

RACO® STEEL BOXES, COVERS AND ACCESSORIES

A



STANDARDS, 2014 NATIONAL ELECTRICAL CODES®

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 where 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 nonmetallic cover plates, also 4x4 and octagon boxes may be used in bearing and non-bearing wood stud and steel stud walls 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: UL Fire Resistance Directory (Orange Book)

Standard Material: Steel Covers, Outlet And 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.

RACO® UL Guide Cards

You can download and print out any or all UL Guide Cards issued to RACO®. Just go to the RACO website at www.hubbell-raco.com and click on the UL symbol. Every RACO UL guide card is listed by product category. Click on the live link (right hand column in blue type) and the UL Guide Card will appear. Save to your computer or print it out.

UL Guide Information Pages

UL publishes the most frequently asked questions concerning product ratings, configurations, installations, uses allowed or not allowed, grounding and bonding, and much more. Each UL category has a unique Guide Information Page. Live links to each UL Guide Information Page appears just below the RACO UL guide card for each product category.

STANDARDS, 2014 NATIONAL ELECTRICAL CODE®

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. 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. cm.) or less, other than those described in table, and nonmetallic 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 hickey 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.



STANDARDS, 2014 NATIONAL ELECTRICAL CODES®

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 <u>not</u> required for concentric and eccentric knockouts <u>if</u> they are listed for the purpose.</p>	<p>This Section is used to ensure that there is ground continuity when a concentric or eccentric knockout incorporated in a box. A bonding jumper is not required when using any of the RACO® patented TKO® knockout boxes, Catalog Numbers 189, 232, etc.</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 that support ceiling fans must be listed for that purpose.</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>
<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>

STANDARDS, 2014 NATIONAL ELECTRICAL CODES®

MOST OFTEN REQUESTED ARTICLES OF THE 2014 NATIONAL ELECTRICAL CODE®	HOW RACO® PRODUCTS HELP COMPLETE THE INSTALLATION
<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, 406.13, 406.14 Tamper-resistant Receptacles in Dwelling Units, Guest Rooms and Child Care Facilities. In all areas specified in 210.52, all 125 volt, 15 and 20 amp receptacles shall be listed tamper-resistant receptacles.</p>	<p>This is to prevent shocks of 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 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 hiccys are to be counted as one regardless of how many there may be. 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 conductors. Metal conduit and fittings will be used as the wire way. You must provide space for four conductors 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 12.0 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 nonmetallic 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:	42.0	30.3	29.5	21.5	21.0	18.0
						
CONDUIT STEEL BOXES	4-11/16\" 2-1/8\" Deep (inside)	4\" 2-1/8\" (Depth Inside)	4-11/16\" 1-1/2\" (Depth Inside)	4\" Oct. 2-1/8\" (Depth Inside)	4\" 1-1/2\" (Depth Inside)	Switch 3-1/2\" (Depth Inside)

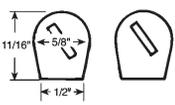
CUBIC INCHES:	30.3	21.5	21.0	18.0
				
MC/BX AND NONMETALLIC CABLE STEEL BOXES	4\" 2-1/8\" (Depth Inside)	4\" Oct. 2-1/8\" (Depth Inside)	4\" 1-1/2\" (Depth Inside)	Switch 3-1/2\" (Depth Outside)

CLAMP TYPES



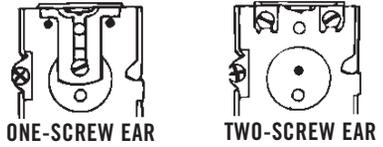
KNOCKOUTS AND PRIORTS

	1/2\" CONDUIT KO		1\" CONDUIT KO		
	3/4\" CONDUIT KO		TKO® CONDUIT KO	CABLE PRIORTS Always in pairs.	



FLAT-BOTTOMED CABLE PRIORTS
Eliminate chance of cable being cut.

PLASTER EARS



ONE-SCREW EAR **TWO-SCREW EAR**

Adjustable plaster ears are included on many switch boxes and one octagon box. They are set forward 1/32".

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

16.5 15.5 14.0 13.0 12.5 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)



4" Rnd. Pan

1/2" (Depth Inside)



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)		NONMETALLIC 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	—

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"	7-3/8"	6-7/8"	7"	2-3/8"	1-31/32"	4-1/2"	7"	6-25/32"	4-15/16"
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.



"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.

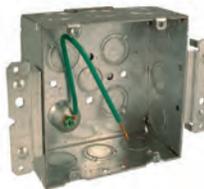


"LB" Bracket
Face mounts on front edge of wood stud. Use when space between studs is limited. 5/8" offset to clear narrow door molding.



"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



"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.

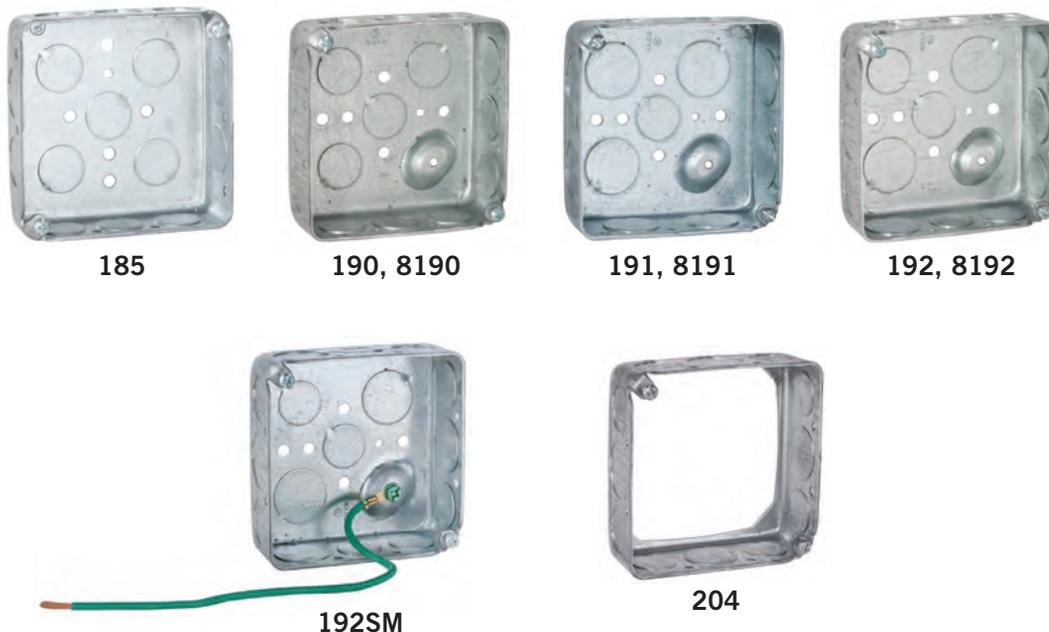


"FS" Bracket
Mounts on flat side of stud. Gauging tabs and recessed nailing spurs.



SQUARE BOXES & COVERS

4" SQUARE BOXES – DRAWN WITH CONDUIT KO'S



CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Box, 1-1/4" Deep – Drawn with Conduit KO's						
185	—	18.0 (295.0)	(10) 1/2"	(5) 1/2"	50	
4" Square Box, 1-1/2" Deep – Drawn with Conduit KO's						
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	
192SM	Raised Ground, 10" #12 Stranded Copper Pigtail	21.0 (344.1)	(8) 1/2", (4) 3/4"	(2) 1/2", (2) 3/4"	50	
4" Square Thru-the-Wall Box, 1-1/2" Deep – Drawn with Conduit KO's						
204	—	22.5 (368.7)	(8) 1/2", (4) 3/4"	—	50	—

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 for faster installation
- Thru-the-wall box is designed for shallow wall applications and allows for attachment of wall plate to both faces of box

COMPLIANCE

- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





4" SQUARE BOXES – WELDED WITH CONDUIT KO'S



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

- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Box, 1-1/2" Deep – Welded with Conduit KO's						
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	—

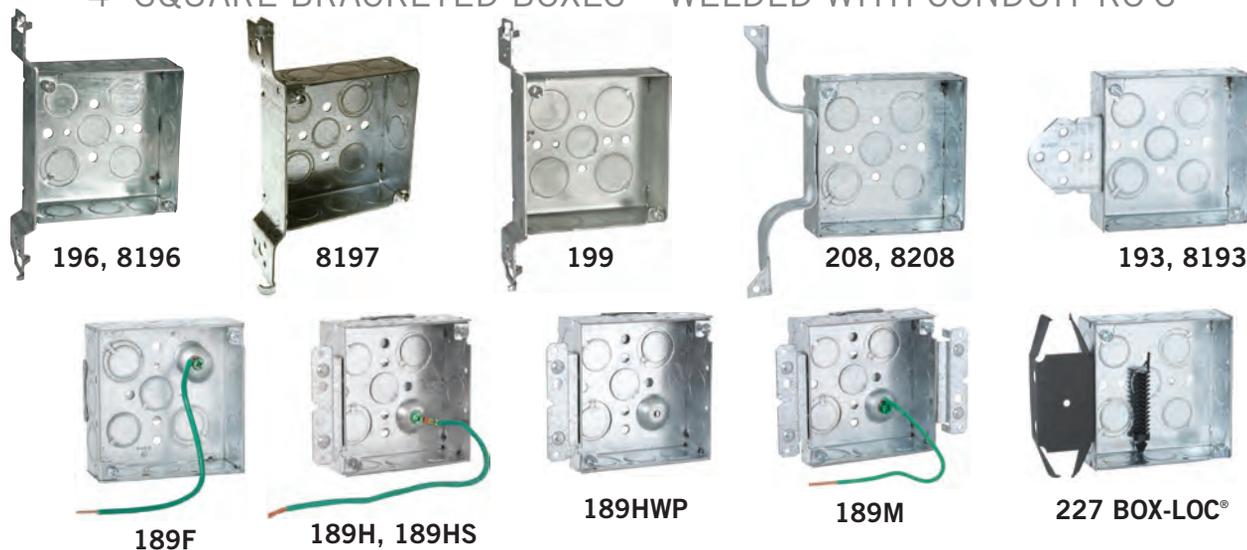
SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





SQUARE BOXES & COVERS

4" SQUARE BRACKETED BOXES – WELDED WITH CONDUIT KO'S



CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Bracketed Boxes, 1-1/2" Deep – Welded with Conduit KO's						
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	600V, W, Flush	21.0 (344.1)	(6) 1/2" (3) TKO®	(3) 1/2" (2) TKO®	25	—
8208	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	—
189HS	Raised Ground, 10" #12 Stranded 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	

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

- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com
- 600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





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

- File E195978

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Extension Rings, 1-1/2" Deep – Drawn with Conduit KO's						
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"	—	25	
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 KO's						
207	—	30.3 (496.5)	(6) 1/2", (6) 3/4"	—	25	—





SQUARE BOXES & COVERS

4" SQUARE BOXES – WELDED WITH CONDUIT KO'S



232, 8232



232RAC



231, 8231



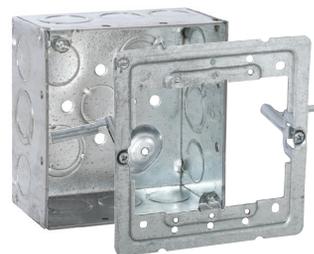
233, 8233



232SM



911-3



232-OW

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Box, 2-1/8" Deep – Welded with Conduit KO's						
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	30.3 (496.5)	(8) 1/2", (4) TKO [®]	(3) 1/2", (2) TKO [®]	25	—
231	—	30.3 (496.5)	(8) 3/4"	(1) 1/2", (4) 3/4"	25	—
8231	—	30.3 (496.5)	(8) 3/4"	(1) 1/2", (4) 3/4"	25	
233	—	30.3 (496.5)	(8) 1"	(3) 1/2", (2) 3/4"	25	—
8233	—	30.3 (496.5)	(8) 1"	(3) 1/2", (2) 3/4"	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	
232-OW	600V, Raised Ground, Old Work, 4" Sq. Box Mounting of One or Two Device Applications	30.3 (496.5)	(8) 1/2", (4) TKO [®]	(2) 1/2", (2) TKO [®]	25	

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

- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com
- 600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

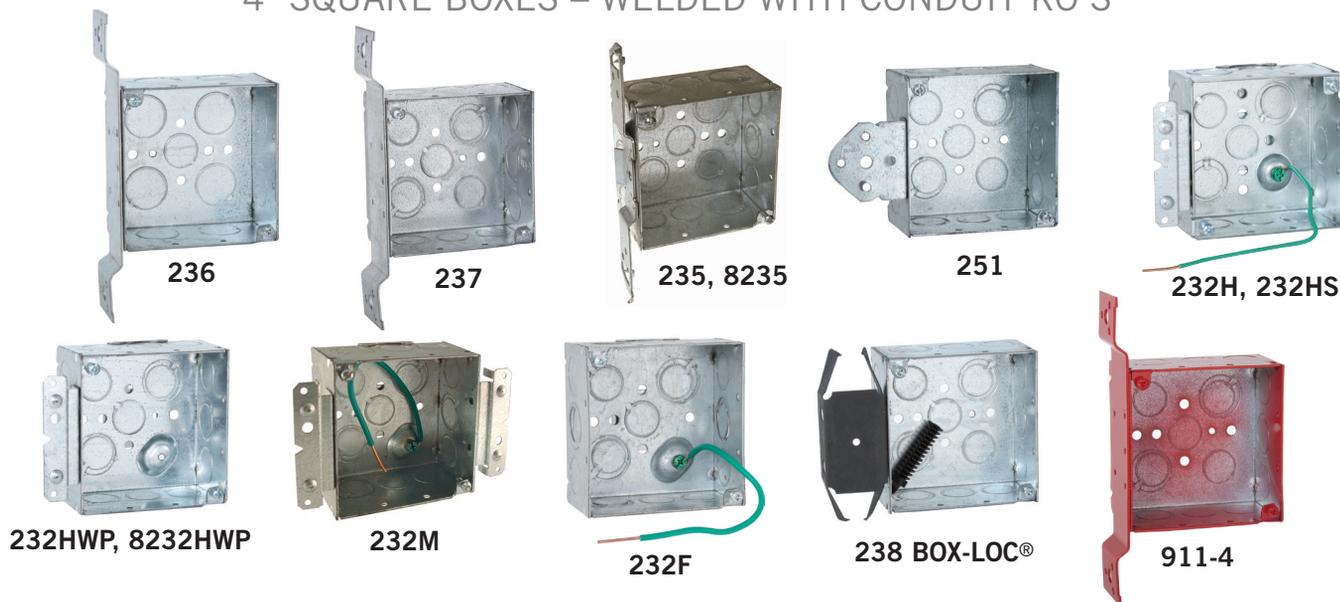
U.S. Patent 7,300,025, B2 (232-OW)

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





4" SQUARE BOXES – WELDED WITH CONDUIT KO'S



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

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Box, 2-1/8" Deep – Welded with Conduit KO's						
236	600V, FM, Flush	30.3 (496.5)	(6) 3/4"	(1) 1/2", (4) 3/4"	25	
237	600V, FM, Flush	30.3 (496.5)	(6) 1/2", (3) TKO®	(3) 1/2", (2) TKO®	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	—
232HS	Raised Ground, 10" #12 Stranded Copper Pigtail, UBS, HM	30.3 (496.5)	(8) 1/2" (4) TKO®	(2) 1/2" (2) TKO®	25	—
232HWP	Raised Ground, UBS, HM	30.3 (496.5)	(8) 1/2", (4) TKO®	(2) 1/2", (2) TKO®	25	—
8232HWP	Raised Ground, 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

- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com
- 600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





4" SQUARE PLENUM BOXES & COVER



226



239



762

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Plenum Boxes and Cover – Drawn with Conduit KO's						
226	1-1/2" Depth	22.5 (368.7)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	50	
239	2-1/8" Depth	30.3 (496.5)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	25	
762	Gasketed cover for 4" square boxes	—	—	—	50	

APPLICATIONS

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

PRODUCT FEATURES

- To maintain plenum seal, both RACO 226 and 239 do not provide ground screw holes
- Cover gasket is PVC foam material

COMPLIANCE

- File E195978

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





3-3/4" SQUARE BOXES – WELDED WITH CONDUIT KO'S



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

- File E195978

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
3-3/4" Square Large Capacity Boxes, 3-1/2" Deep – Welded with Conduit KO's						
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 Large Capacity Bracketed Boxes, 3-1/2" Deep – Welded with Conduit KO's						
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 A67) FOR DETAILED DRAWINGS >>





4" SQUARE BOXES – WELDED WITH ARMORED CABLE / METAL CLAD / FLEX CLAMPS



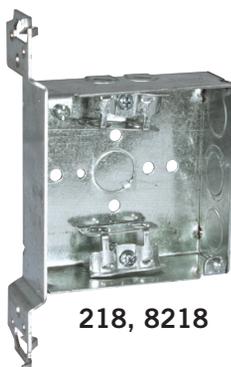
213, 8213



213HWP



224



218, 8218



229 BOX-LOC®

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS			STD. PKG.	BAR CODE
			CABLE PRIKOUTS	SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Box, 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"	50	IIIIIIII
4" Square 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	IIIIIIII
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	IIIIIIII

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

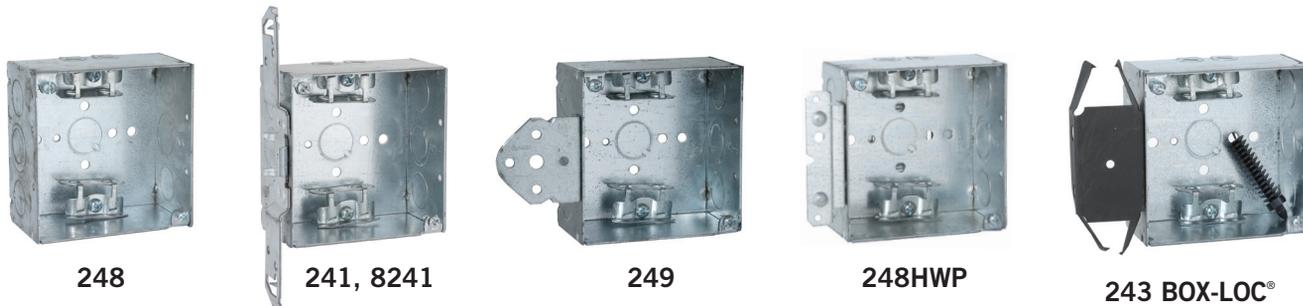
- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com
- 600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





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

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

- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

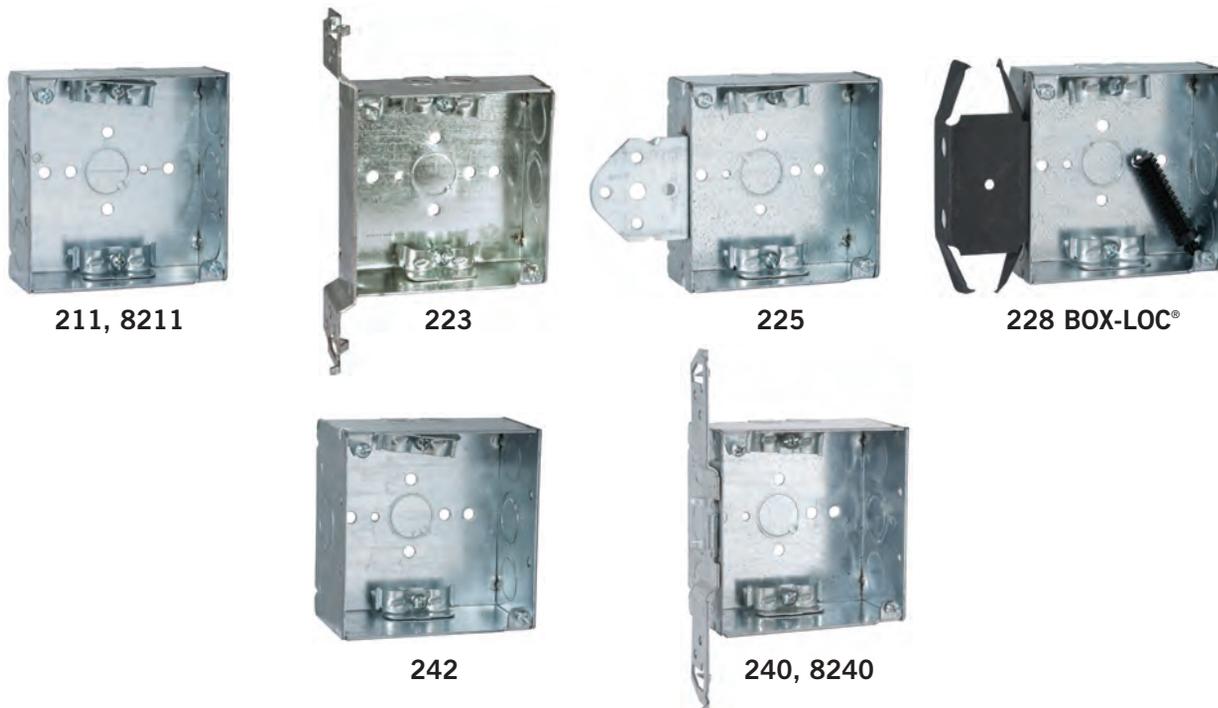
CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS			STD. PKG.	BAR CODE
			CABLE PRIOUTS	SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Box, 2-1/8" Deep – Welded with Armored Cable/Metal Clad/Flex Clamps							
248	600V	30.3 (496.5)	4	(4) 1/2", (2) TKO®	(1) 1/2"	25	
4" Square Bracketed Box, 2-1/8" Deep – Welded 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 with Far-side support (part #978)	30.3 (496.5)	4	(2) 1/2", (1) TKO®	(1) 1/2"	25	

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>





4" SQUARE BOXES – WELDED WITH NONMETALLIC SHEATHED CABLE CLAMPS



CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS			STD. PKG.	BAR CODE
			CABLE PRIORITS	SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Box, 1-1/2" Deep – Welded with Nonmetallic 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	—
228	600V, BOX-LOC®, (MS) Flush, Provided with Far-side support (part #978)	21.0 (344.1)	4	(2) 1/2" (1) TKO	(1) 1/2"	25	
4" Square Box, 2-1/8" Deep – Welded with Nonmetallic 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	

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

- File E195978
- All RACO single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com
- 600V Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

SEE END OF SECTION (PG A67) FOR DETAILED DRAWINGS >>



SQUARE BOXES & COVERS



4" SQUARE COVERS



752, 8752,
8752-5



753, 8753,
8753-5



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

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

COMPLIANCES

- File E195978
- File LR-1082

CATALOG #	DESCRIPTION	CUBIC INCHES (CM ³)	STD. PKG.	BARCODE
4" Square Flat Covers				
752	Flat, Blank	—	50	—
8752	Flat, Blank	—	50	
8752-5*	Flat, Blank	—	50	
753	Flat, 1/2" KO in Center	—	50	—
8753	Flat, 1/2" KO in Center	—	50	
8753-5*	Flat, 1/2" KO in Center	—	50	
911-8	Flat, Blank, Painted Red	—	50	
4" Square Single Device Covers				
787	Flat	—	25	
771	Raised 1/4"	1.5 (24.6)	100	—
8771	Raised 1/4"	1.5 (24.6)	25	
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)	25	
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	—

*5 Bundles of 10 – sold in carton quantities only



SQUARE BOXES & COVERS

4" SQUARE COVERS



791



777, 8777-0



778, 8778



769, 8769



779, 8779



780



781, 8781



795, 796

CATALOG #	DESCRIPTION	CUBIC INCHES (CM ³)	STD. PKG.	BARCODE
4" Square Two Device and Tile Covers				
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	—

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

- File E195978
- File LR-1082

SQUARE BOXES & 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



708, 709

CAT. #	DESCRIPTION	STD. PKG.	BARCODE
Low Voltage Partitions* for 1-1/2" Depth Boxes and 2-Device Covers			
706RAC	Fits 1/4", 1/2", 3/4" or 1" Cover Depth (#777, 778, 8778, 779, 8779, 780)	25	—
708	Fits 1-1/4", 1-1/2" or 2" Cover Depth (#781, 8781, 795, 796)	25	—
Low Voltage Partitions* for 2-1/8" Depth Boxes and 2-Device Covers			
707RAC	Fits 1/4", 1/2", 3/4" or 1" Cover Depth (#777, 778, 8778, 779, 8779, 780)	25	—
709	Fits 1-1/4", 1-1/2" or 2" Cover Depth (#781, 8781, 795, 796)	25	—

*Low voltage partitions are not UL Listed

Boxes, covers, and partitions must be ordered separately.

For 1-1/2" deep box with 5/8" cover, partition not available. For 2-1/8" deep box with 5/8" cover, use #708 partition.

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

COMPLIANCES

- File E195978
- File LR-1082

4" SQUARE FIXTURE COVERS



756-759, 767, 8756, 8767



896



897KH

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

COMPLIANCES

- File E195978
- File LR-1082

Patent Pending (897KH)

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	RECOMMENDED MAX. LOADS		STD. PKG.	BAR CODE
			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.		
4" Square 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	—
4" Square Swivel Fixture Covers						
896	For 4" Sq. Boxes, 1/2" or 3/4" Pipe	—	No	50	25	—
897KH	KWIK-HANG® for 4" Sq. Boxes, 1/2" or 3/4" Pipe	—	No	50	25	—



SQUARE BOXES & COVERS

4" SQUARE EXPOSED WORK COVERS



800C



801C



803C



804C



805C



806C



807C



808C



809C



810C



811C



812C



813C



814C



815C



816C



817C



830C



831C



902C



906C



907C



915C

CATALOG #	DESCRIPTION	CUBIC IN. (CM ³)	STD. PKG.	BARCODE
4" Square, 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	30-50A 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	
815C	1 Receptacle 2.165" Dia., Offset	6.5 (106.5)	10	
816C	1 Receptacle 2.480" Dia.	6.5 (106.5)	10	
817C	1 Receptacle 2.275" Dia., Offset	6.5 (106.5)	10	
830C	1 Receptacle 2.255" Dia.	6.5 (106.5)	10	
831C	1 Duplex, 1 20A Twist Lock 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	

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 2014 NEC Article 250.146 (A). No bonding jumper is required for covers with:
 - (1) Crushed corners
 - (2) Two or more device attachment screws
 - (3) A lockwasher or equivalent
- Hardware and cover are packed in a poly-bag with printed catalog number, compliances and installation instructions

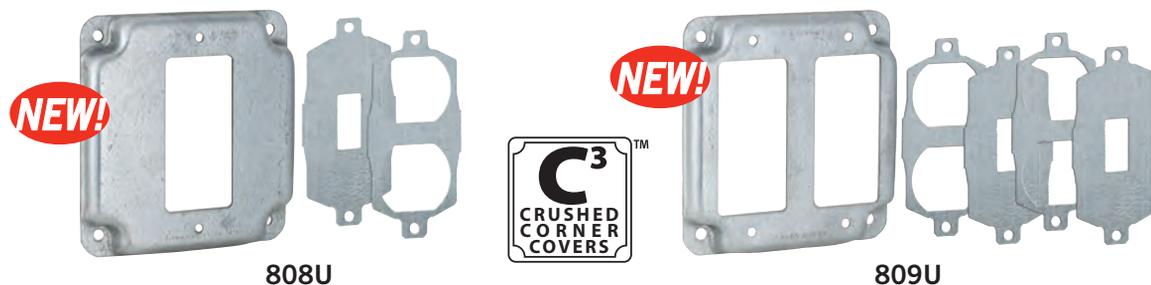
COMPLIANCES

- File E195978

SQUARE BOXES & 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

- RACO® exposed work covers include required hardware for mounting the receptacle(s)
- RACO® Exposed work covers meet the requirements of the 2014 NEC Article 250.146 (A). No bonding jumper is required for covers with:
 - (1) Crushed corners
 - (2) Two or more device attachment screws
 - (3) A lockwasher or equivalent
- Hardware and cover are packed in a poly-bag with printed catalog number, compliances and installation instructions
- Non-crushed corner covers allow for additional wiring capacity for GFCI's and dimmers

COMPLIANCES

- File E195978

Patent Pending (808U and 809U)

CATALOG #	DESCRIPTION	CUBIC IN. (CM ³)	STD. PKG.	BARCODE
4" Square Crushed Corner Covers – Raised 1/2"				
NEW 808U	Universal for 1 Device: 1 GFCI, 1 Duplex or 1 Toggle (Insert Plates)	6.5 (106.5)	10	
NEW 809U	Universal for 2 Device: 2 GFCI, 2 Duplex or 2 Toggle (Insert Plates)	6.5 (106.5)	10	
4" Square Extra-Capacity Non-Crushed Corner Covers – Raised 1/2"				
808	1 GFCI	7.3 (119.6)	10	
809	2 GFCI	7.3 (119.6)	10	
814	1 GFCI and 1 Toggle Switch	7.3 (119.6)	10	
915	1 GFCI and 1 Duplex Receptacle	7.3 (119.6)	10	





SQUARE BOXES & COVERS

4-11/16" SQUARE BOXES AND EXTENSION RINGS – DRAWN WITH CONDUIT KO'S



CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4-11/16" Square Boxes, 1-1/2" Deep – Drawn with Conduit KO's						
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 KO's						
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	

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 capacity or as an outlet box for surface conduit

PRODUCT FEATURES

- Combination screw heads provide for faster installation

COMPLIANCE

- File E195978

SEE END OF SECTION (PG A68) FOR DETAILED DRAWINGS >>





4-11/16" SQUARE BOXES – WELDED WITH CONDUIT KO'S



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

- File E195978
- **600V** Per U.L. 514-A, suitable for use without a bonding jumper in circuits up to 600 volts

CAT. #	DESCRIPTION	CUBIC INCHES (CM³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4-11/16" Square Boxes, 2-1/8" Deep – Welded with Conduit KO's						
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	
NEW 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	
NEW 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	—
4-11/16" Square Bracketed Boxes, 2-1/8" Deep – Welded with Conduit KO's						
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	—
NEW 257HWP	Raised Ground, 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 with Far-side support (part #978)	42.0 (688.2)	(9) TKO®	(1) 1/2", (3) TKO®	25	

* Not UL Rated

SEE END OF SECTION (PG A68) FOR DETAILED DRAWINGS >>



4-11/16" SQUARE COVERS



832



833, 8833-5



911-11



837, 8837



843



838



839



842



898



899

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
4-11/16" Square Flat Covers			
832	Flat, Blank	50	
833	Flat, 1/2" KO, Centered	50	
8833-5*	Flat, 1/2" KO, Centered	50	
911-11	Flat, Blank, Painted Red	50	—

*5 Bundles of 10 – sold in carton quantities only

CATALOG #	DESCRIPTION	CUBIC IN. (CM ³)	STD. PKG.	BARCODE
4-11/16" Square Single Device and Tile Covers				
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 (126.1)	20	—

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

- File E195978
- File LR-1082

SQUARE BOXES & COVERS



4-11/16" SQUARE COVERS AND PARTITIONS



841



818



840



819



820



885



NEW!

855, 859



NEW!

911-16, 911-17



829



835



706RAC, 707RAC



708, 709

APPLICATIONS

- RACO® 4-11/16" raised device covers are for mounting switches or receptacles
- Raised fixture covers are used where fixtures will be installed
- Low voltage partitions may be added to conduit-type boxes to divide power from voice/data
- Partitions must be used with raised covers

PRODUCT FEATURES

- Red boxes, covers and extensions for dedicated life safety alarm circuits
- Partition divides 4" square boxes into two compartments
- Use partitions 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

COMPLIANCE

- File E195978
- File LR-1082

CATALOG #	DESCRIPTION	CUBIC IN. (CM ³)	STD. PKG.	BARCODE
4-11/16" Square Two Device and Tile Covers				
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	—
NEW 855	Raised 5/8", For Life Safety Appliances & Emergency Exit Signs	8.3 (136.0)	25	—
NEW 859	Raised 1-1/4", For Life Safety Appliances & Emergency Exit Signs	16.0 (262.0)	12	—
NEW 911-16	Raised 5/8", For Life Safety Appliances & Emergency Exit Signs, Painted Red	8.3 (136.0)	25	—
NEW 911-17	Raised 1-1/4", For Life Safety Appliances & Emergency Exit Signs, Painted Red	16.0 (262.0)	12	—

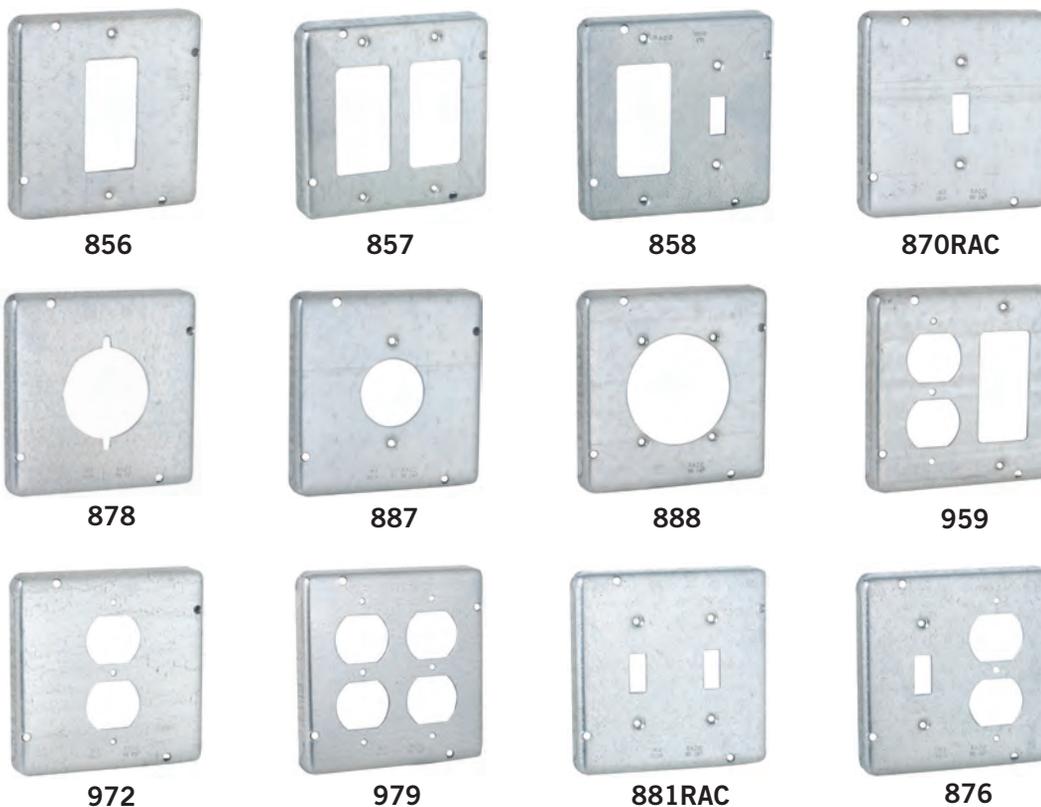
CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	RECOMMENDED MAX. LOADS		STD. PKG.	BAR CODE
			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.		
4-11/16" Square Fixture Covers						
829	Raised 1/2", Open, Ears 2-3/4" O.C.	3.0 (49.6)	No	50	25	
835	Raised 5/8", Open, Ears 2-3/4" O.C.	4.0 (65.5)	No	50	25	—

CAT. #	DESCRIPTION	STD. PKG.	BARCODE
Low Voltage Partitions* for 1-1/2" Depth Boxes and 2-Device Covers			
706RAC	Fits 1/4", 1/2", 3/4" or 1" Cover Depth (#777, 778, 8778, 779, 8779, 780)	25	—
708	Fits 1-1/4", 1-1/2" or 2" Cover Depth (#781, 8781, 795, 796)	25	—
Low Voltage Partitions* for 2-1/8" Depth Boxes and 2-Device Covers			
707RAC	Fits 1/4", 1/2", 3/4" or 1" Cover Depth (#777, 778, 8778, 779, 8779, 780)	25	—
709	Fits 1-1/4", 1-1/2" or 2" Cover Depth (#781, 8781, 795, 796)	25	—

*Low voltage partitions are not UL Listed
Boxes, covers, and partitions must be ordered separately.
For 1-1/2" deep box with 5/8" cover, partition not available. For 2-1/8" deep box with 5/8" cover, use #708 partition.
Partitions are usable but not UL listed for 4-11/16" sq. box.



4-11/16" SQUARE EXPOSED WORK COVERS



CATALOG #	DESCRIPTION	CUBIC IN. (CM ³)	STD. PKG.	BARCODE
4-11/16" Exposed Work Covers				
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	

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 2014 NEC Article 250.146 (A). No bonding jumper is required for covers with:
 - (1) Crushed corners
 - (2) Two or more device attachment screws
 - (3) A lockwasher or equivalent
- Hardware and cover are packed in a poly-bag with printed catalog number, compliances and installation instructions

COMPLIANCES

-  File E195978



LIFE SAFETY SUPPORT PRODUCTS - IMMEDIATE IDENTIFICATION



911-9



911-6



911-12



911-3



911-4

NEW!



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

COMPLIANCES

- c **UL** ^{us} LISTED
LISTED - UL E195978

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
Life Safety Steel Wall Boxes and Extension Rings – Painted Red						
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	—
NEW 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 A67 AND A68) FOR DETAILED DRAWINGS >>



SQUARE BOXES & COVERS

LIFE SAFETY SUPPORT PRODUCTS - IMMEDIATE IDENTIFICATION



911-16, 911-17



855, 859



911-8



911-11

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

COMPLIANCES

- cULus LISTED LISTED - UL E195978

CATALOG #	DESCRIPTION	CUBIC IN. (CM ³)	STD. PKG.	BARCODE
Life Safety Steel Wall Boxes Covers				
NEW 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	—
NEW 855	4-11/16" Sq. x 4" Sq. Adapter, 5/8" Raised	8.3 (136.0)	25	—
NEW 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	—



706RAC, 707RAC



205RAC



206RAC, 8206RAC

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

- (UL) File E195973
- U.S. Patent 7,300,025.B2 (205RAC, 206RAC, 8206RAC)

*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.



LARGE CAPACITY BOXES



BOXES FOR AUDIO, VIDEO, POWER AND DATA

NEW!



260

NEW!



263



256



255

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

- cUL^{us} LISTED, Outlet Box, 731A
- Patent Pending (263)

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4-11/16" Large Capacity Steel Wall Boxes, 3-1/4" Deep – Welded with Conduit KO's						
NEW 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	—
NEW 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 Large Capacity Steel Wall Boxes, 3-1/2" Deep – Welded with Conduit KO's						
256	—	45.0 (737.4)	(12) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	25	IIIIIIII
255	FM Bracket	45.0 (737.4)	(10) 1/2"-3/4" Concentric	(4) 1/2"-3/4" Concentric	10	IIIIIIII

SEE END OF SECTION (PG A68) FOR DETAILED DRAWINGS >>



LARGE CAPACITY BOXES

COVERS AND PARTITIONS



NEW!

792



NEW!

793



NEW!

794



NEW!

855, 859



NEW!

981

CAT. #	DESCRIPTION	CUBIC IN. (CM ³)	FITS CAT. #	STD. PKG.	BARCODE
3-Gang Raised Device Covers – For 263 Box					
NEW 792	5/8" Raised	10.3 (168.8)	263	10	—
NEW 793	3/4" Raised	12.7 (208.1)	263	10	—
NEW 794	1-1/4" Raised	24.2 (396.6)	263	5	—
2-Gang Raised Device Cover – For 4-11/16" Box					
NEW 855	5/8" Raised, For Life Safety Appliances & Emergency Exit Signs	8.3 (136.0)	260 and 911-15	25	—
NEW 859	1-1/4" Raised, For Life Safety Appliances & Emergency Exit Signs	16.0 (262.0)	260 and 911-15	12	—
Voltage Partition					
NEW 981	For 5/8", 3/4", 1-1/4" covers for 260 and 263 boxes	—	260 and 263	25	—

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

- c  LISTED, Outlet Box, 731A

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

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 (291-1, 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
- Graduated markings for 1/2" to 1-1/4" thick sheetrock (Cat. No. 291-1)

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 70 lbs. or less
- Double row of KO's allow greater installation flexibility with a minimum of bends or offsets for working around reinforcing rods

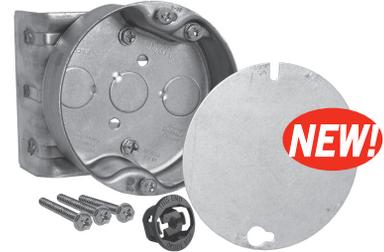
COMPLIANCE

- UL File E195978

U.S. Patents 7,148,420, 7,211,744



295-1, 295



291-1



294-1, 294



296-1, 296



299



GORILLA-RING® 284

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.		
4" Round Ceiling Fan Pan – Drawn with Conduit KO's									
295-1	1/2" Depth	6.0 (98.3)	INSIDER	—	(5) 1/2"	70	150	10	—
295*	1/2" Depth	6.0 (98.3)	INSIDER	—	(5) 1/2"	70	150	10	
4" Round Ceiling Box – Drawn with Conduit KO's									
NEW 291-1	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(3) 1/2"	70	150	20	—
NEW 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	
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	
299*	2-1/8" Depth	22.4 (367.1)	INSIDER	(2) 1/2"	(3) 1/2"	70	150	6	
GORILLA-RING® – Concrete Ring for Ceiling Fan Support									
284	4" Deep, Double Row Side Knockouts	49.3 (807.9)	—	(4) 3/4" (6) 1/2"	—	35	70	6	—

* 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 nonmetallic sheathed cable in 1/2" KO (See pg. B75).

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



SEE END OF SECTION (PG A68) FOR DETAILED DRAWINGS >>

CEILING FAN AND FIXTURE SUPPORT PRODUCTS



926, 926-1



936



937

APPLICATIONS

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

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 of brace
 - 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

COMPLIANCE

-  File E195978



U.S. Patents 7,148,420, 6,595,479, 7,191,994

CAT. #	DESCRIPTION	CUBIC INCHES (CMS)	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		
KWIK-BRACE® with Box – New Construction Braces for Lighting Fixtures or Ceiling Fans											
926-1	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(3) 1/2"	70	70	210	90	12	
926*	1-1/2" Depth	15.8 (258.9)	INSIDER	—	(3) 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	—	(3) 1/2"	70	35	110	50	6	
937*	2-1/8" Depth	22.4 (367.1)	INSIDER	—	(3) 1/2"	70	35	110	50	4	

* 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 nonmetallic sheathed cable in 1/2" KO (See pg. B75).

CEILING BOXES AND COVERS



CEILING FAN AND FIXTURE SUPPORT PRODUCTS

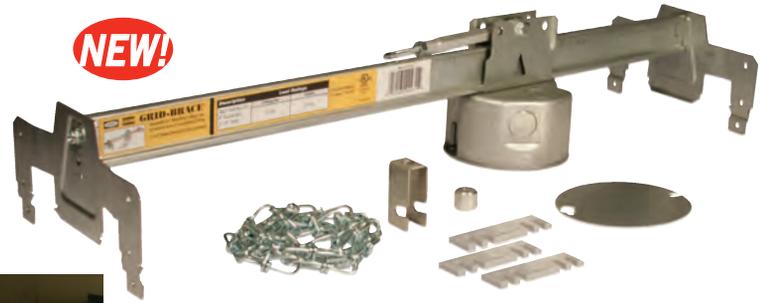
APPLICATION

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

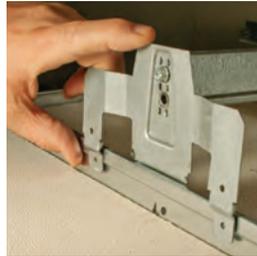
PRODUCT FEATURES

- 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

NEW!



931



COMPLIANCE

- File E195978
- U.S. Patents 7,148,420, U.S. Patent Pending

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		RECOMMENDED MAX. LOADS		STD. PKG.	BAR CODE
			SIDES	BOTTOM CONDUIT	CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.		
NEW 931	GRID-BRACE™ For Suspended Ceilings, 2-1/8" Deep Ceiling Fan Support for Suspended Ceilings	22.3 (365.4)	(2) 1/2"	(2) Conc. 1/2" & 3/4"	70	70	4	IIIIIIII

CEILING PANS

APPLICATION

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

PRODUCT FEATURES

- Combination screw heads provide for faster installation

COMPLIANCE

- File E195978
- U.S. Patent 7,148,420, 4,892,211
- Canada 1,324,360 Mexico 166,125



292, 8292



287



293, 8293

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" Round Ceiling Pan – Drawn with Nonmetallic 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	IIIIIIII
287	3/4" Depth	5.0 (81.9)	4	—	(1) 1/2"	No	50	50	—
4" Round Ceiling Pan – 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	50	IIIIIIII

SEE END OF SECTION (PG A68) FOR DETAILED DRAWINGS >>





CEILING BOXES AND COVERS

3-1/2" OCTAGON BOXES – DRAWN



112



119

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

- File E195978

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" Octagon Box, 1-1/2" Deep – Drawn with Nonmetallic Sheathed Cable Clamps									
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	



CEILING BOXES AND COVERS



110



111

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

COMPLIANCE

- File E195978

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" Octagon Box, 1-1/2" Deep – Drawn with Conduit KO's									
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 KO's									
111	—	11.8 (193.4)	—	(4) 1/2"	—	No	—	25	

SEE END OF SECTION (PG A69) FOR DETAILED DRAWINGS >>





4" OCTAGON BOXES AND EXTENSION RINGS – DRAWN WITH CONDUIT KO'S

APPLICATIONS

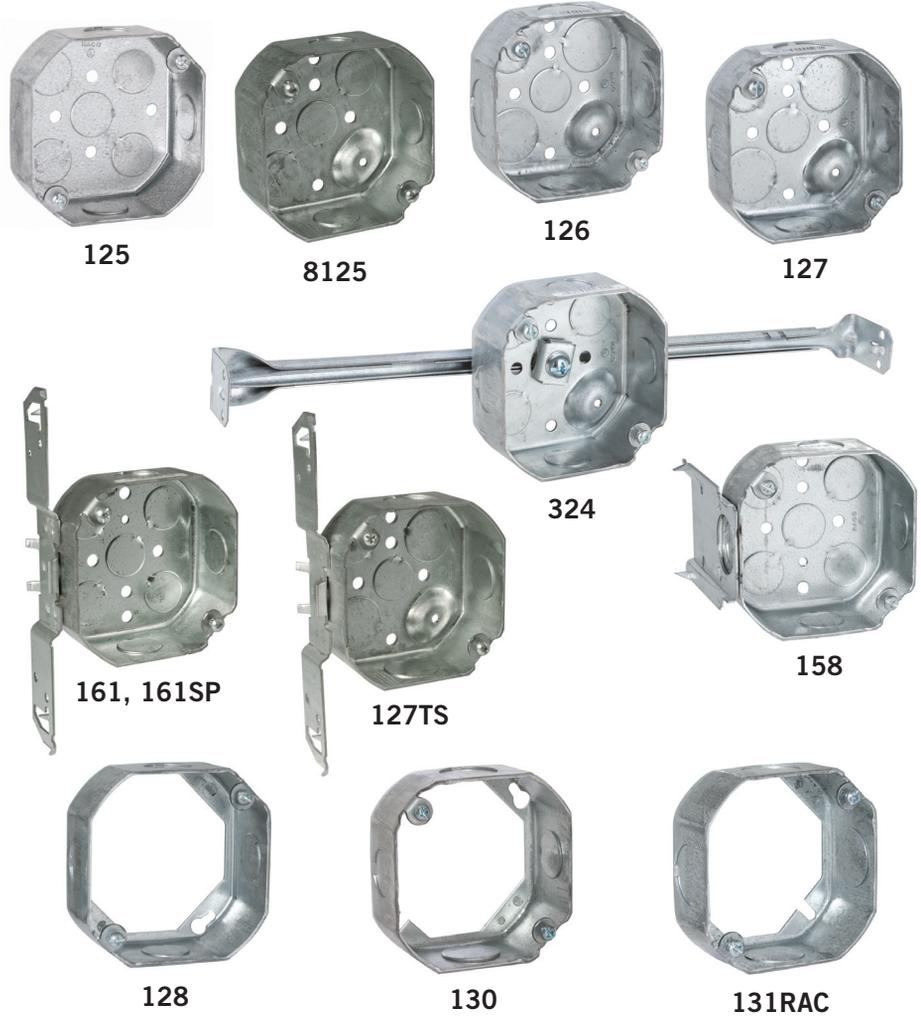
- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures
- Extension rings provide a means for adding additional cubic capacity or as an outlet box for surface conduit

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

- File E195978
- File LR-1082 (128, 130, 131RAC)



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.		
4" Octagon Box, 1-1/2" Deep – Drawn with Conduit KO's								
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	50	
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	
127TS	Raised Ground, TS Bracket, 1/2" Setback	15.5 (254.0)	(1) 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	50	
161	TS Bracket, 1/2" Setback	15.5 (254.0)	(3) 1/2"	(5) 1/2"	No	50	25	
NEW 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	
4" Octagon Extension Rings, 1-1/2" Deep – Drawn with Conduit KO's								
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	
131RAC	—	15.5 (254.0)	(4) 3/4"	—	No	50	25	

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

SEE END OF SECTION (PG A69) FOR DETAILED DRAWINGS >>





CEILING BOXES AND COVERS

4" OCTAGON DEEP BOXES – DRAWN WITH CONDUIT KO'S



165



166



167



167TS

APPLICATIONS

- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures
- Combination screw heads provide for faster installation

COMPLIANCE

- File E195978

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.		
4" Octagon Box, 2-1/8" Deep – Drawn with Conduit KO's								
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 A69) FOR DETAILED DRAWINGS >>





4" OCTAGON BOXES – DRAWN WITH ARMORED CABLE / METAL CLAD / FLEX CLAMPS

APPLICATIONS

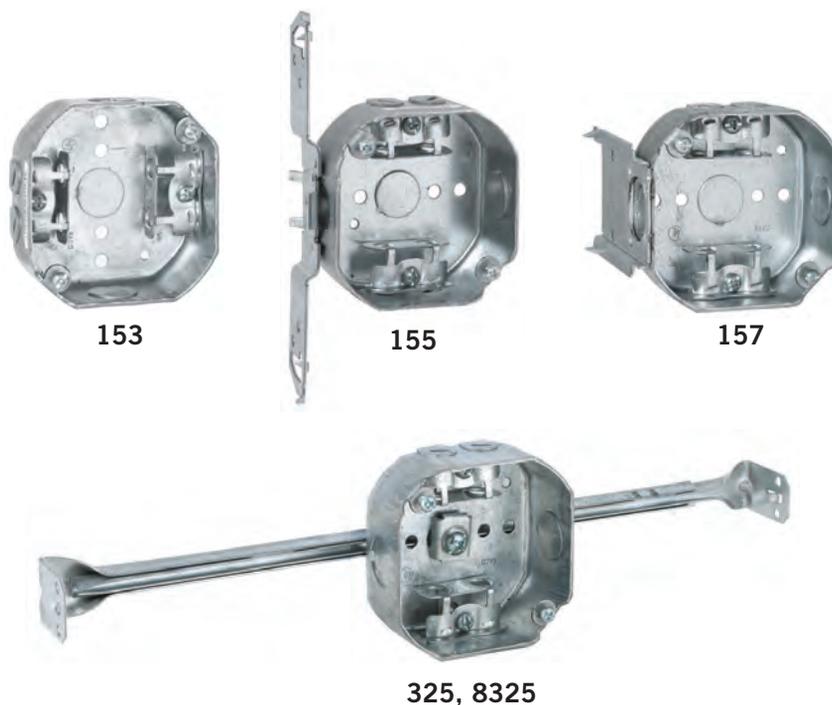
- RACO® Octagon Boxes are used in the installation of ceiling or wall lighting fixtures

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

- File E195978



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.		
4" Octagon Box, 1-1/2" Deep – Drawn with Armored Cable/Metal Clad/Flex Clamps									
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	50	
157	J Bracket, 3/8" or 1/2" Setback	15.5 (254.0)	4	(2) 1/2"	(1) 1/2"	No	50	50	
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	

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

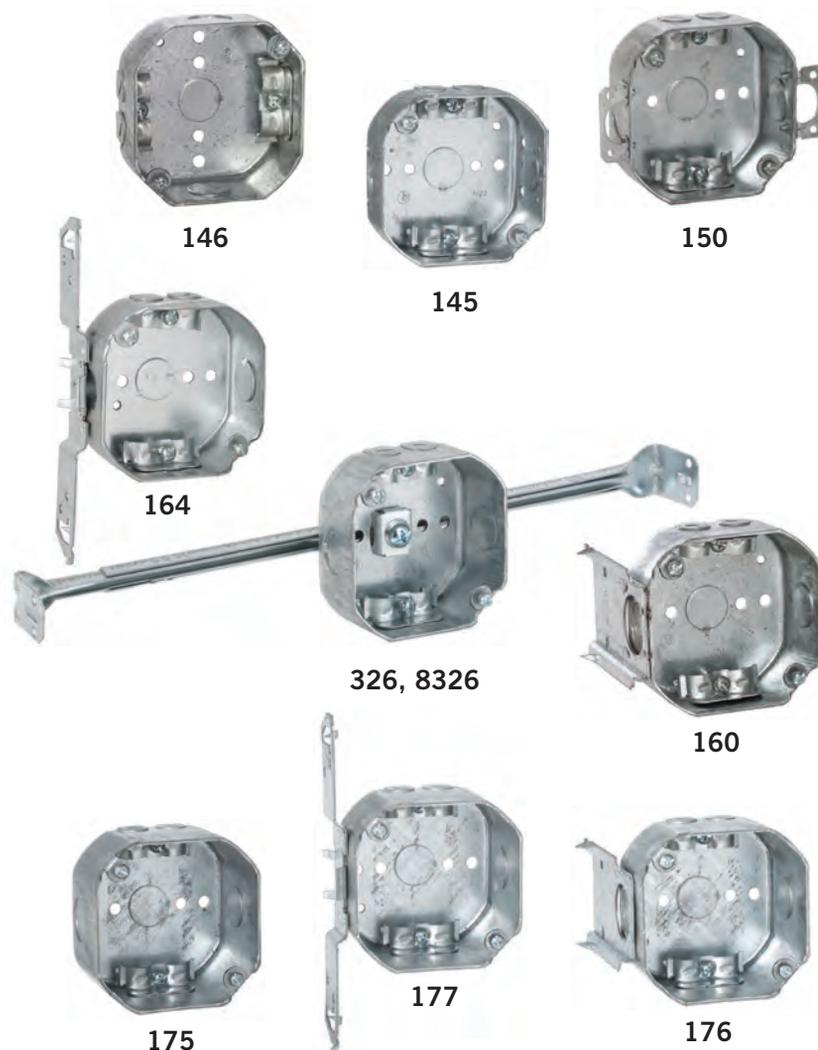
SEE END OF SECTION (PG A69) FOR DETAILED DRAWINGS >>





CEILING BOXES AND COVERS

4" OCTAGON BOXES – DRAWN WITH NONMETALLIC 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

- File E195978

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.		
4" Octagon Box, 1-1/2" Deep – Drawn with Nonmetallic 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	25	
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	
4" Octagon Box, 2-1/8" Deep – Drawn with Nonmetallic 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	—

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

SEE END OF SECTION (PG A69) FOR DETAILED DRAWINGS >>



CEILING BOXES AND COVERS



ROUND COVERS FOR 3-1/2" AND 4" OCTAGON BOXES



703, 8703-5



895



894KH



727, 732, 737

APPLICATION

- 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

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	
8703-5*	Flat, 1/2" KO In Center	—	No	—	50	
3-1/2" or 4" Swivel Fixture, Support Covers						
895	For 3-1/2" or 4" Octagon Boxes, 1/2" or 3/4" Conduit	—	No	50	25	
NEW 894KH	Kwik-Hang®, For 3-1/2" or 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	—

*5 Bundles of 10 – sold in carton quantities only

COMPLIANCE

- File E195978
- File LR-1082 (722, 729, 731)

U.S. Patent 7,148,420, 7,211,744
 Patent Pending (894KH)



OCTAGON AND ROUND COVERS



722, 8722-5



724, 8724-5



729



731, 8731-5



5652-1



5653-1



5654-1

CATALOG #	DESCRIPTION	PKG. TYPE	STD. PKG.	BARCODE
4" Octagon and Round Covers				
722	Flat, blank	—	50	
8722-5*	Flat, blank	—	50	
724	Flat, 1/2" KO	—	50	
8724-5*	Flat, 1/2" KO	—	50	
729	Flat, toggle switch	—	50	
731	Flat, duplex receptacle	—	25	
8731-5*	Flat, duplex receptacle	—	50	
5" Round Steel Closure Plates				
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	—

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

- File E195978
- File LR-1082 (722, 729, 731)

*5 Bundles of 10 – sold in carton quantities only



SINGLE DEVICE HANDY BOXES AND EXTENSION RINGS



NEW!

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

COMPLIANCES

- File E195978
- File LR-1082 (611 and 650CSA only) **NEW**
- All RACO® Handy Box, U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com **NEW**

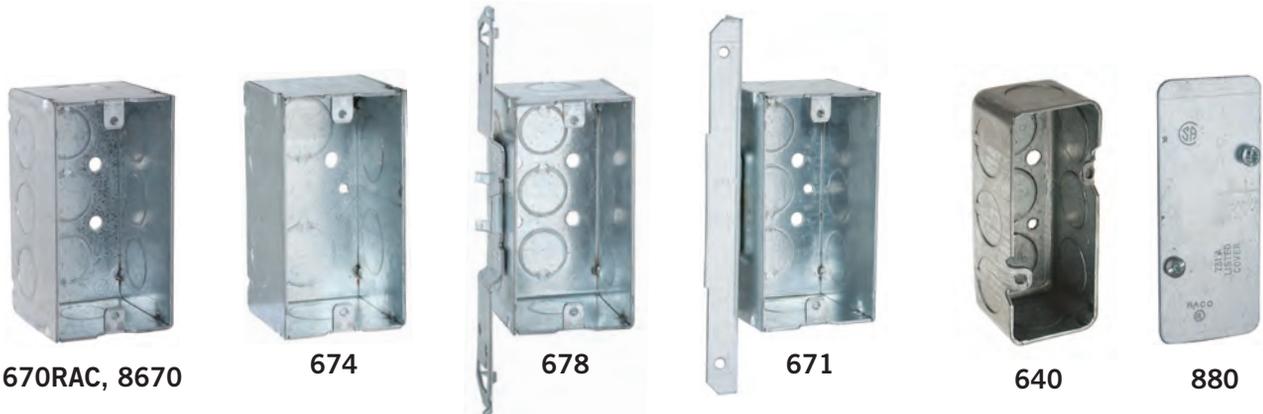
CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS			STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CONDUIT	BOTTOM CONDUIT		
4" x 2" Handy Boxes, 1-1/2" Deep – Welded with Conduit KO's							
650	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
8650	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	25	
650CSA	With Ground Screw Driven	11.5 (188.5)	(6) 1/2"	(2) 1/2"	(3) 1/2"	50	—
655	B Bracket, 1/4" Setback	11.5 (188.5)	(3) 1/2"	(2) 1/2"	(3) 1/2"	50	—
4" x 2" Handy Box Extension Rings, 1-1/2" Deep – Welded with Conduit KO's							
653	—	11.5 (188.5)	(6) 1/2"	(2) 1/2"	—	25	
4" x 2" Handy Boxes, 1-7/8" Deep – Drawn with Conduit KO's							
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	—
660SM	10" #12 Stranded Copper Pigtail, Raised Ground	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 Bracket, 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	
663SM	10" #12 Stranded Copper Pigtail, Raised Ground	13.0 (213.0)	(4) 3/4"	(2) 3/4"	(1) 3/4"	50	
NEW 666	Raised Ground	13.0 (213.0)	(6) 1/2"	(1) 1/2" (1) 3/4"	—	50	—
4" x 2" Handy Box Extension Rings, 1-7/8" Deep – Drawn with Conduit KO's							
665	—	13.0 (213.0)	(6) 1/2"	(2) 1/2"	—	25	

SEE END OF SECTION (PG A70) FOR DETAILED DRAWINGS >>





SINGLE DEVICE HANDY BOXES AND COVERS



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 KO's							
670RAC	—	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 KO's							
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	—

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
4" x 2" Handy Box Covers – 2-5/16" Wide x 4-3/16" Length			
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	

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

- File E195978
- File LR-1082 (Covers only)

SEE END OF SECTION (PG A70) FOR DETAILED DRAWINGS >>





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

COMPLIANCES

- File E195978
- All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com



680

681, 681SP



683, 683SP

685, 685SP



871



872



873

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS		STD. PKG.	BAR CODE
			SIDES CONDUIT	BOTTOM CONDUIT		
4" Square Two Device Switch Boxes, 2-1/8" Deep – Drawn with Conduit KO's						
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	
NEW 683SP	—	30.3 (496.5)	(8) 1/2", (4) 3/4"	(3) 1/2", (2) 3/4"	10	
NEW 681	TS Bracket, 1/2" Setback	30.3 (496.5)	(9) 1/2"	(5) 1/2"	25	
NEW 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	
NEW 685SP	TS Bracket, 1/2" Setback	30.3 (496.5)	(6) 3/4"	(3) 1/2", (2) 3/4"	8	
4" Square – Two Device 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 A70) FOR DETAILED DRAWINGS >>





3" x 2" SWITCH BOXES – WITH CONDUIT KO'S



400



420



500, 8500



501



503



502



504, 8504



505



506



509



508

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

COMPLIANCES

- File E195978
- All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS				STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CABLE	ENDS CONDUIT	BOTTOM CONDUIT		
1-1/2" Deep Switch Box – Gangable with Conduit KO's								
400	Plaster Ears	7.5 (122.9)	—	—	(2) 1/2"	(1) 1/2"	20	
2" Deep Switch Box – Gangable with Conduit KO's								
420	Plaster Ears	10.0 (163.9)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	25	
2-1/2" Deep Switch Box – Gangable with Conduit KO's								
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	
505	TS Bracket, 1/2" Setback	12.5 (204.8)	(2) 1/2"	—	(2) 3/4"	(2) 1/2"	50	—
506	Old Work TIGERGRIP® Plaster Ears	12.5 (204.8)	—	—	(2) 1/2"	(2) 1/2"	20	
509	Old Work, Plaster Ears	12.5 (204.8)	—	—	(2) 1/2"	(2) 1/2"	20	
508	Old Work, 3/4" Sheet Rock Max., Plaster Ears	12.5 (204.8)	—	—	(2) 1/2"	—	20	

SEE END OF SECTION (PG A70) FOR DETAILED DRAWINGS >>





SWITCH BOXES



3" x 2" SWITCH BOXES – WITH CONDUIT KO'S

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

COMPLIANCES

- File E195978
- All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. “Fire Resistance Directory” or the U.L. website at www.ul.com



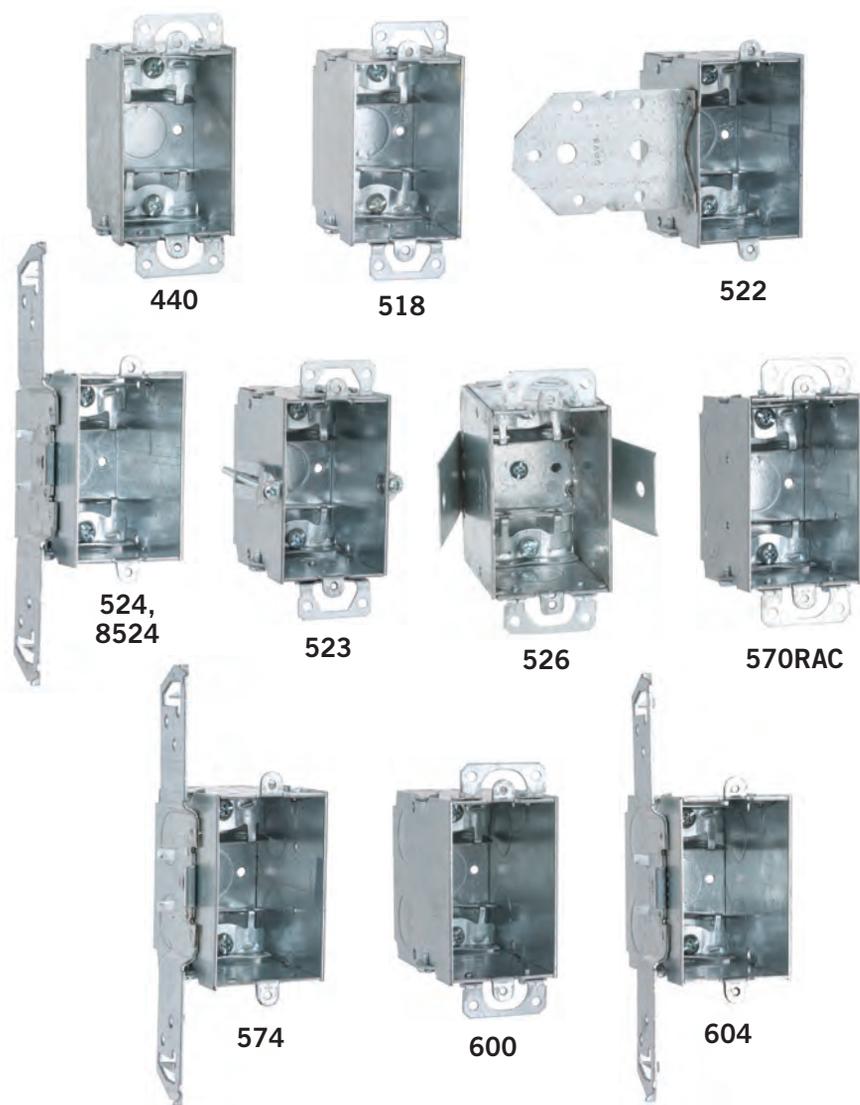
CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS				STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CABLE	ENDS CONDUIT	BOTTOM CONDUIT		
2-3/4" Deep Switch Box – Gangable with Conduit KO's								
560	Plaster Ears	14.0 (229.4)	(4) 1/2"	—	(2) 1/2"	(2) 1/2"	25	
565	Plaster Ears	14.0 (229.4)	(4) 3/4"	—	(2) 3/4"	(2) 1/2"	50	—
561	No Plaster Ears	14.0 (229.4)	(4) 1/2"	—	(2) 1/2"	(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 Switch Box – Gangable with Conduit KO's								
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 A70) FOR DETAILED DRAWINGS >>





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

COMPLIANCES

- File E195978
- All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. "Fire Resistance Directory" or the U.L. website at www.ul.com

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 Switch Box – 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"	50	
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	
526	Plaster Ears, Old Work, 3/4" Sheet Rock Max.	12.5 (204.8)	—	4	—	—	20	
2-3/4" Deep Switch Box – 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 Switch Box – 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 A71) FOR DETAILED DRAWINGS >>





SWITCH BOXES



3" X 2" SWITCH BOXES – WITH NONMETALLIC 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

COMPLIANCES

- File E195978
- All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. “Fire Resistance Directory” or the U.L. website at www.ul.com



CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS				STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CABLE	ENDS CONDUIT	BOTTOM CONDUIT		
1-1/2" Deep Switch Box – Gangable with Nonmetallic Sheathed Cable Clamps								
410	Plaster Ears	7.5 (122.9)	—	4	—	—	25	
2" Deep Switch Box – Gangable with Nonmetallic Sheathed Cable Clamps								
445	Plaster Ears	10.0 (163.9)	—	4	—	(1) 1/2"	50	—
2-1/4" Deep Switch Box – Gangable with Nonmetallic 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 Switch Box – Gangable with Nonmetallic 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	
596	No Plaster Ears	12.5 (204.8)	—	4	(2) 1/2"	—	50	—
545	Plaster Ears, Old Work, 3/4" Sheet Rock Max.	12.5 (204.8)	—	4	(2) 1/2"	—	20	
531	TS Bracket, 1/2" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	25	
540	B Bracket, 1/4" Setback	12.5 (204.8)	—	4	(2) 1/2"	(1) 1/2"	50	—
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 A71) FOR DETAILED DRAWINGS >>





3" X 2" SWITCH BOXES – WITH NONMETALLIC SHEATHED CABLE CLAMPS



564



567



355, 8355



601, 8601



601G



603



605

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

COMPLIANCES

- File E195978
- File LR-1082 (601G CSA only)
- All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. “Fire Resistance Directory” or the U.L. website at www.ul.com

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS				STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CABLE	ENDS CONDUIT	BOTTOM CONDUIT		
2-3/4" Deep Switch Box – Gangable with Nonmetallic 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 Switch Box – Gangable with Nonmetallic 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 Switch Box – Gangable with Nonmetallic 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	
601G	Plaster Ears, With Ground Screw Driven	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 A71) FOR DETAILED DRAWINGS >>





SWITCH BOXES

RACO

SHALLOW SWITCH BOXES – WITH NONMETALLIC 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

COMPLIANCES

- File E195978 (Cat. #404, #404SP and #405 not UL listed)
- All RACO® single gang, two gang, 4" square, and single gang gangable U.L. listed steel boxes are acceptable for use in 2-hour fire rated walls. For additional information, consult U.L. “Fire Resistance Directory” or the U.L. website at www.ul.com



404, 404SP



405



418

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 Boxes, 1" Deep – Nongangable with Nonmetallic Sheathed Cable Clamps								
404	Q Clamp, 1/4" Setback	6.5 (106.5)	—	2	(1) 1/2"	—	25	
NEW 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 Nonmetallic Sheathed Cable Clamps								
418	(2) Q Clamp, 1/4" Setback	14.8 (242.5)	—	4	(2) 1/2"	—	25	





MULTI-DEVICE LARGE CAPACITY SWITCH BOXES & PARTITIONS

APPLICATIONS

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

PRODUCT FEATURES

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

COMPLIANCES

- File E195978 (Cat. #971 not UL Listed)



686



687



971

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS				STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CABLE	ENDS CONDUIT	BOTTOM CONDUIT		
Multi-Device Switch Boxes, 2-1/2" Deep – Welded with Conduit KO's								
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								
971	For 686 and 687 Boxes	—	—	—	—	—	25	—

SEE END OF SECTION (PG A71) FOR DETAILED DRAWINGS >>



MULTI-GANG BOXES



951 through 958

941 through 945

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 1/2" and 3/4" 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 #947 or #949

COMPLIANCES

- Listed 731A

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS			STD. PKG.	BAR CODE
			TOP & BOTTOM	SIDES	BACK		
Gang Boxes, 1-5/8" Deep – Welded with Conduit KO's							
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	—
956	7 Gang	111.5 (1827.1)	18 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	1	—
957	8 Gang	124.5 (2040.1)	20 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (4) 3/4"	1	—
958	9 Gang	137.3 (2249.9)	22 Conc. 1/2" & 3/4"	4 Conc. 1/2" & 3/4"	(6) 1/2" (2) 3/4"	1	—
Gang Boxes, 2-1/2" Deep – Welded with Conduit KO's							
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 A71) FOR DETAILED DRAWINGS >>



COVERS AND PARTITIONS



CAT. #	DESCRIPTION	FOR GANG BOXES	CU. IN. CAP. (CM ³)	STD. PKG.	UPC 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	—
826	7 Gang, 16-1/8" Width	956	35.5 (581.7)	1	—
827	8 Gang, 17-15/16" Width	957	40.8 (668.5)	1	—
828	9 Gang, 19-3/4" Width	958	45.8 (750.5)	1	—
Device Covers for Gang Boxes					
NEW 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	—

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

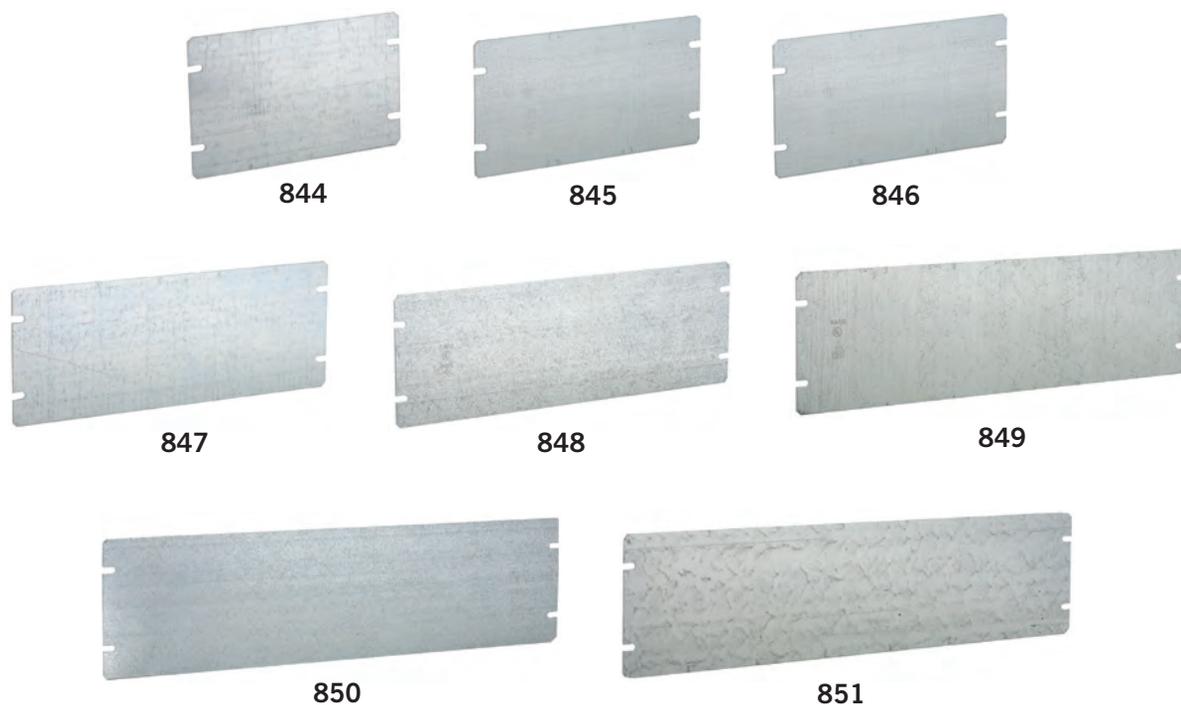
PRODUCT FEATURES

- 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 731A (Cat. #974 and #949 not UL Listed)

BLANK COVERS



APPLICATIONS

- Covers are used to close a multi-gang box

CAT. #	DESCRIPTION	FOR GANG BOXES	STD. PKG.	UPC BAR CODE
Flat, Blank Covers for Gang Boxes				
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	—
849	7 Gang, 16-1/8" Width	956	1	—
850	8 Gang, 17-15/16" Width	957	1	—
851	9 Gang, 19-3/4" Width	958	1	—



CONCRETE RINGS, CEILING BOX AND COVER PLATES



CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS	RECOMMENDED MAX. LOADS		STD. PKG.	BAR CODE
				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.		
Concrete Rings							
270RAC	2" Deep	24.5 (401.4)	Single Row KO's - 1/2" and 3/4"	No	50	25	—
271	2-1/2" Deep	30.8 (504.7)	Single Row KO's - 1/2" and 3/4"	No	50	25	
272	3" Deep	37.0 (606.3)	Single Row KO's - 1/2" and 3/4"	No	50	25	—
277	3" Deep	37.0 (606.3)	Single Row KO's - 3/4" and 1"	No	50	25	—
273	3-1/2" Deep	43.0 (704.6)	Double Row KO's - 1/2" and 3/4"	No	50	20	—
278	3-1/2" Deep	43.0 (704.6)	Single Row KO's - 3/4" and 1"	No	50	20	—
274	4" Deep	49.3 (807.8)	Double Row KO's - 1/2" and 3/4"	No	50	20	—
279	4" Deep	49.3 (807.8)	Double Row KO's - 3/4" and 1"	No	50	20	—
275	5" Deep	61.5 (1007.8)	Double Row KO's - 1/2" and 3/4"	No	50	10	—
276	6" Deep	74.0 (1212.6)	Double Row KO's - 1/2" and 3/4"	No	50	10	—
284	4" Deep	49.3 (807.8)	Double Row KO's - 1/2" and 3/4"	35	75	6	—
Hung Ceiling Box							
280	3-1/2" Deep, includes an 890 cover	43.0 (704.6)	Double Row KO's (8) 1/2" and (8) 3/4"	No	—	20	—
918	30" Long Bars for Hung Ceiling Box	—	—	No	—	40	—

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

- File E195978

CAT. #	DESCRIPTION	STD. PKG.	UPC BAR CODE
Concrete Ring - Back Plates/Covers and Adapter Ring			
890	(3) 1/2" and (2) 3/4" KO's, O.D. Diam. 4-1/2"	25	
892	Flat, Blank, O.D. Diam. 4-1/2"	25	—
893	O.D. Diam. 4-1/2", Joins Octagon Ext. Ring to Concrete Ring, Two Retained Screws	50	—

SEE END OF SECTION (PG A72) FOR DETAILED DRAWINGS >>

MASONRY BOXES



MASONRY BOXES AND PARTITIONS



690 through 694



960



695 through 699



965



971

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

- File E195978 (Cat. #971 not UL Listed)

CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS			STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CONDUIT	BOTTOM CONDUIT		
Masonry Boxes, 2-1/2" Deep – Nongangable with Conduit KO's							
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	—
Masonry Boxes, 3-1/2" Deep – Nongangable with Conduit KO's							
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	—
CATALOG # DESCRIPTION STD. PKG. BARCODE							
Low Voltage Partitions for Masonry Boxes							
971	For Nongangable, 2-1/2" or 3-1/2" Deep Boxes					25	—

SEE END OF SECTION (PG A72) FOR DETAILED DRAWINGS >>



MASONRY BOXES AND SUPPORT



688



689

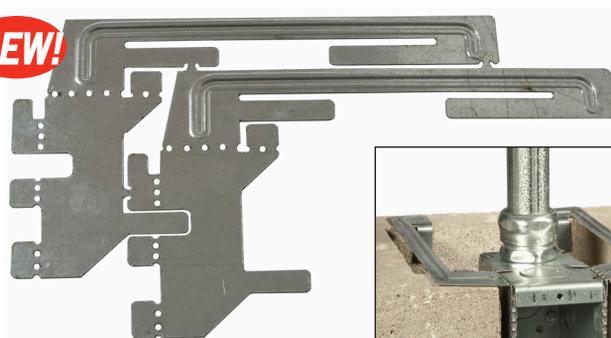


675



676

NEW!



BLOCK-LOC™
990



CAT. #	DESCRIPTION	CUBIC INCHES (CM ³)	KNOCKOUTS			STD. PKG.	BAR CODE
			SIDES CONDUIT	ENDS CONDUIT	BOTTOM CONDUIT		
Masonry Boxes, 2-1/2" Deep – Gangable with Conduit KO's							
688	1 Gang, 1-15/16" Wide	15.5 (253.9)	4 TKO®	2 TKO®	2 TKO®	20	
Masonry Boxes, 3-1/2" Deep – Gangable with Conduit KO's							
689	1 Gang, 1-15/16" Wide	22.5 (368.7)	4 TKO®	4 TKO®	2 TKO®	20	

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
Low Voltage Partitions for Masonry Boxes			
675	For Gangable, 2-1/2" Deep Boxes	20	
676	For Gangable, 3-1/2" Deep Boxes	20	

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
BLOCK-LOC™ Masonry Box Support Bracket			
NEW 990	For Gangable or Nongangable Boxes	5*	

*5 bags of 10 – sold in carton quantities only

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

BLOCK-LOC™ APPLICATIONS

- Locks box securely to concrete block wall to prevent movement during construction

BLOCK-LOC™ FEATURES

- Secures box to concrete block, even in irregular cut openings
- Easy-bend tabs lock box from top, front, sides and back
- Sold in breakaway pairs
- No tools required
- Cost effective – reduces installation time and eliminates costly rework
- Universal – Single or multi-gang masonry boxes & tile covers
- Installation instructions included
- Patent Pending

BOX SUPPORT PRODUCTS



BRACES AND BRACKETS - BETWEEN STUDS

APPLICATIONS

(9004R - 9006R, 9013R - 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

COMPLIANCES

- cUL_{us} LISTED LISTED - UL E195973

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 everytime and will not bulge or break out drywall

COMPLIANCES

- cUL_{us} LISTED
- US Patent 7,902,457

APPLICATIONS (3PRAC, 4PRAC)

- Rough-In-Ready® 3PRAC allow two 4" and one 4-11/16" (in center) square boxes to be securely positioned between two studs. 4PRAC brackets allow multiple 4" or 4-11/16" square boxes to be securely positioned between two studs.



9013R, 9015R



9004R, 9006R



9001

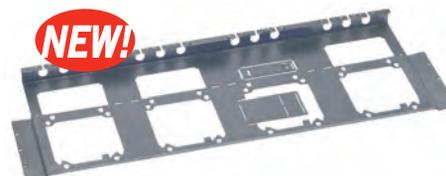


9002



3PRAC

Rough-In-Ready



4PRAC

Rough-In-Ready

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
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			
9013R	Adjusts from 10-3/8" to 18", 1-1/2" or 2-1/8" Deep Box	50	—
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" On Center Studs	50	—
9002	(4) Box, for 24" On Center Studs	50	—
Fixed Position Box Mounting Brackets w/Cable Support			
NEW 3PRAC	9 Cable Supports	14	—
4PRAC	12 Cable Supports	10	—

PRODUCT FEATURES

- Face mount stud brackets allows bracket/box to directly mount to any type of stud - metal (open or closed sides) or wood
- 3PRAC = supports up to 3, square boxes and mud rings. 4PRAC = supports up to 4, square boxes and mud rings
- Integrated top cable support manages cables entering assembly per current NEC requirements
- Easy to use, integrated locking tabs hold cable securely in place - simply snap cable in, no additional hardware required to hold cables in place
- 3PRAC = 9 built-in cable holders, 4PRAC = 12 built in cable locators
- Cable holders will accept cable ranges from 12-2MC to 10-4 MC
- Stud bracket features centering hole for easy

locating of bracket to correct height from center of device to floor

- Unique box locking tab secures box to bracket for transporting to job site. Tab design allows mud ring to be removed from box without disengaging from bracket assembly
- Built-in, flip-out far side supports will accommodate either 2-1/2", 3-1/2", or 3-5/8" steel or wood stud depths. For 5-1/2" or 6" stud depths, simply break out included far side extensions and add to flip-out support with screw
- Heavy 20 gauge .038" gauge pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

COMPLIANCES

- cUL_{us} LISTED

Covered by patents: US 7,053,300B2 & US 6,996,943B2



BOX SUPPORT PRODUCTS

BRACKETS AND BOX SUPPORTS - ON STUDS



9018



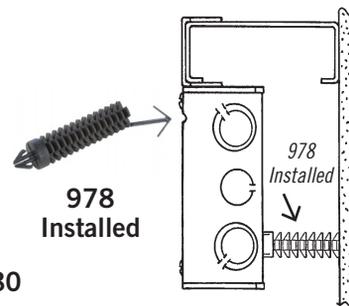
SBRNRRAC
Rough-In-Ready



SBRNRRAC
with Spanner Bars



BOX-LOC® 980



978
Installed



SP1RAC
Rough-In-Ready



SP2RAC
Rough-In-Ready

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
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			
NEW 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 Bars			
NEW SP1RAC	Spans 16" Between Two Metal or Wood Studs	30	—
SP2RAC	Spans 24" Between Two Metal or Wood Studs	30	—

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 Patent 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 (SP1RAC, SP2RAC)

- Rough-In-Ready® Spanner bars, SP1RAC for 16" and SP2RAC for 24" spans, work with both SBRNRRAC and S1CRAC 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, on 1" centers
- Heavy 20 guage .038" guage pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

COMPLIANCES

- UL Listed as part of the Rough-In-Ready system

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

COMPLIANCES

- LISTED
-

APPLICATIONS (SBRNRRAC)

- Rough-In-Ready® 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). No additional cable support needed
- 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"

COMPLIANCES

- LISTED

Covered by patents: US 7,053,300B2 & US 6,996,943B2

BOX SUPPORT PRODUCTS

RACO

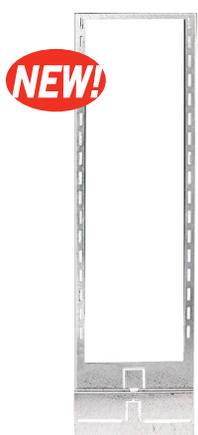
BOX AND CABLE SUPPORTS - BETWEEN STUDS AND FLOOR



9009



9010



NEW!
KS1RAC
Rough-In Ready



SBRNRRAC, KS1RAC
w/Spanner Bar



NEW!
CS1RAC

Rough-In Ready



NEW!

CS2RAC

Rough-In Ready

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
Floor Mounted Box Support			
9009	12" Tall Bracket	25	—
9010	18" Tall Bracket	25	—
Floor Mount Kick Stand – Adjustable			
NEW KS1RAC	Spans 16" Between Two Metal or Wood Studs	20	—
MC/BX Cable Holder			
NEW CS1RAC	16" - 10 Cable Postions	36	—
CS2RAC	24" - 16 Cable Postions	40	—

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

COMPLIANCES

- LISTED
LISTED - UL E195973

US Patent 4,602,789

APPLICATIONS (KS1RAC)

- Rough-In-Ready® KS1RAC is designed to be used in conjunction with SBRNRRAC
- Adjusts the box assembly at various heights from floor 7" to 18" at 1" increments

PRODUCT FEATURES

- SBRNRRAC single box support brackets lock into KS1RAC using built in locator tabs
- Wrap under lip design and securing lock tab allows for KS1RAC to be positioned under stud for hands free installation of bracket/box assembly
- KS1RAC wall assembly can be easily located behind closed wall with built in locator tab that can be seen once drywall is in place
- Heavy 20 gauge .038" gauge pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

COMPLIANCE

- LISTED

APPLICATIONS (CS1RAC AND CS2RAC)

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

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 range ranges from 12-2MC to 10-4MC
- Heavy 20 gauge .038" gauge pre-galvanized steel construction for secure and rigid support of boxes in wall cavity

COMPLIANCE

- LISTED
US Patent 6,996,943B2



BOX SUPPORTS - CEILING



920, 922



991



DHRAC
Rough-In Ready

CAT. #	DESCRIPTION	RECOMMENDED MAX. LOADS		STD. PKG.	BAR CODE
		CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.		
Adjustable Bar Hangers					
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	—

**UL rated at 16" span on center for 50 lbs.

CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
New Box Support Products			
NEW 991	KWIK-HANG™ Box Support Hanger	50	—
CATALOG #	DESCRIPTION	STD. PKG.	BARCODE
Universal Roof Deck Hanger			
NEW DHRAC	Hanger	10	—

APPLICATION (920, 922)

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

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

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
- File E195978

Patent Pending

APPLICATIONS (DHRAC)

- Rough-In-Ready® DHRAC provides means of static load support from roof decking. The DHRAC can be used to mount luminaries that need to be suspended from roof decking

PRODUCT FEATURES

- Easily installs to roof decking with use of 4, #8 or larger sheet metal screws (not included)
- Large 1-3/8" hole opening accommodates a variety of chains, cables hooks, etc.
- Heavy 20 guage .038" guage pre-galvanized steel construction for secure and rigid support
- Max. static support load for deck thickness of 20 or 22 gauge using min. 4, #8 or larger sheet metal screws - 100 lbs.

COMPLIANCE

-

ACCESSORIES FOR STEEL BOXES



970RAC



977, 8977,
8977-5



969



9008, 9017



976



961



962



963



964



966

“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 FEATURE

- 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 plates ears

GRIP-LOK® PRODUCT FEATURE

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

APPLICATIONS (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

COMPLIANCE

- File E195973

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

CAT. #	DESCRIPTION	STD. PKG.	UPC BAR CODE
Switch Box Support “Old Work Saddle”			
970RAC	Mounts Switch Boxes with Plaster Ears in Hollow Walls or Ceilings	10	IIIIIIII
GRIP-LOK® “Old Work” Switch Box Support			
977	Supplied as a pair. Use pair to mount switch box with plaster ears in hollow wall, 1-7/8" long legs	100 pairs	—
8977	Supplied as a pair. Use pair to mount switch box with plaster ears in hollow wall, 1-7/8" long legs	25 pairs	IIIIIIII
8977-5*	Supplied as a pair. Use pair to mount switch box with plaster ears in hollow wall, 1-7/8" long legs	100 pairs	IIIIIIII
Old Work Switch Box Clips			
969	Old Work Clips for Switch Boxes, 1/2" Sheetrock	50 pairs	IIIIIIII
Low Voltage Mounting Bracket			
9008	New or Old Work Single Gang	100	—
9017	New or Old Work Single Gang	20 Bags**	IIIIIIII
Add-A-Depth Ring Extends Switch Box Set Too Deep in Wall			
976	Adjustment Range 1/4" - 1", Two 1-1/8" Screws Included	25 Bags	IIIIIIII

*4 Bundles of 25 – sold in carton quantities only **2 Brackets per polybag

CAT. #	DESCRIPTION	FOR RACO® SWITCH BOXES	STD. PKG.	UPC BAR CODE
Switch Box Accessories, Replacement				
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	IIIIIIII
962	Plaster Ears - Clipped Style with Screws	150, 400, 591	100	IIIIIIII
963	Plaster Ears - 1 Screw Style with Screws	471, 487, 517, 518, 519, 523	100	IIIIIIII
964	Old Work GRIP-TITE® Clip w/Screws	523	100	IIIIIIII
966	Old Work TIGERGRIP® Clip w/Screws	487, 506, 517	100	IIIIIIII

NEC CODE 314.20

- See page A(3) 2008 Standards

COMPLIANCE

- File E195973, E195968

APPLICATION (969)

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

PRODUCT FEATURE

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



PROTECTOR PLATES

CABLE PROTECTOR PLATES



CAT. #	CONTRACTOR PACK	DESCRIPTION	LENGTH	MATERIAL THICKNESS	STD. PKG.	UPC BAR CODE
Cable Protectors Plates – For Wood Studs						
2712	—	PUZZLE-PLATE/Gangable	2-3/4"	.0510"	100	
2712-9R	Yes	PUZZLE-PLATE/Gangable	2-3/4"	.0625"	50	—
2712-9	Yes	PUZZLE-PLATE/Gangable	2-3/4"	.0510"	50	—
2712R	—	PUZZLE-PLATE/Gangable	2-3/4"	.0625"	100	
2713	—	PUZZLE-PLATE/Gangable	5"	.0510"	50	
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"	100	—

CAT. #	DESCRIPTION	DEVICE PROTECT	STD. PKG.
Raised 3/4" and Flat for Device and Wire Protection			
701R	3/4" Raised, for 1 Device Mudring	GFI, Duplex, Switch	24
702R	3/4" Raised, for 2 Device Mudring	GFI, Duplex, Switch	24
701F	Flat, for 1 Device Mudring	Opening and Wires	100
702F	Flat, for 2 Device Mudring	Opening and Wires	50
700F	Flat, Round 2-3/4" O.C. Opening Mudring	Opening and Wires	50
701RD	Gangable for RACO 686, 687, and RACO Nongangable Masonry Boxes	For Caddy® MP1S	24
702RD	3/4" Raised, Low Voltage	For Caddy® MP2S	24
701FD	3/4" Raised, Low Voltage	For Caddy® MP1S	50
702FD	3/4" Raised, Low Voltage	For Caddy® MP2S	50
701FG	Flat, Gangable for 686, 687, RACO Gang Masonry Boxes	Opening and Wires	100

APPLICATION (701R - 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 drywall's router bit tools
- Feature patented wire retrieval loop to hold data wire in place

U.S. Patent 7,102,079

PUZZLE-PLATE™ CABLE PROTECTORS APPLICATION (2712 – 2713R)

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

COMPLIANCE

- cUL^{us} LISTED (not 2712, 2712-9, 2713)

NAILING SPUR APPLICATIONS (2709, 2710)

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

PRODUCT FEATURE

- Old work

COMPLIANCE

- cUL^{us} LISTED (not 970RAC)

Patent Pending

SEE END OF FITTINGS SECTION (PG B121) FOR PROTECTORS PLATES/PUZZLE-PLATES™ DETAILED DRAWINGS >>



BOX GROUNDING PRODUCTS



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

984,
997 #14 Wire

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 guage copper conductor or No. 12 and 10 guage aluminum conductor
- Only one solid ground wire to be installed per ground clip

COMPLIANCE

- File E195975 (975, 8975-1)

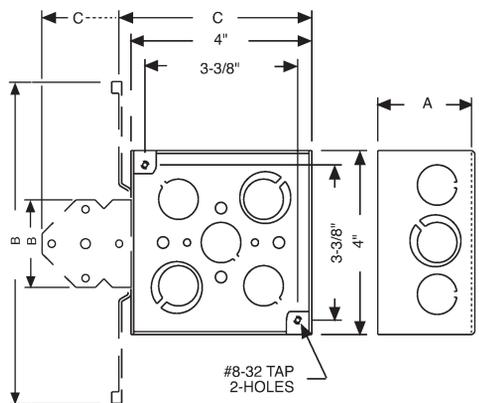
CAT. #		DESCRIPTION	STD. PKG.	UPC BAR CODE
WIRE	LENGTH			
Grounding Pigtails				
982	994	#14 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw one end (25 pc. bundles)	1000	—
983	996	#12 Solid insulated copper wire, captive 4-way combo head green dye finish ground screw 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	997	#14 Solid bare copper wire, captive 4-way combo head green dye finish ground screw one end (25 pc. 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	—

CAT. #	DESCRIPTION	STD. PKG.	UPC BAR CODE
Grounding Screws and Clips			
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*	

*Order standard package bag quantities only, not per piece

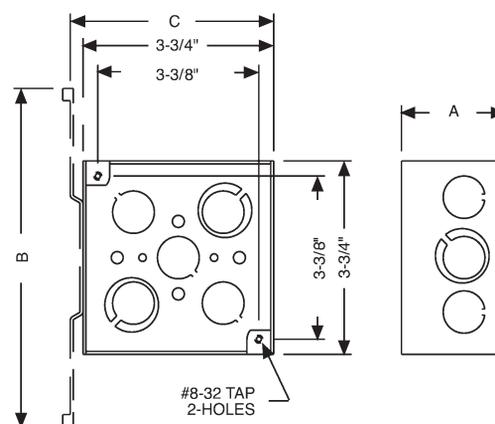
SQUARE BOXES

4" SQUARE CONDUIT BOXES



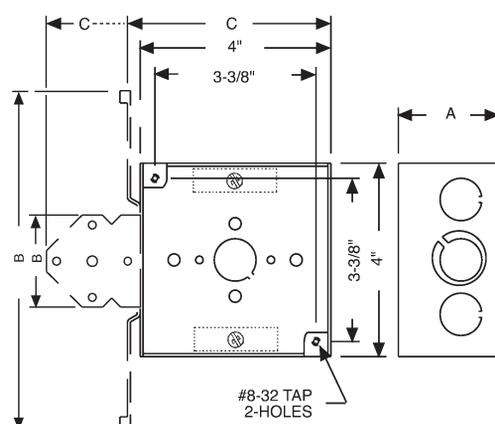
CAT. #	DIMENSIONS		
	A (INSIDE)	B	C
181	1-1/2"	-	-
185	1-1/4"	-	-
187	1-1/2"	-	-
199	1-1/2"	6-7/8"	4-3/8"
202	1-1/2"	-	-
204	1-1/2"	-	-
207	2-1/8"	-	-
226	1-1/2"	-	-
227	1-1/2"	4-5/8"	5-1/2"
236	2-1/8"	7-5/8"	4-3/8"
237	2-1/8"	7-5/8"	4-3/8"
238	2-1/8"	4-5/8"	5-1/2"
239	2-1/8"	-	-
251	2-1/8"	1-31/32"	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"
189HS	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"	-	-
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"
232HS	2-1/8"	3-1/8"	4-15/16"
232HWP	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

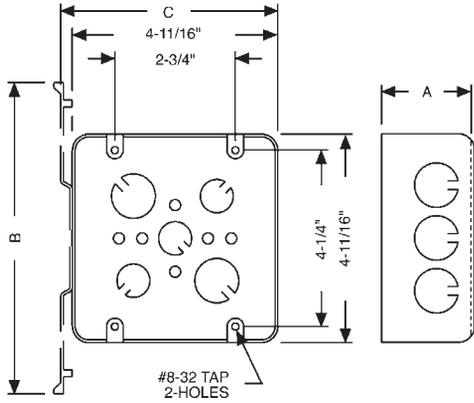


CAT. #	DIMENSIONS		
	A (INSIDE)	B	C
223	1-1/2"	6-7/8"	4-3/8"
224	1-1/2"	1-31/32"	6"
225	1-1/2"	1-31/32"	6"
228	1-1/2"	4-5/8"	5-1/2"
229	1-1/2"	4-5/8"	5-1/2"
242	2-1/8"	-	-
243	2-1/8"	4-5/8"	5-1/2"
248	1-1/2"	-	-
249	2-1/8"	1-31/32"	6"
211, 8211	1-1/2"	-	-
213, 8213	1-1/2"	-	-
213HWP	1-1/2"	3-1/8"	4-15/16"
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"



SQUARE BOXES

4-11/16" SQUARE CONDUIT BOXES

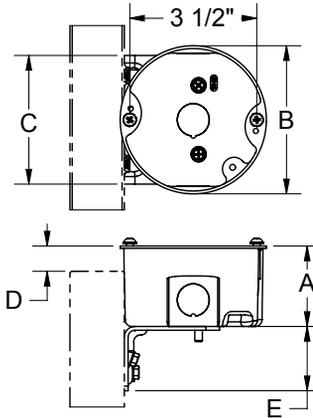


CAT. #	DIMENSIONS		
	A (INSIDE)	B	C
245	1-1/2"	-	-
246	1-1/2"	-	-
247	1-1/2"	-	-
250	1-1/2"	-	-
254	2-1/8"	7-5/8"	5-1/16"
258	2-1/8"	-	-
259	2-1/8"	-	-
260	3-1/4"	-	-
262	2-1/8"	-	-
266	2-1/8"	4-5/8"	6-3/16"
257, 8257	2-1/8"	-	-
257F	2-1/8"	-	-
257H	2-1/8"	-	-
257HS	2-1/8"	-	-
257M	2-1/8"	-	-
257SM	2-1/8"	-	-
258SM	2-1/8"	-	-
265, 8265	2-1/8"	-	-
911-12	2-1/8"	-	-
911-15	3-1/4"	-	-

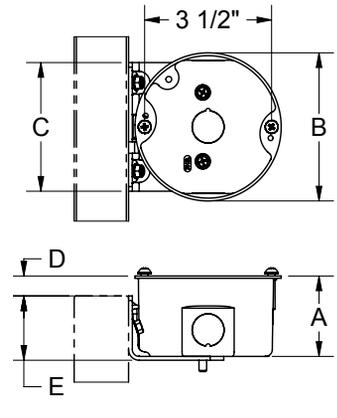
CEILING FAN SUPPORT PRODUCTS

CEILING FAN SUPPORT BOXES

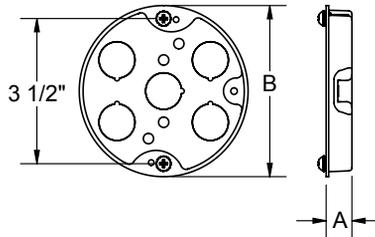
291-1, 294, 294-1 (New Work)



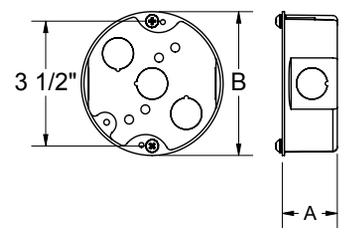
294, 294-1 (Old Work)



295 and 295-1



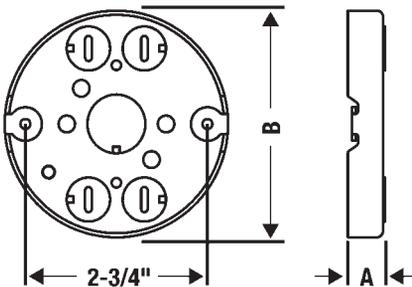
296 - 299



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"	-	-	-

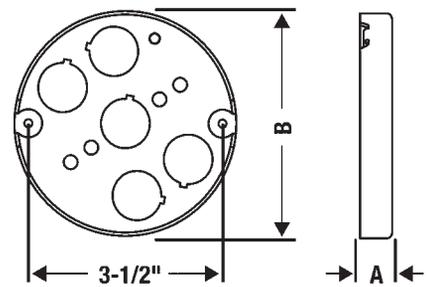
CEILING PANS

CEILING PANS - 3-1/2"
287, 292 AND 8292



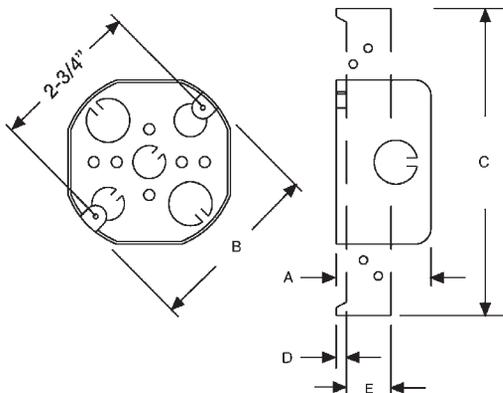
CAT. #	DIMENSIONS	
	A (INSIDE)	B
287	11/16"	3-3/8"
292	1/2"	3-3/8"
8292	1/2"	3-3/8"
293	1/2"	4"
8293	1/2"	4"

CEILING PANS - 4"
293 and 8293

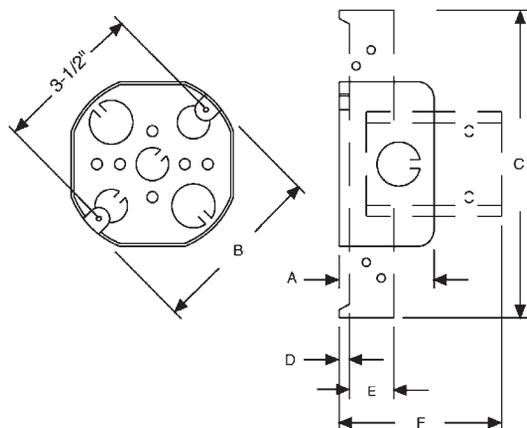


OCTAGON BOXES

3-1/2" OCTAGON BOXES



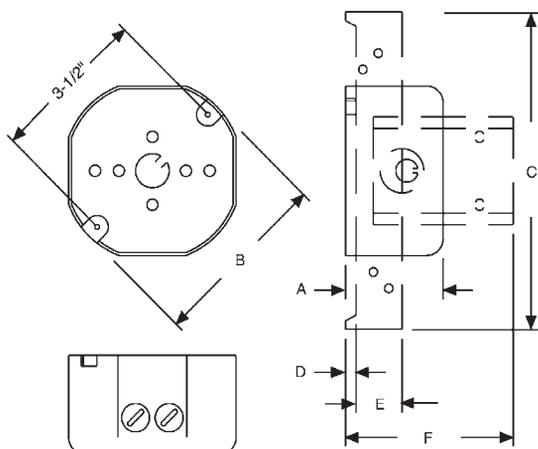
4" OCTAGON CONDUIT BOXES



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"

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"	-	-	-	-
127TS	1-1/2"	4"	7"	1/2"	1-1/16"	-
128	1-1/2"	4"	-	-	-	-
130	1-1/2"	4"	-	-	-	-
131RAC	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"	-

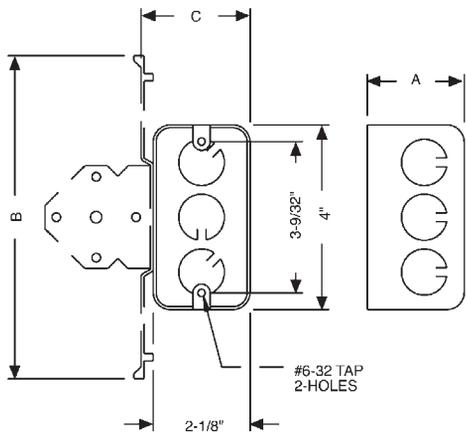
4" OCTAGON CABLE BOXES



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"	-

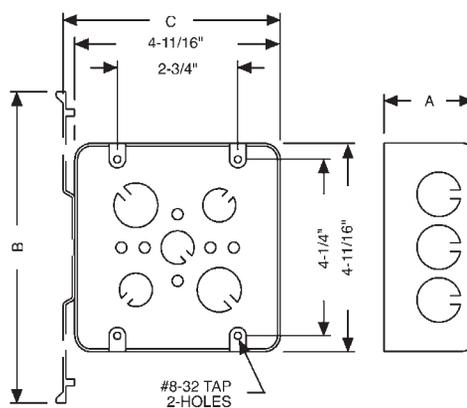
HANDY BOXES AND SWITCH BOXES

HANDY BOXES



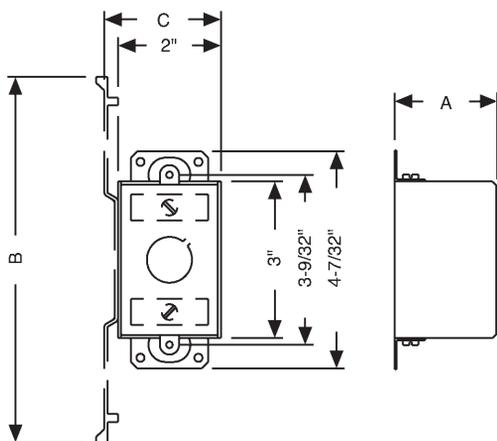
CAT. #	DIMENSIONS		
	A (INSIDE)	B	C
661	1-7/8"	6-7/16"	2-7/32"
662	1-7/8"	7"	2-3/8"
655	1-1/2"	1-31/32"	4-1/8"
670RAC	2-1/8"	-	-
8670	2-1/8"	-	-
674	2-1/8"	-	-
678	2-1/8"	7"	2-3/8"
650, 8650	1-1/2"	-	-
650CSA	1-1/2"	-	-
653	1-1/2"	-	-
660, 8660	1-7/8"	-	-
611	1-7/8"	-	-
660SM	1-7/8"	-	-
663, 8663	1-7/8"	-	-
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"

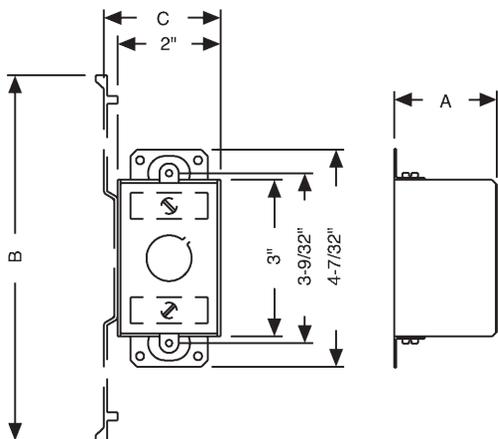
SINGLE GANG AND GANGABLE CONDUIT SWITCH BOXES



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"	-	-
505	2-1/2"	7"	2-13/64"
506	2-1/2"	-	-
508	2-1/2"	-	-
509	2-1/2"	-	-
560	2-3/4"	-	-
561	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"	-	-

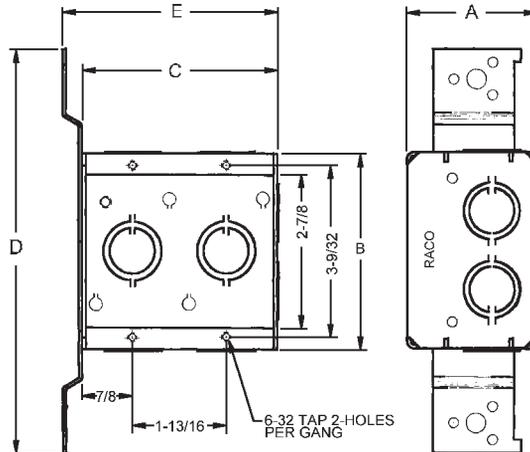
SWITCH BOXES

SINGLE GANG AND GANGABLE CABLE SWITCH BOXES



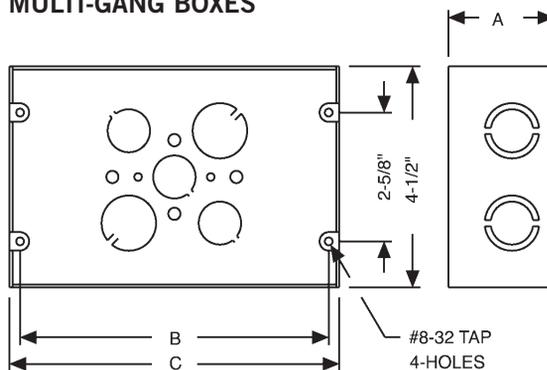
CAT. #	DIMENSIONS		
	A (INSIDE)	B	C
410	1-1/2"	-	-
440	2"	-	-
445	2"	-	-
471	2-1/4"	-	-
473	2-1/4"	-	-
487	2-1/4"	-	-
512	2-1/2"	-	-
517	2-1/2"	-	-
518	2-1/2"	-	-
519	2-1/2"	-	-
522	2-1/2"	1-31/32"	5-3/64"
523	2-1/2"	-	-
526	2-1/2"	1-3/8"	3-13/32"
528	2-1/2"	-	-
529	2-1/2"	1-31/32"	5-3/64"
531	2-1/2"	7"	2-13/64"
540	2-1/2"	1-31/32"	4"
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"	-	-
601G	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

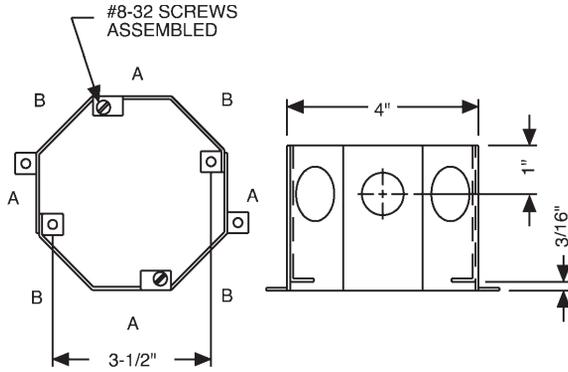


CAT. #	DIMENSIONS		
	A (INSIDE)	B	C
941	2-1/2"	6-3/8"	6-13/16"
942	2-1/2"	8-3/16"	8-5/8"
943	2-1/2"	10"	10-7/16"
944	2-1/2"	11-13/16"	12-1/4"
945	2-1/2"	13-5/8"	14-1/16"
951	1-5/8"	6-3/8"	6-13/16"
952	1-5/8"	8-3/16"	8-5/8"
953	1-5/8"	10"	10-7/16"
954	1-5/8"	11-13/16"	12-1/4"
955	1-5/8"	13-5/8"	14-1/16"
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"



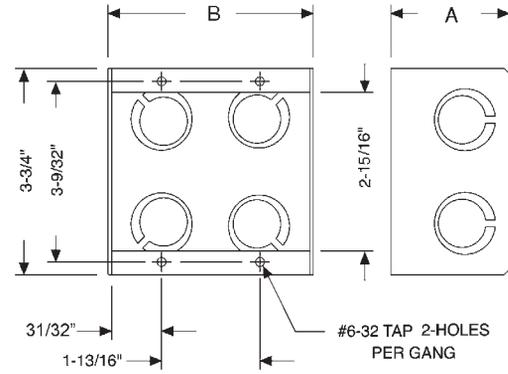
CONCRETE RINGS AND MASONRY BOXES

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"