

EZ-FLO 35400

Eastman 35400 Heavy-Duty S-Trap with Adapter

User Instruction Manual

1. PRODUCT OVERVIEW

The EZ-FLO Eastman 35400 Heavy-Duty S-Trap with Adapter is designed for use in tubular drain applications. This S-trap is constructed from high-impact polypropylene plastic, ensuring long-lasting durability and resistance to common plumbing chemicals. It is specifically designed to fit 1-1/2 inch pipes and comes equipped with a trap adapter, facilitating a straightforward installation process. All necessary hardware for installation is included. This product is certified by the Uniform Plumbing Code (UPC) for product safety, ensuring compliance with industry standards.



Figure 1.1: Assembled Eastman 35400 S-Trap, showing its complete form ready for installation.

2. SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE), such as gloves and eye protection, when working with plumbing.
- Ensure the water supply to the fixture is turned off before beginning any installation or maintenance work.
- Keep small parts away from children and pets to prevent choking hazards.
- Do not overtighten connections, as this can damage plastic components. Hand-tighten plus a quarter turn with a wrench is typically sufficient.
- If you are unsure about any step of the installation process, consult a qualified plumber.

3. PACKAGE CONTENTS

Verify that all components listed below are present and undamaged before beginning installation.

- S-Trap body (curved and straight sections)
- Trap adapter
- Washers and nuts for connections
- All necessary hardware for assembly



Figure 3.1: Overview of all components included in the Eastman 35400 S-Trap package, laid out for inspection.



Figure 3.2: Detailed view of the various washers and nuts provided for secure connections.

4. SETUP AND INSTALLATION

The Eastman 35400 S-Trap is designed for straightforward tubular drain installation. Follow these steps carefully:

1. **Preparation:** Ensure the area under the sink or fixture is clear. Place a bucket or towel underneath to

catch any residual water from the existing drain system. Turn off the water supply to the sink if you are replacing a P-trap or working on the drain assembly directly connected to the sink tailpiece.

2. **Remove Old Trap (if applicable):** If replacing an existing trap, loosen the slip nuts connecting the old trap to the tailpiece and the wall drain. Carefully remove the old trap.
3. **Assemble the S-Trap:**
 - Attach the trap adapter to the appropriate end of the S-trap if it's not pre-assembled.
 - Ensure all washers are correctly seated within the slip nuts before tightening.



Figure 4.1: The curved and straight sections of the S-trap, ready for assembly and connection.

4. **Connect to Tailpiece:** Slide a slip nut and washer onto the tailpiece extending from the sink. Connect the upper end of the S-trap to the tailpiece and hand-tighten the slip nut.
5. **Connect to Floor Drain:** Position the lower end of the S-trap to align with the floor drain opening. Slide a slip nut and washer onto the S-trap and connect it to the floor drain. Hand-tighten the slip nut.
6. **Final Tightening:** Once all connections are hand-tight, use a wrench or pliers to gently tighten each slip nut an additional quarter turn. Be careful not to overtighten, as this can crack the plastic.
7. **Test for Leaks:** Turn on the water supply and run water through the sink for several minutes. Carefully inspect all connections for any signs of leaks. If leaks are present, gently tighten the corresponding slip nut until the leak stops.



Figure 4.2: The S-trap showing its adapter connection, crucial for proper installation into existing plumbing.

5. OPERATING PRINCIPLE

An S-trap functions as a critical component of a plumbing drain system by creating a water seal. This seal, a small amount of water retained within the curved section of the trap, prevents sewer gases from entering the living space through the drain opening. When water drains from the sink, it flows through the trap, replenishing the water seal and carrying away waste. The design ensures that a sufficient amount of water remains in the trap to maintain the barrier against odors and gases from the sewer system.

6. MAINTENANCE

- **Regular Cleaning:** Periodically flush the drain with hot water to help prevent grease and soap scum buildup.
- **Leak Inspection:** Routinely check around the trap connections for any signs of moisture or drips. Address any leaks promptly by gently tightening connections.
- **Avoid Harsh Chemicals:** Do not use strong chemical drain cleaners, as they can potentially damage plastic pipes and fittings over time. Opt for enzymatic cleaners or mechanical methods (like a drain snake) for clogs.
- **Clearing Minor Clogs:** For minor clogs, you can often remove the trap by loosening the slip nuts and clearing any debris manually. Always place a bucket underneath before opening the trap.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Leak at connections	Loose slip nuts, misaligned washer, damaged washer.	Gently tighten slip nuts. Ensure washers are seated correctly. Replace damaged washers if necessary.

Problem	Possible Cause	Solution
Slow drain or clog	Accumulation of hair, grease, or debris in the trap.	Remove the trap and manually clear the obstruction. Use a drain snake if the clog is further down the line.
Sewer gas smell	Water seal in the trap has evaporated or been siphoned out.	Run water for a minute to replenish the water seal. Ensure proper venting in the plumbing system.

8. SPECIFICATIONS

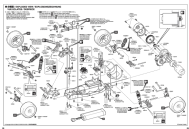


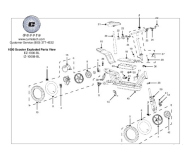

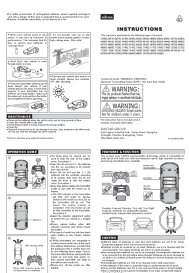
Attribute	Detail
Model Number	35400
Brand	EZ-FLO
Material	High-impact Polypropylene Plastic
Color	White
Pipe Size Compatibility	1-1/2 inch
Installation Method	Tubular
Product Dimensions	20 x 53 x 3.02 cm
Item Weight	304 g
Certifications	Uniform Plumbing Code (UPC)

9. WARRANTY AND SUPPORT

For specific warranty information regarding your Eastman 35400 S-Trap, please refer to the documentation provided with your purchase or visit the official EZ-FLO website. EZ-FLO products are typically backed by a manufacturer's warranty covering defects in materials and workmanship.

If you require technical assistance, have questions about installation, or need to report a defective product, please contact EZ-FLO customer support. Contact details can usually be found on the product packaging or the manufacturer's official website.

Note: Always retain your proof of purchase for warranty claims.

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