

CEILING FAN SUPPORT PRODUCTS



Application

- The RACO® 7120, and 7120-1 are premium boxes for rugged new work, old work ceiling fan and fixture installations

Product Features

- The 7120, and 7120-1 are made of heavy-duty engineered polycarbonate plastic 7120VB for vapor barrier applications
- Rated for 70 pound ceiling fan and 210 pound fixture support
- Self-gripping wire entry clamps
- Grips the joist for hands free positioning and installation
- Designed to accommodate 1/2" thick drywall
- Mounting hardware and instructions included

Reference Data

- Cable clamp U.S. Patent 4,874,905 & 4,605,816; Canada Patent 1,233,900
- Mounting holes U.S. Patent 4,580,689; Canada Patent 1,237,515
- Hex device holes U.S. Patent 4,666,055; Canada Patent 1,260,599
- Cat. #7120 U.S. Patent 5,234,119; Mexico Patent 179,825

Compliances

- UL – Standard 514-C, File E104681 and R9320
- RACO® 7120, 7120-1 and 7120VB are UL listed for nonmetallic wiring systems
- Boxes are listed for their Electrical Applications (Electrical Codes), UL Green Book
- Boxes are listed for mechanical properties, including the 2-hr. Fire Rating, (building codes) UL Orange Book
- Federal Manufacturer's number 28488



7120VB

7120-1
SADDLE BOX®7120
SADDLE BOX®

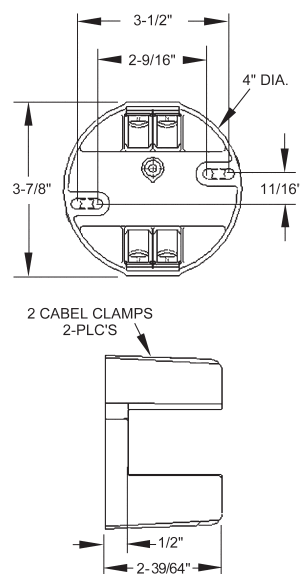
ORDERING INFORMATION - DIMENSIONS

4" ROUND CEILING FAN AND FIXTURE BOX – SADDLE BOX® FOR NONMETALLIC SHEATHED CABLE OR CONDUIT – 12.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION	CABLE CLAMPS	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
						CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
7120VB	Ceiling box	4	12.5	24*		70	210
7120	SADDLE BOX®	4	12.5	20*		70	210
7120-1	SADDLE BOX®	4	12.5	24		70	210

*Packaged in a stackable, individual chipboard box suitable for shelf display

SADDLE BOX®



CEILING FAN AND FIXTURE SUPPORT PRODUCTS

1/2", 1-1/2" AND 2-1/8" DEEP



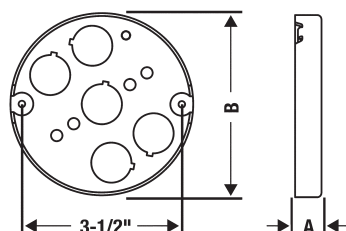
Application

- RACO® Ceiling Support Boxes are specifically designed for ceiling fan and ceiling or wall light fixture support

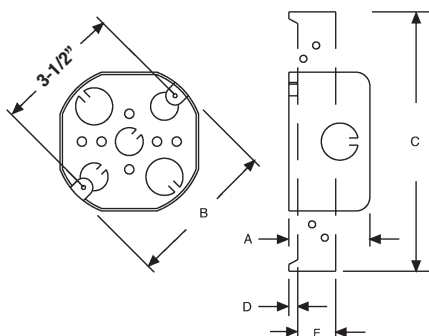
Product Features

- See page B87 for **THE INSIDER®** (part #4714) nonmetallic sheathed cable connector information
- Mounting hardware and instructions are included

4" ROUND PAN



4" OCTAGON BOXES



Compliance

- UL – File E195978



295-1, w/4714 THE INSIDER®



294, 295, 296, 299



294-1



299



296-1

ORDERING INFORMATION - DIMENSIONS

4" ROUND CEILING FAN PAN - 1/2" DEEP – DRAWN WITH CONDUIT KO'S
6.0 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		CABLE	BOTTOM COND.			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
295-1	—	INSIDER	5-1/2"	10	—	70	150
295*	—	INSIDER	5-1/2"	10		70	150

4" OCTAGON CEILING FAN BOX – 1-1/2" AND 2-1/8" DEEP – DRAWN WITH INSIDER®
CONNECTOR FOR NONMETALLIC SHEATHED CABLE

CATALOG NUMBER	BOX DEPTH	BOX VOL. CU. IN.	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
			CABLE	SIDES COND.	BOTTOM COND.			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
296-1	1-1/2"	15.5	INSIDER	4-1/2"	3-1/2"	20	—	70	150
296*	1-1/2"	15.5	INSIDER	4-1/2"	3-1/2"	8		70	150
299*	2-1/8"	21.5	INSIDER	4-1/2"	3-1/2"	6		70	150

4" OCTAGON CEILING FAN BOX – 2-1/8" DEEP – DRAWN WITH INSIDER® CONNECTOR FOR
NONMETALLIC SHEATHED CABLE – 21.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		CABLE	SIDES COND.	BOTTOM COND.			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
294-1	FA brkt., 1/2"	INSIDER	3-1/2"	3-1/2"	10	—	70	150
294*	FA brkt., 1/2"	INSIDER	3-1/2"	3-1/2"	10		70	150

REPLACEMENT HARDWARE – FAN MOUNTING SCREWS

CATALOG NUMBER	DESCRIPTION	SHIP CARTON QTY.	INNER PACK QTY.
8994*	#10-32 x 1-3/8" replacement screws for RACO catalog numbers 295, 295-1	500	50
8995*	#10-32 x 2-3/8" replacement screws for RACO catalog numbers 296, 296-1	300	30
8996*	#10-32 x 3-1/8" replacement screws for RACO catalog numbers 294, 294-1, 299	250	25

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E
294, 294-1	2-1/8"	4"	5-1/2"	1/2"	2-1/4"
295, 295-1	1/2"	4"	—	—	—
296, 296-1	1-1/2"	4"	—	—	—
299	2-1/8"	4"	—	—	—

* Packaged in a stackable, individual chipboard box suitable for shelf display. 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. B87)

CEILING FAN SUPPORT PRODUCTS



Brace Applications

- RACO® RETRO-BRACE® is intended for installations of heavy lighting fixtures or ceiling paddle fans in old work or new work applications
- KWIK-BRACE® is for new work installations where the ceiling drywall has not been installed
- They are ideal for heavy lighting fixtures and ceiling paddle fans

Brace Product Features

- RETRO-BRACE is adjustable for joist spacing from 16" to 24"
- RETRO-BRACE - Simple "tool free" expansion of brace
- RETRO-BRACE has preset support brackets
- Easy-to-follow instructions and mounting hardware included
- KWIK-BRACE slides apart to accommodate joist spacing from 16" to 24"
- Nailing spurs allow for easy brace positioning
- Outlet box can be positioned in any location along its length
- Simple fastener for tightening outlet box and brace
- See page B87 for **THE INSIDER®** (part #4714) nonmetallic sheathed cable connector information

Concrete Ring Application

- Concrete rings are used with poured deck (floor) in high-rise construction

GORILLA RING® Product Features

- 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

- – File E195978



923, 924
KWIK-BRACE®
w/4714 THE INSIDER®



936, 937
RETRO-BRACE®
w/4714 THE INSIDER®



926 - 926-1
KWIK-BRACE®



927, 928 KWIK-BRACE®
w/4714 THE INSIDER®



284
GORILLA-RING®

ORDERING INFORMATION - DIMENSIONS

REMODELING BRACES FOR LIGHTING FIXTURES OR CEILING FANS – RETRO-BRACE WITH BOX

CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS ^①	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
936*	1-1/2" Deep Box Remodeling Kit	15.5	6		70/35	110/50
937*	2-1/8" Deep Box Remodeling Kit	21.5	4		70/35	110/50

① 70/110 ratings @ 16" span; 35/50 ratings @ 24" spans

NEW CONSTRUCTION BRACES FOR LIGHTING FIXTURES OR CEILING FANS
KWIK-BRACE WITH BOX

CATALOG NUMBER	DESCRIPTION	CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS ^②	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
923	1/2" Deep box	6.0	18		70	210/90
924*	1/2" Deep box	6.0	6		70	210/90
926-1	1-1/2" Deep box	15.5	12		70	210/90
926*	1-1/2" Deep box	15.5	6		70	210/90
927	2-1/8" Deep box	21.5	12		70	210/90
928*	2-1/8" Deep box	21.5	6		70	210/90

② 70/210 ratings @ 16" span; 70/90 ratings @ 24" spans

REPLACEMENT HARDWARE – FAN MOUNTING SCREWS

CATALOG NUMBER	DESCRIPTION	SHIP CARTON QTY.	INNER PACK QTY.
8994*	#10-32 x 1-3/8" replacement screws for RACO catalog numbers 295, 295-1, 923, 924	500	50
8995*	#10-32 x 2-3/8" replacement screws for RACO catalog numbers 296, 926, 936	300	30
8996*	#10-32 x 3-1/8" replacement screws for RACO catalog numbers 294, 299, 928, 937	250	25

CONCRETE RING - 4" DEEP – FOR CEILING FAN SUPPORT – GORILLA RING

CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			CU. IN. CAP.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.					
284	RACO 890 or 892 cover must be ordered separately	—	Double row 1/2" & 3/4"	—	49.3	6	—	35	70

* Packaged in a stackable, individual chipboard box suitable for shelf display. *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. B87)

1/2" AND 3/4" DEEP - 3-1/2" and 4" ROUND

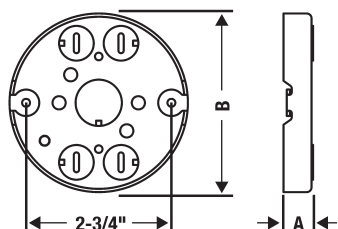
Application

- Ceiling pans are used in the installation of ceiling or wall lighting fixtures

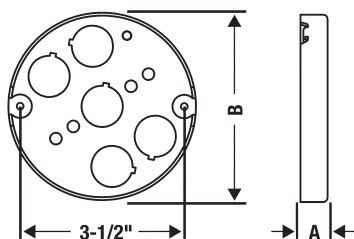
Product Features

- Combination screw heads provide for faster installation
- See page B87 for **THE INSIDER®** (part #4714) nonmetallic sheathed cable connector information

3-1/2" ROUND PAN



4" ROUND PAN



Compliance

- UL – File E195978



292, 8292



287



293, 8293

295, 295-1,
w/4714 THE INSIDER®

703, 8703-5

ORDERING INFORMATION - DIMENSIONS

3-1/2" ROUND PAN – 1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 4.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.				
292	Round ceiling pan	4 priouts	1-1/2"	50	—	No	50
8292	Round ceiling pan	4 priouts	1-1/2"	50		No	50

3-1/2" ROUND PAN – 11/16" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 5.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.				
287	Round ceiling pan	4 priouts	1-1/2"	50	—	No	50

4" ROUND CEILING FAN AND FIXTURE PAN – 1/2" DEEP – DRAWN WITH CONDUIT KO'S 6.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.				
293	Round ceiling pan	—	5-1/2"	50	—	No	50
8293	Round ceiling pan	—	5-1/2"	50		No	50
295-1*	Round ceiling pan	INSIDER	5-1/2"	10	—	70	150
295*	Round ceiling pan	INSIDER	5-1/2"	10		70	150

3-1/2" ROUND COVER			
CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE
703	Flat, 1/2" KO in center	25	
8703-5	Flat, 1/2" KO in center	50*	

*5 Bundles of 10

DIMENSIONS		
CATALOG NUMBER	A (INSIDE)	B
292, 8292	1/2"	3-3/8"
287	11/16"	3-3/8"
293, 8293	1/2"	4"
295, 295-1	1/2"	4"

* Packaged in a stackable, individual chipboard box suitable for shelf display. Sold in master carton quantities only. Hubbell® RACO® does not break carton quantities on these items



3-1/2" OCTAGON BOXES

1-1/2" DEEP

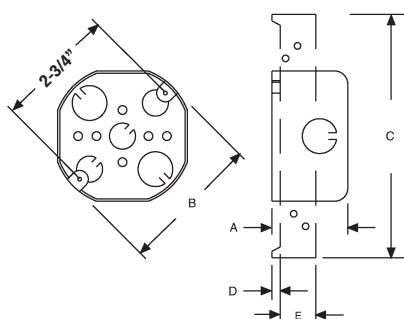
Applications

- 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

3-1/2" OCTAGON BOXES



Compliance

- UL – File E195978



110



112



119



111

ORDERING INFORMATION - DIMENSIONS

3-1/2" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 11.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.				
110	—	4-1/2"	1-1/2"	25		No	50

3-1/2" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 11.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
112	—	4	2-1/2"	1-1/2"	25		No	50
119	TS brkt., 1/2"	4	1-1/2"	1-1/2"	25		No	50

3-1/2" OCTAGON EXTENSION RING – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 11.8 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE
		SIDES COND.	BOTTOM COND.		
111	Extension ring	4-1/2"	—	25	

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E
110	1-1/2"	3-1/2"	—	—	—
112	1-1/2"	3-1/2"	—	—	—
119	1-1/2"	3-1/2"	7"	1/2"	1-1/16"
111	1-1/2"	3-1/2"	—	—	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

4" OCTAGON BOXES AND EXTENSIONS

1-1/2" DEEP/CONDUIT

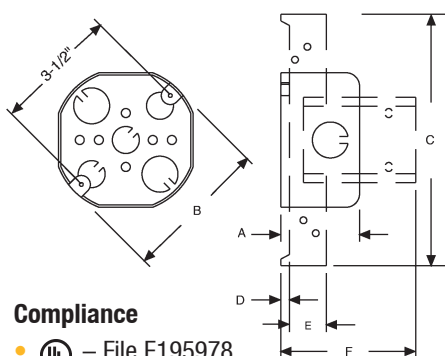
Application

- Octagon boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

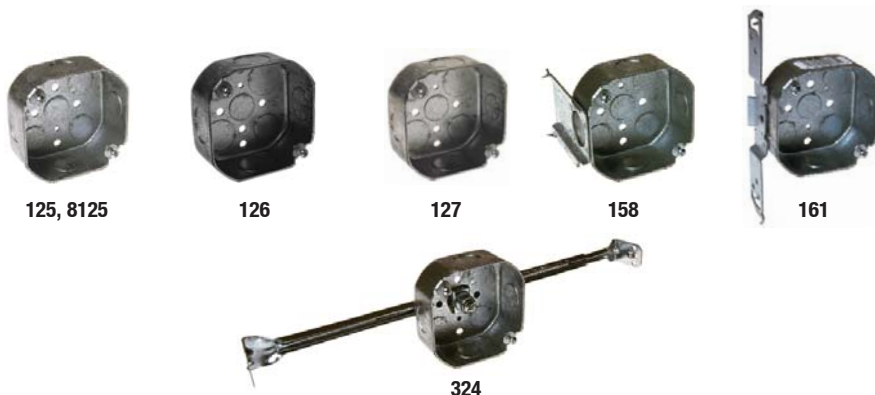
- Combination screw heads provide for faster installation
- Reference the Box Selection section in the front of this catalog for complete description of bracket types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- RACO® 324 includes 3/8"-18 NPS trade sized stud to accommodate fixture stem. Locknut is not required for mounting box

4" OCTAGON BOXES



Compliance

- UL – File E195978



ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RAISED GROUND PROVISION	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.					
125	—	4-1/2"	5-1/2"	50	—	—	No	50
8125	—	4-1/2"	4-1/2"	50		Yes	No	50
126	—	4-3/4"	2-1/2" 2-3/4"	50	—	Yes	No	50
127	—	2-1/2" 2-3/4"	2-1/2" 2-3/4"	50		Yes	No	50
158	J brkt., 3/8" or 1/2"	4-1/2"	5-1/2"	50		—	No	50
161	TS brkt., 1/2"	3-1/2"	5-1/2"	50		—	No	50

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
125, 8125	1-1/2"	4"	—	—	—	—
126	1-1/2"	4"	—	—	—	—
127	1-1/2"	4"	—	—	—	—
158	1-1/2"	4"	2-3/8"	—	—	3-1/8"
161	1-1/2"	4"	7"	1/2"	1-1/16"	—

4" OCTAGON BOX WITH BAR HANGER – 1-1/2" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.				
324*	3/8" Stud, adj. 14-1/4" to 22-1/2"	4-1/2"	4-1/2"	25		No	50

*UL Rated at 16" on center joist



4" OCTAGON BOXES

1-1/2" DEEP WITH NONMETALLIC CABLE CLAMPS

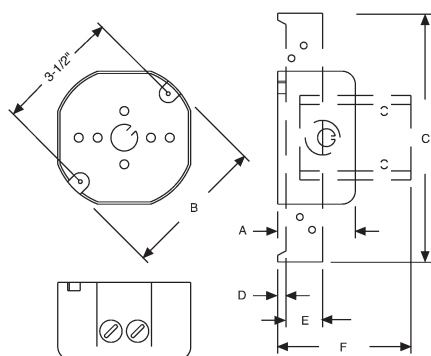
Application

- 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 and clamp types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- RACO® 326, 8326 includes 3/8"-18 NPS trade sized stud to accommodate fixture stem. Locknut not required to mount box
- Combination screw heads provide for faster installation

4" OCTAGON BOXES



Compliance

- UL – File E195978



146, 8146



145



150



160



164



326, 8326

ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
146	—	4	2-1/2"	1-1/2"	50	—	No	50
8146	—	4	2-1/2"	1-1/2"	50		No	50
145	Side holes, 1/8" & 1/4"	4	2-1/2"	1-1/2"	50	—	No	50
150	Ears	4	2-1/2"	1-1/2"	50		No	50
160	J brkt., 3/8" or 1/2"	4	2-1/2"	1-1/2"	50		No	50
164	TS brkt., 1/2"	4	1-1/2"	1-1/2"	50		No	50

4" OCTAGON WITH BAR HANGER – 1-1/2" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 15.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
326*	3/8" Stud, adj. 14-1/4" to 22-1/2"	4	2-1/2"	—	25	—	No	50
8326*	3/8" Stud, adj. 14-1/4" to 22-1/2"	4	2-1/2"	—	25		No	50

*UL Rated at 16" on center joist

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
146, 8146	1-1/2"	4"	—	—	—	—
145	1-1/2"	4"	—	—	—	—
150	1-1/2"	4"	—	—	—	—
160	1-1/2"	4"	2-3/8"	—	—	3-1/8"
164	1-1/2"	4"	7"	1/2"	1-1/16"	—

1-1/2" DEEP WITH ARMORED CABLE CLAMPS

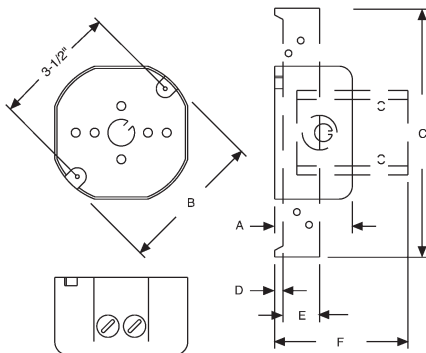
Applications

- Octagon boxes are used in the installation of ceiling or wall lighting fixtures

Product Features

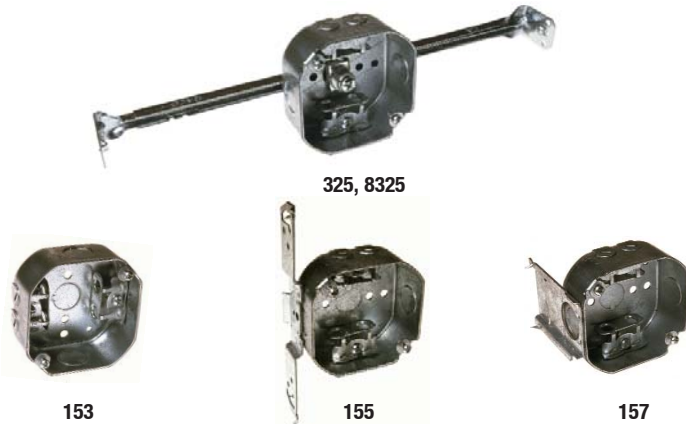
- RACO® offers a variety of labor saving mounting brackets that allow for easy positioning of box along studs or joists
- Reference the Box Selection section in the front of this catalog for complete description of bracket and clamp types and features
- Fixture bar hanger allows box to be located anywhere along length of bar
- RACO® 325, 8325 includes 3/8"-18 NPS trade sized stud to accommodate fixture stem. Locknut not required to mount box

4" OCTAGON BOXES



Compliance

- UL – File E195978



ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX WITH BAR HANGER – 1-1/2" DEEP – DRAWN WITH ARMORED CABLE/ METAL CLAD/FLEX CLAMPS – 15.5 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
325*	3/8" Stud, adj. 14-1/4" – 22-1/2"	4	2-1/2"	—	25	—	No	50
8325*	3/8" Stud, adj. 14-1/4" – 22-1/2"	4	2-1/2"	—	25		No	50

*UL Rated at 16" on center joist

4" OCTAGON BOX – 1-1/2" DEEP – DRAWN WITH ARMORED CABLE/METAL CLAD/ FLEX CLAMPS – 15.5 CUBIC INCHES								
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM COND.			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.					
153	—	4	2-1/2"	1-1/2"	25		No	50
155	TS brkt., 1/2"	4	1-1/2"	1-1/2"	50		No	50
157	J brkt., 3/8" or 1/2"	4	2-1/2"	1-1/2"	50		No	50

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
153	1-1/2"	4"	—	—	—	—
155	1-1/2"	4"	7"	1/2"	1-1/16"	—
157	1-1/2"	4"	2-3/8"	1/2"	—	3-1/8"

4" OCTAGON BOXES

2-1/8" DEEP/CONDUIT

Application

- Octagon boxes are used in the installation of ceiling or wall lighting fixtures



166



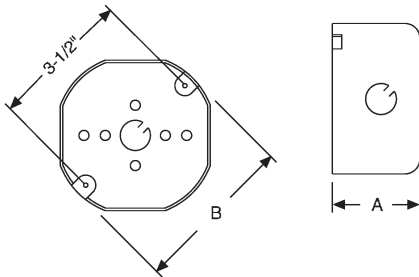
167



165

ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOXES



Compliance

- UL – File E195978

4" OCTAGON BOX – 2-1/8" DEEP (INSIDE) – DRAWN WITH CONDUIT KNOCKOUTS – 21.5 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES	BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		COND.	COND.				
165	—	4-1/2"	5-1/2"	50	—	No	50
166	—	4-3/4"	3-1/2" 2-3/4"	50	—	No	50
167	—	2-1/2" 2-3/4"	2-3/4" 3-1/2"	50		No	50

DIMENSIONS		
CATALOG NUMBER	A (INSIDE)	B
165	2-1/8"	4"
166	2-1/8"	4"
167	2-1/8"	4"



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

2-1/8" DEEP WITH NONMETALLIC CABLE CLAMPS

Application

- 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

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



175



176



177



128

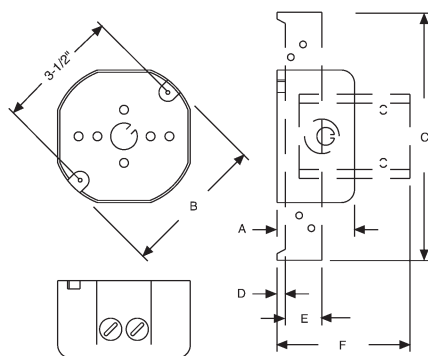


130



131RAC

4" OCTAGON BOXES



ORDERING INFORMATION - DIMENSIONS

4" OCTAGON BOX – 2-1/8" DEEP – DRAWN WITH NONMETALLIC SHEATHED CABLE CLAMPS – 21.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
		SIDES		BOTTOM			CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
		CABLE	COND.	COND.				
175	—	4	2-1/2"	1-1/2"	50		No	50
176	J brkt., 5/8"	4	2-1/2"	1-1/2"	25		No	50
177	TS brkt., 1/2"	4	1-1/2"	1-1/2"	25	—	No	50

4" OCTAGON EXTENSION RINGS – 1-1/2" DEEP – DRAWN WITH CONDUIT KO'S – 15.5 CU. IN.

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS SIDES COND.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
128	Extension ring	4-1/2"	25		NO	50
130	Extension ring	2-1/2", 2-3/4"	50		NO	50
131RAC	Extension ring	4-3/4"	25		NO	50

Compliance

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

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C	D	E	F
128	1-1/2"	4"	—	—	—	—
130	1-1/2"	4"	—	—	—	—
131RAC	1-1/2"	4"	—	—	—	—
175	2-1/8"	4"	—	—	—	—
176	2-1/8"	4"	2-3/8"	5/8"	—	3-1/8"
177	2-1/8"	4"	7"	1/2"	1-1/16"	—

OCTAGON AND ROUND COVERS

Applications

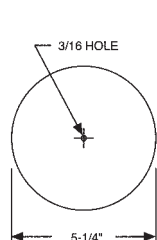
- Covers are used to close an outlet box
- Switches or receptacles may be installed into octagon boxes by using covers 729 or 731
- Raised covers are used for mounting lighting fixtures
- 5" Round closure plates are designed for use in dry locations for closure at unused ceiling outlets

Product Features

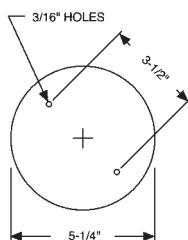
- 5" Round covers feature state-of-the-art powder coat paint finish which provides a light texture finish and scratch resistance
- Swivel cover restricted to 20° swing from vertical
- KWIK-HANG® allows easy installation of high bay lighting fixtures. Fixture nests in cover while wiring is completed

ROUND CLOSURE PLATES

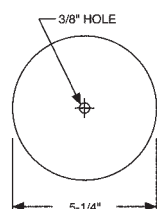
CAT. NO. 5652-1



CAT. NO. 5653-1



CAT. NO. 5654-1



Compliance

- UL – File E195978
- SR – File LR-1082 (722, 729, 731)



ORDERING INFORMATION - DIMENSIONS

4" OCTAGON AND ROUND COVERS

CATALOG NUMBER	DESCRIPTION	CU. IN.	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
					CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
722	Flat, blank	—	50	—	No	No
8722-5	Flat, blank	—	50*		No	No
724	Flat, 1/2" KO	—	50		No	No
8724-5	Flat, 1/2" KO	—	50*		No	No
729	Flat, toggle switch	—	50		No	No
731	Flat, duplex receptacle	—	25		No	No
8731-5	Flat, duplex receptacle	—	50*		No	No
737	Raised 1/2", open, ears 2-3/4" O.C.	3.3	25		No	50
727	Raised 5/8", open, ears 2-3/4" O.C.	3.8	25		No	50
732	Raised 1", open, ears 2-3/4" O.C.	6.5	25	—	No	50

*5 Bundles of 10

SWIVEL FIXTURE, SUPPORT COVERS

CATALOG NUMBER	DESCRIPTION	STD. PKG.	UPC BAR CODE	RECOMMENDED MAX. SUPPORT LOADS	
				CEILING FAN (DYNAMIC) LBS.	FIXTURE (STATIC) LBS.
894	KWIK-HANG®, For 3-1/2" or 4" octagon boxes, 1/2" or 3/4" conduit	25		No	50
895	For 3-1/2" or 4" octagon boxes, 1/2" or 3/4" conduit	25		No	50

5" ROUND STEEL CLOSURE PLATES

CATALOG NUMBER	COLOR	DESCRIPTION TYPE	PKG. PKG.	STD. BAR CODE	UPC
5652-1	Off-white	Screw & 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 & universal mount strap	Shrink	10	—

Applications

- 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
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- 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

Compliances

- UL – 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



ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 1-1/4" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 18.0 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIG-TAIL	UPC BAR CODE
		SIDES COND.	BOTTOM COND.				
185	—	10-1/2"	5-1/2"	50	No	No	

4" SQUARE – 1-1/2" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 21.0 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIG-TAIL	UPC BAR CODE
		SIDES	BOTTOM				
		COND.	COND.				
190	—	12-1/2"	4-1/2"	50	Yes	No	
8190	—	12-1/2"	4-1/2"	50	Yes	No	
191	—	8-3/4"	1-1/2", 3-3/4"	50	Yes	No	
8191	—	8-3/4"	1-1/2", 3-3/4"	25	Yes	No	
192	—	8-1/2", 4-3/4"	2-1/2", 2-3/4"	50	Yes	No	
8192	—	8-1/2", 4-3/4"	2-1/2", 2-3/4"	50	Yes	No	
192SM	—	8-1/2", 4-3/4"	2-1/2", 2-3/4"	50	Yes	Yes	

4" SQUARE – 1-1/2" DEEP (INSIDE) – WELDED WITH CONDUIT KO'S – 21.0 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIG-TAIL	UPC BAR CODE
		SIDES COND.	BOTTOM COND.				
181	—	8-3/4"	1-1/2", 4-3/4"	50	No	No	—
189	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	50	Yes	No	—
8189	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	50	No	No	
189SM	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	50	Yes	Yes	—
189F	Yes	8-1/2", 4-TKO®	2-1/2", 2-TKO®	50	Yes	Yes	—
911-9	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	50	No	No	—

4" SQ. – THRU-THE-WALL BOX – 1-1/2" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 22.5 CU. IN.

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		CU. IN.	STD. PKG.	PIG-TAIL	UPC BAR CODE
		SIDES COND.	BOTTOM COND.				
204	—	8-1/2", 4-3/4"	—	22.5	50	No	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

4" SQUARE BOXES

1-1/2" DEEP/CONDUIT

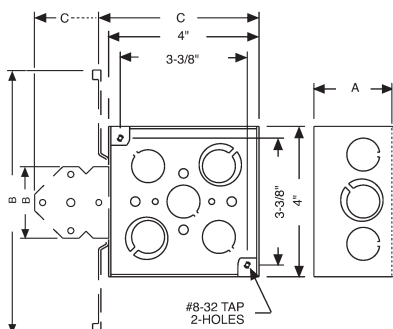
Applications

- 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 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. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- 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"

4" SQUARE BOXES

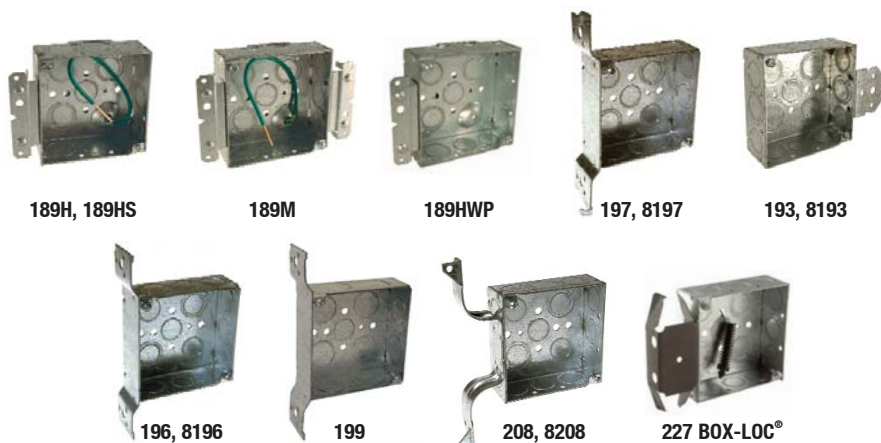


Compliances

- UL – 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



ORDERING INFORMATION - DIMENSIONS

4" SQUARE BRACKETED BOXES – 1-1/2" DEEP – WELDED WITH CONDUIT KO'S – 21.0 CUBIC INCHES

ELECTRICAL DATA									
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UBS SUP- PORT	PIG- TAIL	RSD. GRND. PRVSN.	UPC BAR CODE	
		SIDES	BOTTOM						
		COND.	COND.						
600V	189H	HM	6-1/2", 3 – TKO®	2-1/2", 2 – TKO®	20	Yes	Yes	Yes	—
	189HS*	HM	6-1/2", 3 – TKO®	2-1/2", 2 – TKO®	20	Yes	Yes	Yes	—
600V	189M	HM	4-1/2", 2 – TKO®	2-1/2", 2 – TKO®	20	Yes	Yes	Yes	—
600V	189HWP	HM	6-1/2", 3 – TKO®	2-1/2", 2 – TKO®	20	Yes	No	Yes	—
600V	193	B, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	—	No	—	—
600V	8193	B, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	10	—	No	—	
600V	196	FM, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	—	No	—	—
600V	8196	FM, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	—	No	—	
600V	197	FH, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	—	No	—	—
600V	8197	FH, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	—	No	—	
600V	199	FM, flush	6-3/4"	1-1/2", 4-3/4"	25	—	No	—	—
600V	208	W, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	—	No	—	—
	8208	W, flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	—	No	—	
600V	227	BOX-LOC® (MS) flush	6-1/2", 3 – TKO®	3-1/2", 2 – TKO®	25	Plastic	No	—	

*Box has stranded pigtail assembled

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C
189H	1-1/2"	3-1/8"	4-5/16"
189HS	1-1/2"	3-1/8"	4-5/16"
189M	1-1/2"	3-1/8"	4-5/16"
189HWP	1-1/2"	3-1/8"	4-5/16"
193, 8193	1-1/2"	1-31/32"	6"
196, 8196	1-1/2"	6-7/8"	4-3/8"
197, 8197	1-1/2"	7-3/8"	4-3/8"
199	1-1/2"	6-7/8"	4-3/8"
208, 8208	1-1/2"	6-13/16"	5-15/16"
227	1-1/2"	4-5/8"	5-1/2"



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

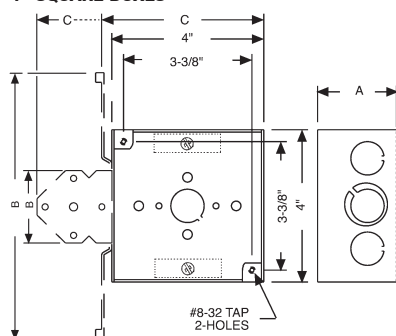
Applications

- 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 Box Selection section in the front of this catalog for complete description of bracket and clamp 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. Barbed hooks dig into the flat side of 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

4" SQUARE BOXES



Compliances

- UL – 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



213, 8213



218, 8218



219



229 BOX-LOC®



224



213HWP

ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 1-1/2" DEEP – WELDED WITH ARMORED CABLE/METAL CLAD/FLEX CLAMPS – 21.0 CUBIC INCHES

	CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			UBS SUP- PORT	STD. PKG.	UPC BAR CODE
			SIDES		BOTTOM			
			CABLE	COND.	COND.			
600V	213	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50	—
600V	8213	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50	
600V	219	FH, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—
600V	224	B, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—
600V	218	FM, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—
600V	8218	FM, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	
600V	229*	BOX-LOC® (MS) flush	4	2-1/2", 1 – TKO®	1-1/2"	Plastic	25	
600V	213HWP	HM Bracket	4	2-1/2" , 1 - TKO®	1-1/2"	Yes	20	—

*Provided w/far-side support (part #978)

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C
213, 8213	1-1/2"	—	—
218, 8218	1-1/2"	6-7/8"	4-3/8"
219	1-1/2"	7-3/8"	4-3/8"
224	1-1/2"	1-31/32"	6"
229	1-1/2"	4-5/8"	5-1/2"

4" SQUARE BOXES

1-1/2" DEEP WITH NONMETALLIC CABLE CLAMPS

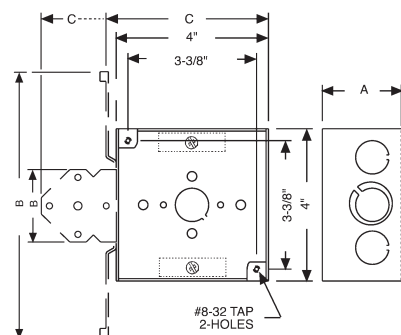
Applications

- 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 Box Selection section in the front of this catalog for complete description of bracket and clamp 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. Barbed hooks dig into the flat side of 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

4" SQUARE BOXES



Compliances

- UL – 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. web-site at www.ul.com

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



ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 1-1/2" DEEP – WELDED WITH NONMETALLIC SHEATHED CABLE CLAMPS – 21.0 CUBIC INCHES							
CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS			UBS SUP-PORT	STD. PKG.	UPC BAR CODE
		SIDES		BOTTOM COND.			
		CABLE	COND.				
211	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50	—
8211	—	4	4-1/2", 2 – TKO®	1-1/2"	—	50	
220	FH, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—
8220	FH, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	
223	FM, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	
225	B, flush	4	2-1/2", 1 – TKO®	1-1/2"	—	25	—
228*	BOX-LOC® (MS) flush	4	2-1/2", 1 – TKO®	1-1/2"	Plastic	25	

*Provided w/far-side support (part #978)

DIMENSIONS			
CATALOG NUMBER	A (INSIDE)	B	C
211, 8211	1-1/2"	—	—
220, 8220	1-1/2"	7-3/8"	4-3/8"
223	1-1/2"	6-7/8"	4-3/8"
225	1-1/2"	1-31/32"	6"
228	1-1/2"	4-5/8"	5-1/2"

4" SQUARE EXTENSION RINGS AND 4" SQUARE PLENUM BOXES

1-1/2" AND 2-1/8" DEEP/CONDUIT

Application

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

Product Feature

- 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

- UL – File E195978



201, 8201



202



203, 8203



187



911-6

ORDERING INFORMATION - DIMENSIONS

4" SQUARE EXTENSION RINGS – 1-1/2" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S – 22.5 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UPC BAR CODE
		SIDES COND.	BOTTOM COND.		
201	—	12-1/2"	—	50	—
8201	—	12-1/2"	—	25	
202	—	8-3/4"	—	50	—
203	—	8-1/2", 4-3/4"	—	50	—
8203	—	8-1/2", 4-3/4"	—	50	
187	Attaches to switch boxes	8-1/2", 4-3/4"	—	25	
911-6	Painted Red	8-1/2", 4-3/4"	—	50	—

Applications

- 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

- UL – File E195978



226



239



762

ORDERING INFORMATION - DIMENSIONS

4" SQUARE PLENUM BOXES & COVER – 1-1/2" & 2-1/8" DEEP (INSIDE) – DRAWN WITH CONDUIT KO'S

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		CU. IN.	STD. PKG.	UPC BAR CODE
		SIDES	BOTTOM			
226	1-1/2" Deep	8-1/2", 4-3/4"	3-1/2", 2-3/4"	21.0	50	—
239	2-1/8" Deep	8-1/2", 4-3/4"	3-1/2", 2-3/4"	30.3	25	—
762	Gasketed cover for 4" square boxes	—	—	—	50	—

4" SQUARE BOXES

2-1/8" DEEP/CONDUIT

Applications


- 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

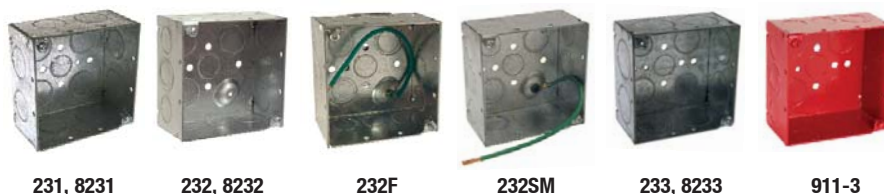
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- Red boxes, covers and extensions for dedicated life safety alarm circuits

Compliances

- UL – 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



231, 8231

232, 8232

232F

232SM

233, 8233

911-3

ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 2-1/8" DEEP (INSIDE) – WELDED WITH CONDUIT KO'S – 30.3 CUBIC INCHES

CATALOG NUMBER	UBS FAR SIDE SUPPORT	KNOCKOUTS		STD. PKG.	RAISED GROUND PROVISION	PIGTAIL	UPC BAR CODE
		SIDES	BOTTOM				
		COND.	COND.				
231	—	8-3/4"	1-1/2", 4-3/4"	25	No	No	—
8231	—	8-3/4"	1-1/2", 4-3/4"	25	No	No	
600V 232	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	No	—
600V 8232	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	25	No	No	
600V 232F	Yes	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	—
600V 232SM	—	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	
233	—	8-1"	3-1/2", 2-3/4"	25	No	No	—
8233	—	8-1"	3-1/2", 2-3/4"	25	No	No	
600V 911-3	—	8-1/2", 4-TKO®	3-1/2", 2-TKO®	25	No	No	—



4714, THE INSIDER® will secure nonmetallic sheathed cable in 1/2" KO (See pg. B87)

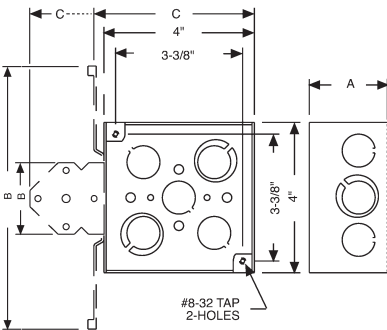
Applications

- 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 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. Barbed hooks dig into the flat side of the stud, quickly locking it in place
- Combination screw heads provide for faster installation
- TKO® knockouts offer greater flexibility with RACO® patented combination 1/2" and 3/4" knockout
- UBS Support - Welded to box, preset bend points to work with wall thickness 2-1/2" to 6"
- Red boxes, covers and extensions for dedicated life safety alarm circuits

4" SQUARE BOXES



Compliances

- UL – 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



232H, 232HS

232HWP

232M

235, 8235
1/2" & 3/4" TKO®

236

237

238
BOX-LOC®

251

911-4

ORDERING INFORMATION - DIMENSIONS

4" SQUARE – 2-1/8" DEEP – WELDED WITH CONDUIT KO'S – 30.3 CUBIC INCHES

CATALOG NUMBER	DESCRIPTION BRACKET & SETBACK	KNOCKOUTS		STD. PKG.	UBS SUP- PORT	RSD. GRND. PRVSN.	PIG- TAIL	UPC BAR CODE
		SIDES	BOTTOM					
		COND.	COND.					
232H	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	Yes	—
232HS*	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	Yes	—
232HWP	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	No	—
232M	HM Brkt	8-1/2", 4-TKO®	2-1/2", 2-TKO®	25	Yes	Yes	Yes	—
235	TS, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	—
8235	TS, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	
236	FM, flush	6-3/4"	1-1/2", 4-3/4"	25	—	—	No	
237	FM, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	
238	BOX-LOC® (MS) flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	Plastic	—	No	
251	B Brkt	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	—
911-4	FM, flush	6-1/2", 3-TKO®	3-1/2", 2-TKO®	25	—	—	No	—

*Box has stranded pigtail assembled

DIMENSIONS

CATALOG NUMBER	A (INSIDE)	B	C
232H, 232HS	2-1/8"	3-1/4"	4-5/16"
232HWP	2-1/8"	3-1/4"	4-5/16"
232M	2-1/8"	3-1/4"	4-5/16"
235, 8235	2-1/8"	7"	4-5/16"
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"
251	2-1/8"	1-31/32"	6"
911-4	2-1/8"	7-5/8"	4-3/8"

