

TYPICAL INSTALLATION OF MOSBAEK FLOW REGULATOR

Type CY

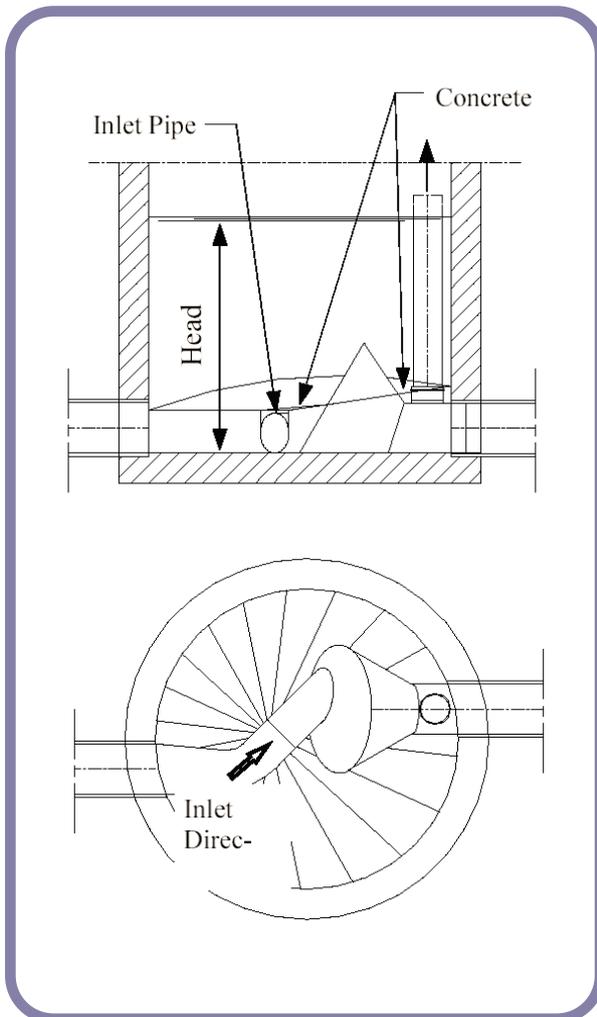
It is very important for the functioning of the flow regulator that the unit is installed correctly. This applies for both the high efficiency and the standard range.

The Flow Regulator is installed in the downstream pipe or in a sparging in a separating wall. Concrete is cast around the unit and an inlet channel is formed. If it is a temporary installation, it will be easier to remove the unit later, if, small plastic

bags filled with sand are placed around it, before it is concreted.

There is no need to have a sump or a sand trap, when you install a CY-unit. Silt can pass the regulator.

On the sketch you can see the correct installation of a regulator. Please notice that concrete is cast on top of the inlet pipe, to avoid any sharp edges in the inlet direction.



EXAMPLE SKETCH (not to scale)

The sketch shows a length of vertical pipe being used for the purpose of drain down/by-pass. The length of this pipe is just higher than the operating head of the unit. If the unit was to become blocked then the manhole would fill until the water reached the top of the pipe, then it would discharge through the by-pass. The pipe should be removed, on emptying, the manhole can then be entered and any blockage removed.

Tubosider do not supply this pipe.

As an alternative to the above, Tubosider will supply, on request a bung and wire rope. Again on blockage by a large object, the bung may be removed, causing the manhole to empty for inspection.

Please note in order to design and supply the correct unit, Tubosider require the following information:

- Discharge in litres per second
- Operating head of unit
- If a Bung and rope is required then the height from invert to finished ground level is also required.