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› Master Plumber 453-035 MP Lavatory P-Trap Instruction Manual

## Master Plumber 453-035

# Master Plumber 453-035 MP Lavatory P-Trap Instruction Manual

Model: 453-035

## INTRODUCTION

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This manual provides detailed instructions for the installation, maintenance, and troubleshooting of the Master Plumber 453-035 Lavatory P-Trap. Please read this manual thoroughly before installation and retain it for future reference.

The Master Plumber 453-035 Lavatory Wall Drain P Trap is designed for use with lavatory sinks. It is constructed from chrome-plated brass and includes all necessary components for installation, such as the flange, nuts, and washers.

## PRODUCT OVERVIEW

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*Figure 1: Master Plumber 453-035 Lavatory P-Trap components. This image shows the chrome-plated P-trap assembly, including the curved trap body, the horizontal arm, and a separate flange. All components are designed for a 1-1/4-inch OD tube.*

The P-trap is a U-shaped section of pipe that holds a small amount of water, creating a seal that prevents sewer gases from entering the living space. This model is specifically designed for lavatory (bathroom sink) applications.

## Key Features:

- **Material:** Chrome plated brass for durability and corrosion resistance.
- **Components:** Includes flange, nuts, and washers for complete installation.
- **Size:** 1-1/4-Inch Outer Diameter (OD) tube.
- **Construction:** 22 Gauge for reliable performance.

## SETUP AND INSTALLATION

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Before beginning installation, ensure you have all necessary tools, including a wrench, plumber's tape, and a bucket to catch any residual water.

### Installation Steps:

1. **Preparation:** Turn off the water supply to the sink. Place a bucket directly under the existing P-trap to catch any water.
2. **Remove Old P-Trap (if applicable):** Loosen the slip nuts connecting the old P-trap to the tailpiece (coming from the sink drain) and the drain pipe in the wall. Carefully remove the old P-trap.
3. **Assemble New P-Trap:** Apply plumber's tape to the threaded connections if recommended by local plumbing codes or for extra sealing. Slide the slip nuts and washers onto the P-trap components.
4. **Connect to Tailpiece:** Connect the upper arm of the P-trap to the sink's tailpiece. Hand-tighten the slip nut.
5. **Connect to Wall Drain:** Connect the horizontal arm of the P-trap to the drain pipe extending from the wall. Hand-tighten the slip nut.
6. **Align and Tighten:** Ensure the P-trap is properly aligned and level. Once aligned, use a wrench to gently tighten all slip nuts. *Do not overtighten*, as this can crack the nuts or damage the washers.
7. **Test for Leaks:** Turn the water supply back on and run water into the sink. Fill the sink and then drain it, carefully checking all connections for any signs of leaks. If leaks are present, tighten the nuts slightly or re-check the washers.

## OPERATION

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The Master Plumber 453-035 P-trap operates passively by maintaining a water seal. This seal is crucial for preventing unpleasant sewer gases from entering your home through the drain. No active operation is required from the user once installed correctly.

Ensure that water is regularly run through the sink to maintain the water seal, especially in infrequently used sinks, to prevent the trap from drying out.

## MAINTENANCE

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Regular maintenance helps ensure the longevity and proper function of your P-trap.

### Recommended Maintenance:

- **Regular Cleaning:** Periodically flush the drain with hot water to help prevent grease and soap scum buildup.
- **Check for Leaks:** Visually inspect the P-trap connections for any signs of drips or moisture accumulation every few months. Address any leaks promptly by tightening connections or replacing worn washers.
- **Clear Minor Clogs:** For minor clogs, a mixture of baking soda and vinegar followed by hot water can sometimes clear blockages. Avoid harsh chemical drain cleaners, as they can damage plumbing over time.
- **Deep Cleaning/Clog Removal:** For more stubborn clogs, the P-trap can be disassembled. Place a bucket underneath, loosen the slip nuts, and remove the trap. Clear any debris, clean the interior, and then reassemble, ensuring all washers are properly seated.

## TROUBLESHOOTING

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Common Issues and Solutions

| Problem                | Possible Cause                                                         | Solution                                                                                                   |
|------------------------|------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|
| Leaking at connections | Loose slip nuts, worn or misaligned washers, damaged P-trap component. | Tighten slip nuts. Inspect and replace washers if damaged or worn. Ensure components are properly aligned. |
| Slow draining or clog  | Accumulation of hair, soap scum, or debris within the P-trap.          | Disassemble the P-trap and manually clear the blockage. Flush with hot water.                              |
| Sewer gas odor         | P-trap has dried out due to infrequent use, or a leak is present.      | Run water into the sink to refill the trap. Check for leaks and repair if found.                           |

SPECIFICATIONS

- **Model Number:** 453-035
- **Material:** Chrome Plated Brass
- **Tube Outer Diameter (OD):** 1-1/4 inches
- **Gauge:** 22 Gauge
- **Item Weight:** 0.01 ounces (approximate)
- **Product Dimensions:** 2.5 x 13.5 x 7.62 inches (approximate)
- **Package Quantity:** 1
- **Included Components:** Flange, Nuts, Washers

WARRANTY AND SUPPORT

Specific warranty information for the Master Plumber 453-035 P-Trap is not provided in this manual. Please refer to the product packaging or the manufacturer's official website for detailed warranty terms and conditions.

For technical support or inquiries regarding this product, please contact Master Plumber customer service through their official channels. Contact information is typically available on the product packaging or their corporate website.

ASK A QUESTION ABOUT THIS MANUAL

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