

Hubbell CR20WHI

Hubbell CR20WHI Duplex Receptacle Instruction Manual

1. INTRODUCTION

This manual provides essential instructions for the safe installation, operation, and maintenance of the Hubbell CR20WHI Duplex Receptacle. Please read this manual thoroughly before proceeding with installation or use. Retain this manual for future reference.

2. SAFETY INFORMATION

WARNING: Risk of electric shock or fire. Improper installation or use can lead to serious injury or death. All electrical work should be performed by a qualified electrician or in accordance with local electrical codes and regulations.

- Always turn off power at the circuit breaker or fuse box before installing or servicing the receptacle.
- Use only copper wire for connections.
- Ensure all wire connections are secure and properly insulated.
- Do not exceed the specified electrical ratings of the receptacle.
- This device is intended for indoor use in dry locations unless otherwise specified by its NEMA rating.

3. PRODUCT OVERVIEW

The Hubbell CR20WHI is a commercial-grade, 20 amp, 125V duplex receptacle designed for reliable performance in various applications. It features a 5-20R NEMA configuration, indicating a 2-pole, 3-wire grounding type. The receptacle is constructed from durable thermoplastic/composite material and comes in a white finish.





Figure 1: Hubbell CR20WHI Duplex Receptacle. This image displays the front and side view of the white Hubbell CR20WHI duplex receptacle, highlighting the two outlets, mounting straps, and screw terminals for wiring connections.

4. INSTALLATION INSTRUCTIONS

4.1. Tools Required

- Screwdriver (Phillips and/or Flathead)
- Wire Strippers
- Voltage Tester
- Electrical Tape (optional)

4.2. Wiring the Receptacle

1. **Turn off Power:** Locate the circuit breaker or fuse that controls the outlet you are working on and turn it OFF. Verify power is off using a voltage tester.
2. **Prepare Wires:** Strip approximately 1/2 inch (12-15 mm) of insulation from the ends of the circuit wires.
3. **Connect Ground Wire:** Connect the bare copper or green insulated ground wire to the green grounding screw terminal on the receptacle. Tighten securely.
4. **Connect Neutral Wire:** Connect the white (neutral) wire to one of the silver screw terminals. Ensure the wire is wrapped clockwise around the screw and tightened securely.
5. **Connect Hot Wire:** Connect the black (hot) wire to one of the brass screw terminals. Ensure the wire is wrapped clockwise around the screw and tightened securely.
6. **Secure Connections:** Double-check all connections to ensure they are tight and no bare wire is exposed beyond the terminal screws.

4.3. Mounting the Receptacle

1. Carefully fold the wires into the electrical box, leaving enough room for the receptacle.
2. Align the mounting straps of the receptacle with the screw holes in the electrical box.
3. Secure the receptacle to the electrical box using the provided mounting screws. Do not overtighten.
4. Install the wall plate (not included) over the receptacle.
5. **Restore Power:** Turn the power back on at the circuit breaker or fuse box.

5. OPERATING INSTRUCTIONS

The Hubbell CR20WHI Duplex Receptacle operates by providing two standard 20 amp, 125V outlets for compatible electrical devices. Simply insert the plug of your device into one of the receptacle's outlets. Ensure the device's electrical requirements do not exceed the receptacle's rating (20A, 125V).

6. MAINTENANCE

Regular maintenance helps ensure the longevity and safe operation of your receptacle.

- **Periodic Inspection:** Periodically inspect the receptacle for any signs of damage, such as cracks, discoloration, or loose connections.
- **Cleaning:** To clean, ensure power is off at the circuit breaker. Wipe the surface with a dry, soft cloth. Do not use abrasive cleaners or solvents.
- **Loose Connections:** If you notice any loose connections or feel warmth around the receptacle,

immediately turn off power and have a qualified electrician inspect and repair the wiring.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
No power at receptacle	Circuit breaker tripped; Loose wiring connection; Faulty receptacle	Check and reset circuit breaker; Turn off power and inspect wiring connections; Replace receptacle if faulty (consult electrician).
Receptacle feels warm	Overloaded circuit; Loose wiring connection; Internal fault	Unplug devices to reduce load; Turn off power and inspect wiring; Consult a qualified electrician immediately.
Plug falls out easily	Worn receptacle contacts	Replace the receptacle.

8. SPECIFICATIONS

Model Number: HUBCR20WHI (CR20WHI)
Application: Commercial Specification Grade
Electrical Rating: 20 Amp, 125 Volts AC
NEMA Configuration: 5-20R
Wiring: 2-Pole, 3-Wire Grounding
Standards: NEMA WD1 and WD5, UL 498
Color: White
Mounting: Screw Mount
Material: Thermoplastic/Composite
Product Dimensions: Approximately 6 x 4 x 6 inches (Note: These dimensions are for the product packaging or a pack of 10; individual unit dimensions may vary.)

9. WARRANTY INFORMATION

For detailed warranty information regarding your Hubbell CR20WHI Duplex Receptacle, please refer to the official Hubbell website or contact Hubbell customer service directly. Warranty terms and conditions may vary.

10. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need further support regarding the Hubbell CR20WHI Duplex Receptacle, please contact Hubbell customer service through their official website or the contact information provided with your purchase.