

IMPORTANT:

Before installing the water meter, ensure that the meter has been chosen correctly. Check that the nominal diameter, flow rate, working temperature and pressure are compatible with actual installation conditions.

1. It is recommended that a straight length of pipe the same diameter as the meter and equivalent in length to 10 times the meter diameter is fitted immediately prior to the meter inlet and 5 times the meter diameter after the meter.
2. Before installing the meter make sure that the two sections of cut pipe are positioned correctly and supported where necessary, clean them carefully (especially if the pipes are empty) and allow water to flow for some time using a section of pipe instead of the meter, to remove any scale/ debris leftover from the disturbance to the pipe.
3. Install the meter in a place protected from frost if possible (insulate with lagging materials during the winter months) and locate at the lowest part of the pipe work in order to avoid accumulation of air within the measuring chamber.
4. Install the meter in a position where it can be easily read, but is not accessible for tampering. Locate the meter where it will be safe from disturbance and damage from passing objects.
5. Install the meter so that the water is flowing in the same direction as the arrow shown on the body and in the position recommended by the manufacturer, following any indications on the dial.
6. It is advisable to install isolation valves upstream and downstream of the meter, in order to make the maintenance or verification of the meter possible. The installation of a non return valve is also recommended.
7. There should be no restriction of the pipe at the meter inlet, and flange joints where used, should not obstruct the flow of water into the meter body. Any regulation of the flow should be carried out at the outlet side of the meter.

IMPORTANT:

Before putting into operation, it is necessary to purge the pipe and meter of air (for this operation it may be necessary to rotate the meter). Valves must be opened slowly so as not to allow any air present within the pipe work to damage the meter by over running its internal measuring mechanism.

