

PTFE PFA FLOW METER

Incorporating the principles of traditional variable area flow technology, these rugged PTFE-PFA flow meters offer solutions for low to medium flow range measurements of highly corrosive or ultra-pure liquids.

PTFE PFA Flow Meters



FEATURES

- ✓ Resistant to external, ambient corrosives.
- ✓ Panel mountable, by means of KYNAR® panel nuts.
- ✓ Leak Integrity 1×10^{-7} sccs Helium or better.
- ✓ Chemically inert wetted components constructed from PFA PTFE and PCTFE.
- ✓ Non-fluid contacting structurally rigid frame constructed from polypropylene and Kynar®.
- ✓ Overlapping flow ranges are available for water from 5 mL/min (0.00132 GPM) to 45 L/min (12 GPM).
- ✓ Supplied with or without built-in needle valves.

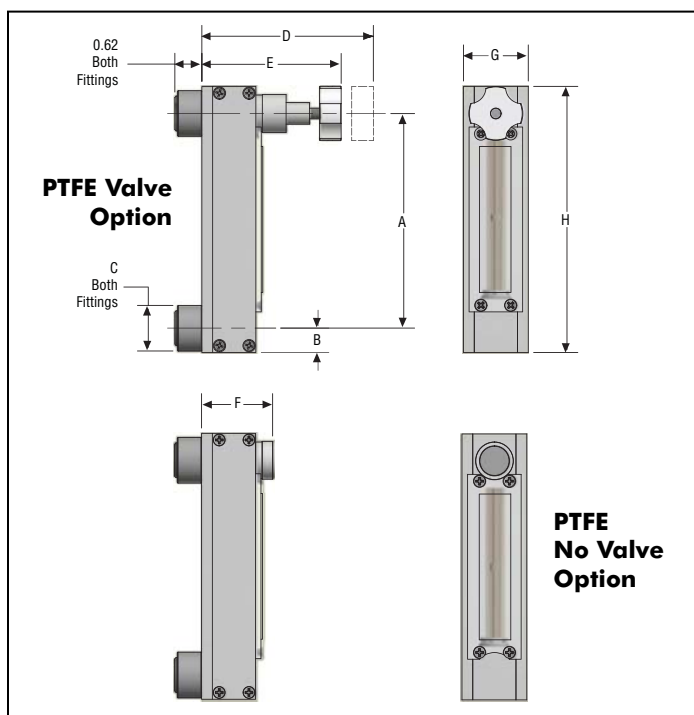
*SPECIFICATIONS

SCALES:	Direct reading scales for liquids with 1.0 specific gravity.
ACCURACY:	±5% of full scale.
MAX. TEMPERATURE:	250 °F (121 °C).
MAX PRESSURE:	100 psig (6.7 bars).
FLOW TUBES	PFA.
FLOATS	PTFE (Sapphire Size #1 LO1).
WETTED PARTS	PFA (flow tubes) and PTFE (end fittings and floats) and PCTFE (guide rods).

*The selection of materials of construction, is the responsibility of the customer.
The company accepts no liability.

TABLE 30, PTFE-PFA FLOW METERS FOR WATER (NO VALVE OPTION)						
METER SIZE	MODEL NO.	MAXIMUM FLOW		BUILT-IN VALVE	CONNECTION	PRICE
		mL/min	gph			
C	6AL7101LN	75	1.19	No	1/4" FNPT	\$363.00
	6AL7102LN	250	3.96	No		\$363.00
	6AL7103LN	400	6.34	No		\$363.00
	6AL7104LN	500	7.92	No		\$363.00
	6AL7105LN	1000	15.85	No		\$363.00
D	6AL7110LN	2000	31.69	No	3/8" FNPT	\$363.00
	6AL7111LN	2500	39.62	No		\$363.00
	6AL7112LN	3000	47.54	No		\$363.00
	6AL7113LN	5000	79.23	No		\$363.00
METER SIZE	MODEL NO.	L/min	gpm	BUILT-IN VALVE	CONNECTION	PRICE
E	6AL7120LN	13	3.43	No	1/2" FNPT	\$675.00
	6AL7121LN	20	5.28	No		\$675.00
F	6AL7122LN	30	7.93	No	3/4" FNPT	\$675.00
	6AL7123LN	40	10.57	No		\$675.00
	6AL7124LN	45	11.89	No		\$675.00

TABLE 30, PTFE-PFA FLOW METERS FOR WATER (VALVE OPTION)						
METER SIZE	MODEL NO.	MAXIMUM FLOW		BUILT-IN VALVE	CONNECTION	PRICE
		mL/min	gph			
C	6AL7101LV	75	1.19	Yes	1/4" FNPT	\$509.00
	6AL7102LV	250	3.96	Yes		\$509.00
	6AL7103LV	400	6.34	Yes		\$509.00
	6AL7104LV	500	7.92	Yes		\$509.00
	6AL7105LV	1000	15.85	Yes		\$509.00
D	6AL7110LV	2000	31.69	Yes	3/8" FNPT	\$509.00
	6AL7111LV	2500	39.62	Yes		\$509.00
	6AL7112LV	3000	47.54	Yes		\$509.00
	6AL7113LV	5000	79.23	Yes		\$509.00
METER SIZE	MODEL NO.	L/min	gpm	BUILT-IN VALVE	CONNECTION	PRICE
E	6AL7120LV	13	3.43	Yes	1/2" FNPT	\$895.00
	6AL7121LV	20	5.28	Yes		\$895.00
F	6AL7122LV	30	7.93	Yes	3/4" FNPT	\$895.00
	6AL7123LV	40	10.57	Yes		\$895.00
	6AL7124LV	45	11.89	Yes		\$895.00



DIMENSIONS FOR PTFE-PFA FLOW METERS									
METER SIZE	DIMENSIONAL CODING								SCALE LENGTH
	A	B	C	D	E	F	G	H	
C	4.97	0.56	1.06	3.42	3.22	1.65	1.50	6.16	75mm
D	4.97	0.56	1.25	4.72	4.32	1.95	1.75	6.16	75mm
E	8.72	0.88	1.75	4.64	4.14	2.25	2.25	10.47	125mm
F	8.47	1.00	1.75	6.00	5.06	2.80	2.50	10.47	125mm

*Dimensions are in inches, except as shown in [mm]; for certified dimensions contact the company.