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› Geberit 367.071.18.1 Cast Iron Outlet Bend Waste Fitting: Installation and Maintenance Manual

Geberit 367.071.18.1

Geberit 367.071.18.1 Cast Iron Outlet Bend Waste Fitting

Installation and Maintenance Manual

1. INTRODUCTION

This manual provides essential information for the proper installation, function, and maintenance of the Geberit 367.071.18.1 Cast Iron Outlet Bend Waste Fitting. Please read these instructions carefully before beginning installation to ensure safe and correct operation.

The Geberit 367.071.18.1 is a durable cast iron outlet bend designed for drainage systems. It features a 90-degree bend with a socket for 3.54-inch (90 mm) push-fit piping and a 3-inch CIP (Cast Iron Pipe) outlet, suitable for all drainage pipes and appliances with a horizontal outlet.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), including safety glasses and gloves, during installation.
- Ensure the work area is well-lit and free from obstructions.
- Turn off the main water supply before beginning any plumbing work to prevent leaks or flooding.
- Handle cast iron components with care due to their weight and potential for sharp edges.
- If you are unsure about any step, consult a qualified plumber.

3. PRODUCT OVERVIEW AND COMPONENTS

The Geberit 367.071.18.1 is a single cast iron outlet bend. No additional components are typically included beyond the fitting itself.



Figure 1: Geberit 367.071.18.1 Cast Iron Outlet Bend. This image shows the overall appearance of the black cast iron fitting, highlighting its 90-degree bend and the socket end.

Key Features:

- **Material:** Cast Iron
- **Bend Angle:** 90 degrees
- **Inlet:** 3.54" (90 mm) push-fit socket
- **Outlet:** 3" CIP (Cast Iron Pipe) outlet
- **Application:** For all drainage pipes and appliances with horizontal outlets.



Figure 2: Side view of the Geberit 367.071.18.1 fitting. This perspective clearly shows the distinct socket and spigot ends of the 90-degree bend.

4. INSTALLATION INSTRUCTIONS (SETUP)

This section outlines the general steps for installing the Geberit 367.071.18.1 outlet bend. Specific installation methods may vary based on local plumbing codes and existing pipe configurations.

Tools and Materials (Typical):

- Pipe cutter or saw suitable for cast iron/PVC
- Measuring tape
- Marker
- Deburring tool
- Lubricant (e.g., silicone grease, soap solution) for push-fit connections
- Appropriate pipe clamps or hangers for support

Installation Steps:

1. **Plan the Layout:** Determine the exact position for the outlet bend to ensure proper alignment with the appliance's horizontal outlet and the existing drainage pipe.
2. **Prepare Pipes:** Cut the existing drainage pipe and the pipe from the appliance to the required lengths. Ensure all cuts are clean and deburred to prevent damage to seals.
3. **Measure and Verify:** Confirm all measurements. The fitting has a 90mm (3.54 inch) push-fit inlet and a 3 inch CIP outlet.

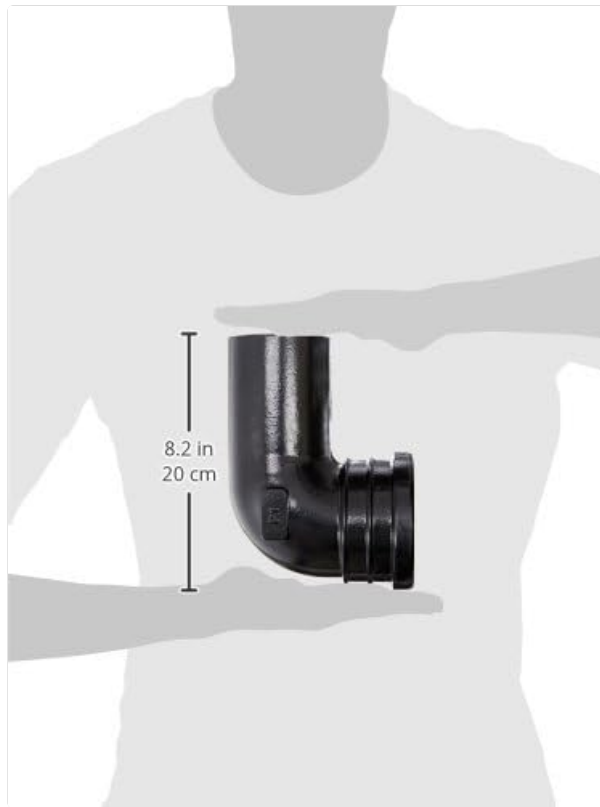


Figure 3: Dimensional view of the Geberit 367.071.18.1. This image illustrates the approximate dimensions of the fitting, showing a height of 8.2 inches (20 cm) for reference during installation planning.

4. **Lubricate (Push-Fit):** Apply a suitable lubricant to the rubber seal inside the 90mm push-fit socket and to the end of the pipe being inserted. This facilitates easier connection and ensures a watertight seal.
5. **Connect Push-Fit:** Firmly push the 90mm pipe (e.g., from a wall-hung WC) into the socket of the outlet bend until it is fully seated.
6. **Connect CIP Outlet:** Connect the 3-inch CIP outlet of the bend to the main drainage system using appropriate cast iron pipe joining methods (e.g., hubless couplings with gaskets and clamps, or traditional lead and oakum joints, depending on local codes and existing system).
7. **Secure the System:** Ensure all connections are secure and properly supported with pipe hangers or clamps to prevent movement and stress on the joints.
8. **Test for Leaks:** Once installation is complete, slowly restore the water supply and thoroughly check all connections for any signs of leakage. Address any leaks immediately.

5. FUNCTION AND OPERATION

The Geberit 367.071.18.1 Cast Iron Outlet Bend serves as a critical component in a plumbing drainage system. Its primary function is to redirect wastewater flow at a 90-degree angle from an appliance (such as a wall-hung toilet) into the main drainage pipework.

Being made of cast iron, it offers high durability, resistance to corrosion from wastewater, and excellent sound-dampening properties, contributing to a quieter drainage system. The push-fit connection simplifies installation for the appliance side, while the CIP outlet ensures compatibility with standard cast iron drainage systems.

6. MAINTENANCE

The Geberit 367.071.18.1 is designed for long-term, maintenance-free operation under normal conditions. However, periodic inspection can help ensure its continued performance.

- **Visual Inspection:** Periodically inspect the visible parts of the fitting and its connections for any signs of corrosion, cracks, or leaks.
- **Check for Blockages:** If drainage issues occur, the bend itself is unlikely to be the cause unless foreign objects have been introduced into the system. Address blockages in the overall drainage system as needed.
- **Avoid Harsh Chemicals:** Do not use harsh chemical drain cleaners that could potentially damage the pipe material or seals over time.

7. TROUBLESHOOTING

Most issues related to a waste fitting are typically associated with installation or blockages in the wider drainage system.

- **Leakage at Connections:**
 - **Cause:** Improperly seated push-fit pipe, damaged seal, or incorrect CIP connection.
 - **Solution:** Ensure the push-fit pipe is fully inserted and the seal is intact. For CIP connections, verify the integrity of the joint (e.g., hubless coupling clamps are tightened correctly, or lead/oakum joint is properly packed).
- **Slow Drainage/Blockage:**
 - **Cause:** Accumulation of debris (hair, grease, foreign objects) in the pipework, not typically the bend itself unless severely misused.
 - **Solution:** Use a plumbing snake or consult a professional plumber to clear the blockage in the drainage system.

8. SPECIFICATIONS

Manufacturer	Geberit
Part Number	367.071.18.1
Item Model Number	367.071.18.1
Material	Cast Iron
Item Weight	3 pounds
Product Dimensions	12.4 x 8.86 x 4.33 inches
Inlet (Socket-Push Fit)	90 mm (3.54 inches)
Outlet	3 inches (CIP)
Included Components	GEBERIT 367.071.18.1 Ction Bend Cast Iron 90G D80
Measurement System	inch, metric

9. WARRANTY INFORMATION

The Geberit 367.071.18.1 Cast Iron Outlet Bend comes with a **a25-year warranty**. This warranty covers manufacturing defects under normal use and service. Please retain your proof of purchase for warranty claims. For specific terms and conditions, refer to the official Geberit warranty documentation or contact Geberit customer support.

10. CUSTOMER SUPPORT

For technical assistance, installation queries, or warranty claims, please contact Geberit customer support. You can find contact information on the official Geberit website or through your local distributor.

Geberit Official Website: www.geberit.com

Please have your product model number (367.071.18.1) and date of purchase available when contacting support.

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