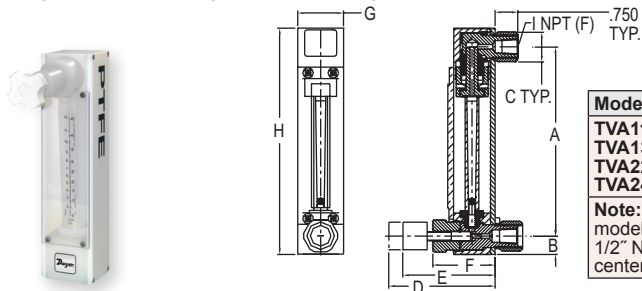


## SERIES TVA

## ALL FLUOROPOLYMER FLOWMETERS

75 mm and 125 mm, 10:1 Turndown, Back Connect, Corrosive Resistant



Model	A	B	C	D	E	F	G
TVA11XX	4.97 [126]	0.56 [14]	1.06 [27]	3.35 [85]	1.25 [32]	6.16 [156]	1/4
TVA13XX	4.97 [126]	0.56 [14]	1.25 [32]	4.65 [118]	1.50 [38]	6.16 [156]	3/8
TVA22XX	8.72 [221]	0.88 [22]	1.75 [44]	4.57 [116]	2.00 [51]	10.4 [264]	1/2
TVA24XX	8.47 [215]	1.00 [25]	1.75 [44]	5.95 [151]	2.25 [57]	10.4 [264]	3/4

**Note:** Panel mounting: Drill two holes: 3/4" dia. at 4.97" apart for 1/4" NPT models, 7/8" dia. at 4.97" apart for 3/8" NPT models, 1" dia. at 8.72" apart for 1/2" NPT models, and 1-1/4" dia. at 8.47" apart for 3/4" NPT models (center-to-center).

The **Series TVA All Fluoropolymer Flowmeters** are ideal for high purity or corrosive liquid applications. This series of flowmeters features a 0 to 10 scale graduations denoting a discrete flow rate.

## FEATURES/BENEFITS

- Chemically inert wetted components yield long life even in corrosive liquid applications
- Low installation costs with standard back process connections for easy panel mounting

## APPLICATIONS

- Chemical injectors
- Deionized water systems

MODEL CHART				
Model		Low Range		
With Valve	Without Valve	Length	Connections	Flow Rate Water GPH (ml/min)
TVA1113	TVA1103	75 mm	1/4" female NPT	6.34 (400)
TVA1115	TVA1105	75 mm	1/4" female NPT	15.9 (1000)
TVA1317	TVA1307	75 mm	3/8" female NPT	39.6 (2500)
TVA1319	TVA1309	75 mm	3/8" female NPT	79.2 (5000)

## SPECIFICATIONS

**Service:** Compatible liquids.  
**Wetted Materials:** Flowtube: PFA; Float and end fittings: PTFE; Guide rods: PCTFE.  
**Temperature Limit:** 250°F (121°C).  
**Pressure Limit:** 100 psig (6.9 bar).  
**Accuracy:** ±5% FS @ 70°F (21.1°C) and 14.7 psia (1 atm absolute).

**Repeatability:** ±0.25%.  
**Leak Integrity:** 1 x 10<sup>-7</sup> sccs of helium.  
**Scales:** Direct reading, 75 mm or 125 mm lengths.  
**Turn-down Ratio:** 10:1.  
**Mounting:** Vertical.

## MODEL CHART

Model		High Range		
With Valve	Without Valve	Length	Connections	Flow Rate Water GPM (L/min)
TVA22110	TVA22010	125 mm	1/2" female NPT	3.43 (13)
TVA24112	TVA24012	125 mm	3/4" female NPT	7.93 (30)
TVA24114	TVA24014	125 mm	3/4" female NPT	11.9 (45)

## OPTIONS

Use order code:	Description
NISTCAL-FL1	NIST traceable calibration certificate