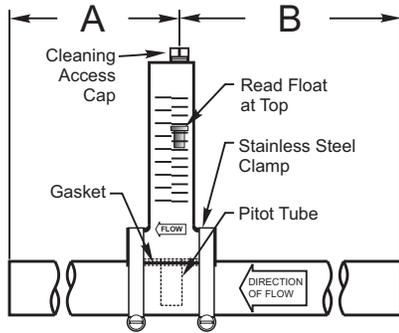


Blue-White®

F-300 Flowmeter Installation Instructions



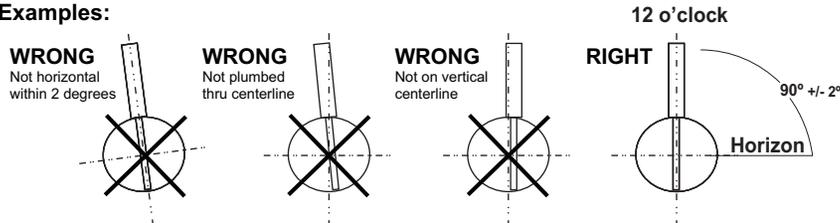
| Dimension | Installation Length |
|-----------|------------------------------|
| A | Outlet pipe = 2 x Pipe I.D.* |
| B | Inlet pipe = 5 x Pipe I.D.* |

* Minimum acceptable dimensions. Must be straight horizontal piping.

Models w/ suffix "M" = PVC pipe, PN10 and Pn16

Installation: To prevent debris from entering the meter, install the flowmeter downstream from the filter if possible with at least the minimum straight pipe dimensions called for in the above drawing. Drill the pitot tube hole in the top (12 o'clock position) of the horizontal pipe. Carefully remove all burrs. Insert the pitot tube, with the 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.

Examples:



| Flowmeter size | Drill size for pitot tube |
|----------------|---------------------------|
| 32mm - 90mm | 16mm to 16.25mm |

Note: Incorrect installation may result in a damaged pitot tube.

Troubleshooting: 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. Note that the top of the float is the largest diameter.

Accuracy = +/- 10%

Max Temperature = 87.7°C / 190°F at 0 Bar (0 PSI)

Maximum Pressure = 10 bar (150 PSI)

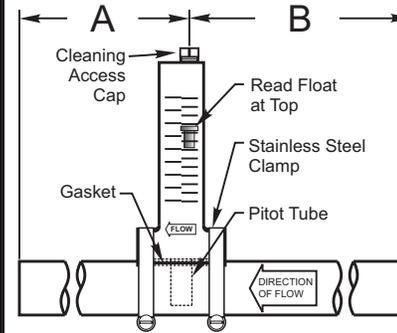
Headloss = Maximum .07 Bar across all pipe sizes

Note: Pressure and temperature limits are inversely proportional

Blue-White® flowmeters are tested and calibrated for water only.

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F-300 Flowmeter Installation Instructions



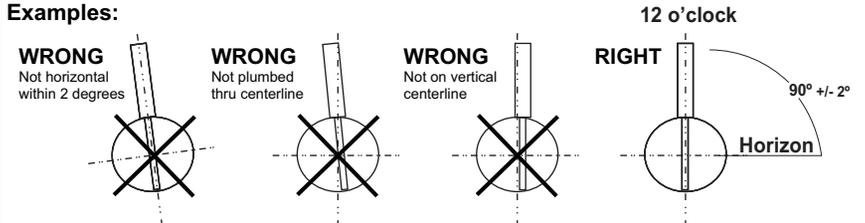
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BLUE-WHITE LIMITED WARRANTY

FLOW METERS are warranted to be free of defects in material and workmanship for up to 12 months from the date of factory shipment. Warranty coverage is limited to repair or replacement of the defective flow meter only. Blue-White Industries does not assume responsibility for any other damage that may occur.

This warranty does not cover damage to the flow meter that results from misuse or alterations, nor damage that occurs as a result of: meter misalignment, improper installation, over tightening, use of non-recommended chemicals, use of non-recommended adhesives or pipe dopes, excessive heat or pressure, or allowing the meter to support the weight of related piping. Flow meters are tested and calibrated with water only. Although meters may be suitable for other chemicals, Blue-White cannot guarantee their suitability.

Flow meters are repaired at the factory only. Call or write the factory to receive a Return Authorization Number, carefully pack the flow meter to be returned, including a brief description of the problem. Note the RA number on the outside of the carton.

Prepay all shipping costs. The factory does not accept COD Shipments. Damage that occurs during shipping is the responsibility of the sender.

Disclaimer: We cannot guarantee our flow meters will not be damaged either at or below the suggested limits simply because of many factors which influence meter integrity; stress resulting from meter misalignment, damage due to excessive vibration and/or deterioration caused by contact with certain chemicals as well as direct sunlight. These situations and others tend to reduce the strength of the materials from which the meters are manufactured. Flow meters are tested and calibrated for water only. Although the meters may be suitable for other chemicals, Blue-White cannot guarantee their suitability.

Meters are suitable for indoor and outdoor use.

For more information visit our website at www.Blue-White.com

ISO 9001:2015
CERTIFIED



MADE IN THE
USA

80000-592

REV.3 080921

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