





F-300 ACRYLIC FLOWMETER

Pipe sizes: 1", 1¼", 1½", 2", 2½", 3", 4", 6", 8"
Flow from: 4 to 1900 GPM (15 to 7200 LPM)
Clamp-On - Insertion Mount

Learn More about the UPGRADED Models

Description
<ul style="list-style-type: none">• Model Variations:<ul style="list-style-type: none">• F-300 = Horizontal flow• D-300 = Vertical down flow• U-300 = Vertical up flow• NSF 50 LISTED 1", 1.25", 1.5", 2" (L2), 2.5", 3", 4", and 6" (L3) – Horizontal flow only• Well suited for closed pipe installations• Easy to read dual scale (GPM / LPM), screen printed on both sides of the meter body• Acceptable for outdoor installations (direct sunlight okay)• Pitot Tube (impact tube) design makes it easy to install on existing pipe• One piece, machined acrylic meter body, annealed for added strength and chemical resistance• Included SS clamps and gasket seal• Standard and Low Flow options available• For use on PVC or Copper Pipes (refer to literature)

Specifications

Pipe Sizes:	Horizontal Installation: 1", 1.25", 1.5", 2", 2.5", 3", 4", 6", 8" Vertical Installation: 1½", 2"
Max. Working Pressure:	75 PSI (5.17 bar) @ 70 °F (21 °C)
Max. Fluid Temperature:	190 °F / 88 °C @ 0 PSI
Full Scale Accuracy:	<i>Old Style F-300:</i> +/- 10% <i>NEW F-300 Sizes: 1", 1.25", 1.5", 2", 50mm horizontal</i> +/- 5% (5x pipe ID min. inlet pipe length / 2x pipe ID min outlet pipe length) +/- 2% (10x pipe ID min. inlet pipe length / 5x pipe ID min outlet pipe length) <i>NEW F-300 Sizes: 2.5", 3", 4", 6", 8", 63mm horizontal</i> +/- 10% (5x pipe ID min. inlet pipe length / 2x pipe ID min outlet pipe length) +/- 5% (10x pipe ID min. inlet pipe length / 5x pipe ID min outlet pipe length)
Meter Body Material:	Acrylic
Gasket Material:	Neoprene
Float Material:	316 SS (PTFE low flow units)
Connection Type:	Saddle
Pipe Capability:	PVC Schedule 40 and Schedule 80 (12% higher reading on sch 80 pipe) Copper Tube Type "K" and "L"
Approx. Shipping Weight:	1" to 4" Pipe: 1 lb. (.454kg) 6" and 8" Pipe: 2 lb. (.907 kg)

NIST Certificates Optional

Flow Ranges

HORIZONTAL PIPE INSTALLATION