

An economical 304 stainless steel case with a molded polysulfone metering tube for lighter duty applications where a case enclosed meter is preferred.



DESCRIPTION

Metering Tube	Molded polysulfone
Internal Components	316L SS, Teflon Polysulfone or Hastelloy® C-276
Fitting Material	Standard: 316L SS Optional: PVC, PVDF
Inlet/Outlet Fittings	FNPT, vertical
O-Ring	Standard: Viton® Optional: Buna N, EPR, and Kalrez®
Case and Shield	304 SS case Polycarbonate shield

PERFORMANCE

Capacities	Water (Teflon float) 0.5 to 100 GPM Water (Metal float) 1.5 to 160 GPM Air 6.1 to 33 SCFM
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	316L SS fittings 200° F (93° C) PVC fittings 130° F (54° C)
Maximum Pressure	316L SS fittings 200 psig PVC & PVDF fittings 150 psig (sizes 41W to 72W) PVC & PVDF fittings 125 psig (sizes 90W to 103W)
Ambient Temperature	33° F to 125° F (1° C to 52° C)

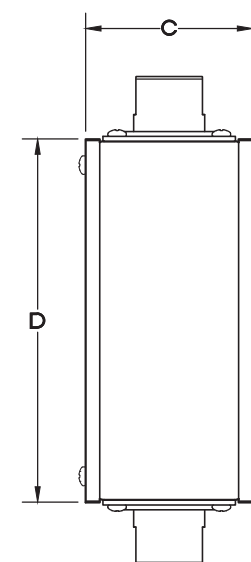
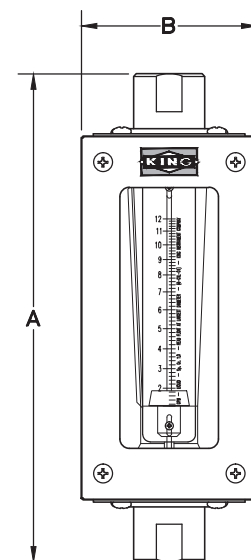
OPTIONS

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

SPECIFICATIONS – WATER METERING

Order Number	Flow Range Water	Float Material	Float Number	Alarm Option	Dimensions (Inches)				Connection Size
					A	B	C	D	
41W	0.5 GPM	PVDF	4-TSL-01	no	12.875	4.625	4.50	9.58	1/2" FNPT
42W	1 GPM	Teflon®	4-TSL-02	yes	12.875	4.625	4.50	9.58	1/2" FNPT
43W	1.5 GPM	316L SS	4-SSL-01	yes	12.875	4.625	4.50	9.58	1/2" FNPT
44W	3 GPM	316L SS	4-SSL-02	yes	12.875	4.625	4.50	9.58	1/2" FNPT
45W	1.6 GPM	Hastelloy®	4-HSL-01	yes	12.875	4.625	4.50	9.58	1/2" FNPT
46W	3.2 GPM	Hastelloy®	4-HSL-02	yes	12.875	4.625	4.50	9.58	1/2" FNPT
51W	2.4 GPM	Teflon®	5-TSL-01	yes	12.875	4.625	4.50	9.58	3/4" FNPT
52W	5 GPM	Teflon®	5-TSL-02	yes	12.875	4.625	4.50	9.58	3/4" FNPT
53W	6 GPM	316L SS	5-SSL-01	yes	12.875	4.625	4.50	9.58	3/4" FNPT
54W	10 GPM	316L SS	5-SSL-02	yes	12.875	4.625	4.50	9.58	3/4" FNPT
55W	6.3 GPM	Hastelloy®	5-HSL-01	yes	12.875	4.625	4.50	9.58	3/4" FNPT
56W	10.6 GPM	Hastelloy®	5-HSL-02	yes	12.875	4.625	4.50	9.58	3/4" FNPT
61W	7.6 GPM	Teflon®	6-TSL-01	yes	12.875	4.625	4.50	9.58	1" FNPT
62W	10 GPM	Teflon®	6-TSL-02	yes	12.875	4.625	4.50	9.58	1" FNPT
63W	15 GPM	Teflon®	6-TSL-03	yes	12.875	4.625	4.50	9.58	1" FNPT
64W	20 GPM	Teflon®	6-TSL-04	yes	12.875	4.625	4.50	9.58	1" FNPT
65W	12 GPM	316L SS	6-GVL-01	yes	12.875	4.625	4.50	9.58	1" FNPT
66W	18 GPM	316L SS	6-SSL-02	yes	12.875	4.625	4.50	9.58	1" FNPT
67W	25 GPM	316L SS	6-SSL-03	yes	12.875	4.625	4.50	9.58	1" FNPT
68W	35 GPM	316L SS	6-SSL-04	yes	12.875	4.625	4.50	9.58	1" FNPT
69W	13 GPM	Hastelloy®	6-HSL-01	yes	12.875	4.625	4.50	9.58	1" FNPT
70W	19 GPM	Hastelloy®	6-HSL-02	yes	12.875	4.625	4.50	9.58	1" FNPT
71W	26.5 GPM	Hastelloy®	6-HSL-03	yes	12.875	4.625	4.50	9.58	1" FNPT
72W	37 GPM	Hastelloy®	6-HSL-04	yes	12.875	4.625	4.50	9.58	1" FNPT
90W	40 GPM	Teflon®	9-TSL-00	yes	16.000	6.250	6.25	13.25	2" FNPT
91W	60 GPM	Teflon®	9-TSL-01	yes	16.000	6.250	6.25	13.25	2" FNPT
92W	80 GPM	Teflon®	9-TSL-02	yes	16.000	6.250	6.25	13.25	2" FNPT
94W	100 GPM	Teflon®	9-TSL-04	yes	16.000	6.250	6.25	13.25	2" FNPT
99W	60 GPM	316L SS	9-SSL-00	yes	16.000	6.250	6.25	13.25	2" FNPT
95W	80 GPM	316L SS	9-SSL-01	yes	16.000	6.250	6.25	13.25	2" FNPT
96W	100 GPM	316L SS	9-SSL-02	yes	16.000	6.250	6.25	13.25	2" FNPT
97W	120 GPM	316L SS	9-SSL-03	yes	16.000	6.250	6.25	13.25	2" FNPT
98W	150 GPM	316L SS	9-SSL-04	yes	16.000	6.250	6.25	13.25	2" FNPT
100W	84 GPM	Hastelloy®	9-HSL-01	yes	16.000	6.250	6.25	13.25	2" FNPT
101W	106 GPM	Hastelloy®	9-HSL-02	yes	16.000	6.250	6.25	13.25	2" FNPT
102W	126 GPM	Hastelloy®	9-HSL-03	yes	16.000	6.250	6.25	13.25	2" FNPT
103W	160 GPM	Hastelloy®	9-HSL-04	yes	16.000	6.250	6.25	13.25	2" FNPT

DIMENSION DIAGRAM



SPECIFICATIONS – AIR METERING

Order Number	Flow Range Air	Float Material	Float Number	Alarm Option	Dimensions (Inches)				Connection Size
					A	B	C	D	
43A	6.1 SCFM	316L SS	4-SSL-01	yes	12.875	4.625	4.50	9.58	1/2" FNPT
44A	12.4 SCFM	316L SS	4-SSL-02	yes	12.875	4.625	4.50	9.58	1/2" FNPT
53A	25 SCFM	316L SS	5-SSL-01	no	12.875	4.625	4.50	9.58	3/4" FNPT
54A	41 SCFM	316L SS	5-SSL-02	yes	12.875	4.625	4.50	9.58	3/4" FNPT
65A	50 SCFM	316L SS	6-GVL-01	yes	12.875	4.625	4.50	9.58	1" FNPT
66A	76 SCFM	316L SS	6-SSL-02	yes	12.875	4.625	4.50	9.58	1" FNPT
67A	100 SCFM	316L SS	6-SSL-03	yes	12.875	4.625	4.50	9.58	1" FNPT
99A	245 SCFM	316L SS	9-SSL-00	yes	16.000	6.250	6.25	13.25	2" FNPT
95A	330 SCFM	316L SS	9-SSL-01	yes	16.000	6.250	6.25	13.25	2" FNPT

ORDERING:

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

7	3	1	1						
---	---	---	---	--	--	--	--	--	--

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

* Not for air service