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RACO 769R

RACO 769R 4-inch Square Mud Ring User Manual

Brand: RACO | Model: 769R

1. PRODUCT OVERVIEW

The RACO 769R 4-inch Square Mud Ring is designed for use with standard 4-inch square electrical boxes. This cover is 5/8 inches raised and drawn, providing ample space for mounting two electrical devices such as switches, duplex receptacles, or GFCI outlets. Its angled mounting slots facilitate quick and easy installation without the need to remove existing box screws. This manual provides essential information for the safe and correct installation and use of your RACO 769R mud ring.



Figure 1: Front view of the RACO 769R 4-inch Square Mud Ring. This image shows the overall shape and design of the mud ring.

2. KEY FEATURES

- **Material:** Constructed from durable zinc pre-coated steel for longevity and corrosion resistance.
- **Capacity:** Provides 7.3 cubic inches of capacity, suitable for various electrical devices.
- **Device Mounting:** Designed to mount any combination of two switches, duplex receptacles, or GFCI outlets.
- **Raised Design:** Features a 5/8-inch raised, drawn design to accommodate device depth and wiring.
- **Easy Installation:** Angled mounting slots on each corner allow for quick installation without removing box screws.
- **Durability:** Heavy-duty construction ensures reliable performance.
- **Safety:** Designed for safe and secure electrical installations.



Figure 2: Visual representation of key product attributes: Safe and Secure, Easy Install, Tamper Resistant, and Heavy-Duty construction.

3. SAFETY INFORMATION

WARNING: Risk of Electric Shock or Fire.

- Always turn off power at the circuit breaker or fuse box before installing, servicing, or removing any electrical components.
- Installation must be performed by a qualified electrician or a knowledgeable individual in accordance with all local and national electrical codes.
- Ensure all connections are secure and properly insulated.
- Do not exceed the maximum voltage and current ratings of the electrical box or devices being installed.
- Inspect the mud ring for any damage before installation. Do not use if damaged.

4. INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of the RACO 769R 4-inch Square Mud Ring:

4.1. Preparation

1. **Turn Off Power:** Locate the circuit breaker or fuse controlling the electrical circuit you will be working on and turn it off. Verify power is off using a voltage tester.
2. **Gather Tools:** You will need a screwdriver (Phillips or flathead, depending on your screws), wire strippers (if wiring new devices), and a voltage tester.
3. **Inspect Components:** Ensure the RACO 769R mud ring and your electrical box are free from damage.



Figure 3: A standard blue electrical box, compatible with the RACO 769R mud ring. Ensure your box is properly secured.

4.2. Attaching Devices to the Mud Ring

4. **Connect Wiring:** If installing new devices (e.g., outlets, switches), connect the electrical wiring to the device terminals according to the device manufacturer's instructions and local electrical codes.
5. **Mount Device:** Align the electrical device (outlet, switch, GFCI) with the mounting holes on the RACO 769R mud ring. Secure the device to the mud ring using the screws provided with the device.



Figure 4: Illustration showing how to insert an electrical device, such as an outlet or switch, into the mud ring. Ensure proper alignment.



Figure 5: The mud ring with an installed electrical outlet, ready for mounting to the electrical box.

4.3. Mounting the Mud Ring to the Electrical Box

- 6. **Position Mud Ring:** Carefully position the mud ring (with the attached device) over the 4-inch square electrical box. Align the angled mounting slots on the mud ring with the screws on the electrical box. The angled slots allow for installation without fully removing the box screws.
- 7. **Secure Mud Ring:** Tighten the screws on the electrical box to firmly secure the mud ring in place. Ensure the mud ring is flush with the wall surface.



Figure 6: A screwdriver being used to secure the mud ring to an electrical box, utilizing the angled mounting slots.

4.4. Final Steps

- 8. **Install Faceplate:** Once the mud ring and device are securely mounted, install the decorative faceplate (not included) over the device.
- 9. **Restore Power:** Turn the power back on at the circuit breaker or fuse box.
- 10. **Test:** Test the installed device to ensure it functions correctly.

5. SPECIFICATIONS

Attribute	Value
Manufacturer	Hubbell
Part Number	769R
Item Weight	3.22 ounces
Product Dimensions	0.63 x 4 x 4 inches
Item Model Number	769R
Color	Gray

Material	Zinc
Number Of Pieces	50 (in pack)
Included Components	Square Mud Ring
Batteries Required?	No
ASIN	B01L31I8OO
Date First Available	August 26, 2016

6. MAINTENANCE

The RACO 769R 4-inch Square Mud Ring requires minimal maintenance. Periodically inspect the installed mud ring and connected devices for any signs of wear, damage, or loose connections. Ensure the area around the electrical box remains clean and free of debris. Do not use abrasive cleaners or solvents, as they may damage the finish.

7. TROUBLESHOOTING

As a passive electrical component, the RACO 769R mud ring has limited troubleshooting scenarios. Most issues arise from improper installation or compatibility problems.

- **Mud Ring Does Not Sit Flush:**
 - Ensure the electrical box is properly recessed and secured within the wall.
 - Verify that no wires or foreign objects are obstructing the mud ring's seating against the box or wall.
 - Check that the angled mounting slots are correctly engaged with the box screws.
- **Device Does Not Fit:**
 - Confirm that the electrical device (switch, outlet) is standard size and compatible with a double-gang mud ring.
 - Ensure the device is correctly oriented and aligned with the mud ring's mounting holes.

If you encounter persistent issues, consult a qualified electrician.

8. WARRANTY AND SUPPORT

For information regarding the warranty of your RACO 769R 4-inch Square Mud Ring, please refer to the official RACO website or contact RACO customer support directly. Keep your purchase receipt as proof of purchase.

RACO Customer Support:

Website: www.hubbell.com/raco/en/ (General RACO/Hubbell site)

Contact Information: Refer to the website for the most current contact details, including phone numbers and email support.

When contacting support, please have your product model number (769R) and purchase details readily available.

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