

# All-Plastic variable area flow meter

## FL-86 Series



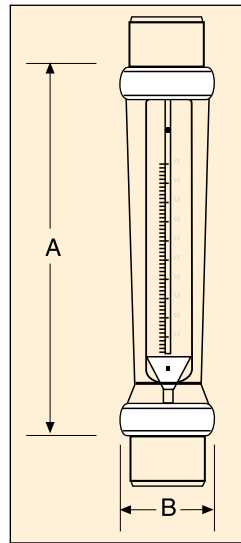
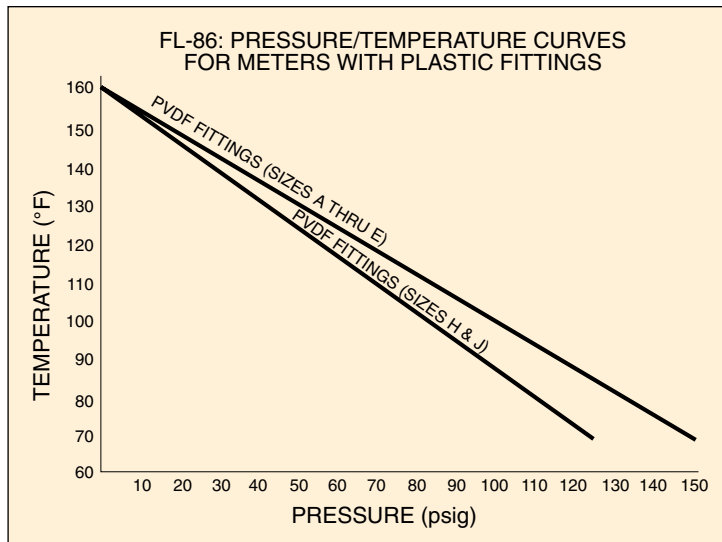
Optional

**Caution:** Polysulfone should not be used in direct sunlight or any other significant sources of ultraviolet light.

- ✓ NIST Calibration Available
- ✓ Union Ends to Simplify Installation and Maintenance
- ✓ Chemical- and Break-Resistant Metering Tube
- ✓ See-Through, Detachable Direct-Reading Scale (GPM Water)
- ✓ Vertical In-Line Connections

### SPECIFICATIONS

**Capacity:** 0.5 to 100 GPM water (PTFE float)  
**Metering Tube Material:** Polysulfone  
**Accuracy/Repeatability:** ±6% full scale/±1%  
**Scale Length:** 127 mm (5")  
**Float:** PTFE  
**Fittings:** PVDF  
**O-Rings:** FKM (Perfluoroelastomer optional)  
**Guide Rod:** Polysulfone



FL-86B shown smaller than actual size.

To Order				
Model No.	Flow Range Water GPM	Connection Size (FNPT)	Dimensions: mm (inch)	
			A	B
FL-86A	0.1 to 1	1/2	254 (10)	35 (1.4)
FL-86B	0.2 to 2.4	3/4	254 (10)	44 (1.8)
FL-86C	0.5 to 5	3/4	254 (10)	44 (1.8)
FL-86D	1 to 10	1	305 (12)	57 (2.3)
FL-86E	2 to 20	1	305 (12)	57 (2.3)
FL-86H	6 to 60	2	406 (16)	98 (3.9)
FL-86J	10 to 100	2	406 (16)	98 (3.9)

Comes complete with operator's manual.

For 5-point NIST calibration certificate add suffix "-NIST 5PT" or "-NIST 10PT" for 10-point calibration to model number, for additional cost.

**Ordering Examples:** FL-86C, variable area flow meter with 0.5 to 5 GPM range, 3/4 FNPT connection. FL-86A, variable area flow meter with 0.1 to 1 GPM range, 1/2 FNPT connection.