

RACO 8232

RACO 8232 4-Inch Square Electrical Box Instruction Manual

Model: 8232

1. PRODUCT OVERVIEW

The RACO 8232 is a durable, welded 4-inch square electrical box designed for installing receptacles, switches, or fixtures in walls or ceilings. It features multiple knockouts for versatile conduit connections and is suitable for various electrical installations.



Figure 1: Front view of the RACO 8232 4-inch square electrical box.

2. KEY FEATURES

- **Construction:** Welded 4-inch square box, 2-1/8 inches deep.
- **Knockouts:** Features 1/2-inch and 3/4-inch side knockouts for flexible conduit entry.
- **Capacity:** 30.3 cubic inches.
- **Installation:** Combination screw heads facilitate quick installation of mud rings or covers.
- **Safety:** UL Listed and acceptable for use in 2-hour fire-rated walls.
- **Bonding:** Suitable for use without a bonding jumper in circuits up to 600V (Per U.L. 514-A).

3. INSTALLATION GUIDE

3.1 Safety Precautions

Always ensure power is disconnected at the circuit breaker before beginning any electrical installation. Consult local electrical codes and a qualified electrician if you are unsure about any part of the installation process. Wear appropriate personal protective equipment.

3.2 Mounting the Box

The RACO 8232 box is designed for secure mounting in walls or ceilings. Use appropriate fasteners for the mounting surface (e.g., wood screws for studs, machine screws for metal framing). The box features mounting holes for direct attachment.

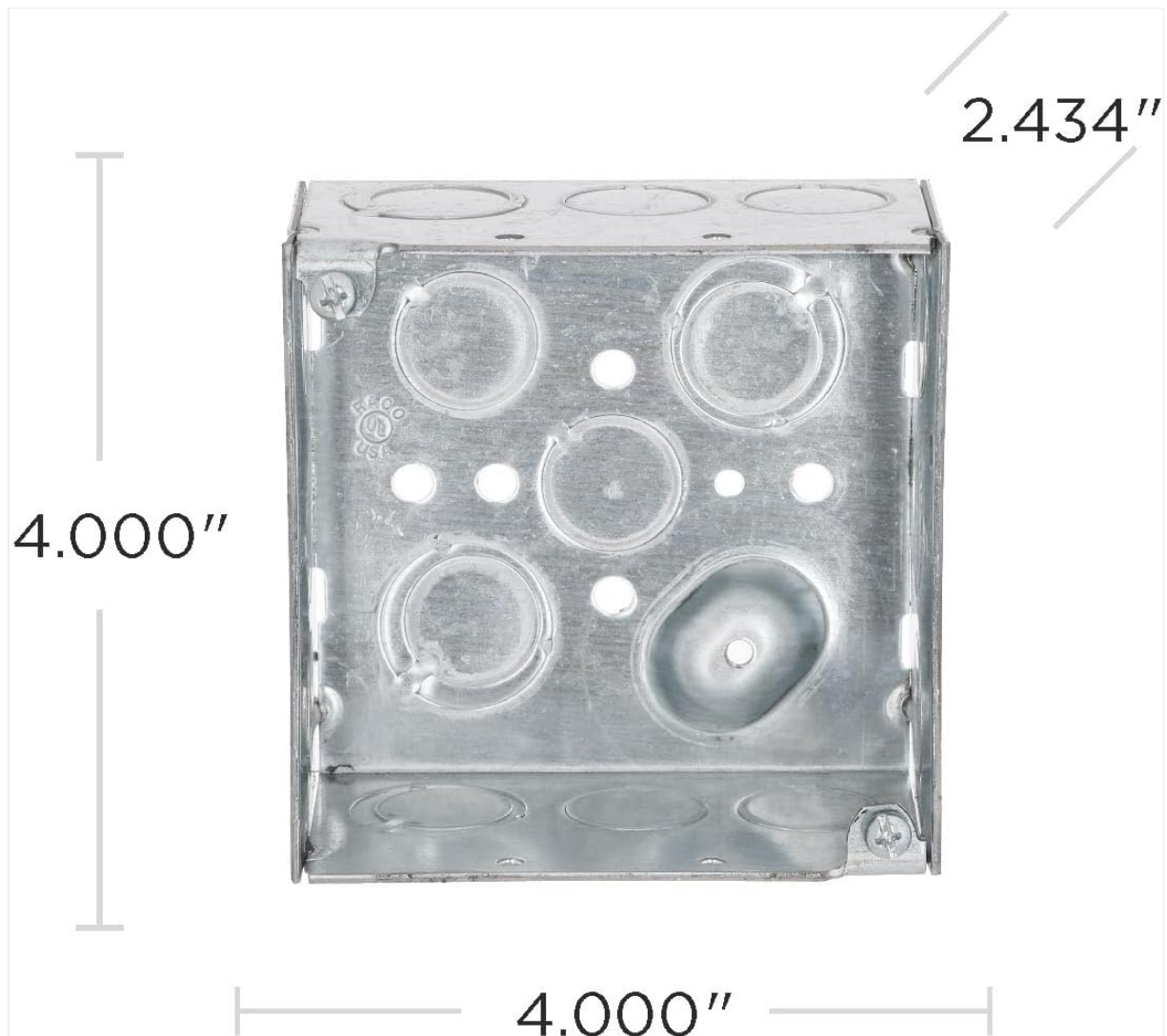


Figure 2: Key dimensions of the 4-inch square electrical box, showing 4.000" width, 4.000" height, and 2.434" depth (approx. 2-1/8").

3.3 Conduit Connection and Wiring

The box includes multiple 1/2-inch and 3/4-inch eccentric knockouts. Select the appropriate knockout size for your conduit. Use a knockout punch or screwdriver to remove the desired knockout. Install conduit connectors securely into the box openings. Route electrical wires through the conduit and into the box, ensuring proper wire fill capacity is maintained according to electrical codes.



Figure 3: Front view highlighting the various 1/2-inch and 3/4-inch knockouts for conduit entry.



Figure 4: Side view illustrating the depth and side knockouts of the electrical box.

4. SPECIFICATIONS

Model Number	8232
Brand	RACO
Material	Alloy Steel
Color	Gray
Style	Compact
Product Dimensions (D x W x H)	2.125"D x 4"W x 4"H (approx. 3"D x 5"W x 5"H as packaged)

Finish Type	Painted
Installation Type	Screw-In
Item Weight	0.8 Pounds (12.8 ounces)
Capacity	30.3 Cubic Inches
Voltage Rating	Up to 600V (without bonding jumper)
UL Listing	UL 514-A
UPC	050169002322

5. WARRANTY INFORMATION

The RACO 8232 4-Inch Square Electrical Box comes with a **1 Year Warranty** from the manufacturer. This warranty covers defects in materials and workmanship under normal use. For specific terms and conditions, please refer to the official RACO warranty documentation or contact customer support.

6. SUPPORT

For additional support, product information, or to view other RACO products, please visit the official RACO store or manufacturer's website.
RACO Store: [Visit the RACO Store on Amazon](#)