

EDC2034 Stainless Steel Tower Standpipe

The EDC2034 Standpipe features a double check valve to prevent back-flow and cross contamination. This unit is suitable for a Fluid Category 3 application.

The standpipe is supplied with a 25mm Push Fit fitting, suitable for 25mm MDPE rising main.

Installation

The EDC2034 is designed to be installed below ground. Groundwork should allow for a trench depth of 750mm (Regulation G7.7 - DEFRA Guidance/WRAS*) below ground. The unit should be installed at this depth and backfilled to secure the unit in place.

25mm MDPE pipe is necessary to connect to the unit. You may require reducing couplers (not supplied) to complete the installation. Use the supplied Polyflex insulation to insulate pipework and fittings above ground, to reduce risk of frost damage.

* G7.7 Wherever practicable and except for pipes laid under a building, the vertical distance between the top of every water pipe installed below ground and the finished ground level should be: a. not less than 750mm; and b. not more than 1,350mm

How to Install the Unit.

Step 1. Remove both the front and rear panels of the unit, by removing the M6 hex bolts. Safely set aside both panels. Note: the front and rear panels have been designed to be interchangeable, when mounting to the standpipe.

Step 2. Install the standpipe into the 750mm trench. Feed the 25mm MDPE pipe through one of the two inlet slots, so that the MDPE is rising through the standpipe column. Backfill the trench and secure the standpipe in place and ensure that the ground is stable. Note: the two inlet slots coupled with the interchangeable panels allow the installer to configure the outlet tap in their preferred direction.

Step 3. Taking the front plate (attached plumbing), measure and cut the MDPE to the required length for a suitable installation. Using a pipe insert (not supplied), push the MDPE into the 25mm B Push Coupler until the MDPE is secure and fully inserted into the unit.

Step 4. Reattach the front plate to the standpipe unit, using the 4 x M6 Hex bolts.

Step 5. Make sure that the service valve is open (pointing down) and that the outlet tap is fully open.

Step 6. Reattach the rear plate of the unit using the supplied 4 x M6 Hex bolts.

Step 7. Test the unit, by turning on the mains water connection. Close the outlet tap after water has started to flow.

Step 8. Lock the unit using a padlock (not supplied), when not in use, to protect against vandalism and to secure your water supply against misuse.

Servicing and Maintenance

The EDC2034 is equipped with a service valve that can isolate the incoming water supply. This also allows the operator to isolate the water supply over winter, in combination with opening the outlet tap, reducing the risk associated with extreme weather conditions.

During severe weather

The standpipe is insulated to provide reasonable protection against frost damage. However, during prolonged period of freezing conditions you should isolate the water supply at source (e.g. usually in an underground chamber or building). The outlet tap of the standpipe should be left open.

If isolation at source is not practicable; remove the rear panel of the unit. Turn the isolation valve to its off position (turn to horizontal). Reattach the rear panel. Open the outlet tap.

Further measures such as trace heating is available. Edwards Standpipes can supply TYPE ESRS Self Regulating Heating Tape (Wattage: 10Watts @ 10DegC ; Voltage: 240V). www.eshtd.com. Please call 01584 861223 or email for further information.

