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> Carlton B114R-UPC Number-1G Old Work Box Installation and User Manual

Carlton Number-1G

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Model: Number-1G | Brand: Carlton

1. PRODUCT OVERVIEW

The Carlton B114R-UPC Number-1G Old Work Box is a non-metallic electrical box designed for installing switches or receptacles in existing walls. Its unique design allows for secure mounting without requiring direct attachment to a wall stud, making it ideal for renovation and retrofit projects. This box is suitable for residential and light commercial applications where a single-gang electrical device is needed.



Image 1.1: Two Carlton B114R-UPC Number-1G Old Work Boxes. These blue non-metallic boxes feature integrated swing-out tabs for securing them in existing wall openings.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Improper installation can lead to serious injury or death. Always follow

these safety guidelines:

- **Turn off power** at the circuit breaker or fuse box before beginning any electrical work. Verify power is off using a voltage tester.
- If you are unsure about any part of the installation process, consult a qualified electrician.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not overload circuits.
- Use only approved electrical components and tools.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Carlon B114R-UPC Number-1G Old Work Box(es)

Note: The quantity of boxes may vary depending on the specific product package purchased.

4. SETUP AND INSTALLATION

Tools Required:

- Pencil
- Drywall saw or utility knife
- Screwdriver (Phillips head)
- Wire strippers/cutters
- Voltage tester

Installation Steps:

1. **Turn off Power:** Locate the appropriate circuit breaker or fuse and turn off the power to the area where you will be working. Use a voltage tester to confirm that the power is off.
2. **Mark the Opening:** Place the Carlon Old Work Box against the wall at the desired installation location. Use a pencil to trace the outline of the box onto the wall surface. Ensure the orientation is correct for your device.
3. **Cut the Opening:** Carefully cut along the traced line using a drywall saw or utility knife. Ensure the opening is clean and sized appropriately for the box.
4. **Prepare Wiring:** If new wiring is being run, feed the electrical cable through the wall opening. If existing wiring is present, gently pull it through the opening.
5. **Insert the Box:** Push the electrical cable through one of the knockouts on the Carlon Old Work Box. Insert the box into the prepared wall opening. The swing-out tabs should be retracted or folded inward as you insert the box.
6. **Secure the Box:** Once the box is fully inserted and flush with the wall surface, tighten the screws located at the top and bottom of the box. As you tighten, the swing-out tabs will rotate outward and press against the inside of the wall, securing the box firmly in place. Do not overtighten.
7. **Wire the Device:** Strip the insulation from the electrical wires as required. Connect the wires to your electrical device (switch or receptacle) according to the device's instructions and local electrical codes.
8. **Install Device:** Mount the electrical device into the Carlon Old Work Box using the provided screws.

9. **Restore Power:** Once the device is securely installed and covered with a faceplate, turn the power back on at the circuit breaker.

5. OPERATING INSTRUCTIONS

The Carlon B114R-UPC Number-1G Old Work Box serves as a housing and mounting point for electrical devices. Once properly installed and wired with a switch or receptacle, its operation is dependent on the functionality of the installed electrical device. There are no specific operational steps for the box itself.

6. MAINTENANCE

The Carlon B114R-UPC Number-1G Old Work Box requires minimal maintenance once installed. Periodically, it is advisable to:

- Inspect the faceplate for any cracks or damage.
- Ensure the electrical device (switch/receptacle) remains securely mounted within the box.
- If any issues arise with the electrical device, turn off power at the breaker before inspecting the wiring within the box.

7. TROUBLESHOOTING

Most issues related to an electrical box are typically associated with the wiring or the device installed within it. However, here are some common box-related concerns:

- **Box is Loose in Wall:**
 - Ensure the securing screws for the swing-out tabs are fully tightened.
 - Verify that the wall opening was cut to the correct size, not excessively large.
- **Electrical Device Does Not Fit:**
 - Confirm that the Carlon B114R-UPC is a single-gang box, suitable for standard single-gang devices.
 - Check for any obstructions inside the box or issues with the device's mounting tabs.

8. SPECIFICATIONS

Brand:	Carlon
Model Number:	Number-1G
Type:	Old Work Box (Single Gang)
Material:	Non-metallic
UPC:	372426292452
Dimensions:	Refer to product packaging for specific dimensions.

9. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Carlon B114R-UPC Number-1G Old Work Box, please refer to the official Carlon website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Carlon Customer Service: Please visit the official Carlon website for contact details.