

Union ends simplify installation and maintenance. With the Teflon® float option these meters are excellent for applications where no metal is preferred. Socket weld end connections available.



DESCRIPTION

Metering Tube	Molded polysulfone
Internal Components	316L SS, Teflon® Polysulfone or Hastelloy® C-276
Fitting Material	Standard: PVC Optional: PVDF
Inlet/Outlet Fittings	FNPT, vertical
O-Ring	Standard: Viton® Optional: Buna N, EPR, and Kalrez®

PERFORMANCE

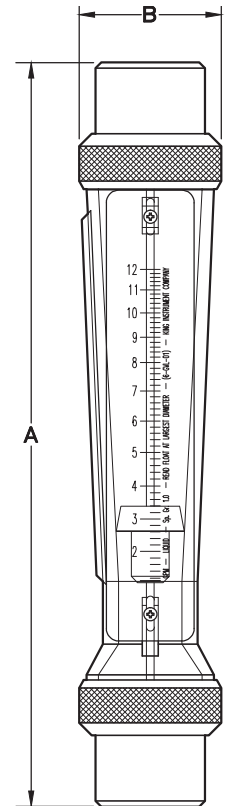
Capacities	Water (Teflon® float) 0.5 to 100 GPM Water (Metal float) 1.5 to 160 GPM
Scale	127 mm (5") direct reading, detachable
Accuracy	± 3% of full scale flow ± 5% of full scale flow (120 & 150 GPM Metal floats) ± 6% of full scale flow (Teflon® floats)
Turndown	10:1
Repeatability	1/2% 1% (120 & 150 GPM Metal floats) 1% (Teflon floats)
Maximum Temperature	PVC fittings 130° F (54° C) PVDF fittings 200° F (93° C)
Maximum Pressure	PVC fittings 150 psig (sizes 41W - 72W) PVC fittings 125 psig (size 90W - 103W) PVDF fittings 150 psig (sizes 41W - 72W) PVDF fittings 125 psig (size 90W - 103W)
Ambient Temperature	33° F to 125° F (1° C to 52° C)

OPTIONS

Alarm	Latching Reed Switch
Certified Calibrations	Conform to ISA RP 16.6
Scales	Any volumetric unit

Order Number	Flow Range Water	Float Material	Float Number	Alarm Option	Dimensions (Inches)		Connection Size
					A	B	
41W	.5 GPM	PVDF	4-TSL-01	no	10.00	1.375	1/2" FNPT
42W	1 GPM	Teflon®	4-TSL-02	yes	10.00	1.375	1/2" FNPT
43W	1.5 GPM	316L SS	4-SSL-01	yes	10.00	1.375	1/2" FNPT
44W	3 GPM	316L SS	4-SSL-02	yes	10.00	1.375	1/2" FNPT
45W	1.6 GPM	Hastelloy®	4-HSL-01	yes	10.00	1.375	1/2" FNPT
46W	3.2 GPM	Hastelloy®	4-HSL-02	yes	10.00	1.375	1/2" FNPT
51W	2.4 GPM	Teflon®	5-TSL-01	yes	10.00	1.750	3/4" FNPT
52W	5 GPM	Teflon®	5-TSL-02	yes	10.00	1.750	3/4" FNPT
53W	6 GPM	316L SS	5-SSL-01	yes	10.00	1.750	3/4" FNPT
54W	10 GPM	316L SS	5-SSL-02	yes	10.00	1.750	3/4" FNPT
55W	6.3 GPM	Hastelloy®	5-HSL-01	yes	10.00	1.750	3/4" FNPT
56W	10.6 GPM	Hastelloy®	5-HSL-02	yes	10.00	1.750	3/4" FNPT
61W	7.6 GPM	Teflon®	6-TSL-01	yes	11.75	2.250	1" FNPT
62W	10 GPM	Teflon®	6-TSL-02	yes	11.75	2.250	1" FNPT
63W	15 GPM	Teflon®	6-TSL-03	yes	11.75	2.250	1" FNPT
64W	20 GPM	Teflon®	6-TSL-04	yes	11.75	2.250	1" FNPT
65W	12 GPM	316L SS	6-GVL-01	yes	11.75	2.250	1" FNPT
66W	18 GPM	316L SS	6-SSL-02	yes	11.75	2.250	1" FNPT
67W	25 GPM	316L SS	6-SSL-03	yes	11.75	2.250	1" FNPT
68W	35 GPM	316L SS	6-SSL-04	yes	11.75	2.250	1" FNPT
69W	13 GPM	Hastelloy®	6-HSL-01	yes	11.75	2.250	1" FNPT
70W	19 GPM	Hastelloy®	6-HSL-02	yes	11.75	2.250	1" FNPT
71W	26.5 GPM	Hastelloy®	6-HSL-03	yes	11.75	2.250	1" FNPT
72W	37 GPM	Hastelloy®	6-HSL-04	yes	11.75	2.250	1" FNPT
90W	40 GPM	Teflon®	9-TSL-00	yes	16.00	3.875	2" FNPT
91W	60 GPM	Teflon®	9-TSL-01	yes	16.00	3.875	2" FNPT
92W	80 GPM	Teflon®	9-TSL-02	yes	16.00	3.875	2" FNPT
94W	100 GPM	Teflon®	9-TSL-04	yes	16.00	3.875	2" FNPT
99W	60 GPM	316L SS	9-SSL-00	yes	16.00	3.875	2" FNPT
95W	80 GPM	316L SS	9-SSL-01	yes	16.00	3.875	2" FNPT
96W	100 GPM	316L SS	9-SSL-02	yes	16.00	3.875	2" FNPT
97W	120 GPM	316L SS	9-SSL-03	yes	16.00	3.875	2" FNPT
98W	150 GPM	316L SS	9-SSL-04	yes	16.00	3.875	2" FNPT
100W	84 GPM	Hastelloy®	9-HSL-01	yes	16.00	3.875	2" FNPT
101W	106 GPM	Hastelloy®	9-HSL-02	yes	16.00	3.875	2" FNPT
102W	126 GPM	Hastelloy®	9-HSL-03	yes	16.00	3.875	2" FNPT
103W	160 GPM	Hastelloy®	9-HSL-04	yes	16.00	3.875	2" FNPT

DIMENSION DIAGRAM



CAUTION: Polysulfone should not be used in direct sunlight or any other significant sources of UV light.

ORDERING:

Use the following guide to determine the specific product number you require.

Meter Series	Fitting Material	Float Material	O-ring Material	Optional Alarm	Order Number
7 3 3 1	PVC* - 3 PVDF* - 7	316L SS - 2 Hastelloy® C-276 - 4 Teflon® - 6 PVDF - 7	EPR - 1 Buna-N - 2 Viton® - 3 Kalrez® - 4	No Alarm - 0 With Alarm - A	See Specification table above

* Not for air service