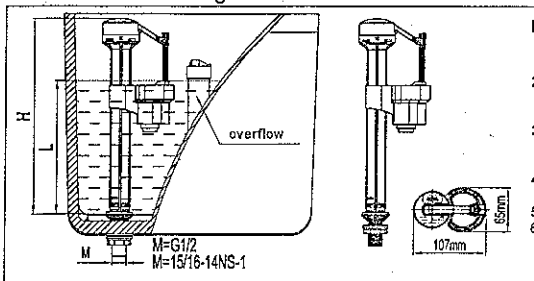
Fill Valve Installation Instructions

Version 1.1

Installation Drawing



The height of "H" & "L" doesn't include the height of triangle seal.
10" fill valve pipe H=254mm L adjustable range 133-185mm
11" fill valve pipe H=287mm L adjustable range 166-218mm

Instructions

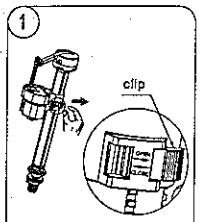
1). Please read carefully the following installation instructions in order to avoid component damage or injury to the installer.
2). The instructions have been composed based in the latest product specifications. We reserve the right to make modifications to the packaging and specifications without providing prior notification.
3). When installing the fill valve, the critical level on the fill valve(identified on the valve marked "CL")should be at least 1" (25.4mm) above the top of the overflow pipe of the flush valve. This is a plumbing code.
4). We shall not be responsible for failures that are contributed to the use of parts other than those specified.
5). Water Temperature: 2°C to 45°C
6). Water Pressure Range: 0.02Mpa (0.2 Bar) to 0.8Mpa (8 Bar)

⚠ w a r n i n g

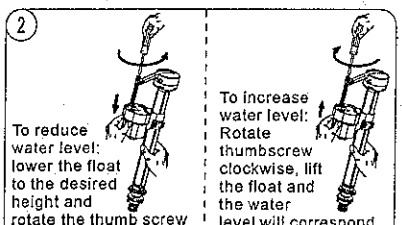
DO NOT USE OR DROP ANY CHLORINE OR ANY CHEMICAL RELATED COMPONENTS. USE OF SUCH PRODUCTS WILL (1) RESULT IN DAMAGE TO TANK COMPONENTS AND MAY CAUSE FLOODING AND PROPERTY DAMAGE AND (2) VOID WARRANTY.
DO NOT OVERTIGHTEN NUTS, OR TANK/BOWL MAY CRACK.

I、Work Preparation: Remove the inoperative tank fittings and carefully clean the water cistern/tank. Make sure all debris has been removed prior to installing new tank fittings.

II、Water Level Adjustment

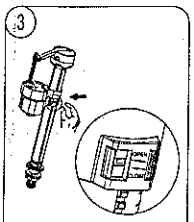


Slide tab in the "Open" direction as shown in the drawing.



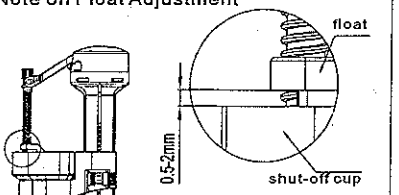
To reduce water level: lower the float to the desired height and rotate the thumb screw counterclockwise. This will move the float down. (As per drawing)

To increase water level: Rotate thumbscrew clockwise, lift the float and the water level will correspond. Set the float to the desirable position. (as per drawing)



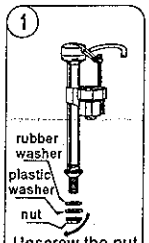
Slide the tab to the "CLOSE" position as per the drawing.

Note on Float Adjustment

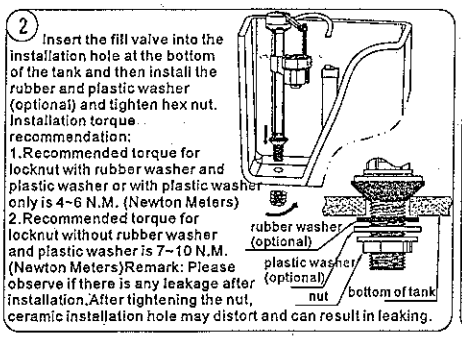


Make sure that distance between float and shut-off cup is 0.5-2mm while at adjustment.

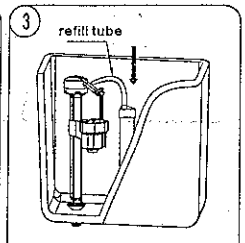
III、Fill valve Installation



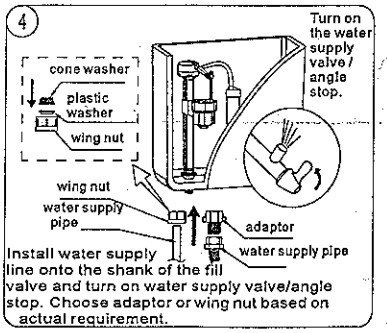
Unscrew the nut and remove both the plastic and rubber washer (optional).



Insert the fill valve into the installation hole at the bottom of the tank and then install the rubber and plastic washer (optional) and tighten hex nut.
Installation torque recommendation:
1. Recommended torque for locknut with rubber washer and plastic washer or with plastic washer only is 4~6 N.M. (Newton Meters)
2. Recommended torque for locknut without rubber washer and plastic washer is 7~10 N.M. (Newton Meters) Remark: Please observe if there is any leakage after installation. After tightening the nut, ceramic installation hole may distort and can result in leaking.

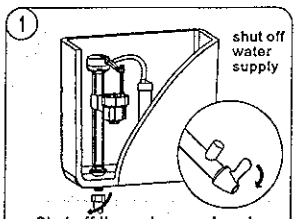


Insert the refill tube into the overflow pipe (optional) of the flush valve

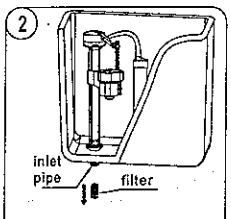


Install water supply line onto the shank of the fill valve and turn on water supply valve/angle stop. Choose adaptor or wing nut based on actual requirement.

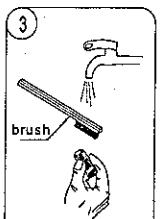
IV、Cleaning Filter (Filter which is located inside the inlet valve shank is required for cleaning periodically)



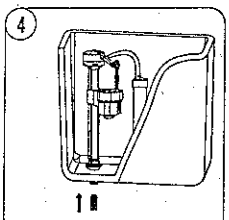
Shut off the water supply valve (angle stop) then remove the water supply line from the inlet adaptor.



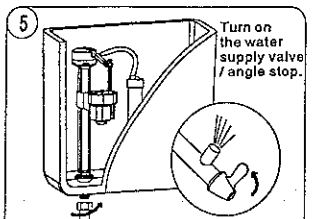
Remove the filter screen from the inner portion of the shank.



Clean the filter screen with water



Re - install clean filter back into the inner portion of the shank.

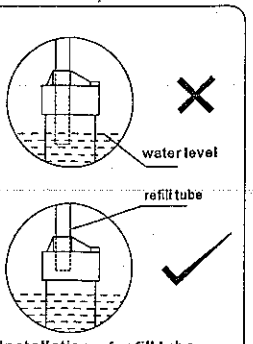


Insert the water supply line back to the inlet valve shank and turn on the water supply valve/angle stop.

V、Troubleshooting

	Issue	Cause	Resolution
1	Water line is too high or too low.	Inlet valve is not adjusted to a suitable position.	Adjust the water level to the appropriate water level
2	Inlet valve does not shut off.	1) The cistern/tank wall has blocked the movement of the inlet valve float. 2) The refill tube wasn't installed properly 3) Leakage of flush valve. 4) The water level is above overflow pipe of flush valve.	1) Adjust the fill valve to the appropriate position and make sure float can move freely. 2) See figure attached to re-install refill tube correctly. 3) Make sure none leakage of flush valve. 4) Re-adjust water level to appropriate.
3	Inlet valve does not turn on.	1) Water supply valve/angle stop is off. 2) The cistern/tank wall has blocked the movement of the inlet valve float. 3) Filter screen is dirty	1) Turn on the water supply valve/angle stop 2) Adjust the fill valve to the appropriate position and make sure float can move freely. 3) Clean filter screen

Installation of refill tube :



Installation of refill tube (optional) Make sure refill tube is above water line.

Thank you for choosing our product. You may contact our local dealer directly for prompt service if you have any questions.

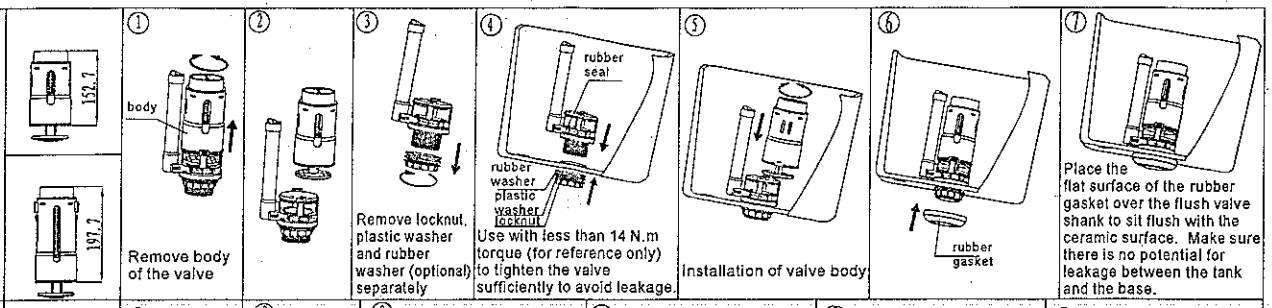
Version 1.2

Dual Flush Valve Installation Instructions

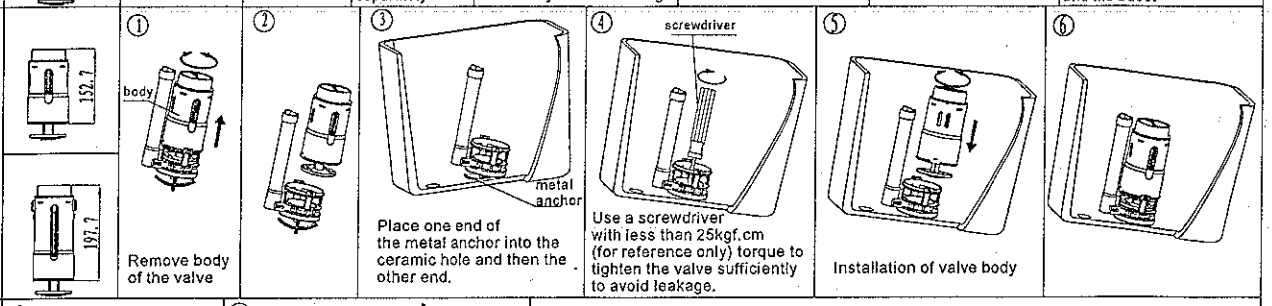
Work Preparation: Remove the inoperative tank fittings and carefully clean the water cistern/tank.
Make sure all debris has been removed prior to installing new tank fittings.

Note : 1.This device is not intended to be used as retrofit device for1.28 gpf water closet.
2. Performance may vary since product was not tested on all models of water closets"

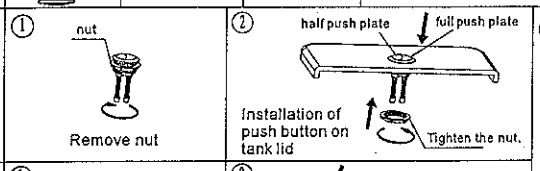
Two piece flush valve installation



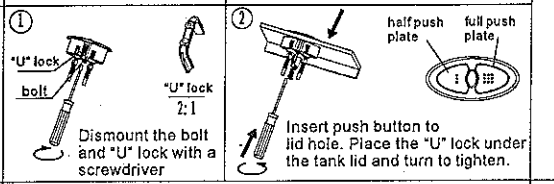
One piece flush valve installation

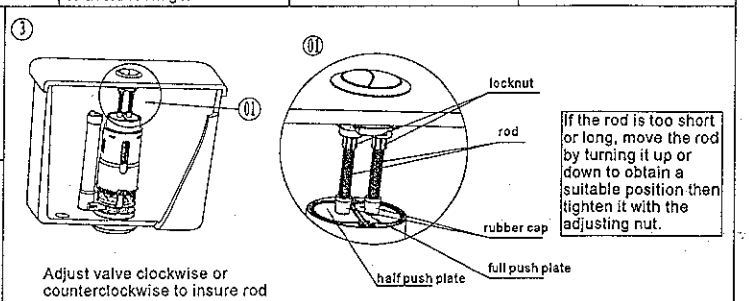


Installation of push button with screw and nut



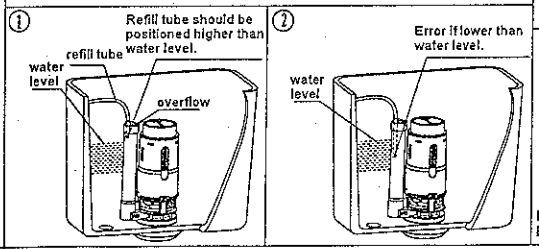
Installation of push button with "U" lock





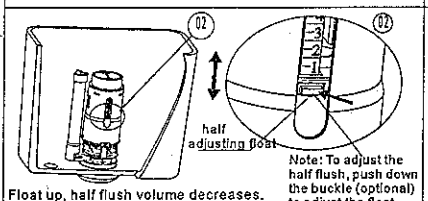
Refill tube installation and adjustment of flush volume

I、Refill tube Installation (A refill tube is optional based on the user's requirements)

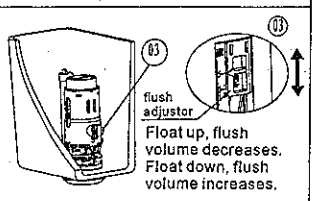


II、Adjustment of flush volume

I、Adjustment of half flush volume

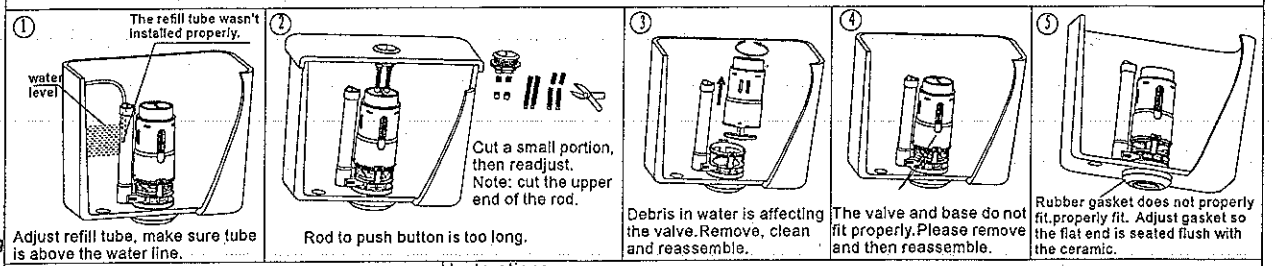


II、Adjustment of full flush volume

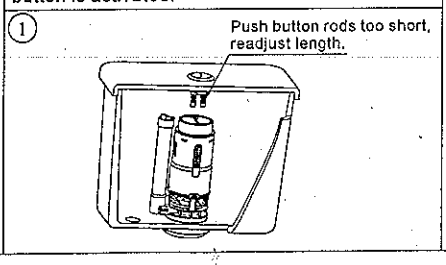


Troubleshooting

I、Leaking



II、Little or no flush volume when the push button is activated.



Instructions

1).Please read carefully the following installation instructions in order to avoid component damage or injury to the installer.
2).The instructions have been composed based in the latest product specifications.We reserve the right to make modifications to the packaging and specifications without providing prior notification.
3).When installing the fill valve,the critical level on the fill valve(identified on the valve marked "CL")should be at least 1" (25.4mm) above the top of the overflow pipe of the flush valve.This is a plumbing code.
4).We shall not be responsible for failures that are contributed to the use of parts other than those specified.
5).Water Temperature:2°C to 45°C
6).Water Pressure Range:0.02Mpa (0.2 Bar) to 0.8Mpa (8 Bar)

⚠ warning

DO NOT USE OR DROP ANY CHLORINE OR ANY CHEMICAL RELATED COMPONENTS.USE OF SUCH PRODUCTS WILL
(1) RESULT IN DAMAGE TO TANK COMPONENTS AND MAY CAUSE FLOODING AND PROPERTY DAMAGE AND
(2) VOID WARRANTY.
DO NOT OVERTIGHTEN NUTS, OR TANK/BOWL MAY CRACK.

Thank you for choosing our product. You may contact our local dealer directly for prompt service if you have any questions.