### Maintenance and cleaning of filling valve

The Torbeck valve is fitted with a filter which may need cleaning occasionally to ensure that optimum water-flow is maintained. The filter is essential for correct functioning.

The procedure for cleaning the valve is as follows:

1. Turn off the water.
2. Unscrew height adjusting nut and extract grooved telescopic column from pedestal. **Note:** Float and down fill tube are attached and are integral parts of the telescopic column.
3. Using suitable pliers, withdraw the flow restrictor and filter located inside the end of the telescopic column and remove for cleaning.
4. When cleaning is complete, replace the filter and restrictor and insert telescopic column into pedestal. When satisfied, make sure the collet has ‘clicked’ into position in the chosen groove, and lock column into position by tightening nut, **hand tight only.**
5. Turn on the water and check for leaks.

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**Features fitting instructions**

**Torbeck B610RD Side entry filling valve**

**STAGE 3**

**Maintenance and cleaning of filling valve**

The Torbeck valve is fitted with a filter which may need cleaning occasionally to ensure that optimum water-flow is maintained. The filter is essential for correct functioning.

The procedure for cleaning the valve is as follows:

1. Turn off water supply.
2. Disconnect water supply from threaded tail.
3. Remove the filter/restrictor from threaded tail.
4. Clean the filter/restrictor by washing in water and ensure all grit and debris is removed.
5. Re-insert the filter/restrictor into tail and re-connect water supply.

**Restrictors and water pressures**

- **3/4" Plastic**
  - 4 bar (55 psi) minimum working pressure
  - Below 4 bar (55 psi) no restrictor, cut off (see opposite)
  - 1-4 bar (14-60 psi) Combined blue LP filter/restrictor
  - 4 bar (55+ psi) Combined white HP filter/restrictor

   *Please ensure the correct water flow is maintained using restrictors in relation to the table above. Note, it is essential that the overflow rate must be greater than the fill rate when the valve is fully open. Warning: Solder flux and some sealing compounds can damage this plastic plumbing product.*

**Flow restrictor**

- **Low pressure**
  - ½" Filter (0.1 bar minimum)
  - Below 1 bar (14 psi) No restrictor, cut off below (see opposite)

**Filter/Restrictor**

- **High Pressure**
  - 4 bar (55+ psi)

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**Low noise for quiet and efficient fill**

**Height adjustable from 8½" to 11½"**

**Reduces water hammer**

**Neat and compact**
Pre-installation

1. Turn off the water supply to cistern and remove cistern lid.
2. While still full, mark the normal water level on the inside of the cistern.
3. Flush the cistern and remove all remaining water with a sponge or cloth. Ensure all dirt and particles are removed as they could impair the flush valve operation.
4. Disconnect and remove existing filling valve.

Fitting your Torbeck filling valve

1. Fit the Torbeck filling valve ensuring the rubber washer is on the inside of the tank with the conical side face down. Hand tighten the back nut and with a spanner, tighten a further three-quarter turn. Do not overtighten.
2. Insert float spiral stem horizontally between the two lower jaws and twist to engage upper jaw.
3. The overall height of the valve can now be altered by simply adjusting the telescopic column. Then push together to shorten, or pull apart to lengthen the valve and then tighten nut.

Important note: The filter, together with the high or low flow restrictor is accommodated inside the end of the grooved telescopic column and is easily removed/exchanged by fully extracting the column and withdrawing with pliers. To set the valve to the correct length (Dimension A), either use the old valve as a guide, or fit the new valve and adjust into position. When satisfied, make sure the collet has ‘clicked’ into position in the chosen groove, and lock column into position by tightening nut, hand tight only.
4. Check anti-siphon assembly is snapped into place securely.
5. Turn on the water supply. Allow the cistern or tank to fill. Adjust water level by twisting float up or down.

Important for new-build installations: Before turning water on, ensure that one cold water tap is open so that dirt and loose particles in the pipe work are flushed through the tap.