

RACO 808C

Hubbell-Raco 808C 1 GFCI 4-Inch Square Exposed Work Cover Instruction Manual

Brand: RACO | Model: 808C

PRODUCT OVERVIEW

The RACO 808C 4-Inch Square Exposed Work Cover is specifically designed for mounting a single GFCI (Ground Fault Circuit Interrupter) receptacle. This cover is ideal for applications where the electrical box is surface-mounted or in exposed work environments. Constructed from durable materials, it ensures the secure enclosure of electrical wiring connections while providing a stable mounting point for the GFCI device.

KEY FEATURES

- **Durable Construction:** Made from heavy-duty 16-gauge galvanized steel for enhanced durability and longevity.
- **Integrated Hardware:** Includes all required hardware for mounting the GFCI receptacle.
- **NEC Compliance:** Meets the requirements of the 2014 NEC Article 250.146(A), ensuring proper grounding without additional bonding jumpers for covers with crushed corners or permanent device attachment fasteners.
- **Secure Fit:** Features threaded break-off tabs that wedge against the cover's edge, providing a tight connection without the need for a separate nut.
- **Application:** Suitable for exposed work applications and surface-mounted electrical boxes.

SETUP AND INSTALLATION

Follow these steps for proper installation of your Hubbell-Raco 808C Exposed Work Cover:

1. **Safety First:** Before beginning any electrical work, ensure the power is turned off at the main load center or breaker panel to prevent electrical shock.
2. **Prepare the Cover:** If your cover includes threaded break-off tabs, carefully remove them using pliers. These tabs are designed to provide a secure fit for the device.

3. **Prepare the Device:** For most receptacles, remove the ears from the mounting strap or yoke by bending them back and forth at the perforation until they break off. If no perforation is visible, carefully snip the pieces off with a cutting tool. Avoid removing too much material to maintain the integrity of the device mounting holes.
4. **Wire the Device:** Wire the GFCI receptacle according to the manufacturer's instructions and local electrical codes.
5. **Mount Device to Cover:** Secure the wired GFCI receptacle to the exposed work cover using the device mounting screws provided with the cover or device. The threaded tabs on the cover will help create a tight connection.
6. **Prepare the Box:** Remove the two cover mounting screws that came with your 4-inch square electrical box.
7. **Install Cover Assembly:** Carefully roll or tuck the conductors into the electrical box. Position the cover assembly (with the mounted GFCI) over the electrical box, aligning the screw holes.
8. **Secure Cover:** Screw down the cover securely to the electrical box using the appropriate screws.



Figure 1: Front view of the Hubbell-Raco 808C Single GFCI Exposed Work Cover.

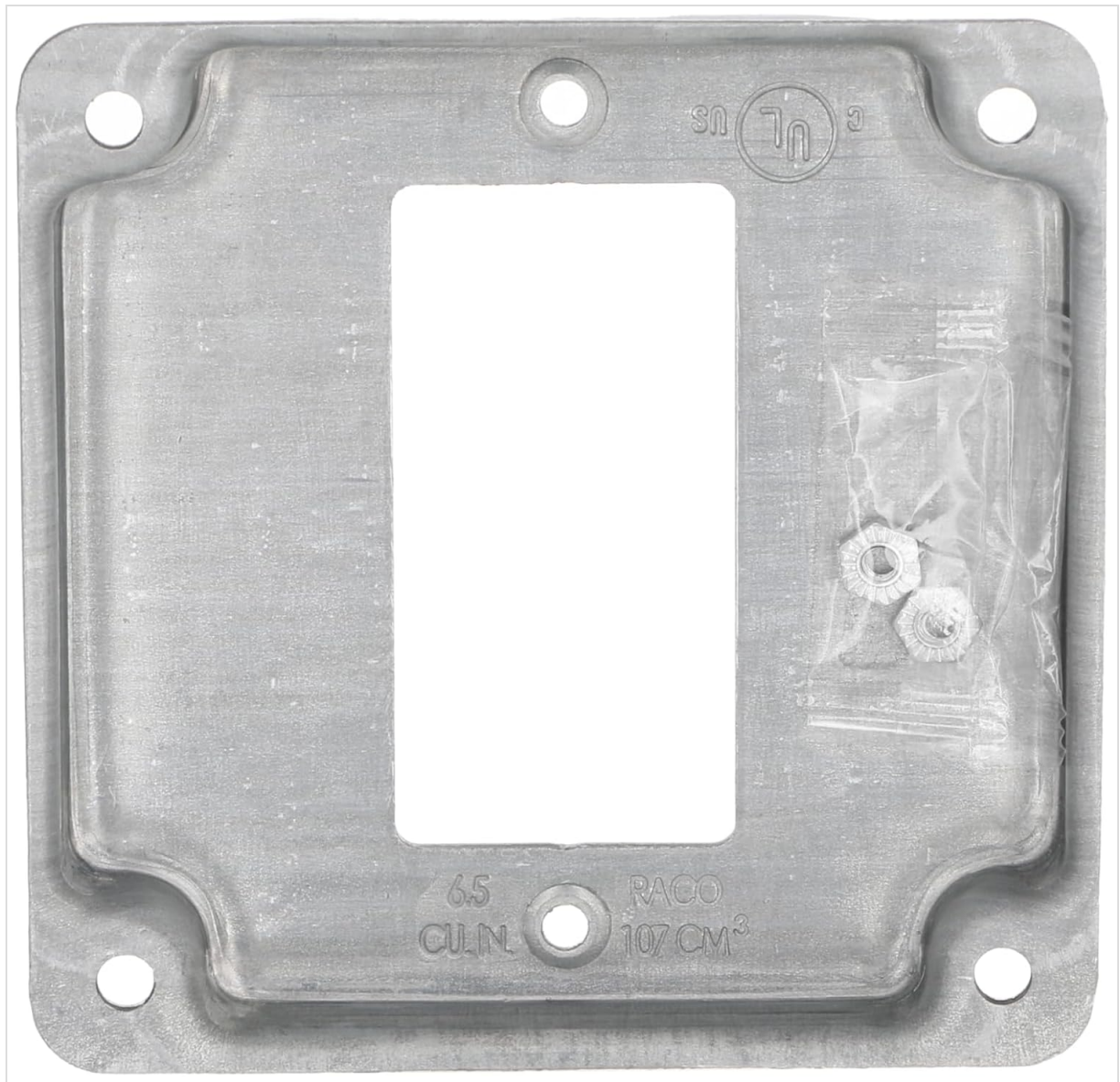


Figure 2: Back view of the cover, illustrating the mounting hardware and crushed corners.



Figure 3: Detail of the crushed corner design for secure installation.

OPERATING INSTRUCTIONS

Once installed, the Hubbell-Raco 808C Exposed Work Cover functions as a protective enclosure for your GFCI receptacle. The GFCI receptacle itself will operate according to its own manufacturer's specifications, providing ground fault protection for connected devices. No specific operational steps are required for the cover itself beyond ensuring it is securely fastened.

MAINTENANCE

The Hubbell-Raco 808C Exposed Work Cover requires minimal maintenance. Periodically inspect the cover for any signs of damage, corrosion, or loose connections. Ensure all mounting screws remain tight to maintain the integrity of the enclosure. Clean the surface with a dry cloth as needed. Do not use abrasive cleaners or solvents that could damage the finish.

TROUBLESHOOTING

Most issues related to this product will stem from improper installation or issues with the electrical system rather than the cover itself. If you experience problems:

- **Loose Cover:** If the cover feels loose, ensure all mounting screws are tightened.
- **Device Not Functioning:** Verify that the power is on at the breaker panel and that the GFCI receptacle is properly wired and reset. Consult the GFCI receptacle's manual for specific troubleshooting steps.
- **Corrosion:** While made from galvanized steel, extreme environmental conditions can lead to corrosion over time. If significant corrosion occurs, consider replacing the cover.

For any complex electrical issues, it is highly recommended to consult a qualified electrician.

SPECIFICATIONS

Attribute	Detail
Manufacturer	Hubbell
Part Number	808C
Item Weight	0.16 ounces
Package Dimensions	4.09 x 4.09 x 0.67 inches
Item Model Number	808C
Size	Single GFCI
Color	Gray
Style	Traditional
Finish	Polished
Material	Alloy Steel
Shape	Square
Installation Method	Screw In
Item Package Quantity	1
Switch Style	Decorator
Included Components	Exposed work cover

WARRANTY AND SUPPORT

This Hubbell-Raco product comes with a **1 Year Warranty**. For detailed warranty information or technical support, please refer to the official RACO website or contact their customer service. You can also visit the [RACO Store on Amazon](#) for more product information and resources.