Watts 98CP

Watts 98CP Trip Lever Bath Drain Instruction Manual

Model: 98CP

1. Introduction

This manual provides instructions for the installation, operation, and maintenance of the Watts 98CP Trip Lever Bath Drain. This product is designed for use in bathtubs, featuring an 18-inch, 20-gauge brass construction with a chrome-plated trip lever trim for a finished appearance.

Figure 1: Watts 98CP Trip Lever Bath Drain assembly. This image displays the complete drain unit, including the chrome-finished trip lever overflow plate, the brass overflow tube, the brass T-fitting, the brass waste shoe, and the chrome-finished drain stopper.

2. Product Specifications

Model Number	98CP
Part Number	98CP (0145797)
Material	Brass
Gauge	20 Gauge
Size	1-1/2 Inch
Length	18-Inch (overflow tube)
Finish	Polished Chrome Trim, Brass Piping
Item Weight	4.8 pounds
Special Features	Removable stopper

3. Components

The Watts 98CP Trip Lever Bath Drain assembly typically includes the following main components:

- **Trip Lever Overflow Plate:** The visible chrome-plated plate with the trip lever mechanism, located on the bathtub's overflow opening.
- **Overflow Tube:** The vertical brass pipe connecting the overflow plate to the T-fitting.
- **T-Fitting:** A brass connector that joins the overflow tube and the waste shoe.
- **Waste Shoe:** The horizontal brass pipe that connects the T-fitting to the bathtub's drain opening.
- **Drain Stopper:** A chrome-plated stopper mechanism operated by the trip lever, designed to seal the bathtub drain.
- **Gaskets and Washers:** Various rubber or plastic seals to ensure watertight connections.

4. Installation Instructions

Installation of a bath drain requires plumbing knowledge and tools. If you are not comfortable performing this installation, it is recommended to consult a qualified plumber.

4.1. Required Tools and Materials (Not Included)

- Plumber's putty or silicone sealant
- Adjustable wrench or channel locks
- Screwdriver (Phillips or flathead, depending on overflow plate screws)
- Tape measure
- Hacksaw or pipe cutter (if trimming is required)

4.2. General Installation Steps

1. **Prepare the Bathtub:** Ensure the bathtub's drain and overflow openings are clean and free of debris.
2. **Assemble the Drain:** Connect the overflow tube to the T-fitting and the waste shoe. Ensure all gaskets are properly seated. Hand-tighten connections initially.
3. **Install Drain Stopper:** Insert the drain stopper mechanism into the waste shoe.
4. **Apply Sealant:** Apply a bead of plumber's putty or silicone sealant around the underside of the drain flange (the part that sits inside the tub drain opening) and around the overflow gasket.
5. **Position in Tub:** From inside the tub, insert the drain flange into the drain opening. From underneath the tub, align the waste shoe with the drain flange and secure it with the provided nut, tightening carefully to avoid overtightening.
6. **Install Overflow Plate:** Position the overflow gasket and the trip lever overflow plate over the overflow opening. Secure the plate with the screws provided, ensuring the trip lever mechanism is correctly aligned with the internal stopper rod.
7. **Test for Leaks:** Fill the bathtub with water and check all connections for leaks. Operate the trip lever to ensure the drain stopper functions correctly. Tighten any leaking connections as needed.

Note: Some installations may require cutting the overflow tube or waste shoe to fit specific bathtub dimensions. Measure carefully before cutting.

5. Operation

The Watts 98CP Bath Drain utilizes a trip lever mechanism to control the drain stopper.

- **To Close the Drain:** Push the trip lever handle down. This action lowers the internal stopper, sealing the bathtub drain opening and allowing the tub to fill with water.
- **To Open the Drain:** Pull the trip lever handle up. This action raises the internal stopper, opening the bathtub drain and allowing water to flow out.

Ensure the lever moves freely and the stopper fully engages and disengages. If the stopper does not seal properly, check for obstructions or adjust the stopper mechanism if accessible.

6. Maintenance and Cleaning

Regular maintenance helps ensure the longevity and proper function of your bath drain.

- **Cleaning the Trim:** Clean the chrome-plated trim with a soft cloth and mild, non-abrasive cleaner. Avoid harsh chemicals or abrasive scrubbers, which can damage the finish.
- **Clearing the Drain:** Periodically remove the drain stopper (if removable) and clear any hair or debris that may accumulate. For clogs further down the drain, use a plumbing snake or a chemical drain cleaner specifically designed for plumbing systems, following product instructions carefully.
- **Checking for Leaks:** Regularly inspect visible connections for any signs of leaks. Address minor leaks by tightening connections or replacing worn gaskets.

7. Troubleshooting

Problem	Possible Cause	Solution
Slow Draining	Hair or debris accumulation in the drain or stopper mechanism.	Remove the drain stopper and clear any obstructions. Use a plumbing snake if the clog is deeper.
Drain Does Not Seal	Stopper mechanism misaligned or obstructed.	Check for debris around the stopper. Ensure the trip lever rod is correctly connected to the stopper. Adjust the stopper if it has an adjustment screw.
Water Leaks	Loose connections or damaged gaskets.	Inspect all connections (drain flange, overflow plate, T-fitting). Tighten any loose nuts. Replace worn or damaged gaskets. Reapply plumber's putty if necessary.
Trip Lever Stiff/Stuck	Corrosion or debris in the lever mechanism.	Remove the overflow plate and inspect the lever mechanism. Clean any corrosion or debris. Apply a small amount of silicone grease if needed.

8. Warranty Information

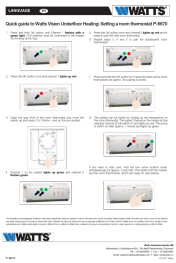
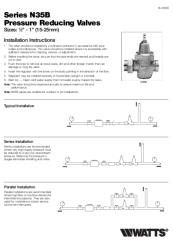
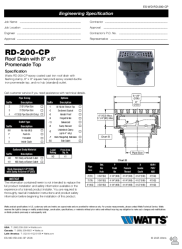
Watts Regulator Company (the "Company") warrants each product to be free from defects in material and workmanship under normal usage for a period of one year from the date of original shipment. In the event of such defects within the warranty period, the Company will, at its option, replace or recondition the product without charge.

9. Customer Support

For further assistance, technical support, or warranty claims, please contact Watts customer service. Refer to the official Watts website for current contact information.

Watts Website: www.watts.com

Related Documents - 98CP

	Watts AquaLock™ Lead-Free Brass Push-Fit Tees - Technical Specifications Detailed technical specifications, dimensions, and approvals for Watts AquaLock™ lead-free brass push-fit tees (LF4723, LF4724R, LF4726R, LF4732 series). Includes product features, ratings, and dimensional data for plumbing applications.
	Spécifications Techniques Séries Watts SL100XL, L100XL, LL100XL, LLL100XL Spécifications techniques complètes pour les soupapes de décharge température et pression à tige allongée Watts séries SL100XL, L100XL, LL100XL et LLL100XL. Détails sur les caractéristiques, dimensions, installation et sécurité pour chauffe-eau.
	Watts Vision P-6670 Underfloor Heating Thermostat Pairing Guide A quick guide from Watts Industries on how to pair Watts Vision room thermostats with the P-6670 master unit for underfloor heating systems. Includes setup steps and reset instructions.
	Watts Series N35B Pressure Reducing Valves: Installation and Maintenance Guide Comprehensive guide for installing, maintaining, and troubleshooting Watts Series N35B Pressure Reducing Valves (Sizes: 1/2" - 1"). Includes technical specifications, repair kits, and warranty information.
	Watts RD-100-V Roof Drain Installation Instructions Comprehensive installation instructions for the Watts RD-100-V roof drain, covering cast-in-slab and above-slab installation methods. Includes dimensions, safety warnings, and warranty information.
	Watts RD-200-CP Roof Drain: Engineering Specification & Technical Details Detailed engineering specification for the Watts RD-200-CP roof drain, featuring an 8" x 8" promenade top. Includes sizing, options, dimensions, and technical data.