

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

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

### PERFORMANCE

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

### OPTIONS

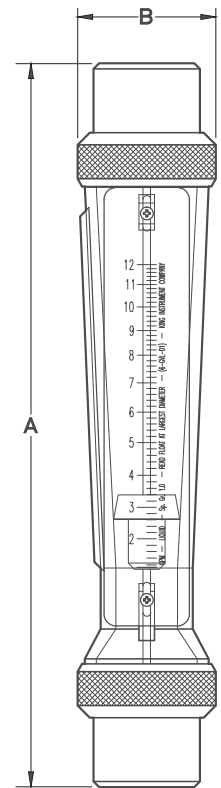
<b>Alarm</b>	Latching Reed Switch
<b>Certified Calibrations</b>	Conform to ISA RP 16.6
<b>Scales</b>	Any volumetric unit

# 7330 Series Specifications

## Polysulfone Tube

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	3.785	2" FNPT
91W	60 GPM	Teflon®	9-TSL-01	yes	16.00	3.785	2" FNPT
92W	80 GPM	Teflon®	9-TSL-02	yes	16.00	3.785	2" FNPT
94W	100 GPM	Teflon®	9-TSL-04	yes	16.00	3.785	2" FNPT
99W	60 GPM	316L SS	9-SSL-00	yes	16.00	3.785	2" FNPT
95W	80 GPM	316L SS	9-SSL-01	yes	16.00	3.785	2" FNPT
96W	100 GPM	316L SS	9-SSL-02	yes	16.00	3.785	2" FNPT
97W	120 GPM	316L SS	9-SSL-03	yes	16.00	3.785	2" FNPT
98W	150 GPM	316L SS	9-SSL-04	yes	16.00	3.785	2" FNPT
100W	84 GPM	Hastelloy®	9-HSL-01	yes	16.00	3.785	2" FNPT
101W	106 GPM	Hastelloy®	9-HSL-02	yes	16.00	3.785	2" FNPT
102W	126 GPM	Hastelloy®	9-HSL-03	yes	16.00	3.785	2" FNPT
103W	160 GPM	Hastelloy®	9-HSL-04	yes	16.00	3.785	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