



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

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

Order Number	Dimensions (Inches)		Connection Size
	A	B	
41W - 46W	10.00	1.375	1/2" FNPT
51W - 56W	10.00	1.750	3/4" FNPT
61W - 72W	11.75	2.250	1" FNPT
90W - 103W	16.00	3.785	2" FNPT

SPECIFICATIONS:

Order Number	Flow Range Water	Float Material	Float Number	Float Type	Alarm Option
41W	.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

Order Number	Flow Range Water	Float Material	Float Number	Float Type	Alarm Option
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
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

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