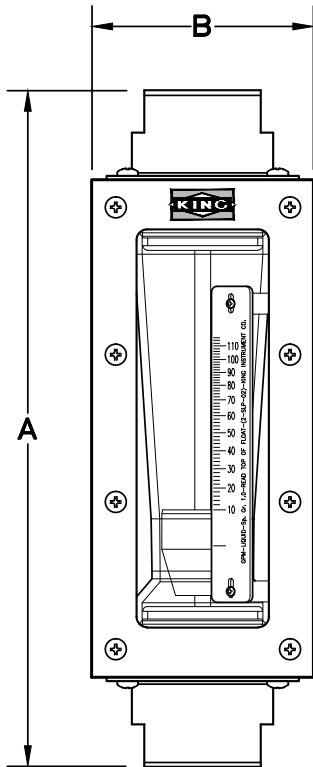


# 7610 Series Flowmeters



7610 models feature fully enclosed, 127 mm scale, borosilicate glass metering tube with 304 stainless steel case. In-line 316L fittings and internals or PVC fittings with Hastelloy® C-276 internals are suitable for a variety of applications

## DESCRIPTION

- Metering Tube**  
Borosilicate Kinglass
- Internal Components**  
Standard: 316L Stainless Steel  
Optional: 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**  
0.25 to 116 GPM — Water  
1 to 245 SCFM — Air
- Scale**  
127 mm (5")  
Direct Reading, Detachable 5
- Accuracy**  
± 3% of Full Scale Flow
- Turndown**  
10:1 unless otherwise indicated
- Repeatability**  
0.5%
- Max Temperature**  
316L SS Fittings — 200° F (93° C)  
PVC Fittings — 110° F (43° C)
- Max Pressure**  
316L SS Fittings —  
250 psig, size 3 & 4  
316L SS Fittings —  
200 psig, size 5 & 6  
316L SS Fittings —  
150 psig, size 8 & 9  
PVC Fittings — 100 psig
- 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**  
Can be produced in any volumetric unit

## SPECIFICATIONS:

Order No.	GPM Water	Alarm Opt.	Order No.	SCFM Air	Alarm Opt.	Float Number	Float Type	Press. Drop (W.C.)	Tube Size - Number	Dimensions (Inches)		Connection Size FNPT
										A	B	
31W	.25	No	31A	1.0	No	3/8 -LPG-01	LP	—	3G - 3/8-20-G-5	11.875	3.15	1/2"
32W	.36	No	32A	1.5	No	3/8-SLG-01	SL	2	3G - 3/8-20-G-5	11.875	3.15	1/2"
33W	.74	No	33A	3.0	No	3/8-SLG-02	SL	5	3G - 3/8-20-G-5	11.875	3.15	1/2"
41W	1.0	No	41A	4.2	No	1/2-LPG-01	LP	6	4G - 1/2-27-G-5	11.875	3.15	1/2"
43W	2.0	Yes	43A	8.2	Yes	1/2-SLG-01	GS	10	4G - 1/2-27-G-5	11.875	3.15	1/2"
51W	1.5	No	51A	6.0	No	3/4-LPG-01	LP	3	5G - 3/4-30-G-5	13.75	3.95	1"
52W	3.8	Yes	52A	16.0	Yes	3/4-GSG-01	GS	10	5G - 3/4-30-G-5	13.75	3.95	1"
53W	5.0	Yes	53A	21.5	Yes	3/4-SLG-01	SL	14	5G - 3/4-30-G-5	13.75	3.95	1"
61W	6.0	No	61A	25.5	No	1-GVP-01	GV	5	6P - 1-33-P-5	13.75	3.95	1"
62W	7.4	No	62A	30.0	No	1-GVP-02	GV	6	6P - 1-33-P-5	13.75	3.95	1"
63W	9.6	No	63A	40.0	No	1-GSP-01	GS	10	6P - 1-33-P-5	13.75	3.95	1"
64W	11.0	No	64A	45.0	No	1-GSP-02	GS	13	6P - 1-33-P-5	13.75	3.95	1"
65W	14.0	No	65A	62.0	No	1-GSP-03	GS	24	6P - 1-33-P-5	13.75	3.95	1"
66W	20.0	Yes	66A	90.0	Yes	1-SLP-01	SL	39	6P - 1-33-P-5	13.75	3.95	1"
67W	26.0	Yes	—	—	—	1-SLP-02	SL	45	6P - 1-33-P-5	13.75	3.95	1"
81W	22.0	Yes	81A	90.0	Yes	1 1/2-GVP-01	GV	16	8P - 1 1/2-34-P-5	16	5.312	2"
82W	44.0	Yes	82A	180.0	Yes	1 1/2-SLP-01	SL	30	8P - 1 1/2-34-P-5	16	5.312	2"
83W	61.0	Yes	83A	250.0	Yes	1 1/2-SLP-02	SL	40	8P - 1 1/2-34-P-5	16	5.312	2"
91W	41.0	Yes	91A	160.0	Yes	2-GVP-01	GV	5	9P - 2-33-P-5	16	5.312	2"
92W	60.0	Yes	92A	245.0	Yes	2-GSP-01	GS	16	9P - 2-33-P-5	16	5.312	2"
93W	86.0	Yes	—	—	—	2-SLP-01	SL	25	9P - 2-33-P-5	16	5.312	2"
94W	116.0	Yes	—	—	—	2-SLP-02	SL	45	9P - 2-33-P-5	16	5.312	2"

## ORDERING:

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

Meter Series	Fitting Material	Float Material	O-Ring Material	Alarm Option	Order Number
7 6 1	316L SS - 2 PVC (not for air service) - 3	316L SS - 2 Hastelloy® C-276 - 4	EPR - 1 Buna - N - 2 Viton® - 3 Kalrez® - 4	No Alarm - 0 Alarm - A	See Specification Table Above