

Flow Meters

Ultrasonic Meters

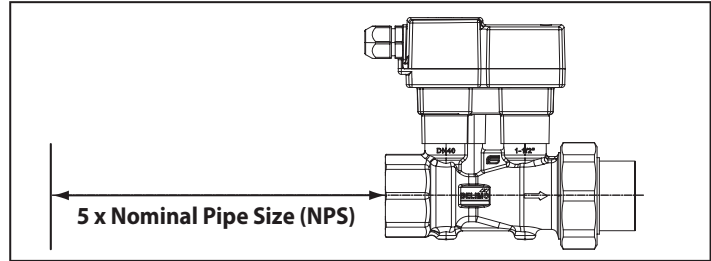


INSTALLATION

Inlet Length

The Flow Meter requires a section of straight pipe on the sensor housing inlet to guarantee sensor accuracy. This section should be at least 5 pipe diameters long with respect to the size of the Flow Meter.

- 1/2" [DN15] 5 x nominal pipe size = 2.5" [64 mm]
- 3/4" [DN20] 5 x nominal pipe size = 3.75" [95 mm]
- 1" [DN25] 5 x nominal pipe size = 5" [127 mm]
- 1 1/4" [DN32] 5 x nominal pipe size = 6.25" [159 mm]
- 1 1/2" [DN40] 5 x nominal pipe size = 7.5" [191 mm]
- 2" [DN50] 5 x nominal pipe size = 10" [254 mm]

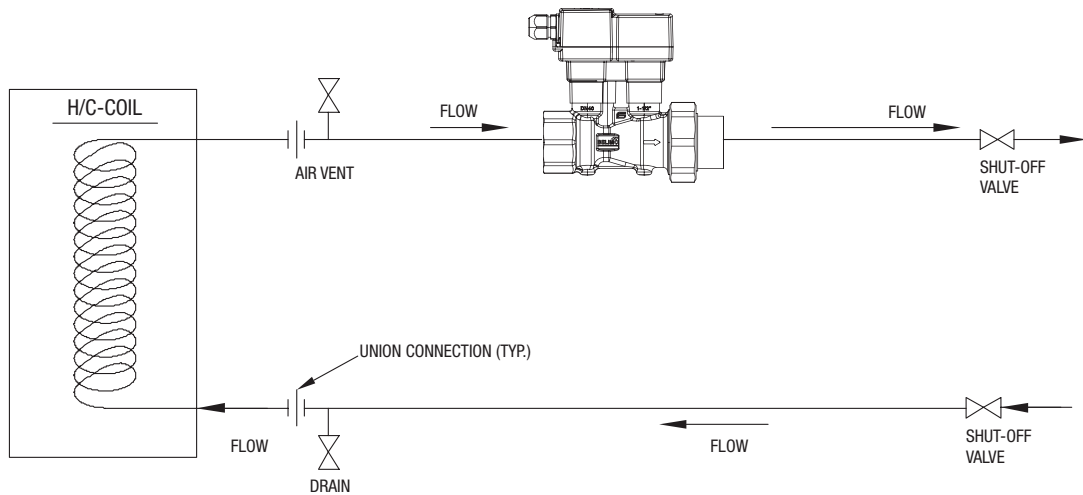


Outlet Length

No requirements for outlet length.
Elbows can be installed directly after the valve.

PIPING

The Flow Meter is suitable for volumetric flow measurement of chilled or hot water in closed loop systems. If the Flow Meter will be installed to measure flow through a heat exchange device, it is recommended to be installed on the return side of the heat exchange device.



ORIENTATION

Flow Meter shall be installed with flow in the direction of the arrow on the sensor housing.

The Flow Meter can be installed in a vertical or horizontal arrangement, as long as the sensor is positioned to avoid condensation from dripping onto the flow sensor.

