

## EZ-FLO 35311

# EZ-FLO 1-1/2 Inch x 8 Inch Branched Dishwasher Tailpiece Instruction Manual

Model: 35311

Brand: EZ-FLO

## 1. PRODUCT OVERVIEW

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The EZ-FLO branched dishwasher tailpiece is designed to simplify your plumbing and home improvement projects. It serves as a crucial connection point between a fixture's drain and a trap, effectively collecting debris, odors, and gases to maintain a clean and functional plumbing system. Constructed from heavy-duty polypropylene, this tailpiece ensures long-lasting durability and reliable performance. Its slip joint connection facilitates quick and easy installation, making it an ideal component for under-sink applications in both kitchen and bathroom environments. This product is certified by the Uniform Plumbing Code (UPC), ensuring adherence to safety and quality standards.



Figure 1: Front view of the EZ-FLO Branched Dishwasher Tailpiece, showing the main pipe and the side branch for dishwasher connection.

## 2. KEY FEATURES

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- **Branched Dishwasher Tailpiece:** Specifically designed to connect the drain of a fixture to a trap, collecting debris, odors, and gases. Widely used in under-sink installations for kitchen and bathroom sinks.
- **Durable Construction:** Made of high-impact polypropylene plastic for long-lasting durability and resistance to common plumbing wear and tear.
- **Easy to Install:** Equipped with a slip joint connection, allowing for quick and straightforward installation without the need for specialized tools.

- **Standard Specifications:** This plastic tubing measures 1-1/2 inches x 8 inches in length and features a 5/8 inch OD barb outlet, specifically designed for dishwasher installation.
- **UPC Certified:** Certified by the Uniform Plumbing Code for safety and compliance with industry standards.

### 3. SETUP AND INSTALLATION

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The EZ-FLO Branched Dishwasher Tailpiece is designed for straightforward installation in tubular drain applications. Follow these steps for proper setup:

1. **Prepare the Connection:** Ensure the existing drain pipe and the trap are clean and free of debris.
2. **Assemble Components:** The tailpiece comes with a slip joint nut and a washer. Place the slip joint nut onto the tailpiece, followed by the washer.



Figure 2: Exploded view of the tailpiece components, including the slip joint nut and washer.

3. **Connect to Fixture Drain:** Insert the top end of the tailpiece into the drain opening of your sink or fixture. Tighten the slip joint nut securely by hand, then use a wrench for a final quarter-turn to ensure a watertight seal. Do not overtighten.
4. **Connect to Trap:** Align the bottom end of the tailpiece with the trap. Use another slip joint nut and washer (not included with this tailpiece, typically part of the trap assembly) to connect the tailpiece to the trap. Ensure proper alignment to prevent leaks.
5. **Dishwasher Connection:** The 5/8 inch OD branch on the side of the tailpiece is for connecting your dishwasher drain hose. Secure the dishwasher hose to this branch using a hose clamp (not included) to prevent disconnections and leaks. Ensure the dishwasher drain hose is looped higher than the branch connection to prevent backflow into the dishwasher.



Figure 3: Angled view highlighting the 5/8 inch OD branch for dishwasher drain connection.

6. **Test for Leaks:** After installation, run water through the sink and dishwasher (if connected) to check for any leaks at the connections. Tighten any leaking joints slightly until the leak stops.

Video 1: Product Overview Video. This video provides a visual introduction to the EZ-FLO Branched Dishwasher Tailpiece, demonstrating its components and key features relevant to installation.

## 4. OPERATING PRINCIPLES

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The EZ-FLO Branched Dishwasher Tailpiece functions as a critical component in your household drainage system. Its primary role is to provide a secure and efficient connection for both your sink's drain and your dishwasher's discharge hose to the main plumbing trap. By directing wastewater and preventing the escape of sewer gases and odors, it ensures hygienic and effective waste disposal. The internal design facilitates smooth flow, minimizing the risk of clogs when properly installed and maintained.



Figure 4: Top-down view of the tailpiece's main opening, illustrating the flow path for water and debris.

## 5. MAINTENANCE

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Regular maintenance helps ensure the longevity and optimal performance of your EZ-FLO Branched Dishwasher Tailpiece:

- **Leak Checks:** Periodically inspect all connections for any signs of leaks, especially after heavy use or if you notice dampness under the sink. Tighten slip joint nuts as needed, but avoid overtightening.
- **Cleanliness:** While the tailpiece is designed to handle wastewater, excessive grease or food particles can accumulate over time. Flush the drain with hot water regularly. For stubborn clogs, consider using a non-corrosive drain cleaner or disassembling the trap and tailpiece for manual cleaning.
- **Gasket Inspection:** Over time, rubber or plastic washers can degrade. If persistent leaks occur

despite tightening, inspect the washers and replace them if they appear cracked, brittle, or compressed.

## 6. TROUBLESHOOTING

If you encounter issues with your EZ-FLO Branched Dishwasher Tailpiece, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
<b>Leaks at Connections</b>	Loose slip joint nut, worn or misaligned washer, cracked pipe.	Tighten nuts (do not overtighten). Inspect and replace washers if damaged. If the pipe is cracked, replace the tailpiece.
<b>Slow Drainage / Clogging</b>	Accumulation of food particles, grease, or debris.	Flush with hot water. Use a non-corrosive drain cleaner. If severe, disassemble the trap and tailpiece to manually clear the obstruction.
<b>Odors from Drain</b>	Dry trap, debris in trap/tailpiece, improper dishwasher hose loop.	Run water to fill the trap. Clean the trap and tailpiece. Ensure dishwasher hose has a high loop to prevent backflow of drain water.

## 7. SPECIFICATIONS

Attribute	Detail
<b>Model Number</b>	35311
<b>Size</b>	1-1/2 in. x 8 in.
<b>Material</b>	Polypropylene
<b>Color</b>	White
<b>Dishwasher Branch OD</b>	5/8 inch
<b>Connection Type</b>	Slip-Joint Connection
<b>Certifications</b>	UPC Certified
<b>Item Weight</b>	1.6 ounces (approx. 0.1 lbs)
<b>Product Dimensions (L x W x H)</b>	5.51 x 12.99 x 0.61 inches

## 8. WARRANTY AND SUPPORT

For specific warranty information regarding your EZ-FLO Branched Dishwasher Tailpiece, please refer to the packaging or contact EZ-FLO customer support directly. If you require assistance with installation, troubleshooting, or have any product-related inquiries, please reach out to EZ-FLO customer service through their official website or contact channels.

For more information and support, visit the official EZ-FLO store:[EZ-FLO Store on Amazon](#)

