

Fill Valve Installation Instruction

Fill Valve Installation Drawing

INSTRUCTION

- Please read carefully the following installation instructions. In order to avoid injuring body or damaging equipment, please install the equipment following the instructions step by step.
- The instructions are compiled according to the up-to-date product information. We reserve the rights to make the changes about specifications, packaging and supplying without prior notice.
- When valve installed, the critical level mark on fill valve (identified by a C.L mark on valve body) should be at least 1" (=25.4mm) above top of overflow pipe. This is a plumbing code.
- We shall not be responsible for any failure of using any parts from other companies.
- Water temperature: 2°C-45°C.
- Water pressure: 0.02Mpa-0.8Mpa.

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.

9" fill valve pipe H adjustable range 210-236 L adjustable range 98-248
 11" fill valve pipe H adjustable range 240-353 L adjustable range 141-313

I Preparation Please remove the worn out fittings and clean your tank when you just install a new one, there might be lots of impurities in your tank, so clean your tank should be the first thing you do.

II Water level adjustment

(1) Major water level adjustment.

Take down the stopper as per drawing direction.

Unscrew fill valve body anticlockwise, press upwards or pull down to desired height, and fasten valve body clockwise.

Install stopper as per drawing direction.

To reduce water level: lower water-cup to desired height, and rotating screw anticlockwise, making the float down to suitable position (Reference float instruction.)

To increase water level: Rotating screw clockwise, raise the float and water level. Meanwhile raise water-cup to suitable position. (Reference float instruction.)

Fasten the stopper along with "CLOSE" direction on drawing.

(2) Minor water level adjustment

Take out the stopper along "OPEN" direction shown on drawing.

Adjust screw to ensure that E surface goes down 2-4mm lower than G.

III Installation of fill valve

Switch the nut and then turn down plastic seal and rubber seal.

Insert the fill valve pipe into the fixing hole, and screw the nut.

Insert the refill tube (optional based on customers' requirement) into the overflow pipe.

Turn on water supply. Screw the water supply pipe into the fill valve connector, open the water supply.

IV. Filter cleaning. (Please clean the filter periodically.)

Shut off water supply. Shut off water supply and unscrew water supply nut.

Take out filter screen from inlet pipe.

Flush the filter screen.

Install clean filter screen into inlet pipe.

V. Trouble shooting

Connect water supply to inlet valve and turn on water supply. Turn on water supply.

Trouble	Cause	Trouble Shooting Methods
Water level too high or too low.	Improper water level adjustment	Adjust the water level
Fill valve fail to shut off or fill the water.	1. Inlet valve switch not turned on. 2. Inlet valve float crushed against ceramic wall. 3. Filter screen clogged due to dirty water. 4. Improper refill hose installation.	1. Turn on inlet valve switch. 2. Adjust inlet valve position. 3. Clean the filter screen. 4. Install refill hose correctly (reference attached picture.)

Attached Picture

Insert refill hose into overflow pipe, make sure refill hose NOT lower than water level.

