

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 Stainless Steel, Teflon
Polysulfone or Hastelloy® C-276

Inlet/Outlet Fittings

FNPT, Vertical

Fitting Material

Standard: 316L Stainless Steel
Optional: PVC

Elastomers

Standard: Viton®
Optional: Buna N, EPR, and Kalrez®

Case and Covers

304 Stainless Steel Case
Polycarbonate Shield

PERFORMANCE

Capacities

0.5 to 100 GPM — Water (Teflon® float)
1.5 to 160 GPM — Water (Metal float)
6.1 to 330 SCFM — Air

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 unless otherwise indicated

Repeatability

1/2%
1% (120 & 150 GPM Metal floats)
1% (Teflon® floats)

Max Temperature

316L SS Fittings — 200° F (93° C)
PVC Fittings — 130° F (54° C)

Max Pressure

316L SS Fittings — 200 psig
PVC & PVDF Fittings — 150 psig (sizes 41W to 72W)
PVC & PVDF Fittings — 125 psig (size 90W to 103W)

Ambient Temperature

33° F to 125° F (1° C to 52° C)

OPTIONS

Alarm

Latching Reed Switch (see page 49)

Certified Calibrations

Conform to ISA RP 16.6

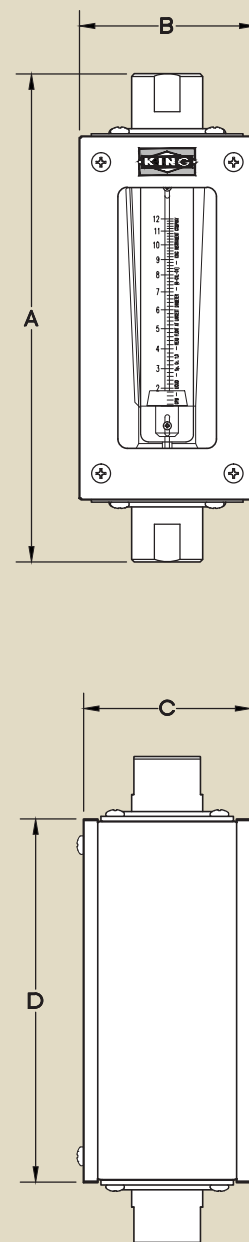
Scales

Can be produced in any volumetric unit

SPECIFICATIONS:

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-SSL-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
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-SSL-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

DIMENSION DIAGRAM



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 1 1	316L SS - 2	316L SS - 2	EPR - 1	No Alarm - 0	See Specification
	PVC* - 3	Hastelloy® C-276 - 4	Buna-N - 2	With Alarm - A	Table Above
	PVDF* - 7	Teflon® - 6	Viton® - 3		
		PVDF - 7	Kalrez® - 4		

* Not for air service