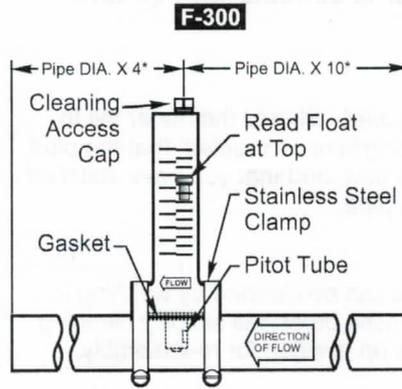
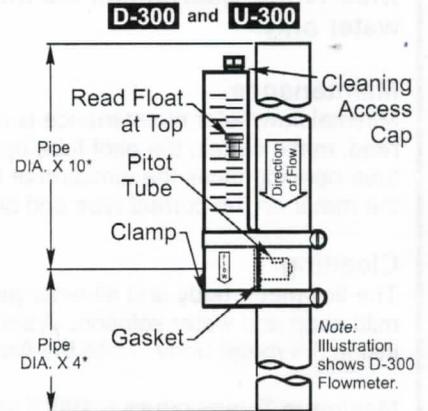


Flowmeter Installation Instructions

F-300 | D-300 | U-300



* Minimum acceptable dimensions.
Must be straight horizontal piping.



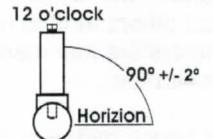
* Minimum acceptable dimensions.
Must be straight vertical piping.

General: Flowmeter should only be used on the schedule 40 IPS (ASTM-D-1785) size and type of pipe for which it is intended. Incorrect use will result in inaccurate readings and leakage problems.

Models with suffix "P" or "PR" = PVC pipe, Schedule 40 (IPS pipe, ASTM - D-1785)
Models with suffix "T" or "TR" = COPPER TUBING, Type "K" or "L".

Installation: Install the flowmeter downstream from the filter if possible, with at least the minimum straight pipe dimensions called for in installation drawings. Drill the pitot tube hole in the top (12 o'clock position) of horizontal pipe or anywhere around vertical pipe. Carefully remove all burrs. Insert the pitot tube, with gasket in place, into the drilled hole. Tighten the clamps alternately, a little at a time. Make certain the flow direction is towards the pitot tube opening.

Flowmeter size	Drill size for pitot tube
1" thru 4"	5/8" to 41/64"
6" thru 8"	3/4" to 49/64"



Maintenance: Should the meter fail to read, make certain the openings in the front and rear of the pitot tube are not clogged, that the pitot tube opening faces the direction of the flow, and that you have installed the meter on the correct IPS (ASTM-D-1785) type and size pipe. Periodically clean the inside of the meter with a soft bottle brush and mild soap solution. Note that the top of the float is the largest diameter.

Accuracy = +/- 10% (of the full scale reading)

Max Temperature = 190°F / 87.7°C, Maximum Pressure = 150 psi / 10.3 bar
Pressure and temperature limits are inversely proportional

Note: If used on Schedule 80 PVC pipe, the reading will be 12% higher than actual.

Blue-White® warrants the meter for water use only.

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