



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®, PVDF 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
Water (PVDF float) 0.5 GPM
Water (Teflon® float) 1 to 100 GPM
Water (Metal float) 1.5 to 160 GPM
Air 6.1 to 330 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® & PVDF floats)

Turndown
10:1

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

Order Number	Flow Range Water	Float Material	Float Number	Float Type	Alarm Option
41W	0.5 GPM	PVDF	4-TSL-01	SL	no
42W	1 GPM	Teflon®	4-TSL-02	SL	yes
43W	1.5 GPM	316L SS	4-SSL-01	SL	yes
44W	3 GPM	316L SS	4-SSL-02	SL	yes
45W	1.6 GPM	Hastelloy®	4-HSL-01	SL	yes
46W	3.2 GPM	Hastelloy®	4-HSL-02	SL	yes
51W	2.4 GPM	Teflon®	5-TSL-01	SL	yes
52W	5 GPM	Teflon®	5-TSL-02	SL	yes
53W	6 GPM	316L SS	5-SSL-01	SL	yes
54W	10 GPM	316L SS	5-SSL-02	SL	yes
55W	6.3 GPM	Hastelloy®	5-HSL-01	SL	yes
56W	10.6 GPM	Hastelloy®	5-HSL-02	SL	yes
61W	7.6 GPM	Teflon®	6-TSL-01	SL	yes
62W	10 GPM	Teflon®	6-TSL-02	SL	yes
63W	15 GPM	Teflon®	6-TSL-03	SL	yes
64W	20 GPM	Teflon®	6-TSL-04	SL	yes
65W	12 GPM	316L SS	6-GVL-01	GV	yes
66W	18 GPM	316L SS	6-SSL-02	SL	yes
67W	25 GPM	316L SS	6-SSL-03	SL	yes
68W	35 GPM	316L SS	6-SSL-04	SL	yes
69W	13 GPM	Hastelloy®	6-HSL-01	SL	yes
70W	19 GPM	Hastelloy®	6-HSL-02	SL	yes
71W	26.5 GPM	Hastelloy®	6-HSL-03	SL	yes
72W	37 GPM	Hastelloy®	6-HSL-04	SL	yes
90W	40 GPM	Teflon®	9-TSL-00	SL	yes
91W	60 GPM	Teflon®	9-TSL-01	SL	yes
92W	80 GPM	Teflon®	9-TSL-02	SL	yes
94W	100 GPM	Teflon®	9-TSL-04	SL	yes
99W	60 GPM	316L SS	9-SSL-00	SL	yes

Order Number	Flow Range Water	Float Material	Float Number	Float Type	Alarm Option
95W	80 GPM	316L SS	9-SSL-01	SL	yes
96W	100 GPM	316L SS	9-SSL-02	SL	yes
97W	120 GPM	316L SS	9-SSL-03	SL	yes
98W	150 GPM	316L SS	9-SSL-04	SL	yes
100W	84 GPM	Hastelloy®	9-HSL-01	SL	yes
101W	106 GPM	Hastelloy®	9-HSL-02	SL	yes
102W	126 GPM	Hastelloy®	9-HSL-03	SL	yes
103W	160 GPM	Hastelloy®	9-HSL-04	SL	yes

*Alarm option not available for 41W

Order Number	Flow Range Air	Float Material	Float Number	Float Type	Alarm Option
43A	6.1 SCFM	316L SS	4-SSL-01	SL	yes
44A	12.4 SCFM	316L SS	4-SSL-02	SL	yes
53A	25 SCFM	316L SS	5-SSL-01	SL	no
54A	41 SCFM	316L SS	5-SSL-02	SL	yes
65A	50 SCFM	316L SS	6-GVL-01	GV	yes
66A	76 SCFM	316L SS	6-SSL-02	SL	yes
67A	100 SCFM	316L SS	6-SSL-03	SL	yes
99A	245 SCFM	316L SS	9-SSL-00	SL	yes
95A	330 SCFM	316L SS	9-SSL-01	SL	yes

*Alarm option not available for 53A

Order Number	Dimensions (Inches)		Connection Size
	A	B	
41W - 46W & 41A - 46A	12.875	4.625	1/2" FNPT
51W - 56W & 51A - 56A	12.875	4.625	3/4" FNPT
61W - 72W & 61A - 72A	12.875	4.625	1" FNPT
90W - 103W & 90A - 103A	16.000	6.250	2" FNPT

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		
	* Not for air service	PVDF - 7	Kalrez® - 4		