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SIAMP Sensea Essential

SIAMP Float Valve for WC Support Frames User Manual

Brand: SIAMP | Model: Sensea Essential

1. PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the SIAMP Float Valve, designed for use with WC support frames. This float valve is compatible with various SIAMP WC packs, including NEREA 2, BASIA, DADO, INITIA, MAHE, LORI, CORIA, and MALO, as well as SENSEA ESSENTIAL suspended WC systems.



Figure 1: SIAMP Float Valve for WC Support Frames

The valve features a lateral supply type and an angle stop valve design, utilizing a hydraulic counter-pressure float system for efficient water control. It is engineered for water saving and operates quietly, with a noise level below 20 decibels.

2. SPECIFICATIONS

Feature	Detail
Product Type	Float Valve for WC Support Frames
Compatible WC Packs	SIAMP: NEREA 2, BASIA, DADO, INITIA, MAHE, LORI, CORIA, MALO; SENSEA: ESSENTIAL
Outlet Thread	12 x 17 mm
Inlet Thread	12 x 17 mm
Inlet Thread Pitch	3/8 inch
Product Finish	Nickel-plated
Main Material	Plastic
Supply Type	Lateral
Valve Type	Angle Stop Valve
Float Valve System	Hydraulic Counter-pressure
Noise Level	Less than 20 dB
Water Saving	Yes
Item Weight	370 grams
Manufacturer	Weldom

3. SETUP AND INSTALLATION

Installation of the SIAMP Float Valve should be performed by a qualified professional or an experienced individual following local plumbing codes and safety regulations. Ensure the water supply to the WC system is turned off before beginning installation.

- **Preparation:** Turn off the main water supply to the toilet. Flush the toilet to empty the cistern.
- **Removal of Old Valve (if applicable):** Disconnect the water supply line from the old valve. Unscrew and remove the old float valve from the cistern.
- **Installation of New Valve:** Insert the new SIAMP Float Valve into the designated opening in the WC support frame or cistern. Ensure the sealing washer is correctly positioned to prevent leaks.
- **Secure Connection:** Tighten the retaining nut from underneath the cistern to secure the valve firmly. Do not overtighten.
- **Connect Water Supply:** Connect the water supply line to the 3/8 inch inlet thread of the new float valve. Use appropriate tools to ensure a tight, leak-free connection.
- **Adjust Water Level:** Once installed, slowly turn on the water supply. Allow the cistern to fill. The float mechanism will automatically stop the water flow at the preset level. Adjust the float arm or screw mechanism on the valve to achieve the desired water level for optimal flushing and water saving.
- **Check for Leaks:** Carefully inspect all connections for any signs of leaks. Tighten connections if necessary.

4. OPERATING INSTRUCTIONS

The SIAMP Float Valve operates automatically to maintain the water level within your WC cistern. When the toilet is flushed, the water level drops, causing the float to descend. This opens the valve, allowing water to refill the cistern. As the water level rises, the float ascends, and once the preset level is reached, the valve closes, stopping the water flow.

No manual intervention is required for daily operation. Ensure the float mechanism moves freely and is not obstructed by any components within the cistern.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and efficient operation of your float valve. While the SIAMP Float Valve is designed for durability, periodic checks are recommended.

- **Periodic Inspection:** Annually inspect the valve for any signs of wear, corrosion, or mineral buildup, especially in areas with hard water.
- **Cleaning:** If mineral deposits (limescale) are observed, turn off the water supply and carefully remove the valve. Clean affected parts using a mild descaling solution or white vinegar. Rinse thoroughly before reinstallation.
- **Check for Leaks:** Regularly check for any slow leaks into the toilet bowl, which could indicate a faulty fill valve or flush valve. A running toilet often points to an issue with the float valve not sealing properly.
- **Float Mechanism:** Ensure the float arm and float itself are free from obstructions and can move smoothly up and down.

6. TROUBLESHOOTING

If you encounter issues with your SIAMP Float Valve, consider the following common problems and solutions:

- **Toilet Runs Continuously:**
 - **Cause:** Float set too high, water level too high, float arm obstructed, or valve seal worn.
 - **Solution:** Adjust the float to lower the water level. Clear any obstructions around the float arm. Inspect and clean the valve's internal seal; replace if worn.
- **Toilet Fills Slowly or Not at All:**
 - **Cause:** Water supply partially off, inlet filter clogged, or valve mechanism obstructed.
 - **Solution:** Ensure the water supply valve is fully open. Turn off water, disconnect supply line, and check the inlet filter for debris. Clean or replace if necessary. Inspect the valve for internal obstructions.
- **Water Level Too Low:**
 - **Cause:** Float set too low.
 - **Solution:** Adjust the float to raise the water level in the cistern.

If these steps do not resolve the issue, it is recommended to consult a qualified plumber.

7. WARRANTY AND SUPPORT

Specific warranty information for the SIAMP Float Valve may vary depending on your region and point of purchase. Please refer to your purchase documentation or contact the retailer for details regarding warranty coverage.

For technical support or inquiries about spare parts, it is recommended to contact SIAMP customer service or the authorized distributor in your area. Information regarding spare parts availability was not provided at the time of

product listing.

You may find additional support and product information on the official SIAMP website www.siamp.com

