769



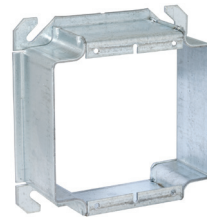
779, 8779



780



781, 8781



795, 796

Applications

- Raised device covers are used for mounting switches or receptacles
- Low voltage partitions may be added to conduit-type boxes to divide power from voice/data

Product Features

- Angled mounting slots compensate up to 12° for box misalignment

Compliance

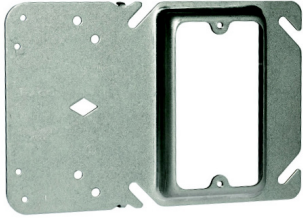
-  US LISTED

4" Square Two Device and Tile Covers

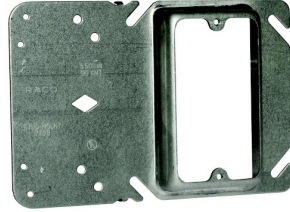
Catalog #	Description	Cubic Inches (CM ³)	Std. Pkg.	Bar Code
791	Flat	—	25	
777	Raised, 1/4", Drawn	3.0 (49.2)	50	—
8777-0	Raised, 1/4", Drawn	3.0 (49.2)	10	
778	Raised, 1/2", Drawn	5.5 (90.1)	50	—
8778	Raised, 1/2", Drawn	5.5 (90.1)	25	
769	Raised, 5/8", Drawn	7.3 (119.6)	50	—
8769	Raised, 5/8", Drawn	7.3 (119.6)	25	
779	Raised, 3/4", Drawn	8.8 (144.2)	50	—
8779	Raised, 3/4", Drawn	8.8 (144.2)	25	
780	Raised, 1", Drawn	12.0 (196.6)	25	
781	Raised, 1-1/4", Drawn	15.0 (245.8)	25	—
8781	Raised, 1-1/4", Drawn	15.0 (245.8)	25	
795	Raised, 1-1/2", Welded	15.5 (253.9)	25	—
796	Raised, 2", Welded	20.5 (335.9)	25	—

Square Boxes and Covers

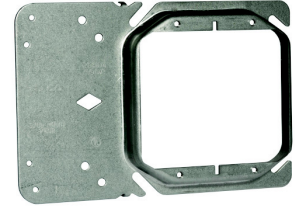
Stud Mount Mud Rings



768B



773B



769B

Applications

- RACO Stud-Mount Mud Rings provide secure support for 4" square boxes and feature a built-in mud ring.

Product Features

- Rigid bracket design eliminates the need for far-side support
- Ability to eliminate electrical boxes in low-voltage installations
- Can be installed from both sides of steel studs
- Positive posting tabs ensure consistent alignment on stud
- Center window for accurate positioning
- Works with all box depths and stud sizes with no adjustment required
- Mounts quickly and easily to face of stud

Compliance

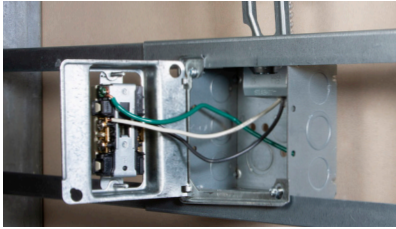
- 

4" Stud Mount Mud Rings

Catalog #	Description	Wt. Lbs. Per 100	Cubic Inches	Std. Pkg.	Bar Code
768B	One Device Raised 5/8"	44	4.5	25	
773B	One Device Raised 3/4"	47	5.5	25	
769B	Two Device Raised 5/8"	40	7.3	20	

Square Boxes and Covers

Hinged Mud Rings



772H



768H



773H



778H



769H



779H

Applications

- Perfect for boxes mounted behind drywall or ceramic tile in commercial or residential applications

Product Features

- Unique design allows for mud ring to be opened in the field
- Hinged design allows for easy and quick access to install conduit connectors and wiring
- Accepts all standard devices
- 2-gang versions accept low voltage partitions

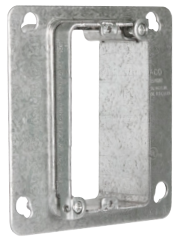
Compliance

-  LISTED

Hinged Mud Rings for 4" Square Boxes

Catalog #	Description	Std. Pkg.	Bar Code
772H	1-Gang Hinged Mud Ring 1/2" Raised	25	
768H	1-Gang Hinged Mud Ring 5/8" Raised	25	
773H	1-Gang Hinged Mud Ring 3/4" Raised	25	
778H	2-Gang Hinged Mud Ring 1/2" Raised	25	
769H	2-Gang Hinged Mud Ring 5/8" Raised	25	
779H	2-Gang Hinged Mud Ring 3/4" Raised	25	

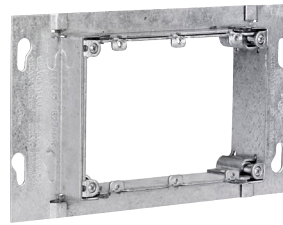
Adjustable Mud Rings



768AMR, 8768AMR



769AMR, 8769AMR



822AMR



756AMR

Applications

- Maintain code-compliant installations in hospitals, health care and multi-family applications. Great for use with ceramic tile

Product Features

- 1/2" to 1-3/8" adjustability range
- Depth adjusted by 2 screws located on opposite sides
- Adjustment screws are clearly visible and accessible even after device is installed
- All screws are inside of ring eliminating damage from router
- Design allows 2-gang cover to be installed without removing box screws
- For use with 2-1/8" deep boxes only

Compliance

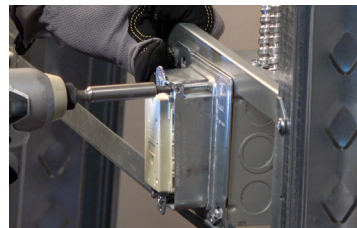
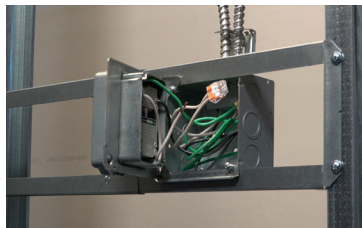
-  US LISTED

Adjustable Mud Rings

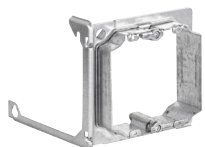
Catalog #	Description	Std. Pkg.	Bar Code
768AMR	1-Gang Adjustable Mud Ring For 4" Sq. Boxes	25	—
8768AMR	1-Gang Adjustable Mud Ring For 4" Sq. Boxes	10	
769AMR	2-Gang Adjustable Mud Ring For 4" Sq. Boxes	25	—
8769AMR	2-Gang Adjustable Mud Ring For 4" Sq. Boxes	10	
822AMR	3-Gang Adjustable Round Mud Ring For 942 Box	10	—
756AMR	Adjustable Round Mud Ring For 4" Sq. Boxes	25	—

Square Boxes and Covers

Hinged Adjustable Mud Rings



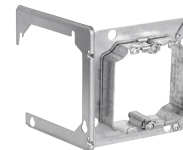
768HAMR



769HAMR



843HAMR



818HAMR

Applications

- Maintain code-compliant installations in hospitals, health care and multi-family applications. Perfect for boxes mounted behind drywall or ceramic tile.

Product Features

- 1/2" to 1-3/8" adjustability range
- Available for 4" square and 4-11/16" square boxes
- 1-Gang and 2-Gang versions
- Hinged design allows easy and quick access to install conduit connectors and wiring
- Adjustment screws are clearly visible and accessible even after device is installed
- Unique design allows for mud ring to be opened in the field
- Design allows 2-gang cover to be installed without removing box screws
- For use with 2-1/8" deep boxes

Compliance

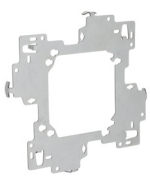
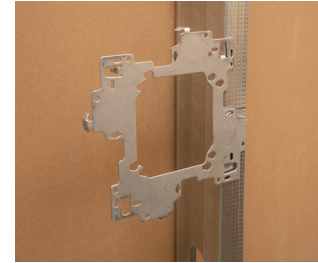
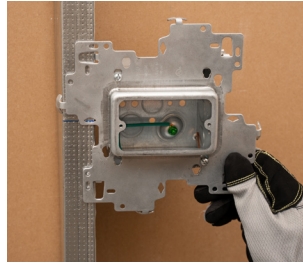
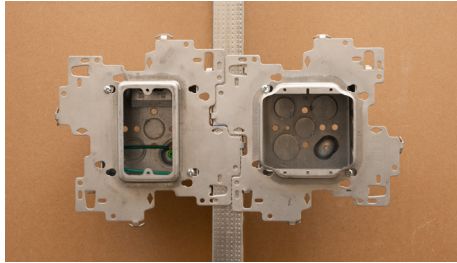
-  LISTED

Hinged Adjustable Mud Rings

Catalog #	Description	Std. Pkg.	Bar Code
For 4" Square Boxes			
768HAMR	1-Gang Hinged Adjustable Mud Ring	25	—
769HAMR	2-Gang Hinged Adjustable Mud Ring	25	—
For 4-11/16" Square Boxes			
843HAMR	1-Gang Hinged Adjustable Mud Ring	25	—
818HAMR	2-Gang Hinged Adjustable Mud Ring	25	—

Notes: Saves time and improves productivity.

Universal Stud Mount Brackets



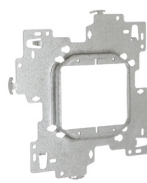
USMB



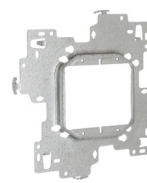
USMB134



USMB158



USMB234



USMB258



USMB1A



USMB2A

Applications

- RACO Universal Stud Mount Brackets provide secure support for 4" and 4-11/16" square boxes on metal studs.

Product Features

- Snap to metal stud or to an open center bracket* makes installation hands free, saving time and increasing productivity
- Rigid bracket design eliminates the need for far-side support
- Ability to eliminate electrical boxes in low-voltage installations
- Can be mounted vertically or horizontally
- Mounts to either side of the stud and can be mounted side by side on the same stud
- Positive Posting Tabs ensure consistent alignment on stud
- Center window for accurate positioning
- Works with all box depths and stud sizes with no adjustment required
- Universal Stud Mount Bracket works with any mud ring

Universal Stud Mount Brackets

Catalog #	Description	Carton Unit Qty.	Carton Dimensions H x W x D (in.)	Carton I2of5
USMB	Universal Stud Mount Bracket	20	7.500 x 8.375 x 8.375	50050169985569
USMB134	Universal Stud Mount Bracket Single Device 3/4" Raised Mud Ring	20	8.500 x 8.250 x 12.375	50050169985576
USMB158	Universal Stud Mount Bracket Single Device 5/8" Raised Mud Ring	20	7.375 x 8.250 x 12.375	50050169985583
USMB234	Universal Stud Mount Bracket Two Device 3/4" Raised Mud Ring	20	8.500 x 8.250 x 12.375	50050169985590
USMB258	Universal Stud Mount Bracket Two Device 5/8" Raised Mud Ring	20	7.375 x 8.250 x 12.375	50050169985606
USMB1A	Universal Stud Mount Bracket Single Device Adjustable Mud Ring	20	8.875 x 9.750 x 14.000	50050169985620
USMB2A	Universal Stud Mount Bracket Two Device Adjustable Mud Ring	20	8.875 x 12.250 x 14.813	50050169985637

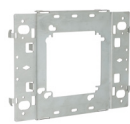
Notes: Works with open center bracket item 9030G.

Compliance

- US LISTED



Ultimate G Series Mounting Brackets



9030GP



232GSCM



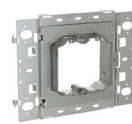
252GSCM



768HAMRGH



768HAMRG



769HAMRG



9030G



995

Maximize your flexibility and productivity with the Ultimate G series brackets from RACO. The gangable design saves time and effort on the jobsite, allowing for hands-free installation. Snap on to any stud or to the new open center bracket. Ideal for prefab applications.

Applications

- Ideal for prefab applications, the Ultimate G series brackets work with both 4" boxes and mud rings or 4-11/16" boxes and mud rings, mount to studs or open center bracket.

Product Features

- Snap to stud or open center bracket for hands-free installation
- Save time and increase productivity
- For low-voltage installations the bracket can be used without electrical boxes
- Mounts to either side of the stud
- Gangable, making it easy to add boxes on either side
- Positive posting tabs ensure consistent alignment on the stud
- Center window for accurate positioning
- Works with all box depths and stud sizes with no adjustment required
- Available with integrated Hinged Adjustable Mud Rings
- 232GSCM and 252GSCM feature our STAB-iT® boxes with cable management

Ultimate G Series Mounting Brackets

Catalog #	Description	Carton Unit Qty.	Carton Dimensions H x W x D (in.)	Carton 12of5
9030GP	Ultimate G series mounting bracket	25	9.740 x 6.500 x 9.000 x 13.250	50050169985491
232GSCM	Ultimate G series mounting bracket with 4 In STAB-iT box	12	16.320 x 8.000 x 13.000 x 13.750	50050169985507
252GSCM	Ultimate G series mounting bracket 4-11/16 STAB-iT II box	12	19.900 x 8.000 x 13.000 x 15.125	50050169985514
768HAMRGH	Ultimate G series mounting bracket single device horizontal with HAMR	20	21.200 x 7.500 x 13.000 x 16x000	50050169985521
768HAMRG	Ultimate G series mounting bracket single device with HAMR	20	21.200 x 7.500 x 13.000 x 16x000	50050169985538
769HAMRG	Ultimate G series mounting bracket two device with HAMR	20	21.200 x 7.500 x 13.000 x 16x000	50050169985545
9030G	Open center bracket for G & S series	25	21.200 x 7.500 x 13.000 x 16x000	50050169985484
995	Box support bracket - Ultimate G series	50	21.200 x 7.500 x 13.000 x 16x000	50050169985552

Square Boxes and Covers

4" Square Partitions

Applications

- Low voltage partitions may be added to conduit-type boxes to divide power from voice/data
- Must be used with raised covers

Product Features

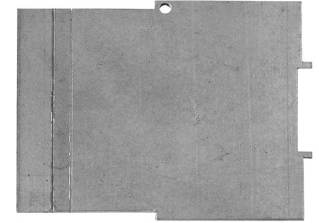
- Partition divides 4" square boxes into two compartments
- Use with two-device covers which have a slot for the partition
- Partition is scored so it can be broken at the proper depth of box and cover combination
- Helpful hint: Assemble the box with the partition in place before breaking off at the scored tab. This will prevent you from breaking off more tab than needed



706RAC



707RAC



709

Low Voltage Partitions

Cat. #	Description	Std. Pkg.	Bar Code
For 1-1/2" Depth Boxes and 2-Device Covers			
706RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—
For 2-1/8" Depth Boxes and 2-Device Covers*			
707RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—
709	Fits 1-1/4", 1-1/2" or 2" Cover Depth (#781, 8781, 795, 796)	25	—

Notes: Boxes, covers, and partitions must be ordered separately.
 For 5/8" cover depth, use the 3/4" break.
 Partitions are usable but not UL listed for 4-11/16" sq. box.

4" Square Fixture Covers

Applications

- Raised fixture covers are used where fixtures will be installed

Product Features

- Angled mounting slots compensate up to 12° for box misalignment
- Swivel covers restricted to 20° swing from vertical
- KWIK-HANG® 897KH allows easy installation of high bay lighting fixtures. Fixture rests in position while wiring is completed



756-759, 767, 8756, 8767



897KH

4" Square Covers

Cat. #	Description	Cubic Inches (Cm3)	Recommended Max. Loads		Std. Pkg.	Bar Code
			Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
Fixture Covers						
767	Raised, 1/2" Open, Ears 2-3/4" O.C.	3.0 (49.2)	No	50	25	—
8767	Raised, 1/2" Open, Ears 2-3/4" O.C.	3.0 (49.2)	No	50	25	
756	Raised, 5/8" Open, Ears 2-3/4" O.C.	4.0 (65.5)	No	50	100	—
8756	Raised, 5/8" Open, Ears 2-3/4" O.C.	4.0 (65.5)	No	50	25	
759	Raised, 3/4" Open, Ears 2-3/4" O.C.	5.0 (81.9)	No	50	25	
757	Raised, 1" Open, Ears 2-3/4" O.C.	6.8 (111.4)	No	50	25	
758	Raised, 1-1/4" Open, Ears 2-3/4" O.C.	8.5 (139.3)	No	50	25	—
Swivel Fixture Covers						
897KH	KWIK-HANG® for 4" Sq. Boxes, 1/2" or 3/4" Pipe	—	No	50	25	

Compliance

- UL US LISTED

Square Boxes and Covers



4" Square Exposed Work Covers



Applications

- RACO® surface covers are used to support switches or receptacles in areas where the box is surface mounted or positioned in exposed work applications

Product Features

- Exposed work covers include screws and nuts where required
- RACO® Exposed work covers meet the requirements of the 2020 NEC Article 250.146 (A). No bonding jumper is required for covers with:
 1. Crushed corners
 2. Two or more device attachment fasteners that are permanent with thread-locking, screws, or nut-locking means
 3. Insulating retaining washer removed for at least one device attachment screw

Compliance



4" Square Exposed Work Covers

Catalog #	Description	Cubic In. (CM ³)	Std. Pkg.	Bar Code
Crushed Corner Covers - Raised 1/2"				
800C	1 Toggle Switch	6.5 (106.5)	10	
801C	1 Receptacle 1.406" Dia.	6.5 (106.5)	10	
803C	2 Toggle Switches	6.5 (106.5)	10	
804C	Blank, No Holes	6.5 (106.5)	10	
805C	1 Toggle Switch and 1 Receptacle 1.406" Dia.	6.5 (106.5)	10	
806C	1 Duplex and 1 Receptacle 1.406" Dia.	6.5 (106.5)	10	
807C	2 Receptacles 1.406" Dia.	6.5 (106.5)	10	
808C	1 GFCI	6.5 (106.5)	10	
809C	2 GFCI	6.5 (106.5)	10	
810C	30A-50A Receptacle 2.141" Dia.	6.5 (106.5)	10	
811C	30A Locking 1.719" Dia.	6.5 (106.5)	10	
812C	20A Receptacle 1.620" Dia.	6.5 (106.5)	10	
813C	30-60A Receptacle 2.625" Dia.	6.5 (106.5)	10	
814C	1 GFCI and 1 Toggle Switch	6.5 (106.5)	10	
831C	1 Duplex, 1 20A, 1.620" Dia.	6.5 (106.5)	10	
902C	1 Duplex Receptacle	6.5 (106.5)	10	
906C	1 Duplex Receptacle and 1 Toggle Switch	6.5 (106.5)	10	
907C	2 Duplex Receptacles	6.5 (106.5)	10	
915C	1 GFCI and 1 Duplex Receptacle	6.5 (106.5)	10	
Universal Crushed Corner Covers - Raised 1/2", Insert Plates				
808U	Universal for 1 Device: 1 GFCI, 1 Duplex, 1 Toggle	6.5 (106.5)	10	
809U	Universal for 2 Devices: 2 GFCI, 2 Duplex or 2 Toggle	6.5 (106.5)	10	
811U	Universal for 1 Round Device: 1.405" Dia. Hole, 1.620" Dia. Hole, 1.709" Dia. Hole	6.5 (106.5)	10	



Square Boxes and Covers

4-11/16" Square Boxes and Extension Rings - Drawn with Conduit KOs



245



246



247



250



262

Applications

- RACO® 4-11/16" Boxes are used for a wide variety of industrial applications where larger sized conductors or wiring devices are needed and more volume is required
- Drawn boxes are ideal for exposed work applications (surface mounted wiring)
- RACO® Extension rings provide a means for adding cubic inch capacity or as an outlet box for surface conduit

Product Features

- Combination screw heads provide for faster installation

Compliance



4-11/16" Square Boxes, 1-1/2" Deep - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
245	—	29.5 (483.4)	(12) 1/2"	(3) 1/2", (2) 3/4"	25	—
246	—	29.5 (483.4)	(10) 3/4"	(3) 1/2", (2) 3/4"	25	—
247	—	29.5 (483.4)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	25	—

4-11/16" Square Extension Rings - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
250	1-1/2" Depth	29.5 (483.4)	(8) 1/2", (4) 3/4"	—	25	—
262	2-1/8" Depth	43.0 (704.6)	(8) 1/2", (4) 3/4"	—	25	

See end of section (Pg A79) for detailed drawings »

Square Boxes and Covers



Stab-IT II - 4-11/16" Square Boxes

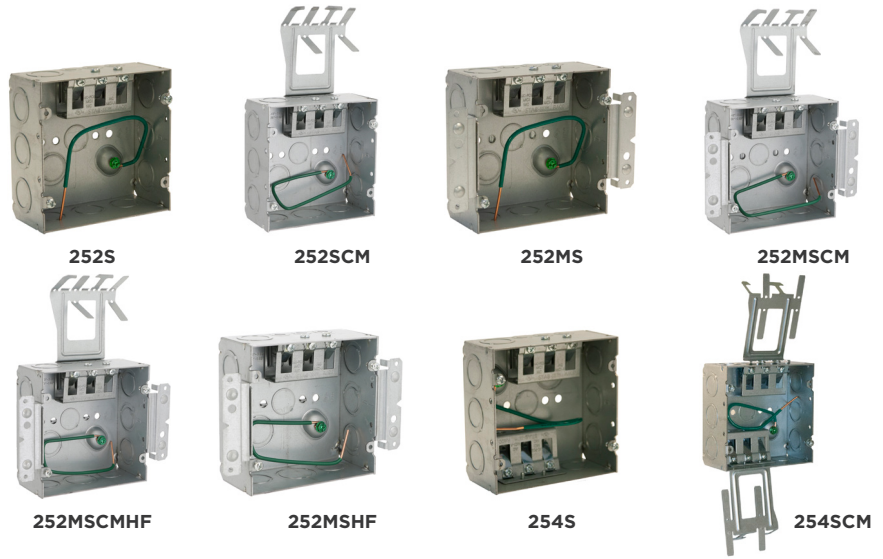
Applications

- For any job where flexible armored cable is being used
- Ideal for pre-fab

Product Features

- Accepts larger cable, including PC-PCS luminaire cables for smart building applications
- 3 times faster than traditional connectors
- Each Stab-IT connector accommodates three cables
- Available with built-in cable management clip, offering first means of support
- Available with "M" brackets for stud mounting
- Pre-installed 8" solid #12 pigtail for faster
- Suitable for use without a bonding jumper in circuits up to 600 volts
- Improved design allows each cable to easily be removed, allows connector to be reused

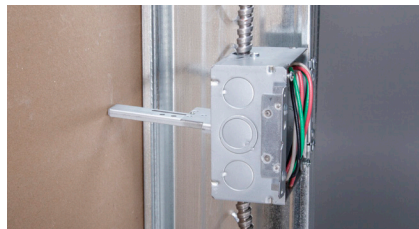
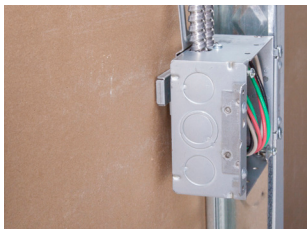
Compliance



4-11/16" Square Stab-IT® Box, 2-1/8" Deep – Welded with Armored Cable/Metal Clad/Flex Clamps

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code	
			Cable Priouts	Sides Conduit	Bottom Conduit			
252S*	(1) Stab-IT II Connector, w/Pigtail	42.0 (688.3)	3	(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–	
252SCM*	(1) Stab-IT II Connector, w/Pigtail, & Cable Mgmt. Clip			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–	
252MS*	(1) Stab-IT II Connector, M brkts., w/Pigtail & UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–	
252MSCM*	(1) Stab-IT II Connector, M brkts., w/Pigtail, Cable Mgmt. Clip & UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–	
252MSCMHF	(1) Stab-IT II Connector, M brkts., w/Pigtail, Cable Mgmt. Clip & heavy duty UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–	
252MSHF	(1) Stab-IT II Connector, M brkts., w/pigtail & heavy duty UBS			(9) 1/2"-3/4", (1) 3/4"-1" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–	
254S*	(2) Stab-IT II Connectors on top, w/pigtail			6	(8) 1/2"-3/4" TKO	(1) 1/2", (1) 1/2"-3/4" TKO	25	–
254SCM*	(2) Stab-IT II Connectors on top, w/Pigtail, Cable Mgmt. Clips & UBS					(1) 1/2", (1) 1/2"-3/4" TKO	25	–
987	Heavy duty Universal Box Support (UBS)	–	–	–	25	–		

Notes: * cULus Listed. All other models are UL Listed.

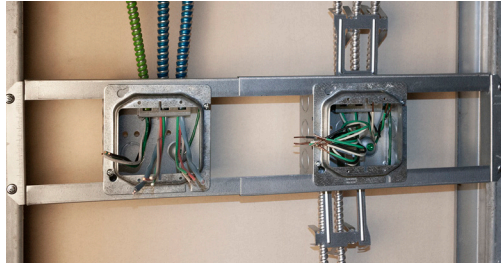


New, Heavy Duty UBS (987), accommodates 2.5" - 6" stud depths featured on models ending in HF

All models with an "M" or "H" after the 3 digit number feature RACO's Universal Box Support. This excludes part numbers ending with "HF"

See end of section (Pg A89) for detailed drawings »

4-11/16" Stab-IT® II Box Assemblies for Pre-Fab



Save time and effort!



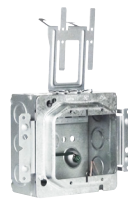
AW1.1



AW1.7



AW1.9



AW4.1



AW4.7



AW4.9

Save time and labor on any job with RACO ProReady™ prefab assemblies. Components are pre-assembled, ready to install right out of the box. Ensure quality while reducing material and labor cost, even jobsite waste.

Applications

- For any job where flexible armored cable is use and the project has repeating electrical needs.

Features

- All components preassembled, ready to install
- Open Center Brackets pre-set for either 16" or 24" studs

Stab-IT II 4-11/16" Boxes

- Stab-IT connector holds 3 cables
- Built-in cable management clips provide first means of support

- Model ending in HF feature a Heavy Duty Universal Box Support

Adjustable Mud Rings & Hinged Adjustable Mud Rings

- 1/2" to 1-3/8" adjustability range
- All screws inside the ring to eliminate damage from router
- Adjustment screws visible and accessible after the device is installed
- Hinged design allows easy and quick access to install wiring
- For use on wood or metal studs
- Designed and assembled in USA



Components

- 252MSCMHF: 4-11/16" Sq., 2-1/8" deep, (1) STAB-IT II connector, M Bracket, Pigtail Heavy Duty Universal Box Support, and Cable Management Clip
- 252SCM: 4-11/16" Sq., 2-1/8" deep, (1) STAB-IT II connector, Pigtail and Cable Management Clip
- 265: 4-11/16" Sq., 2-1/8" deep, Raised Ground
- 9020R: Adjustable Open Center Bracket - 16" to 24"
- 838: 1G Fixed Mud Ring 3/4"
- 840: 2G Fixed Mud Ring 3/4"
- 868AMR: 1G Adjustable Mud Ring
- 869AMR: 2G Adjustable Mud Ring
- 843HAMR 1G Hinged Adjustable Mud Ring
- 818HAMR 2G Hinged Adjustable Mud Ring

4-11/16" Square Box/Pre-Fab Assemblies

Catalog #	Description	Cu. In. Capacity	Ctn. Qty.
AW1.1	252MSCMHF + 838 / 1G - Mud Ring, Raised 3/4" / M Bracket	42.0	12
AW1.7	252MSCMHF + 843HAMR/1G Hinged Adjustable Mud Ring/M Bracket	42.0	12
AW1.9	252MSCMHF + 868AMR / 1G -Adjustable Mud Ring / M Bracket	42.0	10
AW4.1	252MSCMHF + 840 / 2G - Mud Ring, Raised 3/4" / M Bracket	42.0	12
AW4.7	252MSCMHF + 818HAMR/2G Hinged Adjustable Mud Ring/M Bracket	42.0	12
AW4.9	252MSCMHF + 869AMR / 2G - Adjustable Mud Ring / M Bracket	42.0	10

AW Box Assemblies



4-11/16" Square Box/Pre-Fab Assemblies

Catalog No.	Description	Cu. In. Capacity	Ctn. Qty.
AW2.1.16	9020R + 252SCM + 838 / 1G - Mud Ring, Raised 3/4" / 16" Studs	42.0	6
AW2.7.16	9020R + 252SCM + 843HAMR/1G Hinged Adjustable Mud Ring/16" Studs	42.0	6
AW2.9.16	9020R + 252SCM + 868AMR / 1G - Adjustable Mud Ring / 16" Studs	42.0	6
AW5.1.16	9020R + 252SCM + 840 / 2G - Mud Ring, Raised 3/4" / 16" Studs	42.0	6
AW5.7.16	9020R + 252SCM + 818HAMR/2G Hinged Adjustable Mud Ring/16" Studs	42.0	6
AW5.9.16	9020R + 252SCM + 869AMR / 2G - Adjustable Mud Ring / 16" Studs	42.0	6
AW3.1.16	9020R + 252SCM + 265 + (2) 838 / 1G - Mud Ring, Raised 3/4" / 16" Studs	42.0	6
AW3.7.16	9020R + 252SCM + 265 + (2) 843HAMR/1G Hinged Adjustable Mud Ring/16" Studs	42.0 + 42.0	6
AW3.9.16	9020R + 252SCM + 265 + (2) 868AMR / 1G - Adjustable Mud Ring / 16" Studs	42.0	6
AW6.1.16	"9020R + (252SCM + 840) / 2G - Mud Ring, Raised 3/4" + (265 + 838) / 1G - Mud Ring, Raised 3/4" / 16" Studs"	42.0 + 42.0	6
AW6.7.16	"9020R + (252SCM + 818HAMR) 2G Hinged Adjustable Mud Ring + (265 + 843HAMR), 1G Hinged Adjustable Mud Ring/16" Studs"	42.0 + 42.0	6
AW6.9.16	"9020R + (252SCM + 869AMR) / 2G - Adj. Mud Ring + (265 + 868AMR) / 1G - Adj. Mud Ring / 16" Studs"	42.0	6
AW2.1.24	9020R + 252SCM + 838 / 1G - Mud Ring, Raised 3/4" / 24" Studs	42.0	6
AW2.7.24	9020R + 252SCM + 843HAMR 1G Hinged Adjustable Mud Ring/24" Studs	42.0	6
AW2.9.24	9020R + 252SCM + 868AMR / 1G - Adjustable Mud Ring / 24" Studs	42.0	6
AW3.7.24	9020R + 252SCM + 265 + (2) 843HAMR/1G Hinged Adjustable Mud Ring/24" Studs	42.0 + 42.0	6
AW5.1.24	9020R + 252SCM + 840 / 2G - Mud Ring, Raised 3/4" / 24" Studs	42.0	6
AW5.7.24	9020R + 252SCM+ 818HAMR/2G Hinged Adjustable Mud Ring/24" Studs	42.0	6
AW5.9.24	9020R + 252SCM + 869AMR /2G - Adjustable Mud Ring / 24" Studs	42.0	6
AW3.1.24	9020R + 252SCM + 265 + (2) 838 / 1G - Mud Ring, Raised 3/4" / 24" Studs	42.0 + 42.0	6
AW3.9.24	9020R + 252SCM + 265 + (2) 868AMR / 1G - Adj. Mud Ring / 24" Studs	42.0 + 42.0	6
AW6.1.24	9020R + (252SCM + 840) / 2G - Mud Ring, Raised 3/4" + (265 + 838) / 1G - Mud Ring, Raised 3/4" / 24" Studs	42.0 + 42.0	6
AW6.7.24	"9020R + (252SCM + 818HAMR) 2G Hinged Adjustable Mud Ring + (265 + 843HAMR), 1G Hinged Adjustable Mud Ring/24" Studs"	42.0 + 42.0	6
AW6.9.24	"9020R + (252SCM + 869AMR) / 2G - Adj. Mud Ring + (265 + 868AMR) / 1G - Adj. Mud Ring / 24" Studs"	42.0 + 42.0	6



4-11/16" Square Boxes – Welded with Conduit KOs



Applications

- RACO® 4-11/16" Boxes are used for a wide variety of industrial applications where larger sized conductors or wiring devices are needed and more volume is required

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- BOX-LOC® (MS) Bracket Box is a snap to install. Place the bracket on the open side of the stud first. Slots in the bracket engage the lip of the stud and actually crimp it as you press the bracket on the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts allow for design and installation flexibility
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

- LISTED
- **600V**, Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

See end of section (Pg A89) for detailed drawings »

4-11/16" Square Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
2-1/8" Deep – Welded with Conduit KOs						
257	600V, Raised Ground	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	—
8257	600V, Raised Ground	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	
8257SP	600V, Raised Ground	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	20	
258	600V, Raised Ground	42.0 (688.2)	(8) 1"	(1) 1/2", (3) TKO	25	—
259*	600V, Raised Ground	42.0 (688.2)	(6) 1-1/4"	(1) 1/2", (3) TKO	25	—
265	600V, Raised Ground	42.0 (688.2)	(4) 3/4", (4) 1"	(1) 1/2", (3) TKO	25	—
8265	600V, Raised Ground	42.0 (688.2)	(4) 3/4", (4) 1"	(1) 1/2", (3) TKO	25	
8265SP	600V, Raised Ground	42.0 (688.2)	(4) 3/4", (4) 1"	(1) 1/2", (3) TKO	20	
911-12	600V, Raised Ground, Painted Red	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	—
257SM	600V, Raised Ground, 10" #12 Stranded Copper Pigtail	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	25	
258SM	600V, Raised Ground, 10" #12 Stranded Copper Pigtail	42.0 (688.2)	(8) 1"	(1) 1/2" (3) TKO	25	
257F	600V, Raised Ground, 8" #12 Solid Copper Pigtail, UBS	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
Bracketed Boxes, 2-1/8" Deep – Welded with Conduit KOs						
257H	600V, Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
257HS	600V, Raised Ground, 10" #12 Stranded Copper Pigtail, UBS, HM	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
257M	600V, Raised Ground, 8" #12 Solid Copper Pigtail, UBS, HM	42.0 (688.2)	(12) TKO	(1) 1/2" (3) TKO	20	—
254	600V, Raised Ground, FM	42.0 (688.2)	(9) TKO	(1) 1/2", (3) TKO	25	
266	600V, Raised Ground, BOX-LOC®, MS Flush, Provided w/Far-side support (part #978)	42.0 (688.2)	(9) TKO	(1) 1/2" (3) TKO	25	

Notes: * Not UL Rated.

Square Boxes and Covers

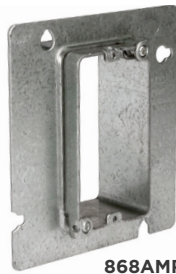
4-11/16" Adjustable Mud Rings

Applications

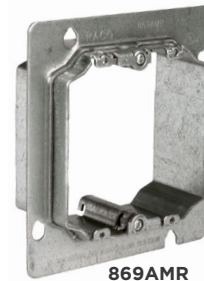
- Maintain code-compliant installations in hospitals, health care and multi-family applications. Great for use with ceramic tile

Product Features

- 1/2" to 1-3/8" adjustability range
- Depth adjusted by 2 screws located on opposite sides
- Adjustment screws are clearly visible and accessible even after device is installed
- All screws are inside of ring eliminating damage from router
- Design allows 2-gang cover to be installed without removing box screws
- For use with 2-1/8" deep boxes only



868AMR



869AMR

Adjustable Mud Rings

Catalog #	Description	Std. Pkg.
868AMR	1-Gang Adjustable Mud Ring For 4-11/16" Sq. Boxes	25
869AMR	2-Gang Adjustable Mud Ring For 4-11/16" Sq. Boxes	25

Compliance



4-11/16" Square Covers



832, 832SP



833, 8833-5



911-11



837, 8837



843



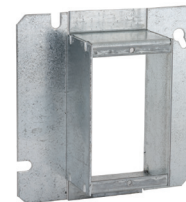
838



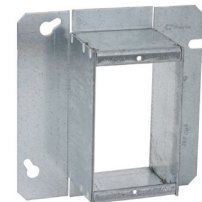
839



842



898



899

Applications

- Covers are used to close an outlet box
- Raised device covers are used for mounting switches or receptacles

Product Features

- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance



4-11/16" Square Flat Covers

Cat. #	Description	Std. Pkg.	Bar Code
832	Flat, Blank	50	
832SP	Flat, Blank	25	
833	Flat, 1/2" KO, Centered	50	
8833-5*	Flat, 1/2" KO, Centered	50	
911-11	Flat, Blank, Painted Red	50	—

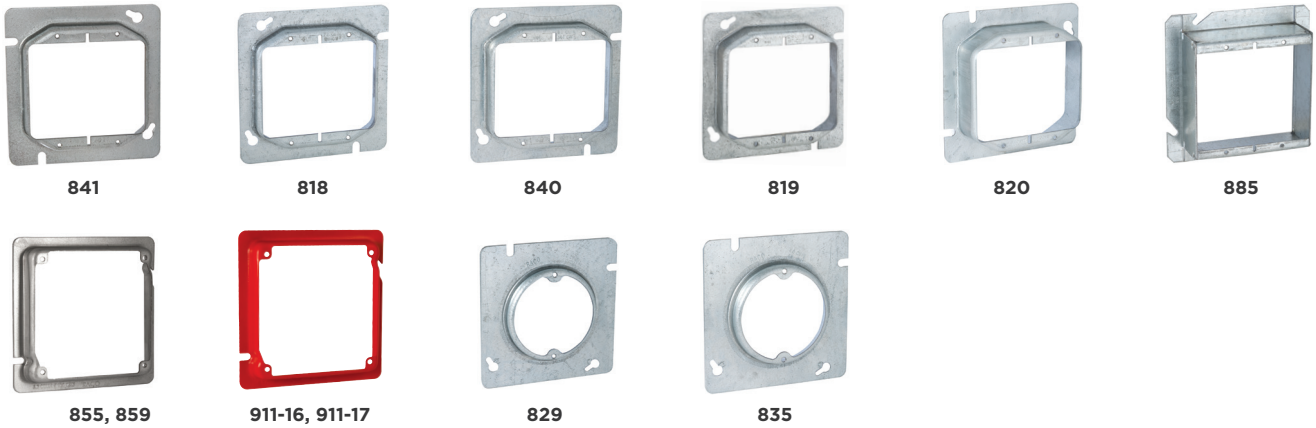
Notes: *5 Bundles of 10 - sold in carton quantities only.

4-11/16" Square Single Device and Tile Covers

Cat. #	Description	Cu. In. (CM ³)	Std. Pkg.	Bar Code
837	Raised 1/2"	3.5 (57.3)	25	—
8837	Raised 1/2"	3.5 (57.3)	25	
843	Raised 5/8"	4.5 (73.7)	25	
838	Raised 3/4"	5.5 (90.1)	25	—
839	Raised 1"	7.5 (122.9)	25	—
842	Raised 1-1/4"	9.5 (155.6)	25	—
898	Raised 1-1/2"	11.0 (180.2)	20	—
899	Raised 2"	16.0 (262.2)	20	—

Square Boxes and Covers

4-11/16" Square Covers



Applications

- RACO® 4-11/16" raised device covers are for mounting switches or receptacles
- Raised fixture covers are used where fixtures will be installed

Product Features

- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliance

-  US LISTED

4-11/16" Square Two Device and Tile Covers

Catalog #	Description	Cubic In. (CM ³)	Std. Pkg.	Bar Code
841	Raised 1/2"	5.5 (90.3)	25	
818	Raised 5/8"	7.3 (119.6)	25	—
840	Raised 3/4"	8.8 (144.2)	25	—
819	Raised 1"	12.0 (196.6)	25	—
820	Raised 1-1/4"	15.0 (245.8)	25	—
885	Raised 1-1/2"	15.5 (254.0)	20	—
855	Raised 5/8", For Life Safety Appliances & Emergency Exit Signs	8.3 (136.0)	25	—
859	Raised 1-1/4", For Life Safety Appliances & Emergency Exit Signs	16.0 (262.0)	12	—
911-16	Raised 5/8", For Life Safety Appliances & Emergency Exit Signs, Painted Red	8.3 (136.0)	25	—
911-17	Raised 1-1/4", For Life Safety Appliances & Emergency Exit Signs, Painted Red	16.0 (262.0)	12	—

4-11/16" Square Fixture Covers

Cat. #	Description	Cubic Inches (CM ³)	Recommended Max. Loads		Std. Pkg.	Bar Code
			Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
829	Raised 1/2", Open, Ears 2-3/4" O.C.	3.0 (49.6)	No	50	25	
835	Raised 5/8", Open, Ears 2-3/4" O.C.	4.0 (65.5)	No	50	25	—

Square Boxes and Covers

4-11/16" Square Exposed Work Covers



Applications

- RACO® surface covers are used to support switches or receptacles in areas where the box is surface mounted or positioned in exposed work applications

Product Features

- RACO® exposed work covers include required hardware for mounting the receptacle(s)
- RACO® Exposed work covers meet the requirements of the 2020 NEC Article 250.146 (A). No bonding jumper is required for covers with:
 1. Crushed corners
 2. Two or more device attachment fasteners that are permanent with thread-locking, screws, or nut-locking means
 3. A lock washer or equivalent
- Hardware and cover are packed in a polybag with printed catalog number, compliances and installation instructions

Compliance

-  US LISTED

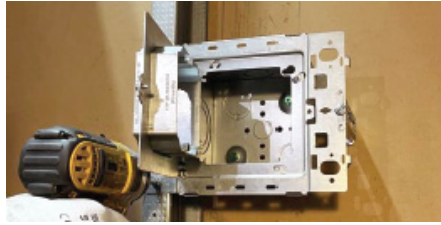
4-11/16" Exposed Work Covers

Catalog #	Description	Cubic In. (CM ³)	Std. Pkg.	Bar Code
856	1 Decorator Device or GFCI	10.3 (168.7)	10	
857	2 Decorator devices or GFCI	10.3 (168.7)	10	
858	1 Toggle Switch and 1 GFCI	10.3 (168.7)	10	
870RAC	1 Toggle Switch	10.3 (168.7)	10	
878	30-50A Receptacle 2.141" Dia.	10.3 (168.7)	10	
887	20A Receptacle 1.594" Dia.	10.3 (168.7)	10	
888	30-60A Receptacle 2.625" Dia.	10.3 (168.7)	10	
959	1 Duplex and 1 GFCI	10.3 (168.7)	10	
972	1 Duplex Receptacle	10.3 (168.7)	10	
979	2 Duplex Receptacles	10.3 (168.7)	10	
881RAC	2 Toggle Switches	10.3 (168.7)	10	
876	1 Toggle Switch and 1 Duplex Receptacle	10.3 (168.7)	10	

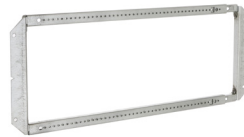
Square Boxes and Covers

NEW PRODUCT

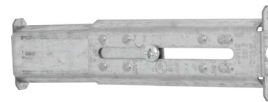
5" Square Data Box



905SQ



9030G



995

Large capacity box for audio, video, data, and power applications. This 5" data box provides ample space for high speed and fiber optical cable bends. Extra-large knockouts are included for pulling pre-terminated cables.

Applications

- Mounts with 905SQ to stud or 9030G open center bracket
- Built for use with 9030G open center bracket
- Mounts to box support ceiling to terminate home runs

Product Features

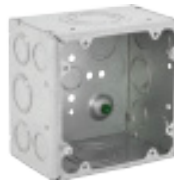
- Accepts standard 4-11/16" square mud rings and covers without an adapter plate
- 3-1/4" deep box
- 76 cu inch capacity
- 5SQ200 has includes knockout sizes 1/2" through 2"
- 5SQTR includes 1/2" knockout sizes 1/2"-3/4" TKO's and 3/4"-1" TKO's.
- 5SQ200 has two pre-installed raised ground screws
- 5SQTR has two 1/4" Treaded Hubs on side and back

Compliance

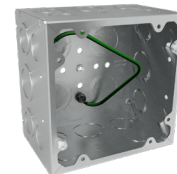
- US LISTED

5" Square Data Box

Catalog #	Description	Carton Qty.	I2OF5 Bar Code
905SQ	5" Square Box Bracket	25	50050169549051
9030G	Ultimate G Series Mounting Bracket	25	50050169985491
995	Far Side Support for Box Bracket	50	5005016998552



5SQ200



5SQTR

5" Square Data Box

Catalog #	Description	Carton Qty.	I2OF5 Bar Code
5SQ200	5" Square Data Box	20	50050169549044
5SQTR	5" Square Junction Box	20	50050169549068



Square Boxes and Covers

Life Safety Support Products - Immediate Identification



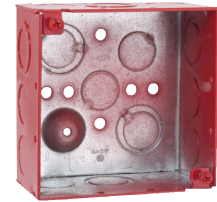
911-9



911-6



911-12



911-3



911-4



911-15



911-2



911-1

Applications

- RACO® Red boxes and covers allow inspector or building owner to immediately identify alarm/fire or life safety systems

Product Features

- 911-2, 911-1 boxes have 3-3/4" opening in wall that allows for a margin of error when using a standard 4" square cover
- 911-15 accepts all 4-11/16" square covers and mudrings

Compliance



Life Safety Steel Wall Boxes and Extension Rings - Painted Red

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
911-9	1-1/2" Depth, Welded, 4" Square	21.0 (344.1)	(8) 1/2", (4) TKO	(2) 1/2", 2 TKO	50	—
911-6	1-1/2" Depth, 4" Square, Drawn Extension Ring	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	50	—
911-12	2-1/8" Depth, Welded, 4-11/16" Square	42.0 (688.2)	(12) TKO	(1) 1/2", (3) TKO	25	—
911-3	2-1/8" Depth, Welded, 4" Square	30.3 (496.5)	(8) 1/2", (4) TKO	(3) 1/2", 2 TKO	25	—
911-4	2-1/8" Depth, Welded, 4" Square, FM Bracket	30.3 (496.5)	(6) 1/2", (3) TKO	(3) 1/2", 2 TKO	25	—
911-15	3-1/4" Depth Back Box, Welded, 4-11/16" Square	66.7 (1093.0)	(2) 1/2" - 3/4" TKO, (2) 1" - 1-1/4" TKO, (2) 1" - 2" Conc. KO	(2) 3/4" - 1" TKO, (2) 1/2" KO	10	—
911-2	3-1/2" Depth, Welded, 3-3/4" Square	45.0 (737.4)	(12) 1/2" - 3/4" Concentric	(4) 1/2" 3/4" Concentric	25	—
911-1	3-1/2" Depth, Welded, 3-3/4" Square, FM Bracket	45.0 (737.4)	(10) 1/2" - 3/4" Concentric	(4) 1/2" - 3/4" Concentric	10	—

See end of section (Pg A88 - A89) for detailed drawings »

Square Boxes and Covers

Life Safety Support Products - Immediate Identification

Applications

- RACO® Red boxes and covers allow inspector or building owner to immediately identify alarm/fire or life safety systems

Product Features

- Red boxes, covers and extensions for dedicated life safety alarm circuits

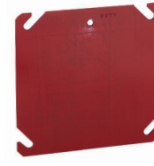
Compliance



911-16, 911-17



855, 859



911-8



911-11

Life Safety Steel Wall Boxes Covers

Catalog #	Description	Cubic In. (CM ³)	Std. Pkg.	Bar Code
911-16	4-11/16" Sq. x 4" Sq. Adapter, 5/8" Raised, Painted Red	8.3 (136.0)	25	—
911-17	4-11/16" Sq. x 4" Sq. Adapter, 1-1/4" Raised, Painted Red	16.0 (262.0)	12	—
855	4-11/16" Sq. x 4" Sq. Adapter, 5/8" Raised	8.3 (136.0)	25	—
859	4-11/16" Sq. x 4" Sq. Adapter, 1-1/4" Raised	16.0 (262.0)	12	—
911-8	4" Sq., Flat Blank Cover, Painted Red	—	50	—
911-11	4-11/16" Sq., Flat Blank Cover, Painted Red	—	50	—

Applications

- Low voltage partitions may be added to conduit-type boxes to divide power from voice/data
- Partitions must be used with raised covers
- RACO® RETRO-RING® is used to position any depth, 4" square steel junction box in a sheet rock covered wall cavity
- Use 205RAC is used in old work life safety appliance installations
- 206RAC is used in old work installations where one or two devices are required

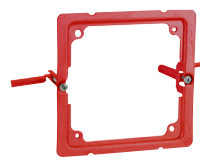
Product Features

- RACO® RETRO-RING® works in 3/8" to 1-1/2" thick wall or ceiling applications
- Small footprint is covered by most popular life safety devices
- Steel old work wings allow for secure mounting of box and devices to wall
- Includes one wall template per carton
- 206RAC allows for installation of steel low voltage partition for power/data applications. One or two devices mount directly to 206RAC

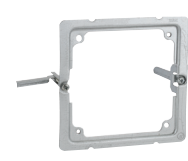
Compliance



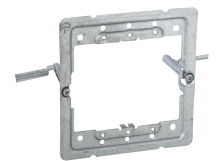
706RAC, 707RAC



911-19



205RAC



206RAC, 8206RAC

Low Voltage Box Partition

Catalog #	Description	Std. Pkg.	Bar Code
706RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—
707RAC	Fits 1/4" to 1" Cover Depth (#777, 8777-0, 778, 769, 8769, 8778, 779, 8779, 780)	25	—

Notes: Boxes, covers, and partitions must be ordered separately.

For 5/8" cover depth, use the 3/4" break.

Partitions are usable but not UL listed for 4-11/16" sq. box.

Life Safety Steel Wall Box Mounting Brackets

Catalog #	Description	Std. Pkg.	Bar Code
205RAC	Old Work, 4" Sq. Box Mounting of Life Safety Support	20	—
206RAC	Old Work, 4" Sq. Box Mounting of One or Two Device Applications	20	—
8206RAC	Old Work, 4" Sq. Box Mounting of One or Two Device Applications	10	
911-19	Old Work, 4" Sq. Box Mounting of Life Safety Support, Painted Red	20	—

Notes: Low voltage partitions are not UL Listed.

Boxes, covers, and partitions must be ordered separately.

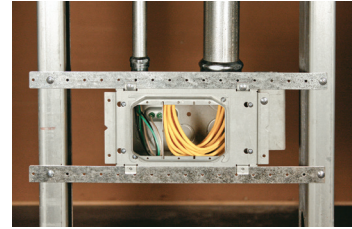
Partitions are usable but not UL listed for 4-11/16" sq. box.





Square Boxes and Covers

Large Capacity Boxes for Audio, Video, Power and Data



Applications

- RACO® Large capacity boxes are used for audio, video, data and power applications providing ample space for Cat 6A and fiber optic cable bends

260 Product Features

- Large capacity design measures 4-11/16" H x 4-11/16" W x 3-1/4" D
- Accepts standard 4-11/16" square device and flat covers
- Ground screws provided

263 Product Features

- Large capacity design measures 4-11/16" H x 7-3/4" W x 3-1/4" D
- Accepts standard 4" square device and flat covers or 792, 793, 794 3-gang device covers
- Built-in tabs allow for spanner bars
- Includes 1/2" thru 2" knockouts
- Accepts 981 voltage partition (UL Listed)
- Ground screws provided

255 and 256 Product Features

- Large capacity design measures 3-3/4" H x 3-3/4" W x 3-1/2" D
- Accepts standard 4" square device and flat covers

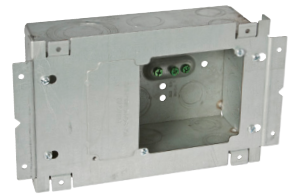
Compliance



260



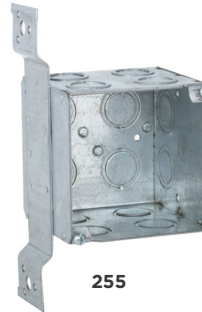
260H



263



256



255

Large Capacity Steel Wall Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
4-11/16" Boxes, 3-1/4" Deep – Welded with Conduit KOs						
260	Raised Ground	66.7 (1093)	(2) 1/2" - 3/4" TKO, (2) 1" - 1-1/4" TKO, (2) 1" - 2" Conc. KO	(2) 3/4" - 1" TKO, (2) 1/2" KO	10	—
260H	Raised Ground, H Bracket For Side Support	66.7 (1093)	(2) 1/2" - 3/4" TKO, (2) 1" - 1-1/4" TKO, (2) 1" - 2" Conc. KO	(2) 3/4" - 1" TKO, (2) 1/2" KO	10	—
263	Raised Ground	113.3 (1856.6)	(6) 1/2" - 3/4" TKO, (2) 3/4" - 1" TKO, (2) 1" - 1-1/4" TKO, (2) 1" - 2" Conc. KO	(2) 1/2"-3/4" TKO, (2) 3/4"-1" TKO, (2) 1"-1-1/4" TKO	6	—
3-3/4" Square Boxes, 3-1/2" Deep – Welded with Conduit KOs						
256	—	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	25	
255	FM Bracket	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	

See end of section (Pg A88,) for detailed drawings »



Square Boxes and Covers

AV Wall Boxes

Applications

- RACO® AV Wall Boxes provide an ideal solution for in-wall applications requiring data, AV and power
- Perfect for Category 6 and 6A fiber optic cables that require a larger bend radius
- Designed to install independently or ganged together to support multiple devices
- Accommodates industry standard wallplates

Product Features

- 2-gang or 3-gang
- Knockouts from 1/2" up to 2"
- 4" depth accepts any device
- Concentric 1/2"-3/4" knockouts for pre-connectorized AV cables
- Eccentric 1/2"- 3/4" knockouts
- Raised ground provision in each gang
- Accepts low voltage partition
- NEMA spaced device mounting, accepts industry standard wallplates
- Adjustable stud mounting brackets built in to accommodate different stud and sheetrock thickness
- Adjustable far side support
- Suitable for masonry application

Compliance

- 

Applications

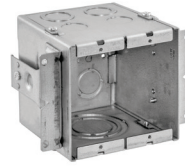
- RACO® Large capacity boxes are used for audio, video, data and power applications providing ample space for Cat 6A and fiber optic cable bends
- 792, 793 and 794 covers are solely for RACO® 263 data box. The 3-gang raised covers are 5/8", 3/4" and 1-1/4" raised respectively
- 855 is designed to reduce 4-11/16" square box to 4" sq. box openings

Product Features

- Use with standard 4" square single or double mudrings or 3 gangs special covers (263)
- 855 provides flush mounting of lighting controllers, exit signs and life safety appliances
- Accepts UL Listed Voltage Partition, Cat. No. 981

Compliance

- 



985



989

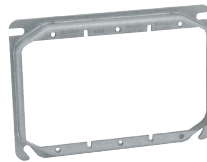


986

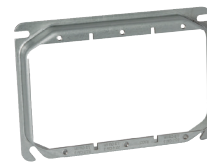
4" Deep, Gangable AV Wall Boxes - For Data and Power

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Top	Bottom	Back		
985	2-Gang, 2" KO	54 (884.9)	(2)1/2", (2)1/2"- 3/4" TKO	(1) 1", 1-1/4", 1-1/2", 2	(2)1/2" - 3/4" TKO	10	
986	3-Gang, 2"	79 (1294.5)	(3)1/2", (3)1/2"- 3/4" TKO	(1)1/2", (1)1/2"- 3/4" TKO, (1)1", 1-1/4" - 1-1/2", 2"	(3) 1/2" - 3/4" TKO	6	
989	Low Voltage Partition	—	—			25	

Covers and Partitions for Large Capacity Boxes



792



793



794



855, 859



981

Covers and Partitions

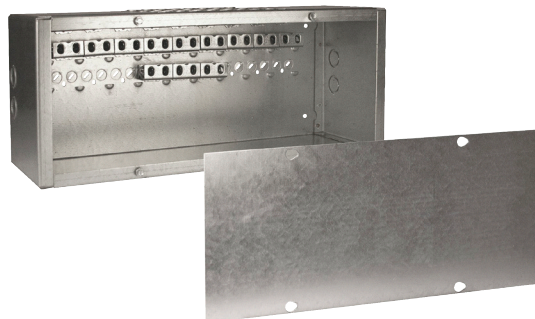
Cat. #	Description	Cubic In. (CM ³)	Fits Cat. #	Std. Pkg.	Bar Code
3-Gang Raised Device Covers - For 263 Box					
792	5/8" Raised	10.3 (168.8)	263	10	—
793	3/4" Raised	12.7 (208.1)	263	10	—
794	1-1/4" Raised	24.2 (396.6)	263	5	—
2-Gang Raised Device Cover - For 4-11/16" Box					
855	5/8" Raised, For Life Safety Appliances & Emergency Exit Signs	8.3 (136.0)	260 & 911-15	25	—
859	1-1/4" Raised, For Life Safety Appliances & Emergency Exit Signs	16.0 (262.0)	260 & 911-15	12	—
Voltage Partition					
981	For 5/8", 3/4", 1-1/4" covers for 260, 260H, & 263 boxes	—	260 & 263	25	—



Dugout Transition Box

Applications

- RACO's Dugout box offers the quickest and easiest way to transition from flexible armored cable to conduit before entering the circuit panel. Specifically designed for commercial applications, the Dugout box builds on the popular concept of our Grand Slam box. This roomy rectangular model features plenty of space for wiring along with 21 of our built-in Stab-IT cable clamps, which hold up to 42 MC cables! Our unique clamps are field-proven to install up to 3X faster than traditional MC connectors. Four concentric knockouts are provided for either 1/2" or 3/4" conduit out to the circuit panel. For wall or ceiling mounting. The Dugout box offers more labor savings and installation flexibility than any other transition box on the market.



SC082006STRC



Built-in Stab-IT® clamps for MC

Transition Box with Built-in Stab-IT® Clamps

Catalog #	Description	Knockouts	Stab-IT® Clamps	Std. Pkg.	Bar Code
SC082006STRC	8" x 20" x 6" Transition Box & Cover	(4) 1/2" & 3/4" Concentric	21 (14/2 to 10/3) up to 42 Cables	1	—

Product Features

- Designed for quick installation of flex, MC, MCI, MCI-A, AC and HCF cable
- Stab-IT® clamp has been tested at over 3X faster than traditional MC connectors
- Cover included
- Accepts cable sizes from 14/2 up to 10/3 for most cable types
- UL Listed
- Designed and assembled in the USA



Stab-IT Connector

Stab-IT® Connector

Cat. #	Size	Std. Pkg.	Bar Code
989ST	Stab-IT® Connector (accepts 2 cables)	50	—

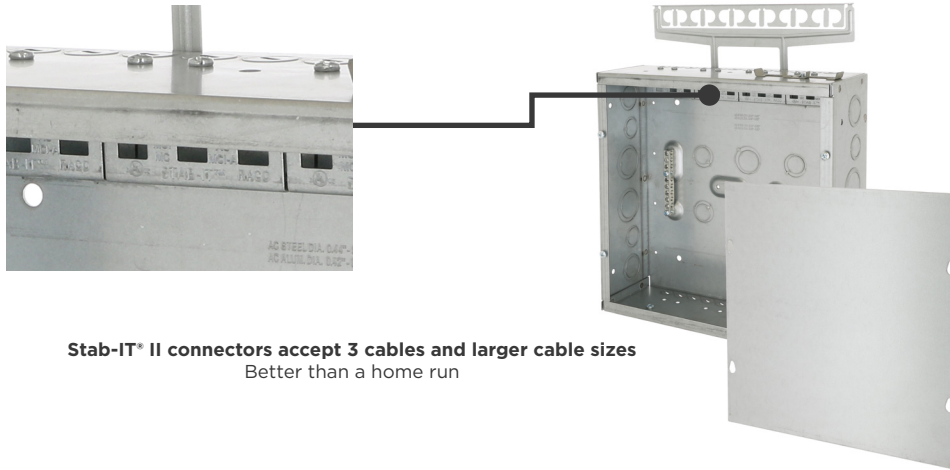
Compliance





Upgraded Grand Slam Box Now with Built In Stab-IT® II Connectors

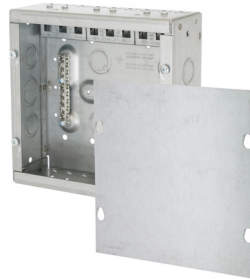
NEW PRODUCT



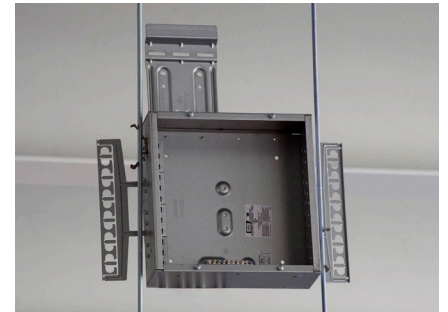
Stab-IT® II connectors accept 3 cables and larger cable sizes
Better than a home run

Applications

- RACO's Grand Slam Box is the quickest and easiest way to terminate home runs, branch circuits and other electrical wiring. Specifically designed for commercial applications, the Grand Slam Box offers both the flexibility and space desired in a junction box. Featuring RACO's Stab-IT® II connectors for MC, built-in ground bar, and cable management. The Grand Slam Box offers the most labor savings and flexibility of any home run box on the market.



Surface Mount Cover & Ground Bar Included



Grand Slam Box installed using Multi Function Clips

Product Features

- Stab-IT® II clamp has been field proven to be over 3X faster than traditional MC connectors
- Ground bar pre-installed
- Cable management with 2 multifunction clips
- Surface mount cover
- Available with and without concentric knockouts on side and back for easy access
- Optional conduit support plate
- NEMA 1 Rating for Indoors
- Additional Stab-IT® II connectors can be added



Conduit Support Plate
(sold separately)



Stab-IT® II Connector

Compliance

- LISTED



Square Boxes and Covers

Grand Slam Box

Cat. No.	Description	Dimensions	Knockouts	Built-in Stab-IT® II Clamps	Cu.In. Cap.	Carton Qty.
GS883S	8" x 8" Junction Box (Surface Cvr. & Grnd. Bar Included)	8" x 8" x 3"	(12) 1/2" & 3/4" Concentric (5) 3/4" & 1" Concentric	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124S	12" x 12" Junction Box (Surface Cvr. & Grnd. Bar Included)	12" x 12" x 4"	(12) 1/2" & 3/4" Concentric (9) 3/4" & 1" Concentric (8) 1" & 1-1/4" Concentric	4 (14/2 to 10/3) Up to 12 Cables	546	1
GS883SNK	8" x 8" Junction Box (No Knockouts, Surface Cvr. & Grnd. Bar Included)	8" x 8" x 3"	—	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124SNK	12" x 12" Junction Box (No Knockouts, Surface Cvr. & Grnd. Bar Included)	12" x 12" x 4"	—	4 (14/2 to 10/3) Up to 12 Cables	546	1
GS883SCM	8" x 8" Junction Box (Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	8" x 8" x 3"	(12) 1/2" & 3/4" Concentric (5) 3/4" & 1" Concentric	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124SCM	12" x 12" Junction Box (Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	12" x 12" x 4"	(12) 1/2" & 3/4" Concentric (9) 3/4" & 1" Concentric (8) 1" & 1-1/4" Concentric	4 (14/2 to 10/3) Up to 12 Cables	546	1
GS883SNKCM	8" x 8" Junction Box (No Knockouts, Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	8" x 8" x 3"	—	3 (14/2 to 10/3) Up to 9 Cables	179	1
GS12124SNKCM	12" x 12" Junction Box (No Knockouts, Cable management, 2 Multi Function Clips, Surface Cvr. & Grnd. Bar Included)	12" x 12" x 4"	—	4 (14/2 to 10/3) Up to 12 Cables	546	1

Accessories

Cat. No.	Description	Carton Qty.
9100SP	Grand Slam conduit support plate	10
989ST2	STAB-iT® II Connector Accessory (accepts 3 cables) Works with all Grand Slam boxes	50

Cable types and ranges of Stab-IT® II clamp

Cable Type	Cable Range	Cable Range Diameter
AC Steel & Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	0.44" · 0.62"
HCF AC Steel	14-2, 14-3, 14-4, 12-2, 12-3, 10-2, 10-3	
HCF AC Aluminum	12-2, 12-3, 12-4, 10-2, 10-3	0.42" · 0.62"
MC Steel & Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	
MCI-A Steel & Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	
HCF MCI-A Steel	12-2, 12-3, 10-2	0.38" · 0.62"
HCF MCI-A Aluminum	14-2, 14-3, 14-4, 12-2, 12-3, 12-4, 10-2, 10-3	

3/8 TRADE SIZE FLEX. RWFMC CONDUIT STEEL & ALUMINUM
Anti Short Bushing Required

CABLE RANGE .400" DIA. MIN. TO .605" DIA. MAX.

Notes: Cable Armor must comply with NEC 250.96.

To remove cable unscrew clamp from the box then pull clamp off cable.

To install more cables use any of the RACO 38RAC or 40RAC push-in cable connectors.

Ceiling Boxes and Covers

Ceiling Fan and Fixture Support Products

Applications

- RACO® Ceiling Support Boxes are specifically designed for ceiling fan and ceiling or wall light fixture support per NEC 314.27(C)

Product Features

- 1/2" side knockouts (294, 294-1, 296, 296-1 and 299)
- No protruding ground screw or fan mounting screws allows easy installation
- #10-32, 1" long ceiling fan screws provided and provision for #8-32 fixture mounting screw (294-1, 294, 296-1, 296 and 299)
- Setback tab allows for easy box installation of different wall thickness (294-1, 294)
- Metal protection plate eliminates debris or damage to wiring
- Easy to follow instructions and mounting hardware included

Gorilla Ring® Concrete Ring Application

- Concrete rings are used with poured deck (floor) in high-rise construction
- GORILLA RING features mounting screws that allow for safe and secure mounting of any chandeliers, or lighting fixtures 150 lbs. or less
- Double row of KO's allow greater installation flexibility with a minimum of bends or offsets for working around reinforcing rods

Compliance

-  US LISTED
- Exceeds national electrical code.



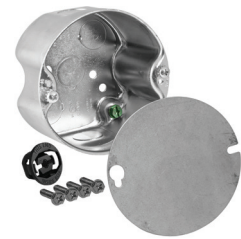
295-1, 295



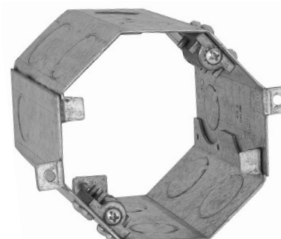
294-1, 294



296-1, 296



299



GORILLA-RING® 284

4" Round Ceiling Fan Pan – Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
295-1	1/2" Depth	6.0 (99.2)	INSIDER	—	(5) 1/2"	70	150	10	—
295*	1/2" Depth	6.0 (99.2)	INSIDER	—	(5) 1/2"	70	150	10	IIIIIIII

4" Round Ceiling Box – Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
294-1	2-1/8" Depth, Old and New Work	22.3 (365.4)	INSIDER	(2) 1/2"	(1) 1/2"	70	70/150**	10	—
294*	2-1/8" Depth, Old and New Work	22.3 (365.4)	INSIDER	(2) 1/2"	(1) 1/2"	70	70/150**	10	IIIIIIII
296-1	1-1/2" Depth	15.8 (258.9)	INSIDER	(2) 1/2"	(3) 1/2"	70	150	20	—
296*	1-1/2" Depth	15.8 (258.9)	INSIDER	(2) 1/2"	(3) 1/2"	70	150	8	IIIIIIII
299*	2-1/8" Depth	22.4 (367.1)	INSIDER	(2) 1/2"	(3) 1/2"	70	150	6	IIIIIIII

GORILLA-RING® – Concrete Ring for Ceiling Fan Support

Cat. #	Description	Cubic Inches (Cm3)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
284	4" Deep, Double Row Side Knockouts	49.3 (807.9)	—	(4) 3/4" (6) 1/2"	—	70	150	6	—

Notes: *Packaged in a stackable, individual chipboard display cartons. Sold in master carton quantities only.

Hubbell® RACO® does not break carton quantities on these items.

4714, THE INSIDER® will secure non-metallic sheathed cable in 1/2" KO (see pg. B72).

** New work applications rated at 150 lbs. Old work applications rated at 70 lbs.

See end of section (Pg A88) for detailed drawings »



Ceiling Boxes and Covers

Ceiling Fan and Fixture Support Products

Applications

- RACO® KWIK-BRACE® is a heavy-duty ceiling fan brace designed for new or existing construction where joists are accessible
- RACO® RETRO-BRACE® is intended for installations of heavy lighting fixtures or ceiling paddle fans in old work or new work applications

Product Features

- KWIK-BRACE®
 - Slides apart to accommodate joist spacing from 16" to 24", screws provided
 - #10-32 ceiling fan screws provided and #8-32 ceiling fixture mounting provisions
 - Metal protection plate included
 - Nail spurs for easy brace positioning
 - Easy installation, up front ground screws
 - Easy to follow instructions and mounting hardware included
- RETRO-BRACE®
 - Adjustable for joist spacing from 16" to 24"
 - Simple "tool free" expansion
 - Easy installation, up front ground screw
 - #10-32 ceiling fan screws provided and #8-32 ceiling fixture mounting provisions
 - Easy to follow instructions and mounting hardware included



926, 926-1



929

NEW



936



937



939

Compliance

-  US LISTED
- Exceeds national electrical code.

KWIK-BRACE® with Box - New Construction Braces for Lighting Fixtures or Ceiling Fans

Cat. #	Description	Cubic Inches (CM3)	Knockouts			Recommended Max. Loads				Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.		Fixture (Static) Lbs.			
						16" Joist Span	24" Joist Span	16" Joist Span	24" Joist Span		
926-1	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(2) 1/2"	70	70	210	90	12	
929	2-1/8" Depth	22.5	—	(2) 1/2"	(2) 1/2"	70	70	210	90	6	
926*	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(2) 1/2"	70	70	210	90	6	

RETRO-BRACE® with Box - Remodeling Kits for Lighting Fixtures or Ceiling Fans

936*	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(2) 1/2"	70	35	110	50	6	
937*	2-1/8" Depth	22.4 (367.1)	INSIDER	—	(2) 1/2"	70	35	110	50	4	
939*	5/8" Depth	6.0 (98.4)	INSIDER	—	(2) 1/2"	70	35	110	50	6	

Notes: * Packaged in a stackable, individual chipboard display cartons. Sold in master carton quantities only. Hubbell® RACO® does not break carton quantities on these items. 4714, THE INSIDER® will secure non-metallic sheathed cable in 1/2" KO (See pg. B72).

See end of section (Pg A89) for detailed drawings »

Ceiling Boxes and Covers

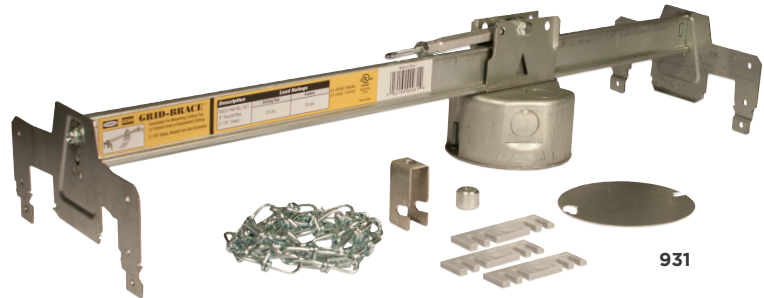
Ceiling Fan and Fixture Support Products

Applications

- GRID-BRACE™ ceiling support assembly is specifically designed for ceiling fan or fixture support for suspended ceilings

Product Features

- Heavy-duty GRID-BRACE™ for 24" spans
- Turnbuckle and 4' chain section provided
- Yoke provided for threaded rod installation
- Mount box anywhere on sliding bracket
- Spacers provided for decorative ceiling tiles that are below the depth of metal grid for flush mounting of box
- #10-32 grade 5, 1" ceiling fan screws included
- Easy to follow instructions included



Compliance

- LISTED

GRID-BRACE™ For Suspended Ceilings, 2-1/8" Deep

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.			
931	Ceiling Fan Support for Suspended Ceilings	22.3 (365.4)	(2) 1/2"	(2) Conc. 1/2" & 3/4"	70	70	4		

Applications

- RACO® Ceiling Pans are used in the installation of ceiling or wall lighting fixtures

Product Features

- Combination screw heads provide for faster installation

Compliance

- LISTED

Ceiling Pans



292, 8292



287



293, 8293

Round Ceiling Pans

Cat. #	Description	Cubic Inches (Cm ³)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
3-1/2" – Drawn with Non-Metallic Sheathed Cable Clamps									
292	1/2" Depth	4.0 (65.5)	4	–	(1) 1/2"	No	50	50	–
8292	1/2" Depth	4.0 (65.5)	4	–	(1) 1/2"	No	50	25	
287	3/4" Depth	5.0 (81.9)	4	–	(1) 1/2"	No	50	50	–
4" – Drawn with Conduit KO's									
293	1/2" Depth	6.0 (98.3)	–	–	(5) 1/2"	No	50	50	–
8293	1/2" Depth	6.0 (98.3)	–	–	(5) 1/2"	No	50	30	

See end of section (Pg A89) for detailed drawings »

Ceiling Boxes and Covers

Round Old Work Pans



Old Work Bracket

Applications

- Shallow old work pan design is ideal for mounting fixtures in existing walls or ceilings with obstructions that limit depth

Product Features

- Ideal pans for remodeling, two sizes
- Only 1/2" deep
- Flange and bracket mounts to 1/2" or 5/8" drywall without stud

Compliance

-  US LISTED

Wall Obstruction



Perfect Solution!



Fitting not included



290



297

Round, Old Work Pans - For Mounting Fixtures

CAT. #	Description	Cubic Inches (CM ³)	Knockouts	STD. PKG.	Recommended Max. support loads (fixture)	Bar code
290	3-1/2" Old Work Pan Box	3.8 (63.0)	2, 1/2"	10	6 Lbs.	
297	4" Old Work Pan Box	6.0 (98.4)	4, 1/2"	10	6 Lbs.	

See end of section (Pg A89) for detailed drawings »



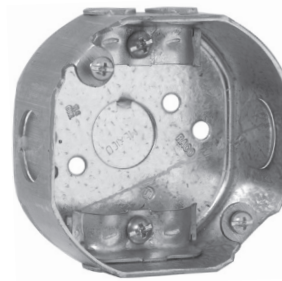
3-1/2" Octagon Boxes - Drawn

Applications

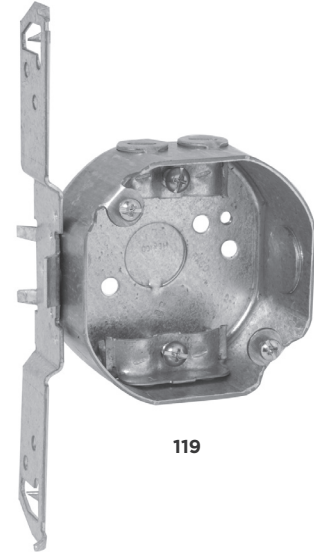
- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

- Combination screw heads provide for faster installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features. Reference the Table on page A7 for cable ranges



112



119

Compliance

- LISTED

3-1/2" Octagon Box, 1-1/2" Deep - Drawn with Non-Metallic Sheathed Cable Clamps

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
112	—	11.8 (193.4)	4	(2) 1/2"	(1) 1/2"	No	50	25	
119	TS Bracket, 1/2"	11.8 (193.4)	4	(1) 1/2"	(1) 1/2"	No	50	25	

See end of section (Pg A90) for detailed drawings »



Ceiling Boxes and Covers

Applications

- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures
- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit



110



111

Product Features

- Combination screw heads provide for faster installation

Compliance

- LISTED

3-1/2" Octagon Box, 1-1/2" Deep - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
110	—	11.8 (193.4)	—	(4) 1/2"	(1) 1/2"	No	50	25	

3-1/2" Octagon Extension Ring, 1-1/2" Deep - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
111	—	11.8 (193.4)	—	(4) 1/2"	—	No	—	25	

See end of section (Pg A90) for detailed drawings »



4" Octagon Boxes and Extension Rings - Drawn with Conduit KOs

Applications

- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures
- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit

Product Features

- Combination screw heads provide for faster installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Fixture bar hanger allows box to be located anywhere along length of bar

Compliance

- LISTED



125, 8125



126



127



324



161, 161SP



158



128



130

4" Octagon Box, 1-1/2" Deep - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
125	—	15.5 (254.0)	(4) 1/2"	(5) 1/2"	No	50	50	—
8125	Raised Ground	15.5 (254.0)	(4) 1/2"	(4) 1/2"	No	50	30	
126	Raised Ground	15.5 (254.0)	(4) 3/4"	(2) 1/2", (2) 3/4"	No	50	50	
127	Raised Ground	15.5 (254.0)	(2) 1/2", (2) 3/4"	(2) 1/2", (2) 3/4"	No	50	25	
158	J Bracket, 3/8" or 1/2" Setback	15.5 (254.0)	(4) 1/2"	(5) 1/2"	No	50	25	
161	TS Bracket, 1/2" Setback	15.5 (254.0)	(3) 1/2"	(5) 1/2"	No	50	25	
161SP	TS Bracket, 1/2" Setback	15.5 (254.0)	(3) 1/2"	(5) 1/2"	No	50	12	
324	Raised Ground, Box with 14-1/4" to 22-1/2" Bar Hanger	15.5 (254.0)	(4) 1/2"	(3) 1/2"	No	10*	25	

Notes: 10 lbs max. load recommended. UL Rated for 50 lbs on 16" centers.

4" Octagon Extension Rings, 1-1/2" Deep - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
128	—	15.5 (254.0)	(4) 1/2"	—	No	50	25	
130	—	15.5 (254.0)	(2) 1/2", (2) 3/4"	—	No	50	25	

Notes: 10 lbs max. load recommended. UL Rated for 50 lbs on 16" centers.

See end of section (Pg A90) for detailed drawings »



4" Octagon Deep Boxes - Drawn with Conduit KOs

Applications

- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

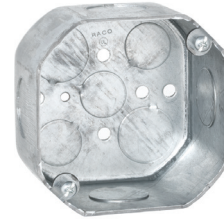
- Combination screw heads provide for faster installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features

Compliance

- LISTED



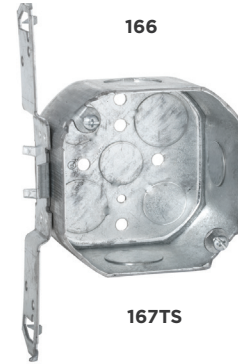
165



166



167



167TS

4" Octagon Box, 2-1/8" Deep - Drawn with Conduit KOs

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Recommended Max. Loads		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
165	—	21.5 (352.3)	(4) 1/2"	(5) 1/2"	No	50	50	—
166	—	21.5 (352.3)	(4) 3/4"	(3) 1/2", (2) 3/4"	No	50	50	—
167	—	21.5 (352.3)	(2) 1/2", (2) 3/4"	(3) 1/2", (2) 3/4"	No	50	25	—
167TS	TS Bracket, 1/2" Setback	21.5 (352.3)	(1) 1/2", (2) 3/4"	(3) 1/2", (2) 3/4"	No	50	25	—

See end of section (Pg A90) for detailed drawings »



4" Octagon Boxes - Drawn with Armored Cable / Metal Clad / Flex Clamps

Applications

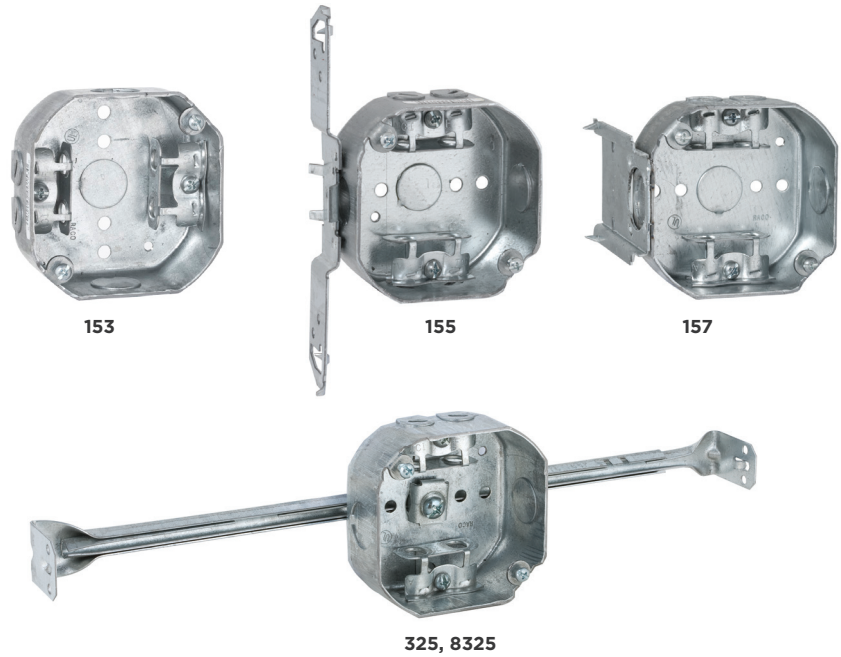
- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

- RACO® offers a variety of labor saving mounting brackets that allow for easy positioning of box along studs or joists
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Fixture bar hanger allows box to be located anywhere along length of bar

Compliance

- LISTED



4" Octagon Box, 1-1/2" Deep - Drawn with Armored Cable/Metal Clad/Flex Clamps

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
153	—	15.5 (254.0)	4	(2) 1/2"	(1) 1/2"	No	50	25	
155	TS Bracket, 1/2" Setback	15.5 (254.0)	4	(1) 1/2"	(1) 1/2"	No	50	25	
157	J Bracket, 3/8" or 1/2" Setback	15.5 (254.0)	4	(2) 1/2"	(1) 1/2"	No	50	25	
325	Box with 14-1/4" to 22-1/2" bar hanger	15.5 (254.0)	4	(2) 1/2"	—	No	10*	25	—
8325	Box with 14-1/4" to 22-1/2" bar hanger	15.5 (254.0)	4	(2) 1/2"	—	No	10*	25	

Notes: * 10 lbs max. load recommended. UL Rated for 50 lbs on 16" centers.

See end of section (Pg A90) for detailed drawings »



Ceiling Boxes and Covers

4" Octagon Boxes - Drawn with Non-Metallic Sheathed Cable Clamps

Applications

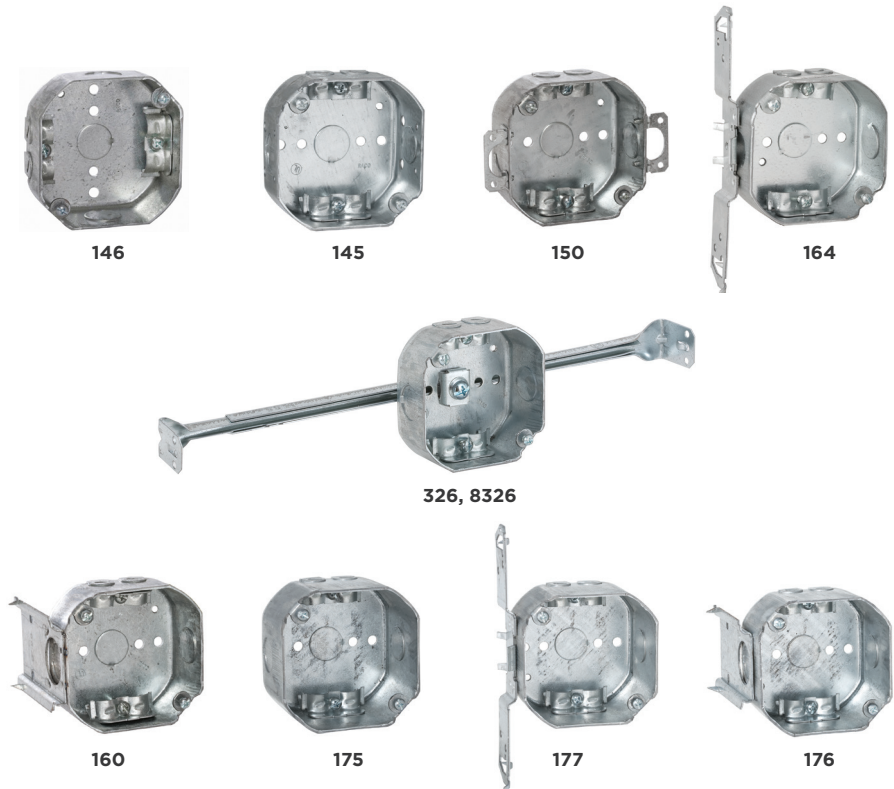
- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

- RACO® offers a variety of labor saving mounting brackets that allow for easy positioning of box along studs or joists
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- Combination screw heads provide for faster installation

Compliance

- LISTED



4" Octagon Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Recommended Max. Loads		Std. Pkg.	Bar Code
			Cable Priouts	Sides Conduit	Bottom Conduit	Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
1-1/2" Deep - Drawn with Non-Metallic Sheathed Cable Clamps									
146	—	15.5 (254.0)	4	(2) 1/2"	(1) 1/2"	No	50	25	
145	Side holes, 1/8" and 1/4"	15.5 (254.0)	4	(2) 1/2"	(1) 1/2"	No	50	50	—
150	Plaster Ears	15.5 (254.0)	4	(2) 1/2"	(1) 1/2"	No	50	24	
160	J Bracket, 3/8" or 1/2" Setback	15.5 (254.0)	4	(2) 1/2"	(1) 1/2"	No	50	25	
164	TS Bracket, 1/2" Setback	15.5 (254.0)	4	(1) 1/2"	(1) 1/2"	No	50	25	
326	Box with 14-1/4" to 22-1/2" bar hanger	15.5 (254.0)	4	(2) 1/2"	—	No	10*	25	—
8326	Box with 14-1/4" to 22-1/2" bar hanger	15.5 (254.0)	4	(2) 1/2"	—	No	10*	25	
2-1/8" Deep - Drawn with Non-Metallic Sheathed Cable Clamps									
175	—	21.5 (352.3)	4	(2) 1/2"	(1) 1/2"	No	50	25	
176	J Bracket, 5/8" Setback	21.5 (352.3)	4	(2) 1/2"	(1) 1/2"	No	50	25	
177	TS Bracket, 1/2" Setback	21.5 (352.3)	4	(1) 1/2"	(1) 1/2"	No	50	25	—

Notes: * 10 lbs max. load recommended. UL Rated for 50 lbs on 16" centers.

See end of section (Pg A90) for detailed drawings »

Ceiling Boxes and Covers

Round Covers for 3-1/2" and 4" Octagon Boxes



703



894KH



727, 732, 737

Applications

- Covers are used to close an outlet box
- Raised covers are used for mounting lighting fixtures

Product Features

- Combination screw heads provide for faster installation
- Swivel cover restricted to 20° swing from vertical
- KWIK-HANG® allows easy installation of high bay lighting fixtures. Fixture rests in position while wiring is completed

Compliance



Covers

Cat. #	Description	Cubic Inches (CM ³)	Recommended Max. Loads		Std. Pkg.	Bar Code
			Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
3-1/2" Round Cover						
703	Flat, 1/2" KO In Center	—	No	—	25	
3-1/2" or 4" Swivel Fixture, Support Covers						
894KH	Kwik-Hang®, For 4" Octagon Boxes, 1/2" or 3/4" Conduit	—	No	50	25	
4" Round Raised Cover						
737	Raised 1/2", Open, Ears 2-3/4" O.C.	3.3 (54.1)	No	50	25	
727	Raised 5/8", Open, Ears 2-3/4" O.C.	3.8 (62.2)	No	50	25	
732	Raised 1", Open, Ears 2-3/4" O.C.	6.5 (106.5)	No	50	25	—

Notes: 5 Bundles of 10 - sold in carton quantities only.

Ceiling Boxes and Covers

Octagon and Round Covers



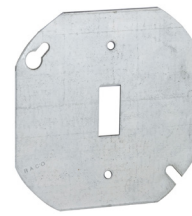
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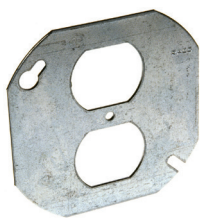
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725



729



731



5652-1



5653-1



5654-1

Applications

- Covers are used to close an outlet box
- Switches or receptacles may be installed into octagon boxes by using covers 729 or 731

Product Features

- 5" round covers feature state-of-the-art powder coat paint finish which provides a light texture finish and scratch resistance

Compliance



4" Octagon and Round Covers

Catalog #	Description	Pkg. Type	Std. Pkg.	Bar Code
722	Flat, blank	—	50	
724	Flat, 1/2" KO	—	25	
725	Flat, 3/4" KO	—	25	
729	Flat, toggle switch	—	50	
731	Flat, duplex receptacle	—	25	

Notes: 5 Bundles of 10 - sold in carton quantities only.

5" Round Steel Closure Plates

Catalog #	Description	Pkg. Type	Std. Pkg.	Bar Code
5652-1	Off-white, screw and universal mount strap	Shrink	10	—
5653-1	Off-white, (2) 8-32 screws, direct mount to fixture outlet box	Shrink	10	—
5654-1	Off-white, fixture stud and universal mount strap	Shrink	10	—

Notes: 5 Bundles of 10 - sold in carton quantities only.



Single Device Handy Boxes and Extension Rings



Applications

- RACO® Handy boxes, also called utility boxes, are used for convenience outlets, switch boxes or small junction boxes
- They are popular for exposed work applications (surface mounted wiring)
- The NEC requires that surface-mounted wiring be enclosed with a protective covering such as EMT conduit

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

See end of section (Pg A91) for detailed drawings »

4" x 2" Handy Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
1-1/2" Deep - Welded with Conduit KOs							
650	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
8650	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	25	
650CSA	With Ground Screw Driven	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
Extension Rings, 1-1/2" Deep - Welded with Conduit KOs							
653	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	—	25	
1-7/8" Deep - Drawn with Conduit KOs							
660	Raised Ground	13.0 (213.0)	(6) 1/2"	(2) 1/2"	(2) 1/2"	50	—
8660	Raised Ground	13.0 (213.0)	(6) 1/2"	(2) 1/2"	(2) 1/2"	50	
611	Raised Ground, With Ground Screw Driven	13.0 (213.0)	(6) 1/2"	(2) 1/2"	(2) 1/2"	50	—
661	Raised Ground, A Bracket, 5/8" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	25	
661SP	Raised Ground, A B racket, 5/8" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	18	
662	Raised Ground, TS Bracket, 1/2" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	25	
662SP	Raised Ground, TS Bracket, 1/2" Setback	13.0 (213.0)	(3) 1/2"	(2) 1/2"	(3) 1/2"	18	
663	Raised Ground	13.0 (213.0)	(4) 3/4"	(2) 3/4"	(1) 3/4"	50	—
8663	Raised Ground, 1-7/8" Depth (inside),	13.0 (213.0)	(4) 3/4"	(2) 3/4"	(1) 3/4"	25	
666	Raised Ground	13.0 (213.0)	(6) 1/2"	(1) 1/2" (1) 3/4"	—	50	—
Extension Rings, 1-7/8" Deep - Drawn with Conduit KOs							
665	—	13.0 (213.0)	(6) 1/2"	(2) 1/2"	—	20	



Single Device Handy Boxes and Covers



Applications

- RACO® Handy boxes, also called utility boxes, are used for convenience outlets, switch boxes or small junction boxes
- They are popular for exposed work applications (surface mounted wiring)
- The NEC requires that surface-mounted wiring be enclosed with a protective covering such as EMT conduit
- RACO® Handy Box covers are used to close a Handy Box
- Covers also may be used as single gang wall plates

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- RACO® Handy Box covers are designed to match the contours of the box
- Cover corners are rounded
- All covers have captive screws

Compliance

- LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

See end of section (Pg A91) for detailed drawings »

Handy Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
4" x 2" Handy Boxes, 2-1/8" Deep - Welded with Conduit KOs							
670RAC	—	16.5 (270.4)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
670RACRD	Color Red	16.5 (270.4)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
8670	—	16.5 (270.4)	(6) 1/2"	(2) 1/2"	(3) 1/2"	25	
674	—	16.5 (270.4)	(4) 3/4"	(2) 3/4"	(2) 3/4"	50	
678	TS Bracket, 1/2" Setback	16.5 (270.4)	(3) 1/2"	(2) 1/2"	(3) 1/2"	25	
671	A Bracket, 5/8" Setback	16.5 (270.4)	(3) 1/2"	(2) 1/2"	(3) 1/2"	50	
3-3/4" x 1-9/16" Industrial Handy Box and Cover - Drawn with Conduit KOs							
640	1-1/2" Depth	7.3 (119.6)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
880	Blank Cover with Captive Screws	—	—	—	—	50	—

4" x 2" Handy Box Covers - 2-5/16" Wide x 4-3/16" Length

Catalog #	Description	Std. Pkg.	Bar Code
860	Blank	25	
861	1/2" KO, Centered	25	
862	GFCI	25	
865	Toggle Switch	25	
864	Duplex Receptacle	25	
863	Single Receptacle, 1.406" Dia.	25	
867	20A Receptacle, 1.594" Dia.	25	



Two Device Handy / Switch Boxes and Covers

Applications

- Installers can save time and cut installation costs with two gang switch boxes
- Larger capacity boxes are ideal for today's designs where there is a need to install two devices at one location
- Drawn boxes are ideal for exposed work applications (surface mounted wiring)

Product Features

- 681, 685 bracketed boxes are set back 1/2" eliminating the need for a plaster ring
- Reference the Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- 871, 872 and 873 covers are unpainted and manufactured from pre-galvanized steel

Compliance

- **UL LISTED**
 - All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
- For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



4" Square Two Devices Boxes and Plates

Cat. #	Description	Cubic Inches (CM ³)	Knockouts		Std. Pkg.	Bar Code
			Sides Conduit	Bottom Conduit		
Switch Boxes, 2-1/8" Deep - Drawn with Conduit KOs						
680	—	30.3 (496.5)	(12) 1/2"	(5) 1/2"	25	
683	—	30.3 (496.5)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	25	
683SP	—	30.3 (496.5)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	10	
681	TS Bracket, 1/2" Setback	30.3 (496.5)	(9) 1/2"	(5) 1/2"	25	
681SP	TS Bracket, 1/2" Setback	30.3 (496.5)	(9) 1/2"	(5) 1/2"	8	
685	TS Bracket, 1/2" Setback	30.3 (496.5)	(6) 3/4"	(3) 1/2", (2) 3/4"	25	
685SP	TS Bracket, 1/2" Setback	30.3 (496.5)	(6) 3/4"	(3) 1/2", (2) 3/4"	8	
Wall Plates						
871	2 Toggle Switches, 1/4" Raised from Surface	—	—	—	25	
872	1 Duplex and 1 Toggle Switch, 1/4" Raised from Surface	—	—	—	25	
873	2 Duplex Receptacles, 1/4" Raised from Surface	—	—	—	25	

See end of section (Pg A91) for detailed drawings »



Switch Boxes

3" X 2" Switch Boxes - With Conduit KOs

Applications

- RACO® Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications

Compliance

- LISTED
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



400



420



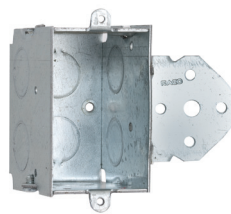
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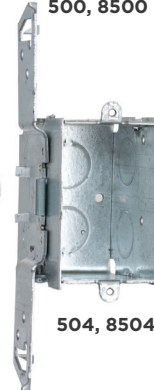
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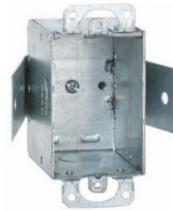
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506



509



508

Switch Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
1-1/2" Deep - Gangable with Conduit KOs								
400	Plaster Ears	7.5 (122.9)	—	—	(2) 1/2"	(1) 1/2"	20	
2" Deep - Gangable with Conduit KOs								
420	Plaster Ears	10.0 (163.9)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	20	
2-1/2" Deep - Gangable with Conduit KOs								
500	Plaster Ears	12.5 (204.8)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	50	—
8500	Plaster Ears	12.5 (204.8)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	25	
501	No Plaster Ears	12.5 (204.8)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	50	—
503	Plaster Ears	12.5 (204.8)	(4) 1/2"	—	(2) 3/4"	(2) 1/2"	50	—
502	B Bracket, 5/8" Setback	12.5 (204.8)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	10	
504	TS Bracket, 1/2" Setback	12.5 (204.8)	(2) 1/2"	—	(2) 1/2"	(2) 1/2"	50	—
8504	TS Bracket, 1/2" Setback	12.5 (204.8)	(2) 1/2"	—	(2) 1/2"	(2) 1/2"	20	
506	Old Work TIGERGRIP®, Plaster Ears	12.5 (204.8)	—	—	(2) 1/2"	(2) 1/2"	16	
509	Old Work, Plaster Ears	12.5 (204.8)	—	—	(2) 1/2"	(2) 1/2"	20	
2-1/2" Deep - Nongangable with Conduit KOs								
508	Old Work, 3/4" Sheet Rock Max., Plaster Ears	12.5 (204.8)	—	—	(2) 1/2"	—	20	

See end of section (Pg A92) for detailed drawings »





3" X 2" Switch Boxes - With Conduit KOs

Applications

- RACO® Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications



560



565



562

Compliance

- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



590, 8590



591



592

Switch Boxes

Cat. #	Description	Cubic Inches (Cm3)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2-3/4" Deep - Nongangable with Conduit KOs								
560	Plaster Ears	14.0 (229.4)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	25	
565	Plaster Ears	14.0 (229.4)	(4) 3/4"	—	(2) 3/4"	(2) 1/2"	50	—
562	TS Bracket, 1/2" Setback	14.0 (229.4)	(2) 1/2"	—	(2) 1/2"	(2) 1/2"	50	—
3-1/2" Deep - Gangable with Conduit KOs								
590	Plaster Ears	18.0 (295.0)	(4) 1/2"	—	(4) 1/2"	(1) 1/2"	50	—
8590	Plaster Ears	18.0 (295.0)	(4) 1/2"	—	(4) 1/2"	(1) 1/2"	25	
591	Plaster Ears	18.0 (295.0)	(4) 3/4"	—	(4) 3/4"	(1) 1/2"	50	
592	No Plaster Ears	18.0 (295.0)	(4) 1/2"	—	(4) 1/2"	(1) 1/2"	50	—

See end of section (Pg A92) for detailed drawings »



Switch Boxes

3" X 2" Switch Boxes - With Armored Cable / Metal Clad / Flex Clamps

Applications

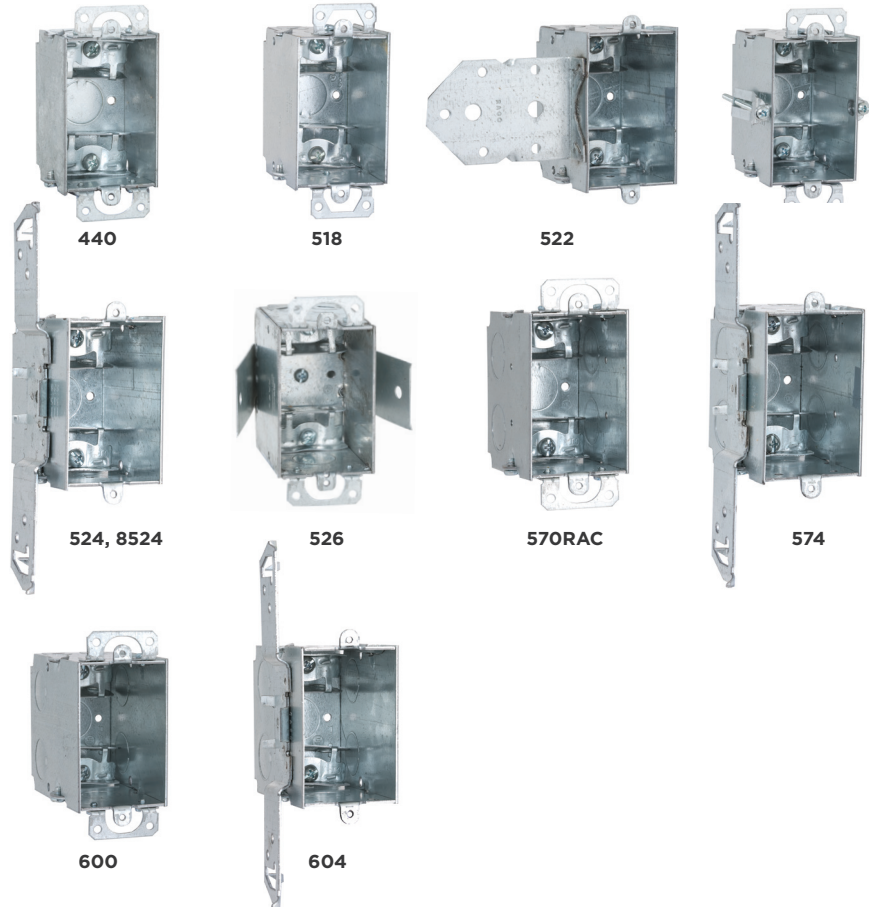
- RACO® Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications
- Reference the Box Selection section in the front of this catalog for complete description of clamp types and features

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



Switch Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2" Deep Switch Box - Gangable with Armored Cable/Metal Clad/Flex Clamps								
440	Plaster Ears	10.0 (163.9)	—	4	—	(1) 1/2"	50	—
2-1/2" Deep - Gangable with Armored Cable/Metal Clad/Flex Clamps								
518	Plaster Ears	12.5 (204.8)	—	4	—	(1) 1/2"	25	
524	TS Bracket, 1/2" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	50	—
8524	TS Bracket, 1/2" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	
522	LB Bracket, 5/8" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	
523	Plaster Ears, Old Work, GRIPTITE®	12.5 (204.8)	—	4	—	(1) 1/2"	25	
2-1/2" Deep - Nongangable with Armored Cable/Metal Clad/Flex Clamps								
526	Plaster Ears, Old Work, 3/4" Sheet Rock Max.	12.5 (204.8)	—	4	—	—	20	
2-3/4" Deep - Gangable with Armored Cable/Metal Clad/Flex Clamps								
570RAC	2-3/4" Depth, Plaster Ears	14.0 (229.4)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	50	—
574	2-3/4" Depth, TS Bracket, 1/2" Setback	14.0 (229.4)	(2) 1/2"	4	(2) 1/2"	(1) 1/2"	25	
3-1/2" Deep - Gangable with Armored Cable/Metal Clad/Flex Clamps								
600	Plaster Ears	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	—
604	TS Bracket, 1/2" Setback	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	

See end of section (Pg A92) for detailed drawings »



3" X 2" Stab-IT® Switch Boxes - With Armored Cable / Metal Clad / Flex Clamps

Applications

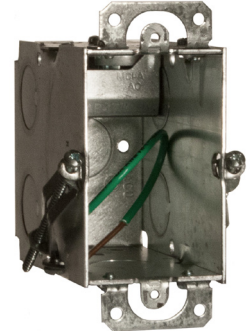
- For any job where flexible armored cable is being used.

Product Features

- Designed for quick installation of flex, MC, MCI, MCI-A, AC, and HCF Cable
- Accepts cable sizes from 14/2 up to 10/3 for most cable types
- Available in 4" sq. 2-1/8" deep boxes with 1 or 2 Stab-IT connectors
- Each Stab-IT connector accommodates two cables
- Pre-installed 8" solid #12 pigtail for faster installation



518S



623S

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls.
For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6

Switch Box Stab-IT Connector

Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2-1/2" Deep								
518S	(1) Stab-IT Connector, Pigtail	12.5 (204.8)	—	—	—	(1) 1/2"	25	
3-1/2" Deep								
623S	(1) Stab-IT Connector, Old Work Clips, Pigtail	18.0 (295.0)	—	—	—	(1) 1/2"	25	

See end of section (Pg A92) for detailed drawings »



Switch Boxes

3" X 2" Switch Boxes - With Non-Metallic Sheathed Cable Clamps

Applications

- RACO® Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- Beveled corner boxes are designed to prevent the clamp screws from protruding into back wall
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications

Compliance

- **UL LISTED**
- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



410



445



471



473



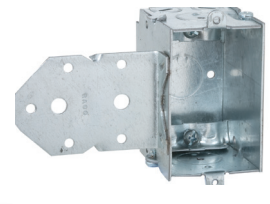
487



519



528



529



545



517



531



512

Switch Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
1-1/2" Deep - Nongangable with Non-Metallic Sheathed Cable Clamps								
410	Plaster Ears	7.5 (122.9)	—	4	—	—	25	
2" Deep - Gangable with Non-Metallic Sheathed Cable Clamps								
445	Plaster Ears	10.0 (163.9)	—	4	—	(1) 1/2"	50	—
2-1/4" Deep - Gangable with Non-Metallic Sheathed Cable Clamps								
471	One Screw, Plaster Ears	10.5 (172.1)	—	4	—	(1) 1/2"	25	
473	Level Bumps	10.5 (172.1)	—	4	(2) 1/2"	(1) 1/2"	20	
487	Old Work, TIGERGRIP®	10.5 (172.1)	—	4	—	(1) 1/2"	20	
2-1/2" Deep - Nongangable with Non-Metallic Sheathed Cable Clamps								
545	Plaster Ears, Old Work, 3/4" Sheet Rock Max.	12.5 (204.8)	—	4	(2) 1/2"	—	20	
2-1/2" Deep - Gangable with Non-Metallic Sheathed Cable Clamps								
519	Plaster Ears	12.5 (204.8)	—	4	—	(1) 1/2"	25	
528	Level Bumps	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	
529	LB Bracket, 5/8" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	20	
531	TS Bracket, 1/2" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	
517	Plaster Ears, Old Work, TIGERGRIP®	12.5 (204.8)	—	4	—	(1) 1/2"	20	
512	Plaster Ears, Old Work	12.5 (204.8)	—	4	—	(1) 1/2"	20	

See end of section (Pg A92) for detailed drawings »





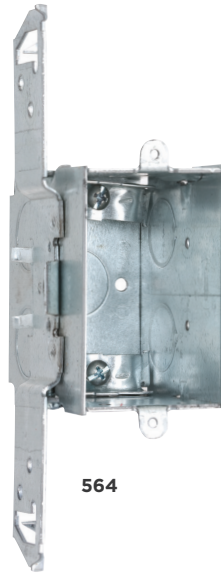
3" X 2" Switch Boxes - With Non-Metallic Sheathed Cable Clamps

Applications

- RACO® Switch boxes are used to house wiring devices such as switches or outlets

Product Features

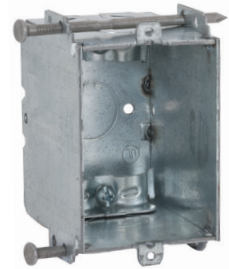
- RACO® 355 and 8355 are extra wide for ease of GFCI installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Gangable switch boxes offer the option of constructing a box to hold two or more devices
- Plaster ears allow box to be used in "old work" applications



564



567



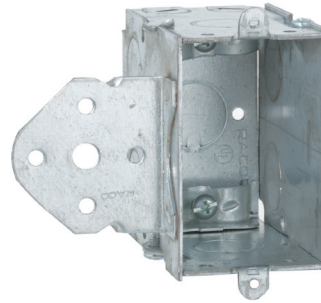
355, 8355

Compliance

- All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



601, 8601



603



605

Switch Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
2-3/4" Deep - Gangable with Non-Metallic Sheathed Cable Clamps								
567	Plaster Ears	14.0 (229.4)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	
564	TS Bracket, 1/2" Setback	14.0 (229.4)	(2) 1/2"	4	(2) 1/2"	(1) 1/2"	25	
2-27/32" Deep - Nongangable with Non-Metallic Sheathed Cable Clamps								
355	S Bracket, Nails	15.8 (258.9)	—	4	—	(1) 1/2"	50	—
8355	S Bracket, Nails	15.8 (258.9)	—	4	—	(1) 1/2"	20	
3-1/2" Deep - Gangable with Non-Metallic Sheathed Cable Clamps								
601	Plaster Ears	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	—
8601	Plaster Ears	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	
605	TS Bracket, 1/2" Setback	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	
603	B Bracket, 5/8" Setback	18.0 (295.0)	(4) 1/2"	4	(2) 1/2"	(1) 1/2"	25	—

See end of section (Pg A92) for detailed drawings »



Switch Boxes

Shallow Switch Boxes - With Non-Metallic Sheathed Cable Clamps


Applications

- RACO® Shallow switch boxes are made for use with furring strips and 1/4" paneling
- Switch boxes are used to house wiring devices such as switches or outlets

Product Features

- RACO® "D" bracket is pre-scored and can be broken off if needed
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- 418 will accept 4" square mudring or flat cover

Compliance

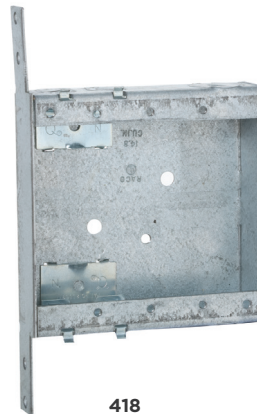
-  All RACO UL listed steel boxes are acceptable for use in 2 hr. fire rated floor-ceiling and roof-ceiling assemblies, as well as 2 hr. fire rated bearing and non-bearing wood stud and steel stud walls. For additional information consult Fire Resistance Ratings ANSI/UL 263, Sec. III-6



404, 404SP



405



418

Switch Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
3-3/4" x 2" Switch Box, 1" Deep - Nongangable with Non-Metallic Sheathed Cable Clamps								
404	Q Clamp, 1/4" Setback	6.5 (106.5)	—	2	(1) 1/2"	—	25	
404SP	Q Clamp, 1/4" Setback	6.5 (106.5)	—	2	(1) 1/2"	—	6	
405	Q Clamp, 1/4" Setback	6.5 (106.5)	—	4	—	—	25	
4" x 4" Switch Box, 1" Deep - Nongangable with Non-Metallic Sheathed Cable Clamps								
418	(2) Q Clamp, 1/4" Setback	14.8 (242.5)	—	4	(2) 1/2"	—	25	



Multidevice Large Capacity Switch Boxes & Partitions

Applications

- Installers can save time and cut installation costs with multigang switch boxes
- Larger capacity boxes are ideal for today's designs where there is a need to install two devices at one location



686



687

Product Features

- Reference the Box Selection section in the front of this catalog for complete description of bracket and clamp types and features



971

Compliance



Multidevice Switch Boxes, 2-1/2" Deep - Welded with Conduit KOs

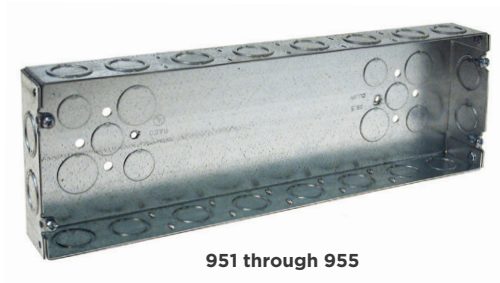
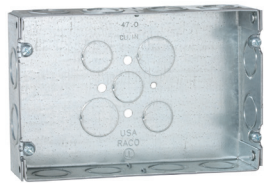
Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
686	3-Gang, 1/2" Setback	47.8 (783.3)	(6) 1/2", (6) 3/4"	—	(2) 1/2", (2) 3/4"	(3) 1/2", (3) 3/4"	10	
687	4-Gang, 1/2" Setback	63.5 (1040.6)	(8) 1/2", (8) 3/4"	—	(2) 1/2", (2) 3/4"	(4) 1/2", (4) 3/4"	10	

Low-Voltage Partition

Cat. #	Description	Cubic Inches (CM ³)	Knockouts				Std. Pkg.	Bar Code
			Sides Conduit	Ends Cable	Ends Conduit	Bottom Conduit		
971	For 686 and 687 Boxes	—	—	—	—	—	25	—

See end of section (Pg A92) for detailed drawings »

Multigang Boxes



Applications

- RACO® Gang boxes are used where a number of wiring devices are to be centrally located

Product Features

- Gang boxes save time in installation, no need to gang boxes together
- Have 3/4" and 1" concentric KO's for use with a wide variety of wiring methods
- Bottom KO pattern, 3-1/2" and 2-3/4" at either end of box
- Accept two styles of covers, flat and 3/4" raised device cover
- Use low voltage partitions #974 or #949

Compliance

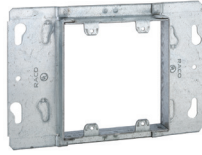


Gang Boxes

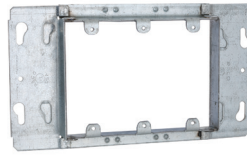
Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Top & Bottom	Sides	Back		
1-5/8" Deep - Welded with Conduit KOs							
951	2-Gang	47.0 (770.1)	8 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(3) 1/2" (2) 3/4"	5	—
952	3-Gang	60.0 (983.2)	10 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	5	—
953	4-Gang	72.8 (1192.9)	12 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	5	—
954	5-Gang	85.8 (1406.0)	14 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	5	—
955	6-Gang	98.5 (1614.1)	16 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	1	—
2-1/2" Deep - Welded with Conduit KOs							
941	2-Gang	70.0 (1147.0)	(4) 3/4" 4 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(3) 1/2" (2) 3/4"	5	—
942	3-Gang	90.0 (1474.8)	(8) 3/4" 2 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	5	—
943	4-Gang	110.0 (1802.5)	(4) 3/4" 4 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	5	—
944	5-Gang	130.0 (2130.3)	(6) 3/4" 4 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	5	—
945	6-Gang	150.0 (2458.0)	(6) 3/4" 6 Conc. 3/4" & 1"	4 Conc. 3/4" & 1"	(6) 1/2" (4) 3/4"	1	—

See end of section (Pg A92) for detailed drawings »

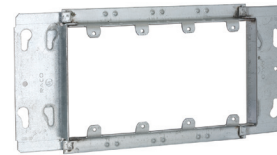
Covers and Partitions



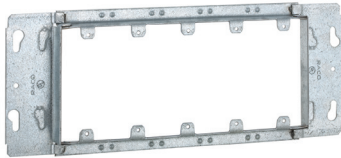
821



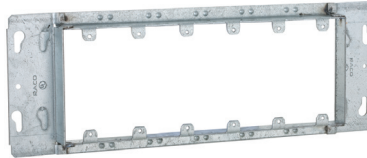
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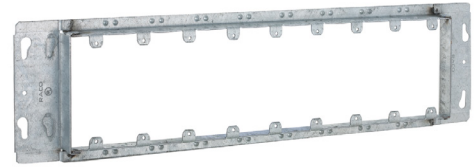
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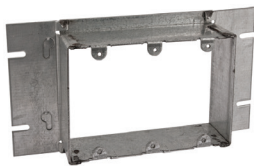
824



825



828



834, 836



974



949


Applications

- RACO® Gang box covers permit the mounting of devices
- Low voltage partitions may be added to boxes to divide power from voice/data
- RACO® 834 and 836 covers are ideal for nurse call stations

Product Features

- RACO® Device covers also fit next smaller box, i.e. three gang cover fits two or three gang box
- Partition divides boxes into compartments

Compliance

-  LISTED
(Cat. #974 and #949 not UL Listed)

Covers and Partitions

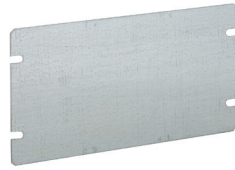
Cat. #	Description	For Gang Boxes	Cu. In. Capacity (CM ³)	Std. Pkg.	Bar Code
Device Covers for Gang Boxes- Raised 3/4"					
821	2-Gang, 7-1/16" Width	951 or 941	10.0 (163.8)	5	—
822	3-Gang, 8-7/8" Width	952 or 942	15.3 (250.7)	5	
823	4-Gang, 10-11/16" Width	953 or 943	20.3 (332.6)	5	
824	5-Gang, 12-1/2" Width	954 or 944	25.5 (417.8)	5	—
825	6-Gang, 14-5/16" Width	955 or 945	30.5 (499.8)	1	—
828	9-Gang, 19-3/4" Width	958	45.8 (750.5)	1	—
Device Covers for Gang Boxes					
834	3-Gang, 8-7/8" Width, 2" Raised	952 or 942	40.8 (668.5)	15	—
836	3-Gang, 8-7/8" Width, 1-1/2" Raised	952 or 942	30.6 (501.4)	20	—
Low Voltage Partitions for Gang Boxes					
974	For 1-5/8" Deep	—	—	25	—
949	For 2-1/2" Deep	—	—	25	—

Multigang Boxes

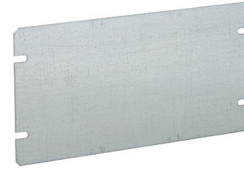
Blank Covers



844



845



846



847



848

Applications

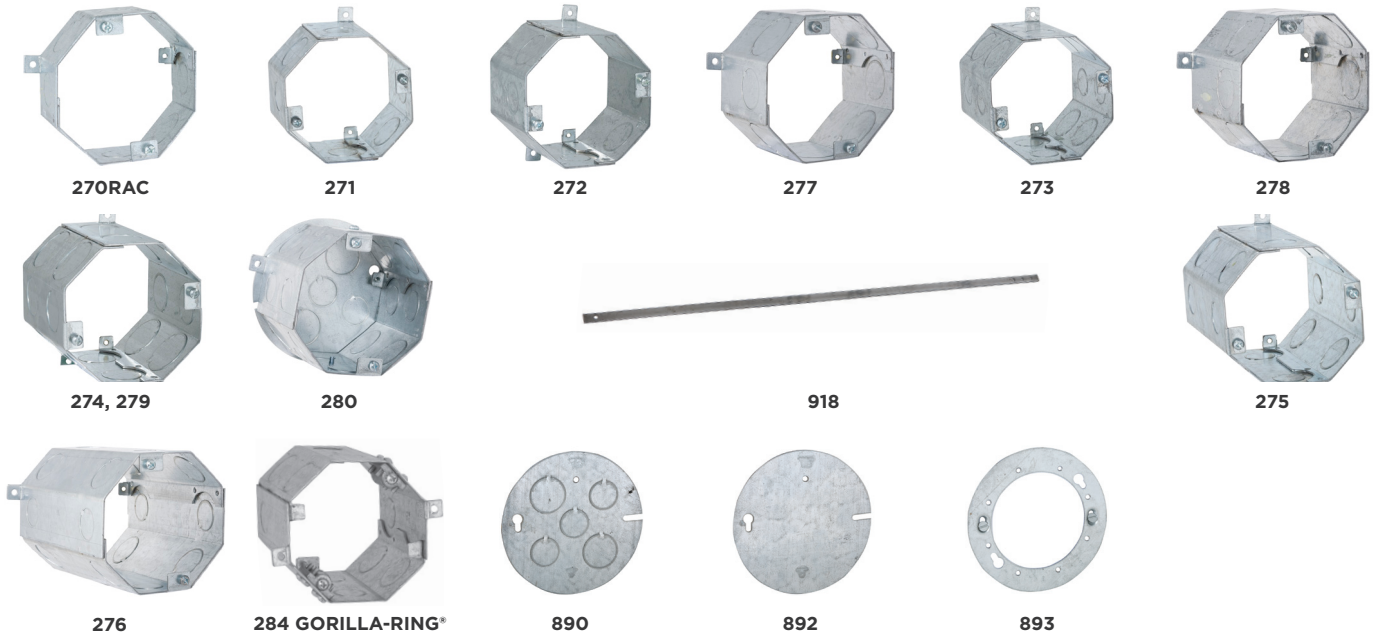
- Covers are used to close a multigang box

Flat, Blank Covers for Gang Boxes

Cat. #	Description	For Gang Boxes	Std. Pkg.	Bar Code
844	2-Gang, 7-1/16" Width	951 or 941	5	—
845	3-Gang, 8-7/8" Width	952 or 942	5	—
846	4-Gang, 10-11/16" Width	953 or 943	5	—
847	5-Gang, 12-1/2" Width	954 or 944	1	—
848	6-Gang, 14-5/16" Width	955 or 945	1	—



Concrete Rings, Ceiling Box and Cover Plates



Applications

- RACO® Concrete rings are used with poured deck (floor) in high-rise construction
- These boxes are installed on wooden or steel concrete forms. After the forms are removed, the box is flush with the concrete
- *RACO® Ceiling Fan Concrete Ring 284 is listed for support of ceiling fans

Product Features

- Flat sides provide excellent contact for locknuts
- External ears are used to nail the ring to the wood form
- Top cover is removable for before-pour work
- Ears on inside of box are for fixtures
- Waxed fixture ears prevent concrete from interfering with the threads
- A variety of cover plates are available
- Cover plate must be ordered separately with all RACO® concrete rings

Compliance



Concrete Rings

Cat. #	Description	Cubic Inches (CM ³)	Knockouts	Recommended Max. Loads		Std. Pkg.	Bar Code
				Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
270RAC	2" Deep	24.5 (401.4)	Single Row KOs - 1/2" and 3/4"	No	50	25	—
271	2-1/2" Deep	30.8 (504.7)	Single Row KOs - 1/2" and 3/4"	No	50	25	
272	3" Deep	37.0 (606.3)	Single Row KOs - 1/2" and 3/4"	No	50	25	—
277	3" Deep	37.0 (606.3)	Single Row KOs - 3/4" and 1"	No	50	25	—
273	3-1/2" Deep	43.0 (704.6)	Double Row KOs - 1/2" and 3/4"	No	50	20	—
278	3-1/2" Deep	43.0 (704.6)	Single Row KOs - 3/4" and 1"	No	50	20	—
274	4" Deep	49.3 (807.8)	Double Row KOs - 1/2" and 3/4"	No	50	20	—
279	4" Deep	49.3 (807.8)	Double Row KOs - 3/4" and 1"	No	50	20	—
275	5" Deep	61.5 (1007.8)	Double Row KOs - 1/2" and 3/4"	No	50	10	—
276	6" Deep	74.0 (1212.6)	Double Row KOs - 1/2" and 3/4"	No	50	10	—
284*	4" Deep	49.3 (807.8)	Double Row KOs - 1/2" and 3/4"	70	150	6	—

Hung Ceiling Box

280	3-1/2" Deep, includes an 890 cover	43.0 (704.6)	Double Row KOs (8) 1/2" and (8) 3/4"	No	—	20	—
918	30" Long Bars for Hung Ceiling Box	—	—	No	—	40	—

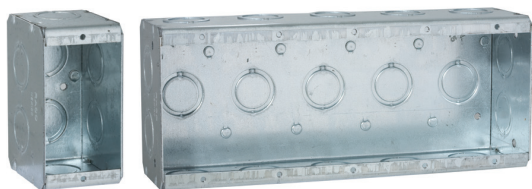
Concrete Ring - Back Plates/Covers and Adapter Ring

Cat. #	Description	Std. Pkg.	Barcode
890	(3) 1/2" and (2) 3/4" KO's, O.D. 4-1/2"	25	
892	Flat, Blank, O.D. 4-1/2"	25	—
893	O.D. 4-1/2", Joins Octagon Ext. Ring to Concrete Ring, Two Retained Screws	50	—

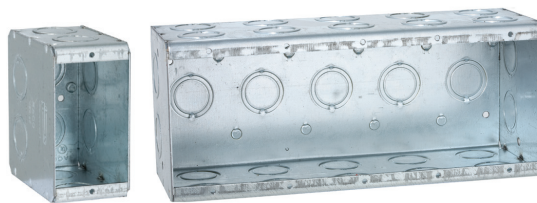
See end of section (Pg A93) for detailed drawings »

Masonry Boxes

Masonry Boxes and Partitions



690 through 694



695 through 699



960



965



971



949

Applications

- RACO® Masonry boxes are designed to accommodate the mounting of switches or other devices in masonry walls
- Gangable masonry boxes offer the option of constructing a box to hold two or more devices
- 2-1/2" deep boxes are used in 4" block walls, 3-1/2" deep boxes are used in 6" or 8" block walls

Nongangable Product Features

- Rugged welded design does not fall apart during construction
- Available from one to six gang configurations in both 2-1/2" and 3-1/2" depths
- Rectangular shape fits square cuts in block
- Large volume design allows for additional work room inside the box
- Standard 1/2" and 3/4" concentric Knockouts
- Device ears inside the box prevent mortar from getting in the device holes
- Steel low voltage partition #971 fits all 2-1/2" or 3-1/2" depths
- Standard wall plates can be used

Compliance



See end of section (Pg A93) for detailed drawings »

Masonry Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
2-1/2" Deep - Nongangable with conduit KOs							
690	1-gang, 1-31/32" wide	16.0 (262.1)	4 Conc.	2 Conc.	2 Conc.	25	—
691	2-gang, 3-25/32" wide	31.8 (521.1)	4 Conc.	4 Conc.	4 Conc.	25	—
692	3-gang, 5-19/32" wide	47.8 (783.3)	4 Conc.	6 Conc.	3 Conc.	10	—
693	4-gang, 7-13/32" wide	63.5 (1040.5)	4 Conc.	8 Conc.	4 Conc.	10	—
694	5-gang, 9-7/32" wide	79.5 (1302.7)	4 Conc.	10 Conc.	5 Conc.	10	—
960	6-gang, 11-1/32" wide	95.3 (1561.6)	4 Conc.	12 Conc.	6 Conc.	1	—
3-1/2" Deep - Nongangable with conduit KOs							
695	1-gang, 1-31/32" wide	22.5 (368.7)	4 Conc.	4 Conc.	2 Conc.	25	—
8695	1-gang, 1-31/32" wide	22.5 (368.7)	4 Conc.	4 Conc.	2 Conc.	25	
696	2-gang, 3-25/32" wide	45.0 (737.4)	4 Conc.	8 Conc.	4 Conc.	25	
697	3-gang, 5-19/32" wide	67.3 (1102.8)	4 Conc.	12 Conc.	3 Conc.	10	
698	4-gang, 7-13/32" wide	89.8 (1471.5)	4 Conc.	16 Conc.	4 Conc.	10	—
699	5-gang, 9-7/32" wide	112.3 (1840.2)	4 Conc.	20 Conc.	5 Conc.	10	—
965	6-gang, 11-1/32" wide	134.8 (2208.9)	4 Conc.	24 Conc.	6 Conc.	1	—

Low Voltage Partitions for Masonry Boxes

Catalog #	Description	Std. Pkg.	Bar Code
971	For nongangable, 2-1/2" or 3-1/2" deep boxes	25	—
949	For gangable, 2-1/2" deep boxes	25	

Gangable Masonry Boxes and Partitions



688



689



675



676

Applications

- RACO® Masonry boxes are designed to accommodate the mounting of switches or other devices in masonry walls
- Gangable masonry boxes offer the option of constructing a box to hold two or more devices
- 2-1/2" deep boxes are used in 4" block walls, 3-1/2" deep boxes are used in 6" or 8" block walls

Gangable Product Features

- Rugged welded design does not fall apart during construction
- Gangable design allows installer to build unlimited number of gangs to hold multiple devices
- Rectangular shape fits square cuts in block
- Standard 1/2" and 3/4" TKO® Knockouts
- Device ears inside the box prevent mortar from getting in the device holes
- Steel low voltage partitions:
#675 fits 2-1/2" box
#676 fits 3-1/2" deep box
- Forward mounted grounding provision allows for easy installation of grounding pigtail
- Standard wall plates can be used

Compliance



Masonry Boxes

Cat. #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
2-1/2" Deep - Gangable with conduit KOs							
688	1-gang, 1-15/16" wide	15.5 (253.9)	4 TKO*	2 TKO*	2 TKO*	20	
3-1/2" Deep - Gangable with conduit KOs							
689	1-gang, 1-15/16" wide	22.5 (368.7)	4 TKO*	4 TKO*	2 TKO*	20	

Low Voltage Partitions for Masonry Boxes

Catalog #	Description	Std. Pkg.	Bar Code
675	For gangable, 2-1/2" deep boxes	20	
676	For gangable, 3-1/2" deep boxes	20	

Masonry Boxes

Block-Loc™ Masonry Boxes



689B



695B



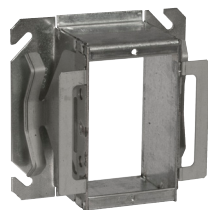
696B



697B



698B



786B



796B



899B

Block-Loc™ Applications

- For power and data outlets in masonry block walls

Block-Loc™ Features

- Integral brackets securely hold power and data outlets to concrete block from front and back in masonry block walls
- Quick and accurate positioning
- Break off front tabs

Compliance

- LISTED

Block-Loc Masonry Boxes

Catalog #	Description	Cubic Inches (CM ³)	Knockouts			Std. Pkg.	Bar Code
			Sides Conduit	Ends Conduit	Bottom Conduit		
689B	3-1/2" deep 1-gang, gangable	22.5 (368.7)	4 TKO*	2 TKO*	2 TKO*	18	
695B	3-1/2" deep 1-gang, welded	22.5 (368.7)	4 Conc.	4 Conc.	2 Conc.	18	
696B	3-1/2" deep 2-gang, welded	45.0 (737.4)	4 Conc.	8 Conc.	4 Conc.	12	
697B	3-1/2" deep 3-gang, welded	67.3 (1102.8)	4 Conc.	12 Conc.	3 Conc.	12	
698B	3-1/2" deep 4-gang, welded	89.8 (1471.6)	4 Conc.	16 Conc.	4 Conc.	6	
786B	4" Sq. 1-gang tile cover, 2" deep	14.5 (237.6)	—	—	—	25	
796B	4" Sq. 2-gang tile cover, 2" deep	20.5 (335.9)	—	—	—	20	
899B	4-11/16" Sq. 1-gang tile cover, 2" deep	16.0 (262.2)	—	—	—	12	

Braces and Brackets - Between Studs

Applications

9004R - 9006R, 9015R

- RACO® Braces and extenders are used for metal or wood stud box positioning

Product Features

- Available for 1-1/2" or 2-1/8" deep boxes
- Locator dimples on face of bar allows for exact positioning of single or multiple boxes
- Dimple feature provides quick start of screws, and reinforcement to prevent box mounting screws from stripping out when box is mounted
- Design of adjustable brace allows ground screw to clear when box is mounted
- Boxes attach easily with self-tapping screws

Compliance



Applications - 9001, 9002

- Positions electrical boxes, plaster rings and low voltage devices between studs

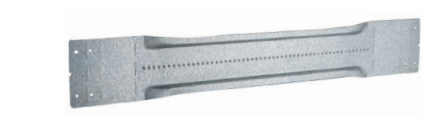
Product Features

- Fold-back stabilizer leg prevents bracket from being pushed back in wall cavity during drywall installation
- Designed for 2-1/2" or 3-1/2" studs.
- Mounts 4" or 4-11/16" sq. boxes
- Box can be mounted on ring without raised cover to save time by providing maximum work area inside box
- When mounted, raised cover is brought to within 1/16" of drywall every time and will not bulge or break out drywall

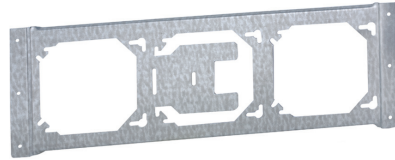
Compliance



9015R



9004R, 9006R



9001



9002

Mounting Braces and Brackets

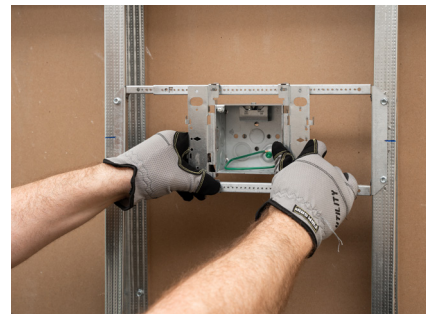
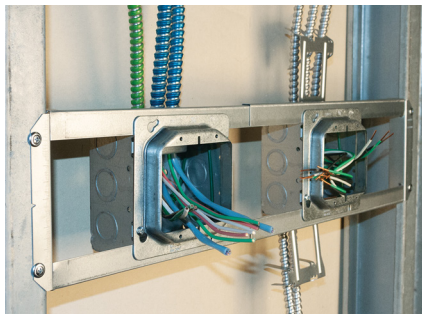
Catalog #	Description	Std. Pkg.	Bar Code
Non-Adjustable Box Mounting Brace - For 4" and 4-11/16" Square Box			
9004R	For 16" stud spacing, 1-1/2" or 2-1/8" deep box	50	—
9006R	For 24" stud spacing, 1-1/2" or 2-1/8" deep box	50	—
Adjustable Box Mounting Brace - For 4" and 4-11/16" square box			
9015R	Adjusts from 15" to 26", 1-1/2" or 2-1/8" deep box	50	—
Fixed Position Box Mounting Brackets - For 4" and 4-11/16" square box			
9001	(3) Box, for 16" O. C. studs	50	—
9002	(4) Box, for 24" O. C. studs	50	—

Box Support Products

Open Center Brackets

Applications

- Perfect for commercial construction. Can be adjusted for use on stud spacing anywhere from 16-24". Accommodates 4" or 4-11/16" square boxes and plaster rings. Provides maximum flexibility for installers while reducing required SKUs on the jobsite



Product Features

- Accepts 4" and 4-11/16" square boxes
- Large opening allows multiple boxes to mount anywhere in the space
- Rigid design eliminates need for far-side support
- Adjusts from 16" to 24"
- Can be cut for use in smaller spacing
- Centering marks for quick installation
- Use on wood or metal studs
- Galvanized steel construction



9020R



9030G

Adjustable Box Support Bracket

Catalog #	Description	Std. Pkg.	Bar Code
9020R	Adjustable Open Center Bracket for 16" to 24" stud spacing	25	—
9030G	Accepts Only The Universal Stud Mount Brackets And The Ultimate G Series Brackets.	25	—

Compliance

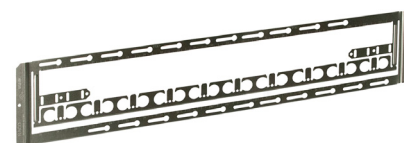
-  US LISTED

Applications

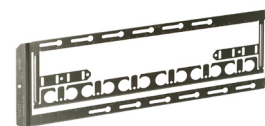
- Easily position and adjust electrical boxes and plaster rings between studs

Product Features

- Accepts both 4" and 4-11/16" square boxes and plaster rings
- Opening gives installer flexibility of box position between studs
- Features built-in first means of support for securing and supporting flex and armored cable
- Built-in ruler to aid in alignment of electrical box



9024R



9016R

Box Support Brackets

Catalog #	Description	Std. Pkg.	Bar Code
9016R	Bracket for 16" stud spacing	25	—
9024R	Bracket for 24" stud spacing	25	—

Compliance

-  US LISTED

Brackets and Box Supports - On Studs

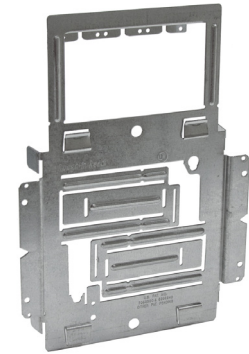
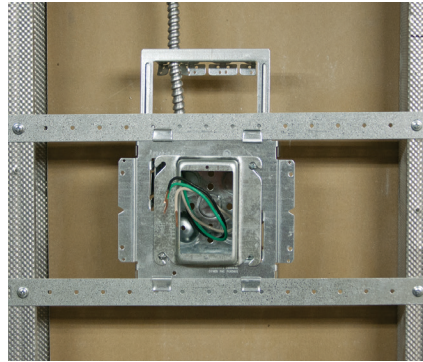
Applications - 9018

- Supports electrical box when mounted to a stud

Product Features

- Dual-point mounting, right or left of stud
Perfect for prefab applications
- Mounts 4" or 4-11/16" sq. box to 2-1/2", 3-1/2" or 6" studs

Compliance



SBRNRRAC

Applications - SBRNRRAC

- Bracket supports electrical box when mounted to a stud

Product Features

- Patented, built-in cable support accepts up to 3 MC cables (12-2 MC to 10-4 MC)
- Mounts 4" sq. box left or right of stud
- Patented flip-out support accommodates wood and metal stud depths: 2-1/2", 3-1/2", 3-5/8", 5-1/2" and 6"

Compliance



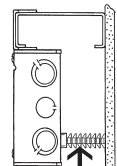
9018



BOX-LOC® 980



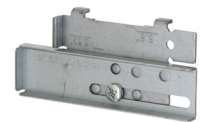
978



978 Installed



SP2RAC



987

Applications - 980 BOX-LOC® & 978 (Sold Separately)

- Allows any 4" or 4-11/16" square metal box to be affixed to a metal stud quickly and easily. 978 Far Side Support prevents box from being pushed back in wall cavity

Product Features

- 980 Patented spring-steel design installs in seconds without tools
- 978 simply snaps into hole in back of box and is easily cut to fit wall cavity

Applications - SP2RAC

- Spanner bar SP2RAC works for 24" spans, works with both SBRNRRAC and SICRAC bracket systems to provide support between two metal or wood studs
- Bars can be used in many mechanical support applications

Product Features

- 1" high profile, 1/8" mounting holes, 1" O.C.
- Heavy 20 gauge .038" gauge pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

Brackets and Box Supports

Catalog #	Description	Std. Pkg.	Bar Code
Two-Point Box Mounting Brackets			
9018	Left or right side stud mount	100	—
Single Box Mounting Bracket With Cable Support - For MC/BX Wiring Systems			
SBRNRRAC	Positions a 4" Sq. junction box between two studs	30	—
Box-Loc Metal Stud Clip			
980	Spring steel bracket	50	
Plastic Far Side Support			
978	1-7/8" rigid, plastic support	50	—
Between Stud Spanner Bar			
SP2RAC	Spans 24" between two metal or wood studs	30	—
Bracket Support			
987	Heavy duty universal bracket support	25	—

Box Support Products

Box and Cable Supports - Between Studs and Floor

Applications - 9009, 9010

- Supports electrical boxes from floor or concrete forms

Product Features

- Fold back stabilizer prevents bracket from being pushed back in wall cavity during drywall installation
- Designed for mounting square boxes 12" or 18" above floor. Mounts to metal or wood plate.
- Mounts 4" or 4-11/16" square boxes
- Box can be mounted on support without drywall ring to save time by providing maximum working area in box
- When mounted, raised cover is brought to within 1/16" of drywall every time. Will not bulge or break out drywall



9009



9010

Compliance



Applications - CS1RAC & CS2RAC

- CS1RAC and CS2RAC are used to organize runs of MC or BX cables with spacing for NEC requirements that eliminate the need for derating
- Flexibility allows for multiple mounting applications



CS1RAC

Floor Mounted Box Support

Catalog #	Description	Std. Pkg.	Bar Code
9009	12" Tall bracket	25	—
9010	18" Tall bracket	25	—

Product Features

- Cable holders can be mounted in multiple configurations - wall/surface, hung by 1/4" all threaded rod, top of wall mounted or deck mounted
- Easy to use, integrated locking tabs hold cable securely in place - snap cable in, no additional hardware required to hold cables in place
- Cable holders accept cable ranges 12-2 MC to 10-4 MC
- Heavy 20 gauge .038" gauge pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

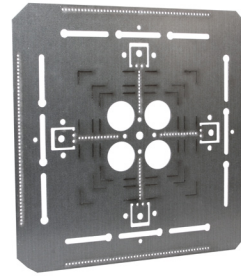
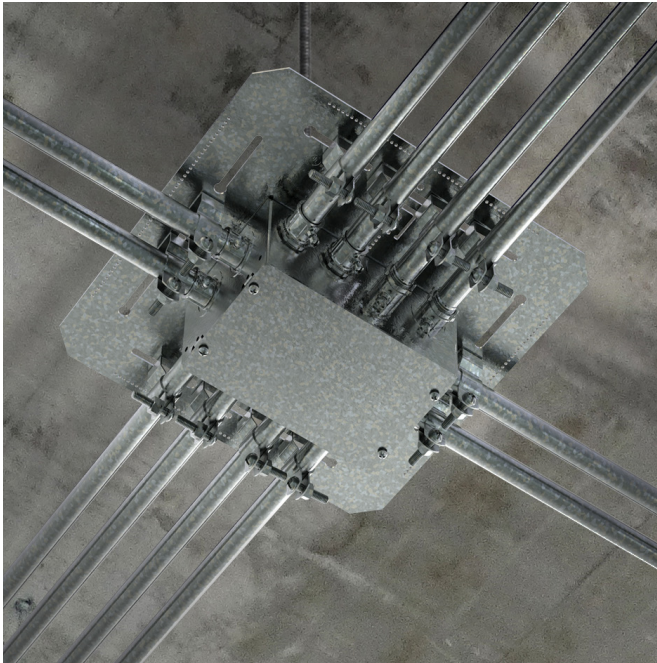
MC/BX Cable Holder

Catalog #	Description	Std. Pkg.	Bar Code
CS1RAC	16" -10 Cable positions	50	—

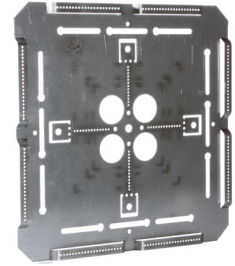
Compliance



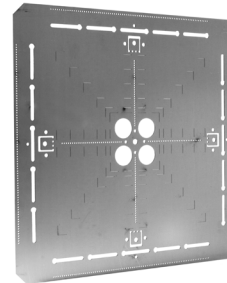
Box Supports - Ceiling



9112R



9112RL



9118R

Applications

- RACO® box support and conduit positioning plates offer flexible options for quickly hanging electrical boxes in commercial or industrial overhead applications. Also provides a means of positioning for conduit exiting the box. Create a clean, organized and strong installation that saves time and materials compared to traditional suspended procedures.

Two 12" models accommodate up to 6" x 6" boxes. Larger 18" model can hold multiple 4" square boxes, or larger boxes up to 12" x 12", including our Grand Slam junction box.

12" x 12" Square Box & Conduit Hangers

Catalog #	Description	Std. Pkg.	Bar Code
9112R	Flat plate, 16 gauge galvanized steel	10	—
9112RL	Lanced plate, 16 gauge galvanized steel	10	—

18" x 18" Square Box & Conduit Hangers

Catalog #	Description	Std. Pkg.	Bar Code
9118R	Flat plate, 16 gauge galvanized steel	5	—

Product Features

- Mount horizontally or vertically from a single 3/8" threaded rod
- Bendable tabs secure plate in vertical installation
- Multiple markings for easier box alignment
- Pre-punched holes for rear raceway access
- Holes and slots provide limitless options for clamp or strap installation
- Lanced feature on 9112RL for easier one-hole strap installation
- Constructed of 16 gauge galvanized steel

Compliance



Accessories for Steel Boxes

Box Supports - Ceiling

Applications - 920, 922

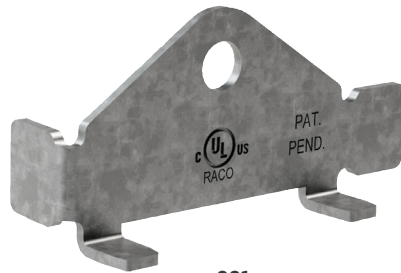
- RACO® Adjustable bar hanger allows box to be placed between ceiling joists or wall studs quickly and easily



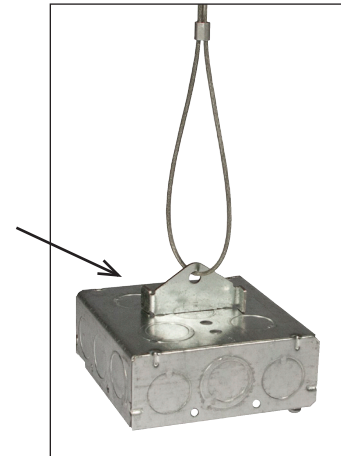
920, 922

Product Features

- Both RACO® 920 and 922 bar fixture hangers allow box to be located anywhere along length of bar
- 920, 922 Clip installs in 1/2" knockout located in bottom (back) of box
- RACO® box must be ordered separately



991



Box Installation

- Bar hangers attach to octagon or square boxes through center 1/2" knockouts
- Remove knockout from box, also the screw and fixture clip from bar hanger
- When box is located accurately between joists, tighten the screw securely


KWIK-HANG™ Applications

- Designed to support 4" square, 4-11/16" square, round, or octagon boxes in hanging applications
- Uses existing holes in bottom of box for quick installation

KWIK-HANG™ Features

- Use with cable, wire, chain, strut (not included) to secure from building structure
- Quick installation
- Locks securely into position
- Durable steel construction
- Installation instructions included

Compliances

- cULus Listed for static fixtures load of 50 lbs or less
- Satisfies NEC 300.11 for box support
-  US LISTED for static fixtures load of 50 lbs or less

Adjustable Bar Hangers

Catalog #	Description	Recommended Max. Loads		Std. Pkg.	Bar Code
		Ceiling Fan (Dynamic) Lbs.	Fixture (Static) Lbs.		
920	Clip, adjusts 14-1/4" to 22-1/2"	No	10**	25	
922	Clip, adjusts 14-1/4" to 22-1/2"	No	10**	50	—

Box Support Products

Catalog #	Description	Std. Pkg.	Bar Code
991	KWIK-HANG™ Box Support Hanger	50	—

Accessories for Steel Boxes

“Old Work Saddle” Application - 970RAC

- The “Old Work Saddle” 907RAC is designed to be used with 2-1/2” deep switch boxes that have plaster ears

“Old Work Saddle” Product Features

- 970RAC installs into the 1/2” bottom conduit knockout

Grip-Lok® Application 977, 8977, 8977-5

- The GRIP-LOK support is designed to be used with any deep switch box that has plaster ears

Grip-Lok® Product Feature

- Simply slip GRIP-LOK between box and wall, then bend tabs into the box

Application - 9008, 9017

- Mounts standard low voltage wall plates, old work (existing walls)

Product Features

- For use on low voltage Class 2 circuits only where electrical boxes are not required
- Can be used to mount telephone jacks, computer outlets, security/sound systems, television antennas, etc.
- Fast, precise mounting of low voltage wall plates to walls or studs

Compliances

-  US LISTED

Add-A-Depth Applications - 976

- Add-A-Depth ring or “goof ring” is designed to act as a barrier between combustible wall surfaces and the wiring system
- For single and two-gang device boxes
- There is no UL standard for this product
- Subject to acceptance by an electric inspector

NEC Code 314.20

- See page A(3) 2017 Standards

Compliances

-  US LISTED

Application - 969

- Old work box support clips convert standard switch box to old work type

Product Features

- Old work switch box clips for use with 1/2” thick standard drywall



970RAC



977, 8977, 8977-5



969



9017



976



999



987



961



962

Accessories

Catalog #	Description	Std. Pkg.	Bar Code
Switch Box Support “Old Work Saddle”			
970RAC	Mounts switch boxes w/ plaster ears in hollow walls or ceilings	10	
Grip-Lok® “Old Work” Switch Box Support			
977	Supplied as a pair to mount switch box with plaster ears in a hollow wall, 1-7/8” long legs	100 pairs	—
8977	Supplied as a pair to mount switch box with plaster ears in a hollow wall, 1-7/8” long legs	25 pairs	
8977-5*	Supplied as a pair to mount switch box with plaster ears in a hollow wall, 1-7/8” long legs	100 pairs	
Old Work Switch Box Clips			
969	Old Work clips for switch boxes, 1/2” sheetrock	50 pairs	
Low Voltage Mounting Bracket			
9017	New or Old Work 1-gang	20 Bags**	
Add-A-Depth Ring			
976	Adjustment range 1/4” - 1”, two 1-1/8” screws included	25 Bags	
Device Leveling Plate			
999	FLUSH-FIT device leveler	50	—
Box Support			
987	Heavy duty Universal Box Support (UBS)	25	

Notes: *4 Bundles of 25 – sold in carton quantities only.

**2 Brackets per polybag.

Switch Box Support “Old Work Saddle”

Cat. #	Description	For RACO® Switch Boxes	Std. Pkg.	Bar Code
961	Plaster ears - open style with screws	410, 420, 440, 445, 500, 503, 506, 508, 526, 545, 560, 565, 567, 570RAC, 590, 600, 601	100	
962	Plaster ears - clipped style with screws	150, 400, 591	100	

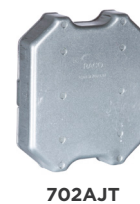
Protector Plates

Cable Protector Plates

Puzzle-Plate® Cable Protectors

Application - 2712 - 2713R

- Protects non-metallic sheathed cable or raceway type wires running through wood studs from accidental nail, screw, or drill penetration. Also applies to plumbing to protect non-metallic piping



Puzzle-Plate® Product Features

- Innovative, interlocking design does not allow nail or screw penetration through gaps or holes
- Pre-galvanized steel construction for added corrosion protection
- No additional hardware required, just position and hammer down spurs
- Unique interlocking feature allows installer to easily increase area that requires protection



Compliances

- (not 2712, 2712-9, 2713)

Nailing Spur Applications -

2709, 2710

- Protects non-metallic sheathed cable or raceway type wires running through wood members from accidental nail, screw or drill penetration
- No nails required

Product Features

- Old work

Compliances

-

Application - 701AJT - 701FG

- RACO® protector plates eliminate drywall compound, debris, paint and drywall router bit from entering box or damaging device or conductors

Product Features

- Raised - covers protect Decora, duplex and switch devices
- Flat - covers close off mudring opening to protect wiring from drywaller's router bit tools
- Feature patented wire retrieval loop to hold data wire in place

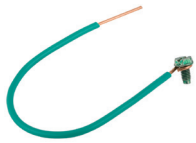
Cable Protector Plates - For Wood Studs

Cat. #	Contractor Pack	Description	Length	Material Thickness	Std. Pkg.	Bar Code
2712	—	Puzzle-Plate / Gangable	2-3/4"	.0510"	100	
2712-9R	Yes	Puzzle-Plate / Gangable	2-3/4"	.0625"	50	—
2712R	—	Puzzle-Plate / Gangable	2-3/4"	.0625"	100	
2713R	—	Puzzle-Plate / Gangable	5"	.0625"	50	
2709	—	Standard Type / Nongangable	2-9/16"	.0625"	100	
2709-9	Yes	Standard Type / Nongangable	2-9/16"	.0625"	100	—
2710	—	Standard Type / Nongangable	2-9/16"	.0625"	200	—

Raised or Flat Device & Wire Protection Plates

Cat. #	Description	Device Protect	Std. Pkg.
701AJT	3/4" raised, for 1 device adjustable mudring	GFI, Duplex, Switch	24
702AJT	3/4" raised, for 2 device adjustable mudring	GFI, Duplex, Switch	24
701RD	Gangable for RACO 686, 687, & RACO nongangable masonry boxes	For Caddy® MPIS	24
701FD	3/4" raised, low voltage	For Caddy® MPIS	50
701FG	Flat, gangable for 686, 687, RACO gang masonry boxes	Opening and Wires	100

Box Grounding Products



982, 994 #14 Wire,
996, 8996-1, 8983-1,
983 #12 Wire



984



992 #14 Wire
993 #12 Wire



998,
8998-1



973,
8973-1



975,
8975-1

Grounding Applications

- RACO® Grounding accessories provide a safe electrical path to ground to help prevent shock
- RACO® Grounding screws thread into the box and provide a means of fastening the ground conductor
- Ground wires fasten to the box and are then connected to wiring system or wiring device
- RACO® 6" and 8" ground pigtails feature 4-way (slotted, phillips, hex-head) combo 10-32 captive screw
- Ground clips provide a quick method of fastening a ground conductor to the edge of a steel outlet box
- Ground clips are designed for use with solid No. 14, 12, and 10 gauge copper conductor or No. 12 and 10 gauge aluminum conductor
- Only one solid ground wire to be installed per ground clip

Grounding Pigtails

CAT.# Wire Length 6" 8"	Description	Std. Pkg.	Bar Code
982 994	#14 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw one end (25 pc. bundles)	1000	—
983 996	#12 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw one end (25 pc. bundles)	1000	—
8983-1 8996-1	#12 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw one end, poly bag (10 pc. per bag)	40 Bags*	
984	#14 Solid bare copper wire, captive 4-way combo head green dye finish ground screw one end (25 bundles)	1000	—
992	#14 Stranded insulated copper wire, captive 4-way combo head green dye finish ground screw one end, spade terminal one end (100 pc. bundles)	500	—
993	#12 Stranded insulated copper wire, captive 4-way combo head green dye finish ground screw one end, spade terminal one end (100 pc. bundles)	500	—

Grounding Screws and Clips

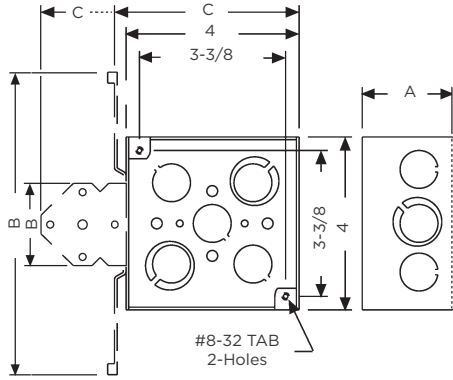
Cat. #	Description	Std. Pkg.	Bar Code
998	4-Way combo head green dye finish 3/8" ground screw for 10-32 tapped hole, clam shell packaged (100 pc. Per clam shell)	1000	
8998-1	4-Way combo head green dye finish 3/8" ground screw for 10-32 tapped hole, poly bag (10 pc. Per bag)	50 Bags*	
973	Slotted head green dye finish 3/8" ground screw for 10-32 tapped hole, clam shell package (100 pc. Per clam shell)	1000	
8973-1	Slotted head green dye finish 3/8" ground screw for 10-32 tapped hole, poly bag (10 pc. Per bag)	50 Bags*	
975	Green dye finish ground clip for #14-#10 AWG copper, clam shell package (100 pc. Per clam shell)	1000	
8975-1	Green dye finish ground clip for #14-#10 AWG copper, poly bag (10 pc. Per bag)	50 Bags*	

Notes: *Order standard package bag quantities only, not per piece.

Detailed Drawings

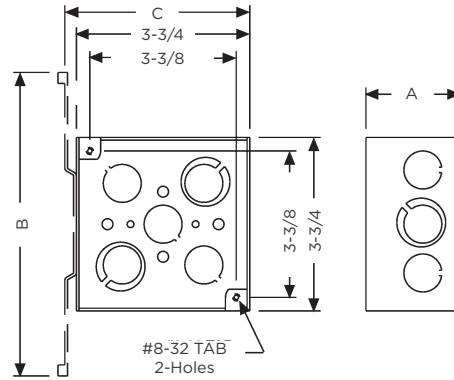
Square Boxes

4" Square Conduit Boxes



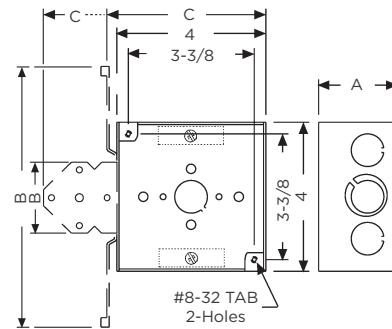
Cat. #	Dimensions		
	A (Inside)	B	C
181	1-1/2"	-	-
185	1-1/4"	-	-
187	1-1/2"	-	-
199	1-1/2"	6-7/8"	4-3/8"
202	1-1/2"	-	-
204	1-1/2"	-	-
207	2-1/8"	-	-
226	1-1/2"	-	-
227	1-1/2"	4-5/8"	5-1/2"
236	2-1/8"	7-5/8"	4-3/8"
237	2-1/8"	7-5/8"	4-3/8"
238	2-1/8"	4-5/8"	5-1/2"
239	2-1/8"	-	-
251	2-1/8"	1-31/32"	6"
8197	1-1/2"	7-3/8"	4-3/8"
189, 8189	1-1/2"	-	-
189F	1-1/2"	-	-
189H	1-1/2"	3-1/8"	4-15/16"
189HWP	1-1/2"	3-1/8"	4-15/16"
189M	1-1/2"	3-1/8"	4-15/16"
189RAC	1-1/2"	-	-
189SM	1-1/2"	-	-
190, 8190	1-1/2"	-	-
191, 8191	1-1/2"	-	-
192, 8192	1-1/2"	-	-
192SM	1-1/2"	-	-
232D	2-1/8"	-	-
193, 8193	1-1/2"	1-31/32"	6"
196, 8196	1-1/2"	6-7/8"	4-3/8"
201, 8201	1-1/2"	-	-
203, 8203	1-1/2"	-	-
208, 8208	1-1/2"	6-13/16"	5-15/16"
231, 8231	2-1/8"	-	-
232, 8232	2-1/8"	-	-
232F	2-1/8"	-	-
232H	2-1/8"	3-1/8"	4-15/16"
232M	2-1/8"	7"	4-15/16"
232-OW	2-1/8"	-	-
232RAC	2-1/8"	-	-
232SM	2-1/8"	-	-
233, 8233	2-1/8"	-	-
235, 8235	2-1/8"	7"	4-5/16"
911-3	2-1/8"	-	-
911-4	2-1/8"	7-5/8"	4-3/8"
911-6	1-1/2"	-	-
911-9	1-1/2"	-	-

3-3/4" Square Conduit Boxes



Cat. #	Dimensions		
	A (Inside)	B	C
255	3-1/2"	7-5/8"	3-3/4"
911-1	3-1/2"	7-5/8"	3-3/4"
256	3-1/2"	-	-
911-2	3-1/2"	-	-

4" Square Cable Boxes



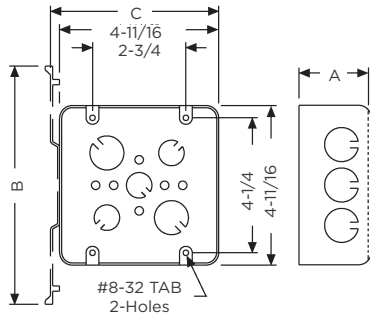
Cat. #	Dimensions		
	A (Inside)	B	C
223	1-1/2"	6-7/8"	4-3/8"
224	1-1/2"	1-31/32"	6"
225	1-1/2"	1-31/32"	6"
228	1-1/2"	4-5/8"	5-1/2"
229	1-1/2"	4-5/8"	5-1/2"
242	2-1/8"	-	-
243	2-1/8"	4-5/8"	5-1/2"
248	1-1/2"	-	-
249	2-1/8"	1-31/32"	6"
211, 8211	1-1/2"	-	-
213, 8213	1-1/2"	-	-
213HWP	1-1/2"	3-1/8"	4-15/16"
218, 8218	1-1/2"	6-7/8"	4-3/8"
240, 8240	2-1/8"	7"	4-5/16"
241, 8241	2-1/8"	7"	4-5/16"
248HWP	2-1/8"	3-1/8"	4-15/16"

Detailed Drawings

Square Boxes

Ceiling Fan Support Products

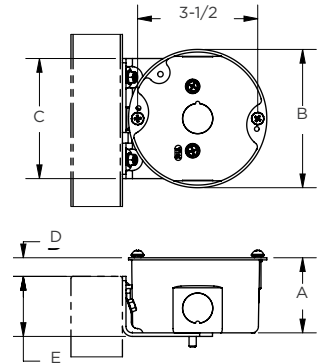
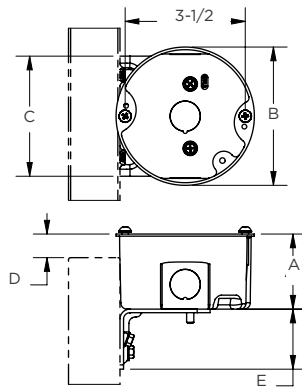
4-11/16" Square Conduit Boxes



Ceiling Fan Boxes

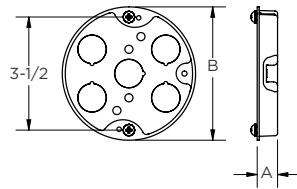
291-1, 294, 294-1 (New Work)

294, 294-1 (Old Work)

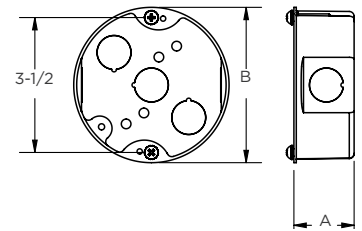


Cat. #	Dimensions		
	A (Inside)	B	C
245	1-1/2"	-	-
246	1-1/2"	-	-
247	1-1/2"	-	-
250	1-1/2"	-	-
254	2-1/8"	7-5/8"	5-1/16"
258	2-1/8"	-	-
259	2-1/8"	-	-
260	3-1/4"	-	-
262	2-1/8"	-	-
257, 8257	2-1/8"	-	-
257F	2-1/8"	-	-
257H	2-1/8"	-	-
257HS	2-1/8"	-	-
257M	2-1/8"	-	-
257SM	2-1/8"	-	-
258SM	2-1/8"	-	-
265, 8265	2-1/8"	-	-
911-12	2-1/8"	-	-
911-15	3-1/4"	-	-

295 and 295-1



296 - 299

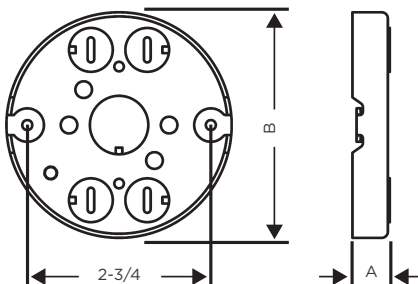


Cat. #	Dimensions				
	A (Inside)	B	C	D	E
291-1	1-1/2"	4"	3-1/2"	1/2"	1-3/4"
294, 294-1	2-1/8"	4"	3-1/2"	1/2"	1-3/4"
295, 295-1	1/2"	4"	-	-	-
296, 296-1	1-1/2"	4"	-	-	-
299	2-1/8"	4"	-	-	-

Ceiling Pans

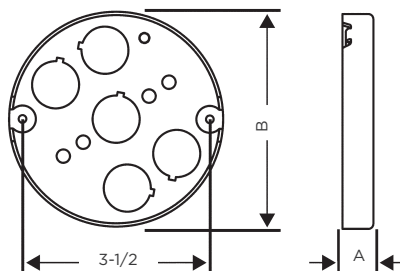
Ceiling Pans - 3-1/2"

287, 292 and 8292



Ceiling Pans - 4"

293 and 8293

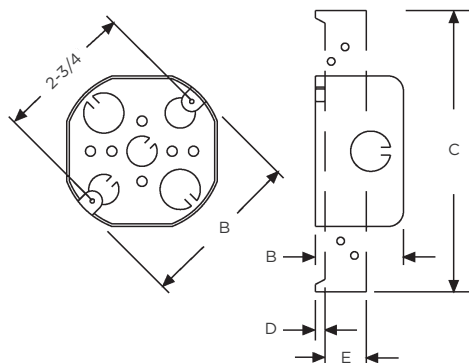


Cat. #	Dimensions	
	A (Inside)	B
287	11/16"	3-3/8"
292	1/2"	3-3/8"
8292	1/2"	3-3/8"
293	1/2"	4"
8293	1/2"	4"

Detailed Drawings

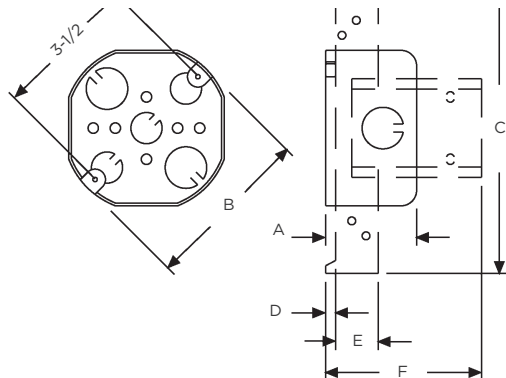
Octagon Boxes

3-1/2" Octagon Boxes



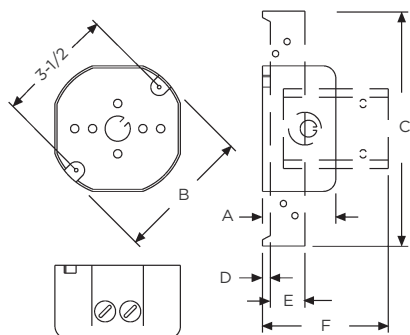
Cat. #	Dimensions				
	A (Inside)	B	C	D	E
110	1-1/2"	3-1/2"	-	-	-
111	1-1/2"	3-1/2"	-	-	-
112	1-1/2"	3-1/2"	-	-	-
119	1-1/2"	3-1/2"	7"	-	1-1/16"

4" Octagon Conduit Boxes



Cat. #	Dimensions					
	A (Inside)	B	C	D	E	F
125, 8125	1-1/2"	4"	-	-	-	-
126	1-1/2"	4"	-	-	-	-
127	1-1/2"	4"	-	-	-	-
128	1-1/2"	4"	-	-	-	-
130	1-1/2"	4"	-	-	-	-
158	1-1/2"	4"	2-3/8"	-	-	3-1/8"
165	2-1/8"	4"	-	-	-	-
166	2-1/8"	4"	-	-	-	-
161	1-1/2"	4"	7"	1/2"	1-1/16"	-
167	2-1/8"	4"	-	-	-	-
167TS	2-1/8"	4"	7"	1/2"	1-1/16"	-

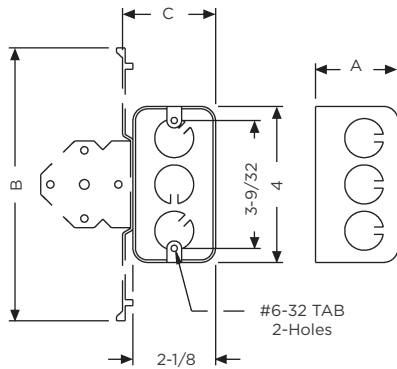
4" Octagon Cable Boxes



Cat. #	Dimensions					
	A (Inside)	B	C	D	E	F
145	1-1/2"	4"	-	-	-	-
146	1-1/2"	4"	-	-	-	-
150	1-1/2"	4"	-	-	-	-
153	1-1/2"	4"	-	-	-	-
155	1-1/2"	4"	7"	1/2"	1-1/16"	-
157	1-1/2"	4"	2-3/8"	-	-	3-1/8"
160	1-1/2"	4"	2-3/8"	-	-	3-1/8"
164	1-1/2"	4"	7"	1/2"	1-1/16"	-
175	2-1/8"	4"	-	-	-	-
176	2-1/8"	4"	2-3/8"	5/8"	-	3-3/4"
177	2-1/8"	4"	7"	1/2"	1-1/16"	-

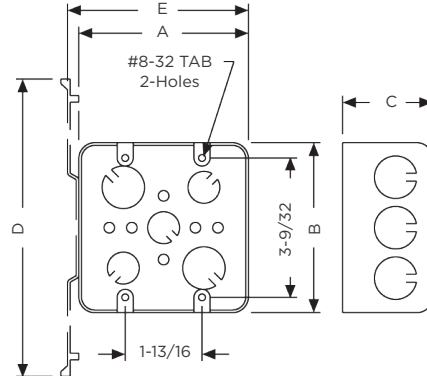
Handy Boxes and Switch Boxes

Handy Boxes



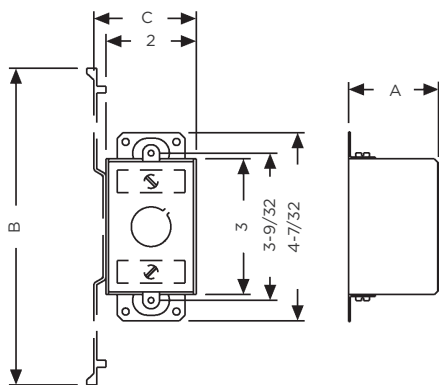
Cat. #	Dimensions		
	A (Inside)	B	C
661	1-7/8"	6-7/16"	2-7/32"
662	1-7/8"	7"	2-3/8"
670RAC	2-1/8"	-	-
8670	2-1/8"	-	-
674	2-1/8"	-	-
678	2-1/8"	7"	2-3/8"
650, 8650	1-1/2"	-	-
650CSA	1-1/2"	-	-
653	1-1/2"	-	-
660, 8660	1-7/8"	-	-
611	1-7/8"	-	-
660SM	1-7/8"	-	-
663, 8663	1-7/8"	-	-
663SM	1-7/8"	-	-
665	1-7/8"	-	-
671	2-1/8"	6-7/16"	2-7/32"

2-Gang Handy Boxes / Switch Boxes



Cat. #	Dimensions				
	A (Inside)	B	C	D	E
680	2-1/8"	4"	4"	-	-
681	2-1/8"	4"	4"	7"	4-9/32"
683	2-1/8"	4"	4"	-	-
685	2-1/8"	4"	4"	7"	4-9/32"

1-Gang and Gangable Conduit Switch Boxes

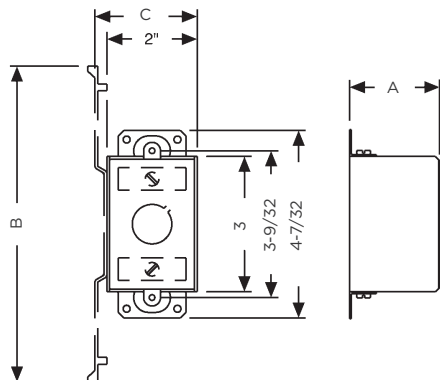


Cat. #	Dimensions		
	A (Inside)	B	C
400	1-1/2"	-	-
420	2"	-	-
501	2-1/2"	-	-
502	2-1/2"	1-31/32"	4"
503	2-1/2"	-	-
506	2-1/2"	-	-
508	2-1/2"	-	-
509	2-1/2"	-	-
560	2-3/4"	-	-
562	2-3/4"	7"	2-13/64"
565	2-3/4"	-	-
591	3-1/2"	-	-
592	3-1/2"	-	-
500, 8500	2-1/2"	-	-
504, 8504	2-1/2"	7"	2-13/64"
590, 8590	3-1/2"	-	-

Detailed Drawings

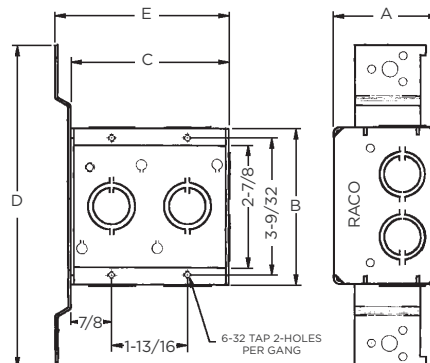
Switch Boxes

1-Gang and Gangable Cable Switch Boxes



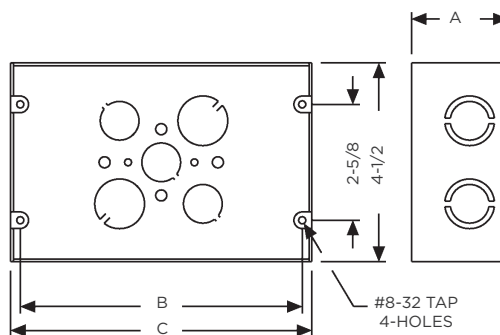
Cat. #	Dimensions		
	A (Inside)	B	C
410	1-1/2"	-	-
440	2"	-	-
445	2"	-	-
471	2-1/4"	-	-
473	2-1/4"	-	-
487	2-1/4"	-	-
512	2-1/2"	-	-
517	2-1/2"	-	-
518	2-1/2"	-	-
519	2-1/2"	-	-
522	2-1/2"	1-31/32"	5-3/64"
523	2-1/2"	-	-
526	2-1/2"	1-3/8"	3-13/32"
528	2-1/2"	-	-
529	2-1/2"	1-31/32"	5-3/64"
531	2-1/2"	7"	2-13/64"
545	2-1/2"	-	-
564	2-3/4"	7"	2-13/64"
567	2-3/4"	-	-
574	2-3/4"	7"	2-13/64"
600	3-1/2"	-	-
603	3-1/2"	1-31/32"	4"
604	3-1/2"	7"	2-13/64"
605	3-1/2"	7"	2-13/64"
524, 8524	2-1/2"	7"	2-13/64"
570RAC	2-3/4"	-	-
601, 8601	3-1/2"	-	-

Multi-Device Switch Boxes



Cat. #	Dimensions				
	A (Inside)	B	C	D	E
686	2-1/2"	3-3/4"	5-9/16"	7-5/8"	5-31/32"
687	2-1/2"	3-3/4"	7-3/8"	7-5/8"	7-25/32"

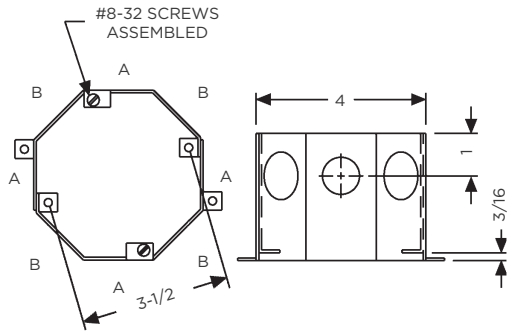
Multi-Gang Boxes



Cat. #	Dimensions		
	A (Inside)	B	C
941	2-1/2"	6-3/8"	6-13/16"
942	2-1/2"	8-3/16"	8-5/8"
943	2-1/2"	10"	10-7/16"
944	2-1/2"	11-13/16"	12-1/4"
945	2-1/2"	13-5/8"	14-1/16"
951	1-5/8"	6-3/8"	6-13/16"
952	1-5/8"	8-3/16"	8-5/8"
953	1-5/8"	10"	10-7/16"
954	1-5/8"	11-13/16"	12-1/4"
955	1-5/8"	13-5/8"	14-1/16"
956	1-5/8"	15-7/16"	15-7/8"
957	1-5/8"	17-1/4"	17-11/16"
958	1-5/8"	19-1/16"	19-1/2"

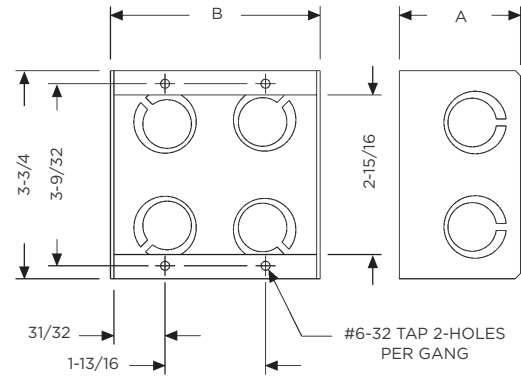
Concrete Rings and Masonry Boxes

Steel Concrete Rings



Knockout Size	Dimensions	
	A	B
1/2" & 3/4"	1/2"	3/4"
3/4" & 1"	3/4"	1"

Steel Masonry Boxes



Cat. #	Dimensions	
	A (Inside)	B
688	2-1/2"	1-15/16"
690	2-1/2"	1-31/32"
691	2-1/2"	3-25/32"
692	2-1/2"	5-19/32"
693	2-1/2"	7-13/32"
694	2-1/2"	9-7/32"
960	2-1/2"	11-1/32"
689	3-1/2"	5-19/32"
695	3-1/2"	1-31/32"
8695	3-1/2"	1-31/32"
696	3-1/2"	3-25/32"
697	3-1/2"	5-19/32"
698	3-1/2"	7-13/32"
699	3-1/2"	9-7/32"
965	3-1/2"	11-1/32"

Non-Metallic Boxes, Covers, and Accessories

Standards, 2023 National Electrical Code®

Most Often Requested Sections of the 2020 National Electric Code®	How RACO® Products Help Complete the Installation
<p>314.27 (A) Boxes at Lighting Fixture Outlets. Outlet boxes or fittings designed for the support of lighting fixtures, and installed as required by 314.23, shall be permitted to support a light fixture.</p>	<p>Our octagon boxes are designed for direct mounting of light fixtures of 6 lbs or less. Device boxes are designed for the mounting, (by #6-32 screws), of devices such as snap-switches and receptacles. They are not suitable for support other than for very lightweight devices, such as a smoke alarm unit. (See Article 314.27 (A) (1) or wall fixtures 6 lbs. or less [See 314.27 (A) (1) [Exception]].</p>
<p>410.20 Space for Conductors. Canopies and outlet boxes taken together shall provide adequate space so that fixture conductors and their connecting devices can be properly installed.</p>	<p>When calculating the minimum cubic inch requirements for an outlet box, the canopy may be included in the calculation. However, the canopy of the fixture/fan needs to be marked with the cubic inch capacity. The volume of an unmarked canopy may be used at the discretion of the local authority having jurisdiction.</p>
<p>314.27 (B) Floor Boxes. Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them free from physical damage, moisture and dirt.</p>	<p>Only boxes that are UL Listed for the application may be fastened into the floor. RACO® floor boxes are in Section C in this catalog.</p>
<p>314.27 (C) Boxes at Fan Outlets. Boxes that support ceiling fans must be listed for that purpose.</p>	<p>At any ceiling outlet that is intended to have a ceiling (paddle) fan installed, a UL Listed outlet box rated for ceiling fan support must be used. RACO offers a complete line of products designed for various applications and mounting needs.</p>
<p>410.36 (A) Means of Support — Outlet Boxes. Where the outlet box or fitting will provide adequate support, a fixture shall be attached thereto or be supported as required by Section 314.27(A) (1) for boxes.</p>	<p>All outlet boxes that are intended to be used with fixtures are tested in accordance with UL 514A for steel boxes, UL 514C for plastic boxes. The test does provide an ample margin for safety.</p>
<p>406.12, 406.3B, 406.4 Tamper-Resistant Receptacles in dwelling units.</p>	<p>This prevents shocks to small children that like to insert keys, paper clips, etc. into the receptacle slots.</p>



1-Gang

Non-Metallic Cable Boxes



7302RAC, 7820RAC



7873RAC

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Product Features

- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install

- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists
- Oversized nail support that resists hammer impact and prevents box deformation

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Compliance

- LISTED
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488

1-Gang with Captive Nails – For Non-Metallic Sheathed Cable

Catalog #	Description	Cable Knockouts	Std. Pkg.	Bar Code
7302RAC	2-3/4" Deep, 18.0 Cu. In. (294.9 cm ³), Nails, 1/2" Setback	4	100	
7820RAC	3-3/16" Deep, 20.3 Cu. In. (332.6 cm ³), Nails, 1/2" Setback	4	100	
7873RAC	3-1/2" Deep, 23.0 Cu. In. (376.8 cm ³), Nails, 1/2" Setback	4	100	

Applications

- Quickly repair stripped or damaged plastic electrical boxes—no need to replace the entire box. This strong metal clip holds outlets and switches tight.



NEW

8988RAC

Product Features

- Eliminates the need to replace the box
- Fits flush to the box using patented design
- Works on almost any plastic box type or thickness
- Slides easily to align screw holes
- Saves time and money for property managers and DIYers

1-Gang with Captive Nails – For Non-Metallic Sheathed Cable

Catalog #	Description	Std. Pkg.	Bar Code
8988RAC*	Plastic box repair clip, 10 bags of 10 clips and screws	100	

Notes: *Not UL Listed.

See end of section (Pg A104) for detailed drawings »



Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices

Product Features

- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Positioning tabs for fast accurate mounting on studs or joists
- Oversized nail support that resists hammer impact and prevents box deformation



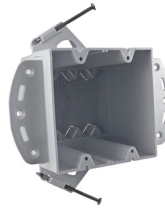
7835RAC



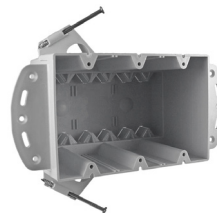
7645RAC



7846RAC



7848RAC



7874RAC

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Compliance

- LISTED
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating (except 7645RAC), (building codes) UL Orange Book

2-Gang with Captive Nails for Wood Studs – For Non-Metallic Sheathed Cable

Catalog #	Description	Cable Clamps	Cu. In. Cap.	Std. Pkg.	Bar Code
7835RAC	2-29/32" Deep, Nails	8	32.5 (532.5 CM ³)	15	

Multi-gang with Captive Nails for Wood Studs – For Non-Metallic Sheathed Cable

Catalog #	Description	Cable Clamps	Cu. In. Cap.	Std. Pkg.	Bar Code
7645RAC	2-5/8" Deep, 4-Gang, Nails, 1/2" Setback, Bracket Support	12	55.0 (901.2 CM ³)	25	
7846RAC	2-3/4" Deep, 3-Gang, Nails, 1/2" Setback	12	44.0 (720.9 CM ³)	8	

Multi-gang, Large Capacity, with Captive Nails – For Wood Stud or Face Mount to Wood or Metal Stud - Non-Metallic Sheathed Cable

Catalog #	Description	Cable Clamps	Cu. In. Cap.	Std. Pkg.	Bar Code
7848RAC	3-7/8" Deep, 2-Gang, Nails, 1/2" Setback, Bracket	8	48.0 (786.5 CM ³)	50	
7847RAC	3-7/8" Deep, 3-Gang, Nails, 1/2" Setback, Bracket	12	74.0	50	

See end of section (Pg A104) for detailed drawings »



1-Gang

Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices


Product Features

- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Single-gang boxes have knockouts that break out quickly and cleanly for faster installation
- Positioning tabs for fast accurate mounting on studs or joists

Standard Material

- Made of heavy-duty PVC (Polyvinyl chloride) compound

Compliance

-  LISTED
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7308RAC



7318RAC



7717RAC

1-Gang with Brackets for Metal or Wood Studs – For Non-Metallic Sheathed Cable

Catalog #	Description	Cable Knockouts	Std. Pkg.	Bar Code
7308RAC	1-1/4" Deep, 8.0 Cu. In. (131.0 cm ³), 3/8" Setback, Bracket	2	25	
7318RAC	1-1/4" Deep, 8.0 Cu. In. (131.0 cm ³), Flanged, 3/8" Setback	2	25	
7717RAC	2-27/32" Deep, 20.0 Cu. In. (327.7 cm ³), Face Mount, 1/2" Setback	4	100	

See end of section (Pg A104) for detailed drawings »



Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Provide excellent protection for wiring system or devices


Product Features

- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Extra long, metal swing arms ensure secure installation
- RACO® 7122RAC and 7922RAC feature wrap-around metal clamp to secure box to sheetrock

Standard Material

- Made of heavy-duty PVC (Polyvinyl chlor-ide) compound. 7122RAC and 7922RAC are polycarbonate

Compliance

-  LISTED
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book



7887RAC



7488RAC



7122RAC



7922RAC



7232RAC



978



980
BOX-LOC®

Old Work Cable Boxes – For Non-Metallic Sheathed Cable

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Bar Code
7887RAC	1-Gang, 2-29/32" Deep, 14.0 Cu. In. (229.4 cm ³), Flush Mount	4	50	
7488RAC	2-Gang, 2-3/4" Deep, 25.0 Cu. In. (409.6 cm ³), Flush Mount	6	30	
7122RAC	3-1/2" Round, 2-13/16" Deep, 18.0 Cu. In. (294.9 cm ³), Flush Mount, Recommended Max. Support Loads - 6 Fixture Lbs. (Static)	4	100	
7922RAC	3-1/2" Round, 2-13/16" Deep, 18.0 Cu. In. (294.9 cm ³), Flush Mount, Ground Plate	4	100	

4" Square Boxes – For Non-Metallic Sheathed Cable

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Bar Code
7232RAC	2-5/8" Deep, 32.0 Cu. In. (524.3 cm ³), Nails	10	8	

Accessories

Cat. #	Description	Std. Pkg.	Bar Code
978	Far-side Box Support	50	—
980	BOX-LOC Metal Stud Clip	50	

See end of section (Pg A104) for detailed drawings »



Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system or devices
- For use wherever lighting fixture canopies are to be installed
- Ceiling boxes on this page are not designed for ceiling fan support


Product Features

- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Round fixture boxes offer an optional front-mounted grounding screw
- Oversized nail support that resists hammer impact and prevents box deformation

Standard Material

- Made of heavy-duty engineered compound. Base material is polycarbonate

Compliance

-  LISTED
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book



7119RAC



7919RAC



7823RAC



7824RAC

Round Ceiling Boxes

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
3-1/2" – With Captive Nails, For Non-Metallic Sheathed Cable						
7119RAC	2-5/8" Deep, 18.0 Cu. In. (294.9 cm ³), 1/2" Setback, Nails	4	75	—	50	
7919RAC	2-5/8" Deep, 18.0 Cu. In. (294.9 cm ³), 1/2" Setback, Nails, Ground Plate	6	75	—	50	
4" – With Captive Nails, For Non-Metallic Sheathed Cable						
7823RAC	2-3/8" Deep, 20.0 Cu. In. (327.7 cm ³), Ground Plate, 3/8" Setback, Nails	4	75	—	50	
7824RAC	2-3/8" Deep, 20.0 Cu. In. (327.7 cm ³), 3/8" Setback, Nails	4	75	—	50	

See end of section (Pg A105) for detailed drawings »



Non-Metallic Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system or devices
- RACO® 7907, 7307, 7825, 7826RAC are not designed for ceiling fan support

Product Features

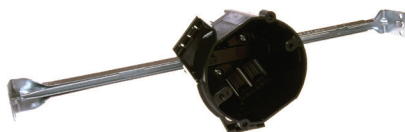
- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- Round fixture boxes offer an optional front-mounted grounding screw
- For use wherever fans (Cat. #7120, 7120-1, 7120-VB only) or lighting fixture canopies are to be installed

Standard Material

- Made of heavy-duty engineered compound. Base material is polycarbonate

Compliance

- LISTED
- All versions of RACO 7120 are UL approved for Non-Metallic wiring systems
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hour Fire Rating, (building codes) UL Orange Book



7307



7907



7307



7907



7120VB
SADDLE-BOX®



7120
SADDLE-BOX®



7120-1
SADDLE-BOX®

Round Ceiling Set-up

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
3-1/2" – For Spanning from Joist to Joist for Non-Metallic Sheathed Cable						
7307*	2-5/8" Deep, 18.0 Cu. In. (294.9 cm ³), 1/2" Setback, Nails	4	25	–	10 ^①	
7907*	2-5/8" Deep, 18.0 Cu. In. (294.9 cm ³), 1/2" Setback, Adj. 14-3/4" - 22-1/2", w/Ground Plate	4	25	–	10 ^①	
4" – For Spanning from Joist to Joist for Non-Metallic Sheathed Cable						
7826RAC	2-3/8" Deep, 20.0 Cu. In. (327.7 cm ³), Adj. 14-3/4" - 22-1/2"	6	25	–	10 ^①	
7825	2-3/8" Deep, 20.0 Cu. In. (327.7 cm ³), Adj. 14-3/4" - 22-1/2", w/Ground Plate	6	25	–	10 ^①	

① 10 Lbs. max. load recommended UL Rated for 50 Lbs. on 16" centers.

Saddle-Box® 4" Round Ceiling Fan & Fixture Box – For Non-Metallic Sheathed Cable or Conduit

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
7120VB	12.5 Cu. In. (204.8 cm ³)	4	24	70	210	
7120*	12.5 Cu. In. (204.8 cm ³)	4	20*	70	210	
7120-1	12.5 Cu. In. (204.8 cm ³)	4	24	70	210	

Notes: * Packaged in a stackable, individual chipboard display cartons.

See end of section (Pg A105) for detailed drawings »



Non-Metallic Shallow Cable Boxes

Applications

- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Provide excellent protection for wiring system or devices
- Accommodate wiring devices such as switches and receptacles
- Great for use in trailer applications



7322-OW

Product Features

- RACO® Non-Metallic cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- Self-clamping wire entry clamps
- All outlet boxes have a front-mounted grounding screw with combination straight/Robertson head
- Positioning tabs provide fast, accurate mounting on studs or joists
- Grounding screw provided

1-Gang Shallow Trailer Box – For Non-Metallic Sheathed Cable

Cat. #	Description	Std. Pkg.	Bar Code
7322-OW	1-3/4" Deep, 16.0 Cu. In. (262.1 cm ³), Old work wings	50	

Standard Material

- Made of high strength Noryl®
- Noryl® is a registered trademark of General Electric Corporation

Compliance

-  US LISTED
- Federal Manufacturer's number 28488



Non-Metallic Cable Boxes

Applications

- Vapor barrier boxes prevent unwanted penetration of exterior air and help maintain the existing interior environment from elements outside of the structure
- RACO® Non-Metallic vapor barrier cable boxes provide the installer with a cost alternative that is lightweight and easy to install
- RACO® Non-Metallic cable boxes are used in branch circuit wiring to splice wires
- Accommodate wiring devices such as switches and receptacles
- Serve as fixture support
- Provide excellent protection for wiring system or devices

Product Features

- Self-clamping wire entry clamps
- 7120VB boxes have a front-mounted grounding screw with combination straight/Robertson head
- Vapor/air barrier flange and integral wire entry seal provides superior energy savings and quick installation
- Hands free installation
- For 1/2", 5/8", or 3/4" drywall
- Unique saddle design straddles standard joists - 7120VB
- 7120VB prevents unwanted penetration of exterior air and helps maintain the existing interior environment from the elements outside the structure
- Fits any 1-1/2" wide joist

Standard Material

- Made of high strength Noryl®
- Noryl® is a registered trademark of General Electric Corporation

Compliance

- US LISTED



Vapor Barrier Cable Boxes

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Bar Code
2011FBAR	1 Gang, 2-3/4" Deep, 18.0 Cu. In. (294.9 cm ³), 1/2" Setback	4	50	
2022FBAR	2 Gang, 2-3/4" Deep, 35.2 Cu. In. (576.8 cm ³), 1/2" Setback	8	50	
2023FBAR	3 Gang, 2-3/4" Deep, 52.6 Cu. In. (862 cm ³), 1/2" Setback	12	25	
82024FBAR	4 Gang, 2-3/4" Deep, 68.0 Cu. In., 1/2" Setback	12	12	

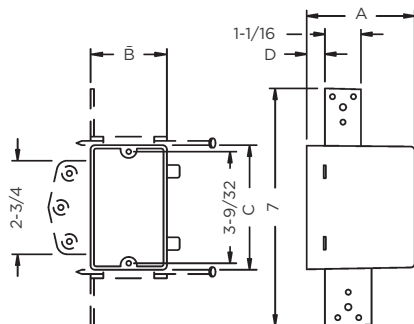
4" Round Vapor Barrier Cable Box - For Ceiling

Cat. #	Description & Setback	Cable Clamps	Std. Pkg.	Recommended Max. Support Loads		Bar Code
				Ceiling Fan (Dynamic)	Fixture Lbs (Static)	
2028FBAR	2-5/8" Deep, 28.1 Cu. In. (460.5 cm ³), 1/2" Setback	4	40	—	50	
7120VB*	2-5/8" Deep, 12.5 Cu. In. (204.8 cm ³), 1/2" Setback	4	24	70	210	
87121VB	4" Round Ceiling Fan and Fixture Vapor Barrier Box	4	6	70	90	

Notes: *Not UL Listed.

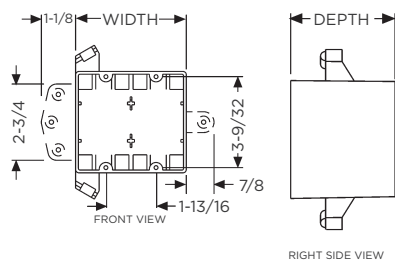
Detailed Drawings

Non-Metallic Cable Boxes



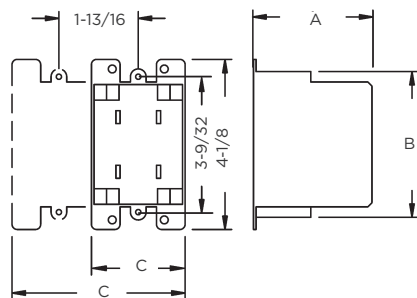
Non-Metallic Outlet Boxes

Catalog Number	A	B	C	D
7302RAC	2-3/4"	2-1/4"	3-19/32"	1/2"
7820RAC	3-3/16"	2-1/4"	3-19/32"	1/2"
7873RAC	3-1/2"	2-1/4"	3-19/32"	1/2"
7308RAC	1-1/4"	2-3/8"	3-1/2"	3/8"
7318RAC	1-1/4"	2-3/8"	3-1/2"	-
7717RAC	2-27/32"	2-1/4"	3-19/32"	1/2"
7848RAC	2-27/32"	2-1/4"	3-19/32"	5/8"
7874RAC	3-3/16"	2-1/4"	3-19/32"	5/8"



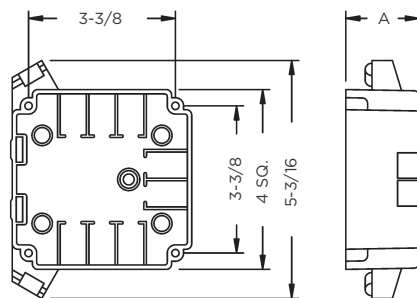
Multi-Gang Outlet Boxes

Catalog Number	Gang	Width	Depth
7835RAC	2	4"	2-29/32"
7645RAC	4	7-5/8"	2-5/8"
7846RAC	3	5-7/8"	2-3/4"
7848RAC	2	4"	3-31/32"
7874RAC	3	8-7/16"	3-31/32"



Old Work Non-Metallic Outlet Boxes

Catalog Number	Gang	A	B	C
7887RAC	1	2-29/32"	3-1/8"	2-1/4"
7488RAC	2	2-3/4"	4"	3"

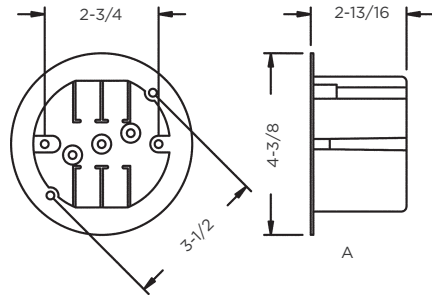


4" Square With Captive Nails for Metal or Wood Studs

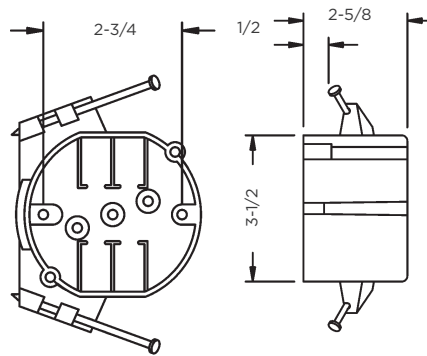
Catalog Number	A (Depth)
7220RAC	1-5/8"
7232RAC	2-5/8"

Non-Metallic Cable Boxes

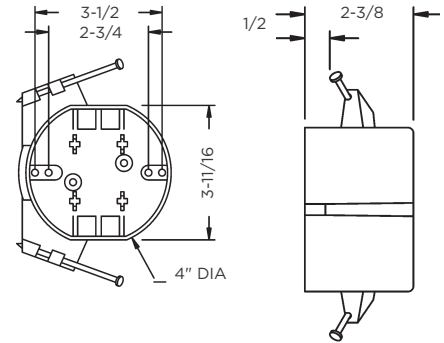
Catalog No's 7122RAC, 7922RAC



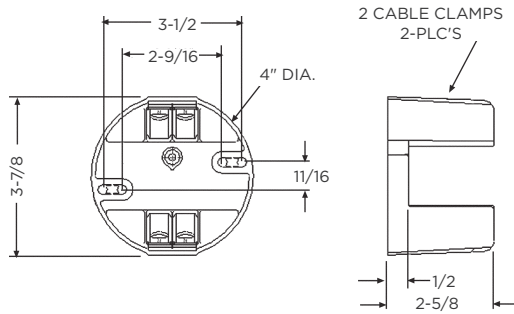
Catalog No's 7119RAC, 7919RAC



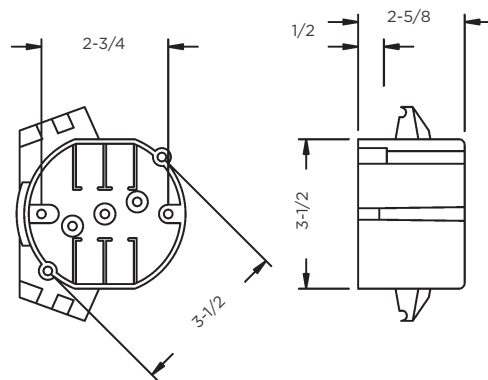
Catalog No's 7823RAC, 7824RAC



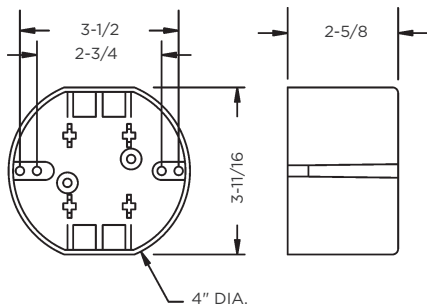
Catalog No's 7120, 7120-1, 7120VB



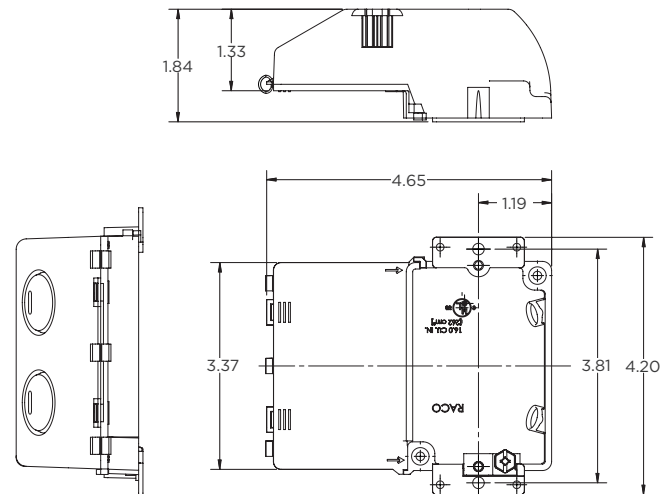
Catalog No's 7307, 7907



Catalog No's 7825, 7826RAC



Catalog No's 7322, 7322-OW



Floor Boxes

General Information

RACO® floor boxes are ideally suited for heavy floor traffic applications, such as shopping malls, retail stores, banks and schools. Floor boxes are installed in poured concrete floors and are fed with conduit. RACO's complete line includes both single service and three-service (power and voice/data) floor boxes, which are available in cast iron, stamped steel and PVC plastic. Floor box covers and carpet flanges are offered in brushed brass and textured thermoplastic in two designer colors, ivory and gray. RACO floor boxes:

- Are used in branch circuit wiring
- Accommodate wiring devices such as receptacles for voice/data
- Provide excellent protection for wiring system or devices
- Must be closed with a cover
- Permit access to conductors for maintenance

Non-Adjustable Style Features

This type of box has no means for adjustment. It is usually installed in wooden floors or used for retrofitting in concrete:

RACO quality non-adjustable floor boxes feature:

- Rugged cast iron for strength and ground continuity
- Factory-installed ground wire
- Simple one-piece floor box design offers flexibility for power outlet or voice/data outlets
- Conveniently positioned conduit entries are tapped and plugged

Fully-Adjustable Floor Box Features

This type of box has leveling screws for height and leveling adjustments to be made before the concrete is poured, and final leveling adjustments after the concrete is poured. The maximum leveling adjustment is a 7° tilt.

Fully adjustable floor boxes feature:

- Concrete-tight floor boxes for use in power or voice/data
- Cast Iron boxes classified as watertight and concrete-tight, typically used below grade where excessive moisture is present.
- Choice of materials - stamped steel or cast iron
- Cast iron floor box including factory installed ground wire, and multiple gang boxes with one ground wire per gang
- Multiple gang boxes provided with low voltage partitions
- Ample wiring space for any combination of power outlet or voice/data outlets

Standard Materials

- Non-Metallic floor box is made of heavy-duty PVC (Polyvinyl chloride) compound. Base material is recycled
- Steel floor boxes are made of .0625 inch thick steel
- Cast iron floor boxes are made from cast iron having a high tensile strength
- Solid brass covers and carpet flanges
- Non-Metallic floor box covers and carpet flanges are made of high strength thermoplastic (ABS)

Standard Finishes

- Natural gray finish on non-metallic floor box
- Non-Metallic floor box covers and carpet flanges are available in gray powder coat paint finish
- Steel boxes have a zinc coating
- Cast iron floor boxes have a gray powder coat paint finish
- Solid brass covers and carpet flanges have a brushed finish

Compliances

Floor boxes are subject to the same code requirements and minimum conductor fill requirements as other boxes. RACO floor boxes carry the following compliances:

- UL Standard 514-A
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Federal Manufacturer's number 28488

Reference Data

- Minimum wiring capacity calculation can be found on pages A8 of this catalog

Floor Box Installation

Installing a fully adjustable floor box in a poured concrete floor: RACO provides with all box assemblies or flanges a metallic concrete cover. The concrete cover permits pouring concrete to the top of the box. The cover is then easily removed after the pour. To install the box:

- Locate box and install conduit in accordance with local codes
- Secure box to reinforcing bar (mesh)
- Make pre-pour height and leveling adjustments
- Grease inside of cement cover and install on box
- Grease outside of cement cover
- Apply bead of grease on exposed portion of adjusting collar
- Tape cement cover to box
- Pour concrete
- After the concrete has set, remove the concrete cover
- Pull wires and install wiring device
- Make final pour adjustments, and grout around the box if required
- Install cover plates and/or accessories

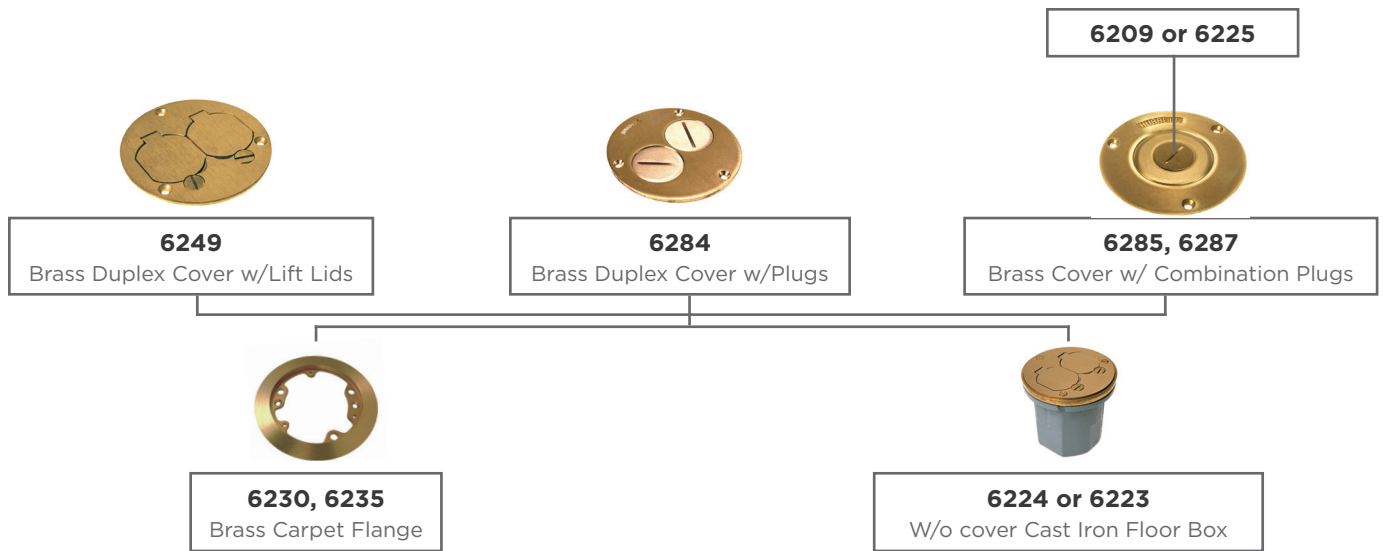
General Information

Standards, 2023 National Electrical Codes®

Summary of the Most Often Requested Sections of the 2020 National Electrical Code®	How RACO® Products Help Complete the Installation
<p>210.52 (a) Dwelling Unit Receptacle Outlets - General Provisions. In every kitchen, family room, dining room, living room, parlor, library, den, sun room, bedroom, recreation room, or similar room or area of dwelling units, receptacle outlets shall be installed so that no point along the floor line in any wall space is more than 6 feet, measured horizontally, from an outlet in that space, including any wall space 2 feet or more in width and the wall space occupied by fixed panels in exterior walls, but excluding sliding panels in exterior walls. The space afforded by fixed room dividers, such as freestanding bar-type counters or railings, shall be included in the 6-foot measurement.</p>	<p>The purpose of this Article is to eliminate extension cords that are used within the dwelling. Electrically overloaded extension cords are often a source of fires. Installation of a RACO floor box may help alleviate the need for extension cords by locating receptacles where no wall outlets are installed. Receptacle outlets in floors can be counted as part of the required number of receptacles if they are within 18 inches of the wall.</p>
<p>250.146 Connecting Receptacle Grounding Terminal to Box. An equipment bonding jumper shall be used to connect the grounding terminal of a grounding-type receptacle to a grounded box. Exception (c): Floor boxes designed for and listed as providing satisfactory ground continuity between the box and the device.</p>	<p>All RACO floor boxes are designed and listed for having ground continuity without an equipment bonding jumper. RACO does provide on all of its cast floor boxes a factory-installed ground wire.</p>
<p>314.27(B) Outlet Boxes —Floor Boxes. Boxes listed specifically for this application shall be used for receptacles located in the floor. Exception: Boxes located in elevated floors of show windows and similar locations where the authority having jurisdiction judges them to be free from physical damage, moisture, and dirt.</p>	<p>Only boxes that are UL Listed for the application may be fastened into the floor.</p>
<p>800.133 (A) (3) Installation of Communications Wires, Cables, and Equipment — Electric Light or Power Circuits. Communications conductors shall not be placed in any raceway, compartment, outlet box, junction box, or similar fitting with conductors of electric light or power circuits or Class 1 circuits.</p>	<p>This section applies when power and voice/data are brought to one enclosure. A means of dividing the wiring is required. Voltage dividers are available for the following floor box types: PVC floor box and rectangular fully adjustable.</p>

Quick Selection Guide

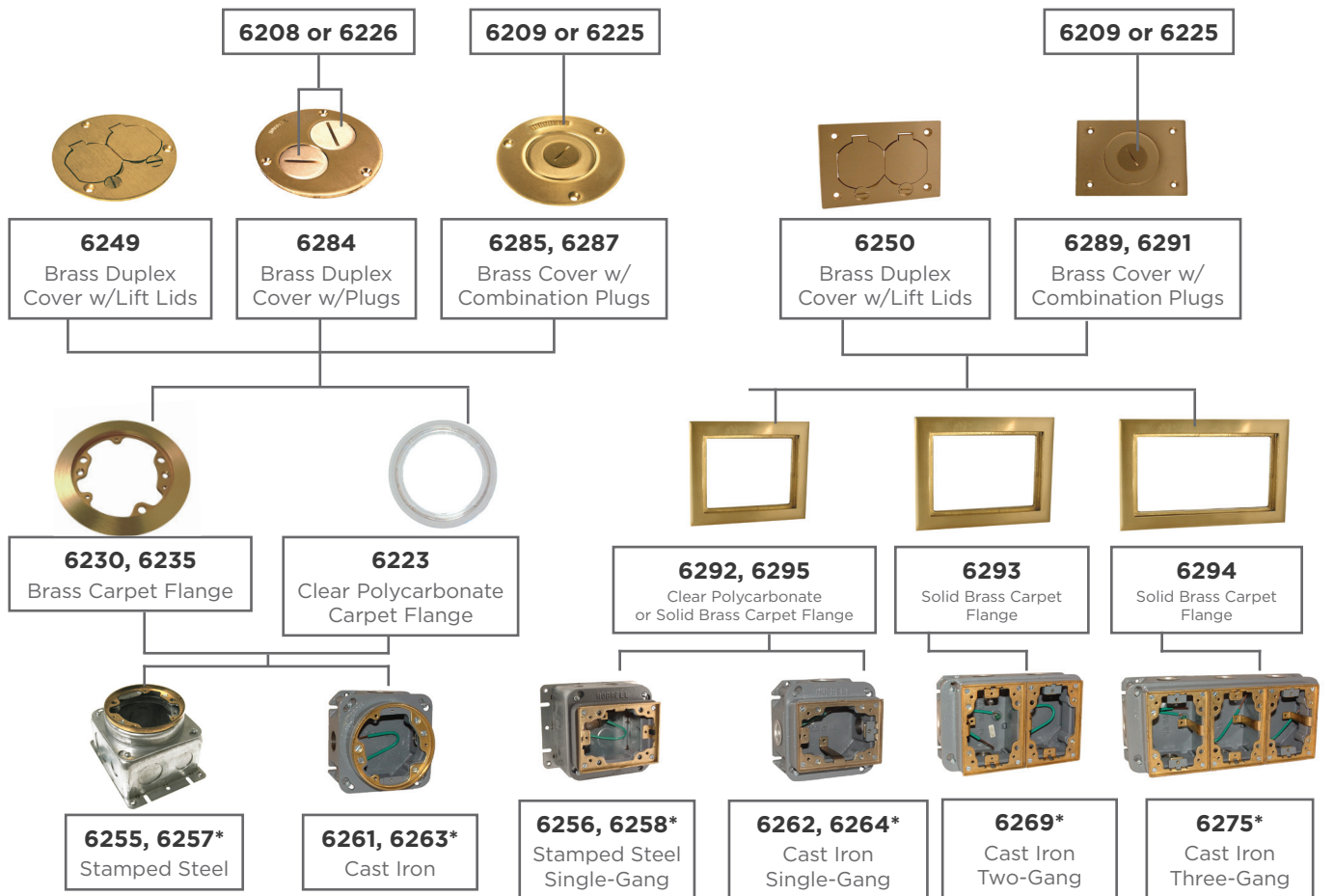
Nonadjustable Floor Box System



Fully Adjustable Floor Box System

Round Floor Box

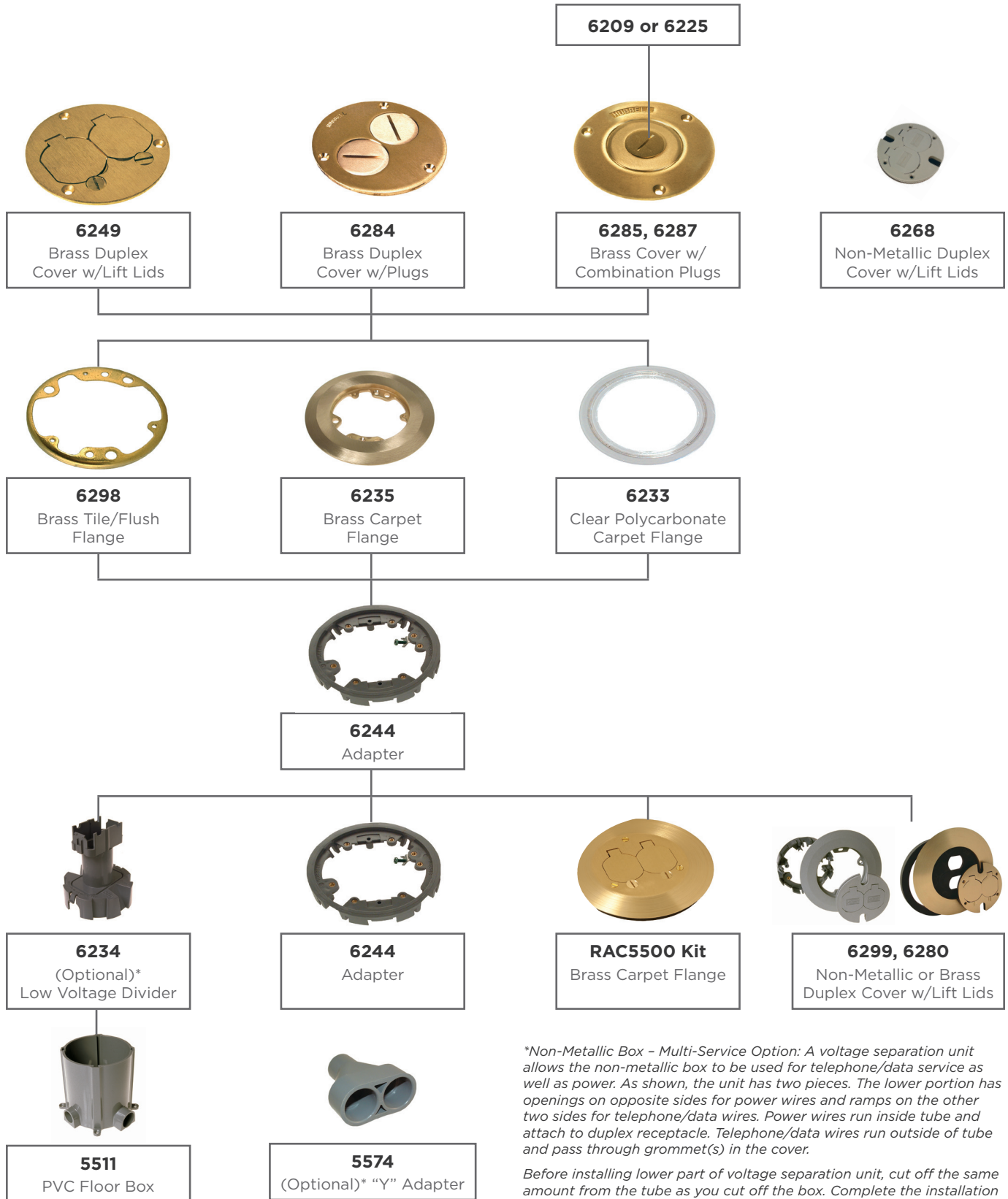
Rectangular Floor Box



* Included brass tile ring must be removed and discarded before installation of brass carpet flanges. Polycarbonate flanges are installed between box and included brass ring.

Quick Selection Guide

PVC Floor Box System



**Non-Metallic Box - Multi-Service Option: A voltage separation unit allows the non-metallic box to be used for telephone/data service as well as power. As shown, the unit has two pieces. The lower portion has openings on opposite sides for power wires and ramps on the other two sides for telephone/data wires. Power wires run inside tube and attach to duplex receptacle. Telephone/data wires run outside of tube and pass through grommet(s) in the cover.*

Before installing lower part of voltage separation unit, cut off the same amount from the tube as you cut off the box. Complete the installation of the carpet flange, duplex receptacle and cover.

For Concrete Pour - Non-Metallic

Applications

- Used in branch circuit wiring
- Accommodate wiring devices for various receptacles
- Permit access to conductors for maintenance

General Features

- RACO® Non-Metallic floor box has been engineered from the inside out with features that reduce installation time and offer increased capabilities from one box in power, voice and data
- Hubbell® Non-Metallic floor boxes are economical to install and easy to level off
- A wide choice of cover materials and finishes are available
- 3" minimum pour depth

Low Voltage Divider Features

- Installs inside 5511 floor box for multi-service applications. Use separate conduit runs for power and voice/data cables
- Accepts Hubbell® standard duplex receptacles or 15A Twist-Lok® duplex receptacles (HBL 4700 series)
- Power capacity - 19.6 cubic inches plus 2.40 cubic inches per inch of tube

Compliance

-  US LISTED



5511



6234



6244

Round Floor Box Cover and Accessories – Non-Metallic

Cat. #	Description	Std. Pkg.	Bar Code
5511	19.5 Cu. In. Capacity per Inch of Height, 2 - 1" and 3/4" Openings	1	—
6234	Voltage Separation Unit, Optional	4	—
6244	Adapter Ring for all Non-Metallic and Brass Flanges	10	—

Floor Box Kits, Covers and Flanges

Non-Metallic / Round



6299



6268

Applications

- RACO® Non-Metallic floor box covers and flanges provide a quick, simple method of completing floor box installation on carpeted floor

Product Features

- RACO® Non-Metallic carpet flanges and covers are available in gray or in ivory finish
- Covers are outfitted with duplex flaps that automatically close when not in use, preventing breakage and eliminating a potential trip hazard
- Cover design keeps debris out when receptacles are not in use
- Hubbell® RACO® carpet flanges and covers install quickly and easily with provided screws
- 3-service floor box cover with duplex flap, two 1/2" diameter low-voltage knockouts. Each low-voltage knockout can accommodate up to (1) 25 pair telephone cable or (1) 50 wire data communication cable NOTE: Brass cover is not 3-service

Compliance

-  UL US LISTED

Floor Box Cover Assembly Kits – Non-Metallic

Cat. #	Description	Carpet Flange O.S.Dia.	Std. Pkg.	Bar Code
6299	Adapter, Non-Metallic Gray Carpet Flange, Gray Duplex Cover - Kit	6-1/2"	10	

Replacement Covers and Carpet Flanges – Non-Metallic

Cat. #	Description	Carpet Flange O.S.Dia.	Std. Pkg.	Bar Code
6268	Gray Non-Metallic Duplex Cover with Lift Lids	—	10	—

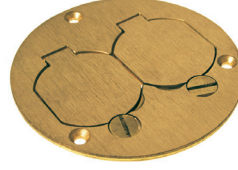
Floor Box Covers and Flanges



RAC5500KIT



6280



6249



6284



6285, 6287



6230



6298

Applications

- Floor box flanges and covers are used to complete floor box installations on either carpet or tile

Product Features

- Brass floor box covers are designed to be used with round RACO® carpet and tile flanges and RACO round full adjustable stamped steel and cast iron floor boxes
- Flanges are designed to be installed to RACO adapter ring, catalog number 6244
- 6230 is not designed to work with RACO 5511 non-metallic floor box
- Hubbell® RACO® carpet flanges, tile flanges and covers install quickly and easily with provided screws
- Order of installation:
 - Install RACO floor box
 - Install non-metallic adapter ring (if round 5511 non-metallic box is used)
 - Install device to box or 6244 adapter
 - Install carpet or tile flange
 - Install cover to carpet or tile flange

Compliance



Round, Solid Brass Floor Box Cover Kit

Cat. #	Description	Carpet Flange O.S. Diameter	Std. Pkg.	Bar Code
RAC5500KIT	Round, Brass Cover Kit	6-1/4"	10	
6280	Brass Carpet Flange, Adapter and Duplex Cover Kit	6-1/2"	10	

3-7/8" Dia., Round Covers – Brass

Cat. #	Description	Std. Pkg.	Bar Code
6249	Brass Duplex Cover with Lift Lids	40	
6284	Brass Duplex Cover with 2, 1-1/2" Threaded Plugs	40	
6285	Brass Cover with 2-1/8" x 1" Combination Plugs	40	
6287	Brass Cover with 2-1/8" x 3/4" Combination Plugs	40	

Carpet Flanges

Cat. #	Description	Carpet Flange O.S. Diameter	Std. Pkg.	Bar Code
6230	Brass Carpet Flange, Mop-tight	5-1/4"	10	

Tile Flange

Cat. #	Description	Tile Flange O.S. Diameter	Std. Pkg.	Bar Code
6298	Brass Tile/Flush Application Flange	4-3/16"	15	

For Wood Sub Floors

Floor Boxes for Wood Floors

Applications

- RACO® wood floor boxes provide flush service for power or voice/data
- Non-adjustable floor boxes may be used in wood or concrete floors and are suitable for carpet, tile or wood floor applications

Product Features

- Boxes are non-adjustable
- Cast iron, water-tight
- Gray powder coat paint inside and out for additional corrosion resistance
- 1/2" and 3/4" threaded conduit openings are standard; all bottom openings are accessible
- If floor covering is used, discard included brass flush ring and replace with RACO® 6230 or 6235 brass carpet flange
- RACO® 6224 includes box, 6249 brass duplex cover with lift lids, and brass tile flange. Receptacle is not included
- RACO® 6223 - for use with any RACO 3-7/8" diameter brass cover (6249, 6284, 6285, 6287). Cover must be ordered separately, brass tile flange included



6224



6223

Duplex Receptacle Assembly

Cat. #	Threaded / Hubs		Cubic Inches 18.5 (303.1 CM ³)	Std. Pkg. 4	Bar Code
	Side	Bottom			
6224	—	2-1/2"			

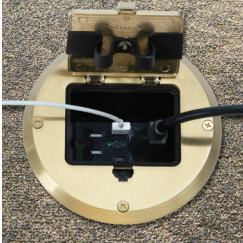
Floor Box

Cat. #	Threaded / Hubs		Cubic Inches 18.5 (303.1 CM ³)	Std. Pkg. 4	Bar Code
	Side	Bottom			
6223	—	2-1/2"			

Compliance



Floor Box Assemblies with USB Ports



NEW!



6239ACBP



6239ACNI



6239ACBK

Applications

- Place power and charging on wood floor for lighting, entertainment and mobile devices

Product Features: 6239CBP, 6239CNI and 6239CBK

- High power USB ports: one Type A and one Type C
- 15A, 125V tamper resistant receptacle
- Removable neoprene gaskets allow for independent use of either side of the receptacle with cover closed
- Recessed receptacle minimizes plug protrusion

Round, Recessed Floor Boxes - Brass, Nickel or Black Finish

Cat. #	Description	Cubic Inches	Std. Pkg.	Bar Code
6239ACBP	Round, Brass Finish	28.0 (458.9 cm ³)	1	050169993545
6239ACNI	Round, Nickel Finish	28.0 (458.9 cm ³)	1	050169993231
6239ACBK	Round, Black Finish	28.0 (458.9 cm ³)	1	050169993224

Compliance



For Wood Sub Floors

Floor Box Assemblies



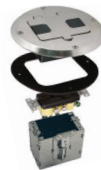
6500BR-5



6500NI-5



6239BP



6239NI,
6239SS



6239BK



6RF151SR

Applications

- Floor box kits are used to complete floor box installations on either carpet, tile, or wood floors

Product Features: 6236 and 5236

- Back wiring - clamp type terminals accept up to #10 wire
- 15A, 125V tamper resistant receptacle
- Brass finish cover plate is .058" thick, and 2-3/4" wide x 4-1/2" long
- 6236 includes 3-1/2" deep box

Product Features: 6500BR ANS 6500NI

- Contains low profile, 15A 125V tamper resistant receptacle

Product Features: 6239BP, 6239NI, 6239SS and 6239BK

- Can be used for power/data
- 15A, 125V tamper resistant receptacle
- Removable neoprene gaskets allow for independent use of either side of the receptacle with cover closed
- Recessed receptacle minimizes plug protrusion

Product Features: 6RF151SR

- Has solid brass cover and flange
- 15A, 125V tamper resistant receptacle
- Self-leveling, easy screw fastening

Compliance



Rectangular, Metallic Floor Box Kit - Brass Finish or Nickel Finish Cover Plate

Cat. #	Knockouts / Hubs		Cubic Inches	Std. Pkg.	Bar Code
	Side Conduit	Side Conduit			
6500BR-5	2 - 1/2"	4 - 1/2"	18.5 (303.1 cm ³)	5	
6500NI-5	2 - 1/2"	4 - 1/2"	18.5 (303.1 cm ³)	5	

Round, Recessed Floor Boxes - Brass, Nickel, Stainless or Black Finish

Cat. #	Description	Cubic Inches	Std. Pkg.	Bar Code
6239BP	Round, Brass Finish	28.0 (458.9 cm ³)	10	
6239NI	Round, Nickel Finish	28.0 (458.9 cm ³)	10	
6239SS	Round, Stainless Steel Finish	28.0 (458.9 cm ³)	10	
6239BK	Round, Black Finish	28.0 (458.9 cm ³)	10	
6RF151SR	Round, Drop-in, Brass	16.0 (262.1 cm ³)	10	

Replacement Plug for Floor Box Assemblies

Cat. #	Description	Std. Pkg.	Bar Code
RP6239BP	Replacement Plug for 5236/6236	50	
RP6500BR	Replacement Plug for 6500BR-5	50	
RP6500NI	Replacement Plug for 6500NI-5	50	

Floor Box Covers and Flanges



6250



6288



6289



6292, 6295



6294

Applications

- RACO® rectangular floor box brass covers and flanges are used to complete floor box installations

Product Features

- Rectangular brass covers are used with RACO single-gang, two-gang, and three-gang rectangular floor boxes
- Covers are 3" wide x 4-5/32" long
- Cover screw centers are 3-5/32" x 2-1/8"
- Rectangular carpet flanges are available in brass or clear polycarbonate

Compliance

- US LISTED

Rectangular Floor Box Covers - Brass

Cat. #	Description	Std. Pkg.	Bar Code
6250	Brass Duplex Cover with Lift Lids	40	
6288	Brass Duplex Cover with 2, 1-1/2" Threaded Plugs	40	
6289	Brass Cover with 2-1/8" x 1" Combination Plugs	40	

Rectangular Carpet Flanges - Polycarbonate and Brass

Cat. #	Description	Std. Pkg.	Bar Code
6292	1-Gang, Brass	20	
6295	1-Gang, Clear Polycarbonate	10	
6294	3-Gang, Brass	10	

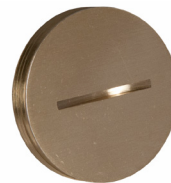
Accessories and Replacement Covers



6209



6226



RP6236BP

Applications

- Brass abandon plugs are sold separately for replacement in brass covers
- Split nozzle for 2-1/8" threaded cover consists of interlocking halves that provide a protective housing when assembled. The nozzle may be easily installed without removing an electrical plug from cord. Nozzle is brass colored plastic

Fully Adjustable Floor Box - Stamped Steel

Cat. #	Description	Thread Type	Fits RACO Brass Cover	Std. Pkg.	Bar Code
6209	3/4" Crowned, Slotted Plug	—	6287, 6291	30	
6226	1-1/2" Flush Slotted Plug	Fine	6284, 6288	25	

Replacement Plugs

Cat. #	Description	Std. Pkg.	Bar Code
RP6236BP	Replacement Plug for 5236/6236	50	—

Service Pedestals and Accessories



6300, 6301



6310



6313

Service Pedestals Applications

- RACO® above-the-floor pedestals satisfy most service requirements
- These are traditional metallic pedestals, offered as component parts to satisfy any combination of power or voice/data requirements

Product Features

- Service pedestal housing die cast aluminum frame, aluminum housing
- Stainless steel face plates

Pedestal Capacity Chart

- (Power or voice/data devices) In certain cases, the pedestal will accommodate two receptacles. In other cases, a device may be too deep, and the maximum capacity is one receptacle

Low-profile Service Pedestal Housing - Single Service for Power or Voice/Data

Cat. #	Description	Std. Pkg.	Bar Code
6300	Frame Housing, 3/4" Chase Nipple, w/o Plates	4	
6301	Frame Housing, 1" Chase Nipple, w/o Plates	4	

Face Plates

Cat. #	Description	Std. Pkg.	Bar Code
6310	Rectangular Cover Flange	25	
6313	Duplex Receptacle Plate	25	

Voice/Data Combinations

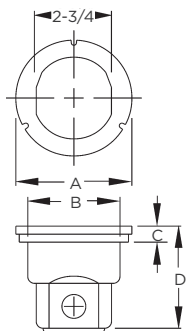
Max. # of Receptacles	Description	Plate(S) Qty.	Required RACO Cat.#
1	Duplex Jack Outlet	1	6313, 6310
1	Decorator Style of Telephone Outlet	1	6314, 6310
2	Decorator Style of Telephone Outlet	2	6314
0	Bushed Opening	1	6311, 6310

Power Combinations

Max. # of Receptacles	Description	Plate(S) Qty.	Required RACO Cat.#
2	Duplex Receptacles	2	6313
1	GFCI Receptacles	1	6314, 6310
1	Surge Duplex Receptacles	1	6314, 6310
2	Decorator Receptacles	2	6314
2	Single Receptacles	2	6312

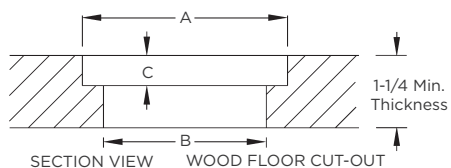
Detailed Drawings

Floor Boxes



Cast Iron Floor Boxes - Non Adjustable

Catalog Number	A	B	C	D
6223	4.19"	3.39"	0.59"	3.75"
6224	4.19"	3.39"	0.59"	3.75"

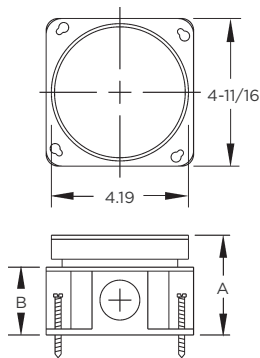


Cast Iron Floor Boxes - Non Adjustable- Floor Cut-out Dimensions

Catalog Number	A	B	C
6224	4.1875"	3.4375"	0.625"

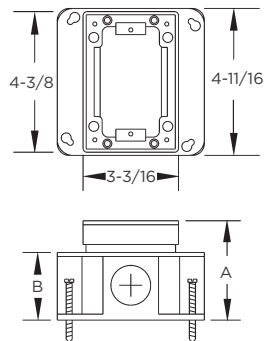
* If floor covering is used, vary counter bore depth accordingly.

NOTE: Minimum floor thickness is 1-1/4". You may need to add support under the floor around the floor box opening.



Round Floor Boxes - Adjustable

Catalog Number	A (Min.)	A (Max.)	B
6263	2.86"	3.19"	1.69"

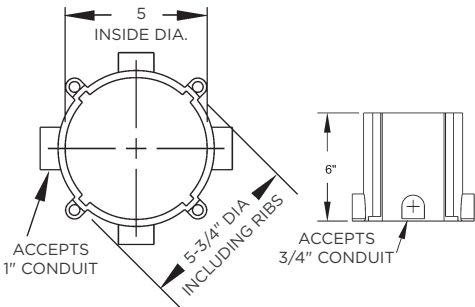


1-Gang Floor Boxes - Adjustable

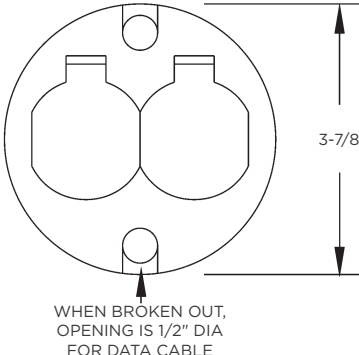
Catalog Number	A (Min.)	A (Max.)	B
6256	3.90"	4.28"	2.83"

Floor Boxes

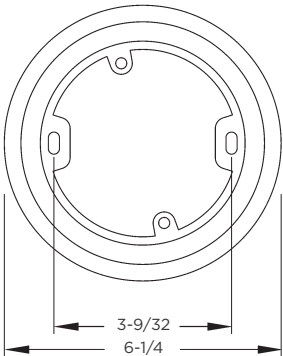
Non-Metallic Floor Box



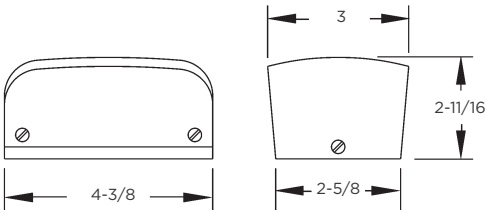
Replacement Covers



Replacement Carpet Flanges



Service Pedestal







Since 1896, RACO has consistently delivered high-quality steel electrical boxes. TayMac and BELL provide weatherproven™ outdoor electrical solutions.

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