

## Fluidmaster 747E

# Fluidmaster 747E Side Inlet Toilet Fill Valve

## Instruction Manual

### INTRODUCTION

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The Fluidmaster 747E Side Inlet Toilet Fill Valve is designed to efficiently control the water level in your toilet cistern. It features an anti-siphon device to prevent contamination of the clean water supply and a float adjustment rod for precise water level control. This valve complies with European DIN, NF, and KIWA standards and is suitable for various cistern types, including narrow-line designs. Its telescopic tube allows for height adjustment from 225 mm to 350 mm, ensuring compatibility and optimal performance.

### SETUP AND INSTALLATION

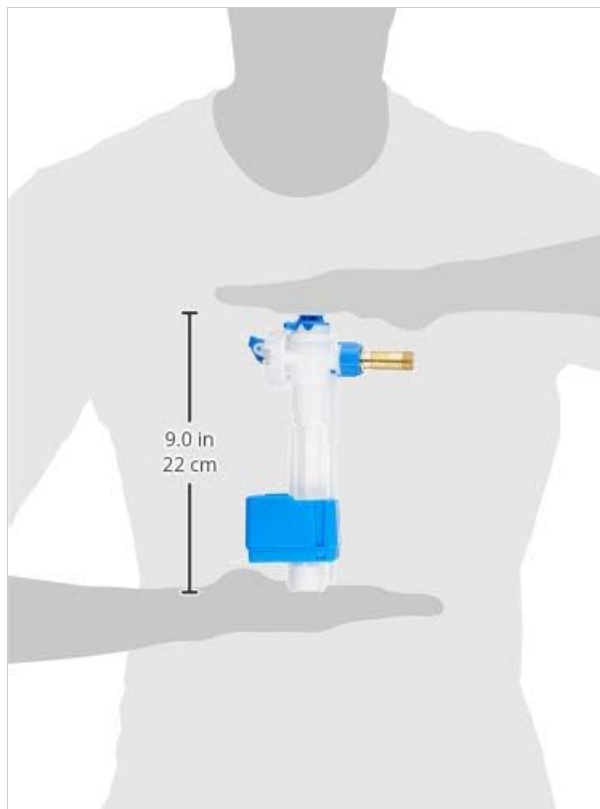
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Follow these steps for proper installation of your Fluidmaster 747E fill valve:

- Preparation:** Turn off the water supply to the toilet and flush the toilet to empty the cistern. Disconnect the water supply line from the old fill valve and remove the old valve.
- Insert New Valve:** Place the Fluidmaster 747E fill valve into the side inlet hole of the cistern. Ensure the shank washer is correctly positioned on the outside of the cistern.
- Secure Valve:** Hand-tighten the locknut onto the valve shank from the outside of the cistern. Do not overtighten.
- Connect Water Supply:** Reconnect the water supply line to the fill valve. Hand-tighten the connection, then use a wrench for a final quarter-turn to ensure a leak-free seal.
- Adjust Height:** The valve features a telescopic tube. Adjust the height of the valve by extending or retracting the tube to fit your cistern, ensuring the critical level mark is above the overflow pipe. The adjustable range is 225 mm to 350 mm.
- Adjust Water Level:** Turn on the water supply. Once the cistern fills, adjust the float rod to set the desired water level. The water level should be approximately 25 mm (1 inch) below the top of the overflow pipe.



An image showing the Fluidmaster 747E side inlet toilet fill valve, highlighting its blue and white components and brass connection. This illustrates the main product for installation reference.



A size reference image showing the Fluidmaster 747E toilet fill valve held by hands, indicating a height of 9.0 inches (22 cm). This helps visualize the product's physical dimensions.

## OPERATING INSTRUCTIONS

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The Fluidmaster 747E fill valve operates automatically to refill your toilet cistern after each flush. The key operational aspect is the adjustable water level:

- **Water Level Adjustment:** The float adjustment rod allows you to precisely increase or decrease the water level for an ideal water volume per flush. To adjust, gently move the float up or down along the rod. A higher float position results in more water in the cistern, while a lower position reduces it.
- **Anti-Siphon Feature:** The integrated anti-siphon device ensures that dirty water from the cistern cannot flow back into your clean water supply, maintaining hygiene and safety.
- **Quiet Operation:** This valve is designed for quiet refilling, minimizing noise during operation.

## MAINTENANCE

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Regular maintenance helps ensure the longevity and efficient operation of your fill valve:

- **Inspect Annually:** Periodically check the fill valve for any signs of wear, leaks, or mineral buildup.
- **Clean Filter (if applicable):** Some fill valves have a small filter screen at the water inlet. If your water supply has sediment, this screen may need occasional cleaning. Turn off the water, disconnect the supply line, and clean any debris.
- **Check for Obstructions:** Ensure the float mechanism moves freely and is not obstructed by other cistern components.
- **Avoid Harsh Chemicals:** Do not use harsh chemical cleaners inside the cistern, as they can damage rubber and plastic components of the valve.

## TROUBLESHOOTING

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If you encounter issues with your Fluidmaster 747E fill valve, consider the following common problems and solutions:

- **Toilet Runs Continuously:**
  - **Water Level Too High:** Adjust the float rod downwards to lower the water level. Ensure the water level is below the overflow pipe.
  - **Float Obstruction:** Check if the float is catching on any part of the cistern or other components, preventing it from fully closing the valve.
  - **Flapper/Seal Issue:** Ensure the flapper or flush valve seal at the bottom of the cistern is sealing correctly. A worn flapper can cause leaks, making the fill valve constantly refill.
- **Slow or No Fill:**
  - **Water Supply Off:** Ensure the main water supply to the toilet is fully open.
  - **Clogged Inlet:** Turn off the water supply and disconnect the water line. Check the fill valve's inlet for any debris or sediment that might be blocking water flow.
  - **Low Water Pressure:** Verify that your household water pressure is adequate.
- **Loud Filling Noise:**
  - **Water Pressure:** High water pressure can sometimes cause noise. Ensure the water supply valve is fully open, as a partially closed valve can sometimes create turbulence and noise.
  - **Valve Adjustment:** Ensure the valve is correctly installed and not vibrating against the cistern wall.

## SPECIFICATIONS


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<b>Model Number</b>	747E
<b>Brand</b>	Fluidmaster
<b>Dimensions (L x W x H)</b>	13.4 x 5.5 x 22.5 cm
<b>Weight</b>	0.28 grams
<b>Material</b>	Metal (Brass handle material)
<b>Color</b>	Chrome
<b>Special Features</b>	Adjustable water level, anti-leak design, quiet operation, easy installation
<b>Adjustable Height Range</b>	225 mm to 350 mm
<b>Certifications</b>	DIN, NF, KIWA
<b>UPC</b>	039961974747

## WARRANTY AND SUPPORT

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Specific warranty details for the Fluidmaster 747E fill valve are not provided within this manual. For warranty information, technical support, or further assistance, please contact Fluidmaster customer service directly or visit their official website. Keep your proof of purchase for any warranty claims.



747EL



**Fluidmaster®**

**SIDE INLET**

**TOILET FILL VALVE**  
**VÁLVULA FLOTADOR SILENCIOSA**



**Easy Install**  
**Quiet, Compact Size, Fits**  
**Most Cisterns or Toilets**

**Fácil Instalación**  
**De tamaño compacto y**  
**silencioso**  
**Adaptable a la mayoría**  
**de cisternas y Wc**



The retail packaging for the Fluidmaster 747E toilet fill valve, labeled 'SIDE INLET TOILET FILL VALVE' and 'VÁLVULA FLOTADOR SILENCIOSA'. This image provides context for product identification.