

70 flow ranges in 7 tube sizes makes these 250 mm scale glass tube, 304 Stainless Steel case models one of our largest series. Dual port connections (both horizontal and vertical on each end) allow for a variety of installation options.



DESCRIPTION

Metering Tube

Borosilicate Kingglass

Internal Components

Standard: 316L Stainless Steel

Optional: Hastelloy C-276

Inlet/Outlet Fittings

NPT or Flange, Vertical or Horizontal

360° Fully Rotatable

Fitting Material

Standard: 316L Stainless Steel

Optional: PVC (vertical connections only)

Elastomers

Standard: Viton

Optional: Buna N, EPDM, and Kalrez

Case and Covers

304 Stainless Steel Case

Polycarbonate Shield

PERFORMANCE

Capacities

0.22 to 132 GPM — Water

0.9 to 350 SCFM — Air

Scale

250mm (10")

Direct reading, detachable

Accuracy

± 2% of Full Scale Flow

Turndown

10:1 unless otherwise indicated

Repeatability

0.5 %

Max Temperature

316L SS Fittings — 200° F (93° C)

PVC Fittings — 115° F (46° C)

Max Pressure

316L SS Fittings — 300 psig, size 3 & 4

316L SS Fittings — 250 psig, size 5 & 6

316L SS Fittings — 150 psig, size 8

316L SS Fittings — 125 psig, size 9

PVC Fittings — 150 psig, size 3,4,5,6 & 8

PVC Fittings — 125 psig, size 9

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

Float Types

GS, GV, LP, SL, see page 48

SPECIFICATIONS:

Order No.	Full Scale Flow GPM - Water	Alarm Opt.	Order No.	Full Scale Flow SCFM - Air	Alarm Opt.	Float Number	Float Type	Press. Drop In W.C	Tube Size	Tube Number
31W	0.220	No	31A	.9	No	3/8-LPG-01	LP	—	3G	3/8-20-G-10
32W	0.315	No	32A	1.4	No	3/8-SLG-01	SL	2	3G	3/8-20-G-10
33W	0.640	No	33A	2.7	No	3/8-SLG-02	SL	7	3G	3/8-20-G-10
41W	0.77	No	41A	3.4	No	1/2-LPG-01	LP	6	4G	1/2-32-G-10
42W	1.02	No	42A	4.4	No	1/2-LPG-02	LP	10	4G	1/2-32-G-10
43W	1.20	Yes	43A	5.0	Yes	1/2-GVG-01	GV	10	4G	1/2-32-G-10
44W	1.44	No	44A	6.1	No	1/2-GSG-01	GS	15	4G	1/2-32-G-10
45W	1.92	Yes	45A	8.5	Yes	1/2-SLG-01	SL	28	4G	1/2-32-G-10
46W	2.26	Yes	46A	10.2	Yes	1/2-SLG-02	SL	41	4G	1/2-32-G-10
51W	1.1	No	51A	4.5	No	3/4-LPG-01	LP	1	5G	3/4-28-G-10
52W	2.4	Yes	52A	10.0	Yes	3/4-GVG-01	GV	4	5G	3/4-28-G-10
53W	3.0	Yes	53A	12.0	Yes	3/4-GSG-01	GS	5	5G	3/4-28-G-10
54W	3.3	Yes	54A	13.2	Yes	3/4-GVG-02	GV	6	5G	3/4-28-G-10
55W	4.0	Yes	55A	16.4	Yes	3/4-GSG-02	GS	6	5G	3/4-28-G-10
56W	5.2	Yes	56A	22.0	Yes	3/4-SLG-01	SL	18	5G	3/4-28-G-10
61W	6.9	Yes	—	—	—	1-LPG-02	LP	4	6G	1-32-G-10
62W	9.8	No	—	—	—	1-SLG-01	SL	8	6G	1-32-G-10
63W	12.6	Yes	—	—	—	1-SLG-02	SL	13	6G	1-32-G-10
64W	6.7	No	64A	27.0	No	1-LPP-01	LP	4	6P	1-40-P-10
65W	7.4	No	65A	30.0	No	1-GVP-01	GV	6	6P	1-40-P-10
66W	8.5	No	66A	35.0	No	1-GVP-02	GV	8	6P	1-40-P-10
67W	10.4	No	67A	42.5	No	1-GSP-01	GS	10	6P	1-40-P-10
68W	11.6	No	68A	46.5	No	1-GVP-03	GV	15	6P	1-40-P-10
69W	12.0	No	69A	50.0	No	1-GSP-02	GS	14	6P	1-40-P-10
610W	15.6	No	610 A	63.0	No	1-GSP-03	GS	24	6P	1-40-P-10
611W	21.6	Yes	611A	100.0	Yes	1-SLP-01	SL	61	6P	1-40-P-10
612W	27.5	Yes	—	—	—	1-SLP-02	SL	85	6P	1-40-P-10
613W	34.5	Yes	—	—	—	1-SLP-03	SL	110	6P	1-40-P-10
84W	17.0	No	84A	70.0	No	11/2-GVP-01	GV	10	8P	11/2-32-P-10
85W	21.2	No	85A	87.0	No	11/2-GVP-02	GV	13	8P	11/2-32-P-10
86W	22.2	No	—	—	—	11/2-GSP-01	GS	14	8P	11/2-32-P-10
87W	24.8	No	87A	102.0	No	11/2-GVP-03	GV	18	8P	11/2-32-P-10
88W	28.5	No	—	—	—	11/2-GSP-02	GS	20	8P	11/2-32-P-10
89W	35.0	No	—	—	—	11/2-GSP-03	GS	24	8P	11/2-32-P-10
94W	41.5	No	94A	170.0	No	2-GVP-01	GV	20	9P	2-30-P-10
95W	58.0	No	95A	240.0	No	2-GSP-01	GS	25	9P	2-30-P-10
96W	65.0	No	96A	270.0	No	2-GSP-02	GS	30	9P	2-30-P-10
97W	85.0	No	97A	350.0	No	2-SLP-00	SL	40	9P	2-30-P-10
98W	100.0	No	—	—	—	2-SLP-01	SL	50	9P	2-30-P-10
99W	132.0	No	—	—	—	2-SLP-02	SL	60	9P	2-30-P-10

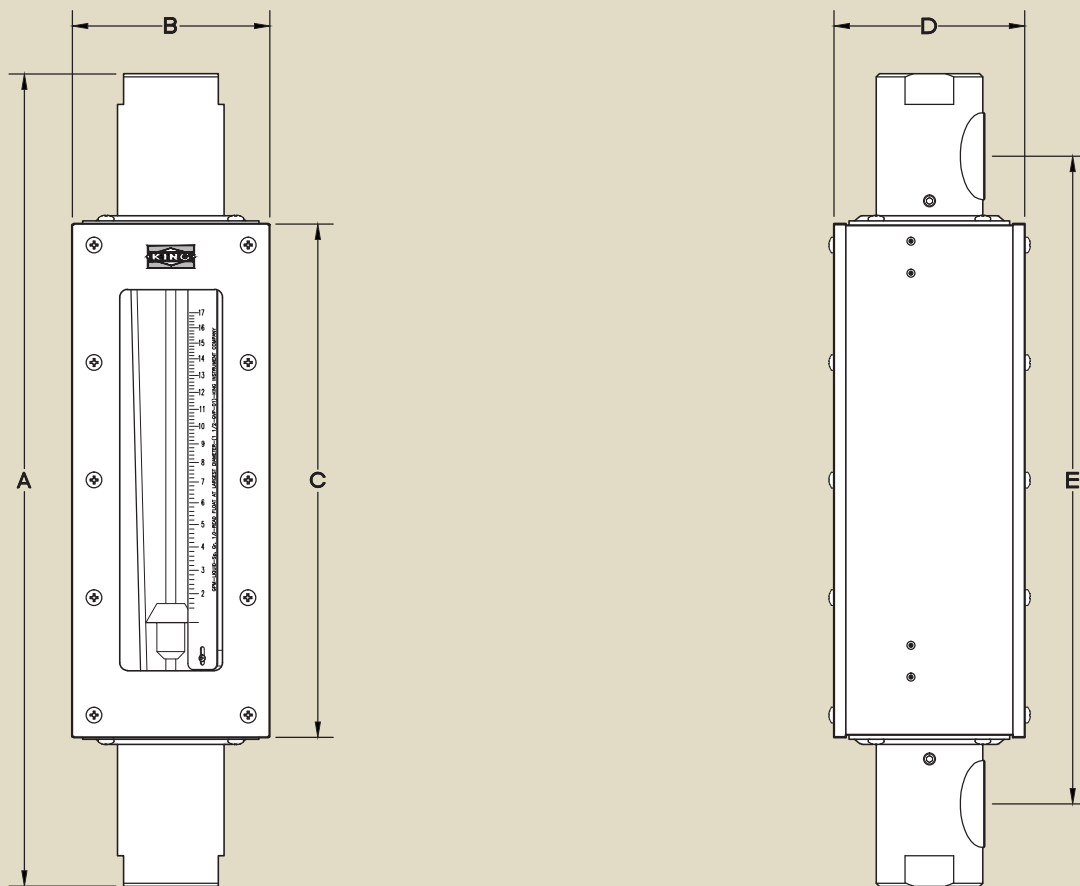
ORDERING:

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

7	9	1						*		
Meter Series	Fitting Material	Float Material	O-ring Material	Order Number	Connection	Alarm Option				
	316 Stainless Steel - 2	316L SS - 2	EPR - 1	See Specifications	Vertical - V	No Alarm - 0				
	PVC (not for air) - 3	Hastelloy 276-C - 4	Buna-N - 2	Table	Horizontal - H	Alarm - A				
			Viton® - 3		(plastic fittings					
			Kalrez® - 4		vertical only)					

* Only use this box with order numbers 610W thru 613W. Otherwise leave blank

DIMENSION DIAGRAM



Order no.	Dimensions (Inches)					Connection Size
	A	B	C	D	E	FNPT
31W - 46W	20	3.125	14.45	3.125	17.50	1/2" (FNPT) Flange connection are also available. Contact the factory.
51W - 69W	20	4.625	14.45	4	17.50	1" (FNPT) Flange connections are also available. Contact the factory
84W - 99W	25	6.25	16.25	6.125	20.50	1 1/2" Horiz., 2" Vert (FNPT) (PVC fittings vert. only) Flange connection also available. Contact the factory
610W-613W	20	4.625	14.45	4	17.50	1" (FNPT) Flange connections are also available. Contact the factory

FLOAT TYPES

