

September 2025

# 40mm Water Tank Fill Valve



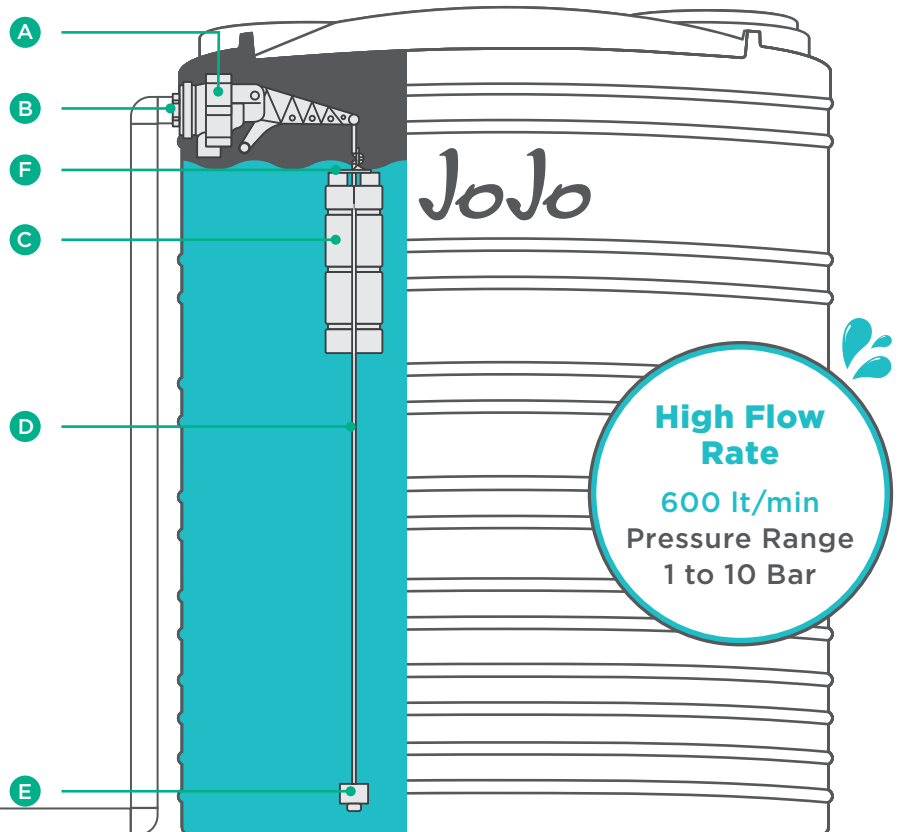
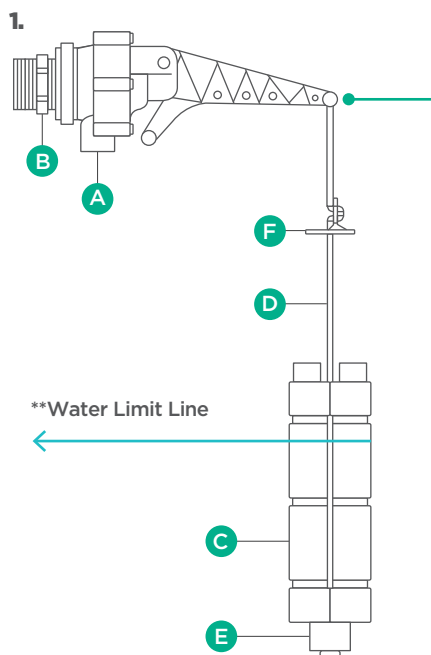
## Instructions for use

- ✓ Adjustable to levels ranging from 50mm to 2.5m
- ✓ Ideal for municipal and pump fed backup water storage tanks
- ✓ Reduces pump run time and start/stop operations

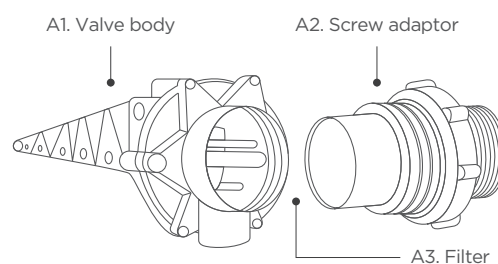
### WHAT'S IN THE BOX?

#### 1. 40mm Water Tank Fill Valve complete with:

- A** Fill valve
- B** Lock nut
- C** Plastic floater
- D** 2.5m cord
- E** Minimum level stopper
- F** Maximum level stopper



#### Fill valve's buckle-joint feature



#### Why is this important?

Over time, the filter inside the fill valve may accumulate dirt and will need to be removed and cleaned.

To make this easier, the valve has a screw adaptor that allows you to disengage and re-engage it without having to disconnect the plumbing.

*Refer to the maintenance instructions for more detail on when to utilise this feature.*

## INSTALLATION AND USAGE GUIDELINES

**i Important:** Avoid installing the valve directly next to an overflow outlet or any possible obstruction.

### Pre-installation

We recommend installing this valve at your tank's inlet.

Make sure the incoming pipeline is clear of any debris, this unit is suited for clean water use only.

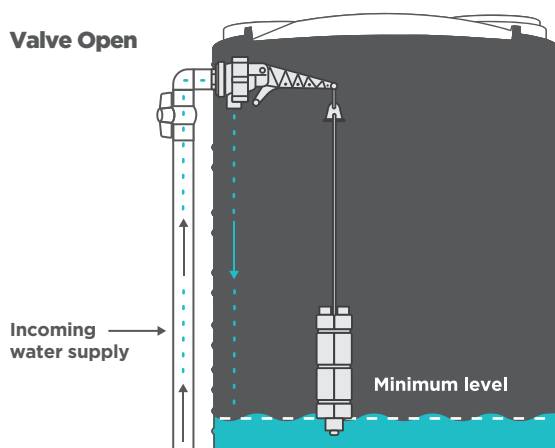
### Installation

- 01** Remove the lock nut **(B)** from the fill valve's **(A)** inlet thread. Drill a 40mm hole near the existing tank inlet, on a suitably flat surface near the top of the tank.
- 02** Insert the valve **(A)** through the 40mm hole, ensuring the outlet points downwards. Secure it from the outside by tightening the locknut **(B)** onto the thread and apply thread tape to the valve's inlet thread.
- 03** Fill both floats **(D)** with water up to the *water limit line*.\*\* **Important:** For proper buoyancy and accurate operation, each float must be filled precisely to the indicated water limit line.
- 04** Position the minimum level stopper **(E)** at your desired *VALVE OPEN* level, then tie off the cord at the end of the valve's arm. **Note:** For easier adjustments, we recommend using the double-hole end loop system to allow for tying off as needed.
- 05** Ensure that the float **(D)** is free to move between the minimum **(E)** and maximum **(F)** level stoppers. Then, set the maximum level stopper **(F)** at the desired *VALVE CLOSED* position.
- 06** Once you're satisfied with the calibration, either trim any excess cord or neatly tuck it aside to prevent tangling within the valve. **Note:** Leaving extra cord allows for easy adjustments if needed.

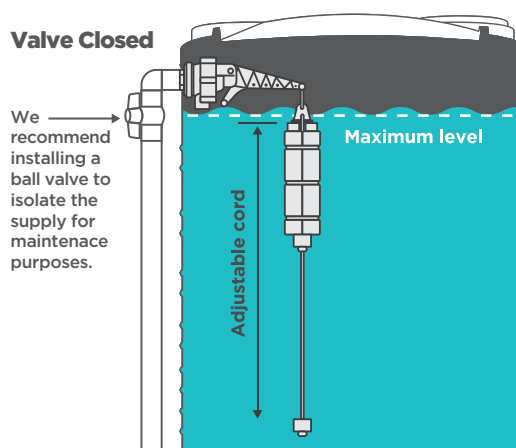
**Note:** If the pressure in the supply line drops below 1 Bar due to supply restrictions or possible leaks, the fill valve may open before the floater reaches the minimum level stopper. To prevent this, we recommend installing a non-return valve before the fill valve to maintain a minimum water pressure of 1 Bar after shut off.

## OPERATION

### Valve Open



### Valve Closed



## MAINTENANCE

### Cleaning the Fill Valve

Over time, the filter inside the fill valve may accumulate dirt and will need to be removed and cleaned. To make this easier, the valve has a screw adaptor that allows you to disengage and re-engage the valve without having to disconnect the plumbing.

*Refer to the "What's in the Box" diagram for details on the location of each component mentioned in the instructions below.*

- 01** Switch off the supply to the fill valve **(A)**.
- 02** Unscrew the screw adaptor **(A2)** from the fill valve body **(A1)**.
- 03** Pull out the filter **(A3)**, rinse it and reinsert it.
- 04** Reinsert the fill valve body **(A1)** to the screw adaptor **(A2)**.