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› NuFlush 1/2 inch Water Line Connection Toilet Fill Valve Instruction Manual, Model 606795636662

NuFlush 606795636662

NuFlush 1/2 inch Water Line Connection Toilet Fill Valve Instruction Manual

Model: 606795636662

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your NuFlush 1/2 inch Water Line Connection Toilet Fill Valve. Please read this manual thoroughly before installation and retain it for future reference. This fill valve is designed for universal fit in both 1 and 2 piece toilets that are bottom water fed with a 1/2 inch water line connection.

2. PRODUCT OVERVIEW

The NuFlush toilet fill valve is a high-speed, adjustable unit designed to efficiently refill your toilet tank. It features an adjustable tower valve, allowing for water height adjustments from 8 to 13 inches. The valve includes a refill tube and an attachment nut for complete installation.



Figure 2.1: The NuFlush 1/2 inch Water Line Connection Toilet Fill Valve, shown with the included attachment nut. This image displays the main components of the fill valve assembly.



Figure 2.2: This image illustrates the adjustable height range of the NuFlush fill valve, from 8 to 13 inches, and highlights the 1/2-inch connection size. It also shows the optional 7/8-inch adapter.

3. SPECIFICATIONS

Brand	NuFlush
Model Number	606795636662
Connection Size	1/2 inch
Adjustable Height	8 to 13 inches
Compatibility	Universal for 1 and 2 piece toilets (bottom water fed)
Includes	Refill tube, Attachment nut

4. SETUP AND INSTALLATION

Before beginning installation, ensure the water supply to the toilet is turned off and the tank is empty. You may need basic plumbing tools such as a wrench and a towel.

4.1 Removing the Old Fill Valve

1. Turn off the water supply valve located at the wall or floor behind the toilet.
2. Flush the toilet to drain most of the water from the tank.
3. Use a sponge or towel to remove any remaining water from the tank.
4. Disconnect the water supply line from the bottom of the old fill valve. Have a bucket ready to catch any residual water.
5. Unscrew the mounting nut from the underside of the toilet tank that secures the old fill valve.
6. Remove the old fill valve from the tank.

4.2 Installing the NuFlush Fill Valve

1. Insert the new NuFlush fill valve into the hole at the bottom of the toilet tank. Ensure the rubber washer is correctly seated on the valve shank inside the tank.
2. From the underside of the tank, thread the attachment nut onto the fill valve shank. Hand-tighten first, then use a wrench to tighten an additional 1/4 to 1/2 turn. Do not overtighten.
3. Connect the refill tube to the small port on the top of the fill valve and clip the other end to the overflow pipe in the tank. Ensure the tube is positioned above the water level in the tank.
4. Reconnect the water supply line to the bottom of the new fill valve. Hand-tighten, then use a wrench for a final snug turn.



Figure 4.1: View of the bottom connection of the NuFlush fill valve, showing the threaded shank and attachment nut area. This is where the water supply line connects.

4.3 Adjusting Water Height

The NuFlush fill valve allows for adjustment of the water level in the toilet tank. To adjust, locate the adjustment clip or collar on the main shaft of the fill valve. Typically, you can twist or slide this mechanism to raise or lower the float cup, thereby setting the desired water level between 8 and 13 inches. Ensure the water level is below the overflow pipe.





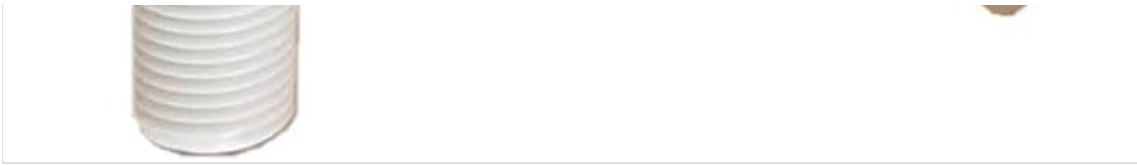


Figure 4.2: The NuFlush fill valve showing the refill tube connected and the adjustable shaft for setting water height. The adjustment mechanism is visible on the main body of the valve.

5. OPERATING INSTRUCTIONS

Once installed and adjusted, turn the water supply back on slowly. The tank will begin to fill. The fill valve will automatically shut off when the water reaches the set level. Flush the toilet several times to ensure proper operation and check for leaks.

- **Water Level:** Verify the water level in the tank is at the desired height and below the top of the overflow pipe.
- **Refill Tube:** Ensure the refill tube is directing water into the overflow pipe to refill the toilet bowl after flushing.
- **Leak Check:** Inspect all connections for any signs of water leakage.

6. MAINTENANCE

Regular maintenance can extend the life of your fill valve and prevent common toilet issues.

- **Cleaning:** Periodically inspect the fill valve for mineral deposits or debris, especially if you have hard water. Turn off the water supply, drain the tank, and gently clean any affected parts with a soft brush and mild cleaner.
- **Float Mechanism:** Ensure the float cup moves freely without obstruction.
- **Refill Tube:** Check that the refill tube remains securely attached and correctly positioned.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Toilet runs continuously or cycles on and off.	Water level too high; fill valve not shutting off; flapper not sealing.	Adjust the fill valve to lower the water level. Check for obstructions around the float. Inspect the flapper for proper seal.
Toilet fills slowly.	Low water pressure; clogged fill valve inlet.	Check water supply valve is fully open. Turn off water, remove fill valve, and inspect inlet screen for debris. Clean if necessary.
No water entering tank.	Water supply turned off; fill valve clogged.	Ensure water supply valve is open. Check fill valve inlet for obstructions.
Water leaks from connections.	Loose connections; damaged washers.	Tighten connections (do not overtighten). Inspect washers for damage and replace if necessary.

8. WARRANTY INFORMATION

NuFlush products are manufactured to high-quality standards. For specific warranty details regarding your 1/2 inch Water Line Connection Toilet Fill Valve, please refer to the product packaging or contact NuFlush customer support directly. Keep your proof of purchase for warranty claims.

9. CUSTOMER SUPPORT

If you encounter any issues or have questions not covered in this manual, please contact NuFlush customer support. Visit the official NuFlush website for contact information or refer to your product packaging.

NuFlush Website: [NuFlush Store on Amazon](#)

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