



Series
VAT

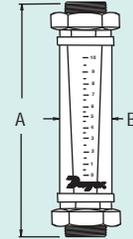
Variable Area Fluoropolymer Flowmeter

In-Line, $\pm 5\%$ Accuracy, Chemically Inert



Dimensions

Connection	A	B
1/4"	5-11/16" (144)	1-1/4" (31.8)
3/8"	5-11/16" (144)	1-1/4" (31.8)
1/2"	10-1/2" (267)	2" (50.8)
3/4"	10-1/2" (267)	2" (50.8)



Constructed entirely of fluoropolymers, the Series VAT Flowmeters are ideal for high purity or corrosive liquid applications. Flowmeters feature a 0-10 scale for flow indication. Each unit is individually leak tested to a leak integrity rating of 1×10^{-7} sccs Helium or better. The Series VAT are designed for in-line mounting and include a removable protective shield.

SPECIFICATIONS

Service: Compatible liquids.

Wetted Materials:

- Floattube: PFA.
- Float and End Fittings: PTFE.
- Guide Rods: PCTFE.

Temperature Limit: 250°F (121°C).

Pressure Limit: 100 psig (6.9 bar).

Accuracy: $\pm 5\%$ FS @ 70°F (21.1°C) and 14.7 psia (1 atm absolute).

Process Connections: See chart.

Leak Integrity: 1×10^{-7} sccs of Helium.

Scale: 0 to 10 markings.

Mounting: Vertical, In-Line.

Model		Low Range	
Valve	No Valve	Connections	Flow Rate ml/min (gph)
VAT-311	VAT-301	1/4" female NPT	75 (1.19)
VAT-312	VAT-302	1/4" female NPT	250 (3.91)
VAT-313	VAT-303	1/4" female NPT	400 (6.34)
VAT-314	VAT-304	1/4" female NPT	500 (7.92)
VAT-315	VAT-305	1/4" female NPT	1000 (15.85)
VAT-316	VAT-306	3/8" female NPT	2000 (31.69)
VAT-317	VAT-307	3/8" female NPT	2500 (39.62)
VAT-318	VAT-308	3/8" female NPT	3000 (47.54)
VAT-319	VAT-309	3/8" female NPT	5000 (79.23)

Model		High Range	
Valve	No Valve	Connections	Flow Rate L/min (gpm)
VAT-6110	VAT-6010	1/2" female NPT	13 (3.43)
VAT-6111	VAT-6011	1/2" female NPT	20 (5.28)
VAT-6112	VAT-6012	3/4" female NPT	30 (7.93)
VAT-6113	VAT-6013	3/4" female NPT	40 (10.57)
VAT-6114	VAT-6014	3/4" female NPT	45 (11.89)