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› [Flomasta Bottom Inlet Brass Shank Fill Valve ½" for Toilet Cistern User Manual](#)

Flomasta 5317810081422

Flomasta Bottom Inlet Brass Shank Fill Valve ½" for Toilet Cistern

User Manual

1. INTRODUCTION

This user manual provides detailed instructions for the installation, operation, and maintenance of your Flomasta Bottom Inlet Brass Shank Fill Valve ½" for Toilet Cistern. Please read this manual thoroughly before installation and keep it for future reference. Proper installation and maintenance will ensure optimal performance and longevity of the product.

2. SAFETY INFORMATION

Always turn off the main water supply before beginning any installation or maintenance work on your toilet cistern. Wear appropriate personal protective equipment, such as gloves and eye protection, if necessary. If you are unsure about any step, consult a qualified plumber.

- Ensure water supply is completely shut off before installation.
- Do not overtighten connections, as this may damage the valve or plumbing.
- Keep small parts away from children.

3. PRODUCT OVERVIEW

The Flomasta Bottom Inlet Brass Shank Fill Valve is designed for use in toilet cisterns, providing efficient and reliable water refilling. It features a durable brass shank for secure connection and adjustable height settings to accommodate various cistern sizes.



Figure 1: Flomasta Bottom Inlet Brass Shank Fill Valve. This image shows the complete fill valve assembly, featuring the main white body, the grey float mechanism, and the brass threaded shank at the bottom for connection to the water supply.

Key Features:

- Brass shank bottom entry fill valve.
- Adjustable installation height: 203-323mm.
- Adjustable water work-line height: 125-260mm.
- Designed for toilet cistern applications.

4. SETUP AND INSTALLATION

Follow these steps for proper installation of the fill valve:

1. **Turn off Water Supply:** Locate the main water shut-off valve for your toilet or the entire house and turn it off. Flush the toilet to empty the cistern.
2. **Remove Old Fill Valve:** Disconnect the water supply line from the bottom of the old fill valve. Unscrew the retaining nut from underneath the cistern and remove the old valve.
3. **Prepare New Fill Valve:** Ensure the rubber washer is correctly seated on the brass shank of the new Flomasta fill valve.
4. **Insert New Fill Valve:** Insert the brass shank of the new fill valve through the hole at the bottom of the toilet cistern.
5. **Secure Valve:** From underneath the cistern, thread the retaining nut onto the brass shank and tighten it by hand. Use a wrench for a final quarter turn, being careful not to overtighten.
6. **Adjust Height:** The valve's installation height is adjustable from 203mm to 323mm. To adjust, twist the float mechanism to unlock, slide the upper part of the valve to the desired height, and then twist to lock it in place.
7. **Connect Water Supply:** Reconnect the water supply line to the brass shank of the new fill valve. Ensure a tight, leak-free connection.
8. **Turn on Water Supply:** Slowly turn the main water supply back on and check for any leaks around the connections.

5. OPERATING INSTRUCTIONS

Once installed, the Flomasta fill valve operates automatically to refill the toilet cistern after each flush. The water level is controlled by the float mechanism.

Adjusting Water Level:

The water work-line adjustable height is between 125mm and 260mm. To adjust the water level in the cistern:

1. Locate the float mechanism on the side of the fill valve.
2. Gently twist the float mechanism to unlock its position.
3. Slide the float up or down to achieve the desired water level. Moving the float up will increase the water level, and moving it down will decrease it.
4. Once the desired level is set, twist the float mechanism back to lock it securely in place.
5. Flush the toilet to test the new water level. Make further adjustments if necessary.

6. MAINTENANCE

Regular maintenance can help prolong the life of your fill valve and prevent common issues.

- **Cleaning:** Periodically inspect the valve for mineral deposits or debris, especially if you have hard water. Turn off the water supply, remove the valve, and gently clean any affected parts with a soft brush and mild descaling solution. Rinse thoroughly before reinstallation.
- **Leak Checks:** Regularly check for any signs of leaks around the valve connections or within the cistern. Address any leaks promptly to prevent water waste and potential damage.
- **Float Operation:** Ensure the float moves freely without obstruction. Any sticking or obstruction can lead to incorrect water levels or continuous filling.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Cistern not filling or filling slowly	Water supply off; clogged inlet; faulty valve mechanism.	Check water supply; clean inlet filter; inspect valve for debris or damage.
Cistern continuously filling/overflowing	Float set too high; float obstructed; faulty seal.	Adjust float level; clear obstructions; inspect and replace seals if worn.
Leaks around valve base	Loose retaining nut; damaged washer.	Tighten retaining nut (do not overtighten); replace rubber washer.

If you encounter issues not listed here or if the suggested solutions do not resolve the problem, please contact a qualified plumber or Flomasta customer support.

8. SPECIFICATIONS

Product Type: Bottom Inlet Brass Shank Fill Valve

Brand: Flomasta

Model Number: 5317810081422

Material: Brass (shank), Plastic (body)

Inlet Connection Size: 1/2 inch

Inlet Connection Type: Bottom

Adjustable Installation Height: 203mm - 323mm

Adjustable Water Work-line Height: 125mm - 260mm

Item Weight: 390 g

Package Dimensions: 26.9 x 11.2 x 6.9 cm

9. WARRANTY AND SUPPORT

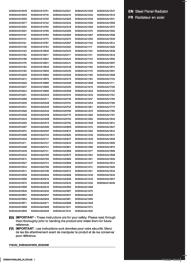
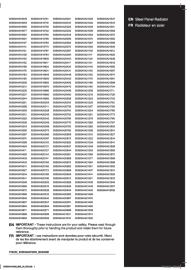
For warranty information or technical support, please refer to the original product packaging or contact Flomasta customer service directly. Keep your proof of purchase for any warranty claims.

Note: Warranty terms may vary based on region and retailer.

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Related Documents - 5317810081422

	<p><u>Flomasta Universal 4-in-1 Fill Valve Installation and Maintenance Guide</u></p> <p>Comprehensive guide for installing and maintaining the Flomasta universal 4-in-1 fill valve (1/2" & 3/8" connections). Includes safety, parts, assembly, and care instructions.</p>
	<p><u>Flomasta Bottom Entry Flushing Kit Installation and Maintenance Manual</u></p> <p>Comprehensive guide for installing, maintaining, and troubleshooting the Flomasta Bottom Entry Flushing Kit. Includes safety instructions, parts list, assembly steps, and guarantee information.</p>
	<p><u>Flomasta Push-Fit Fittings, Valves, Accessories, and Pipes - Product Catalog and Installation Guide</u></p> <p>Comprehensive catalog of Flomasta's range of push-fit fittings, valves, and pipes, including detailed product specifications, installation instructions, and technical information for plumbing and heating systems.</p>

	<p><u>Flomasta Heating Con - Instruction Manual and Safety Guide</u></p> <p>Comprehensive user manual for the Flomasta Heating Con, covering installation, operation, safety precautions, and maintenance. Learn how to safely and efficiently use your Flomasta heating device.</p>
	<p><u>Flomasta Type 21 Double-Panel Plus Radiator Instruction Manual</u></p> <p>Instruction manual for the Flomasta Type 21 Double-Panel Plus Single Convector Radiator, model 1509115030, with dimensions 600 x 600mm and 2736BTU output. Provides essential information for installation and use.</p>
	<p><u>Flomasta Type 11 Radiator 600x700mm - Model 1509115030</u></p> <p>Information and specifications for the Flomasta Type 11 Single-Panel Single Convector Radiator (600 x 700mm, White, 2271BTU). Includes model number 1509115030.</p>