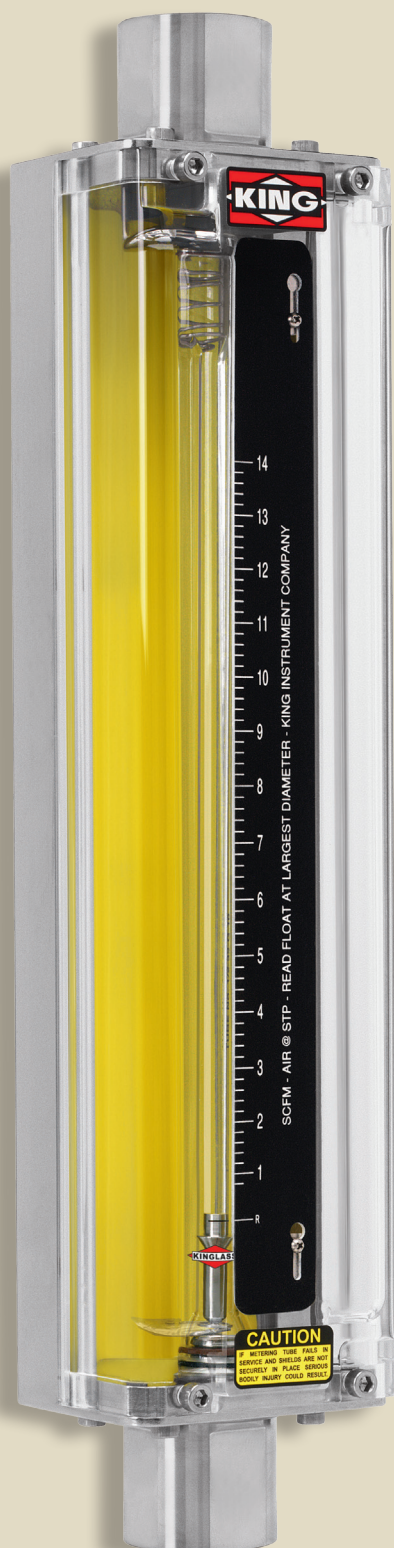


35 flow ranges in 6 tube sizes with full horizontal and vertical connection options make these flowmeters the most versatile removable glass tube meters available. The powder-coated 304 stainless steel case and precision molded polycarbonate shield will tolerate most corrosive applications.



DESCRIPTION

Metering Tube

Borosilicate Kinglass

Internal Components

Standard: 316L Stainless Steel

Optional: Hastelloy C-276

Inlet/Outlet Fittings

FNPT or Flange, Vertical or Horizontal

Fitting Material

Standard: 316L Stainless Steel

Optional: PVDF (FNPT Only)

Elastomers

Standard: Viton

Optional: Buna N, EPR, and Kalrez®

Case

Powder-coated 304 Stainless Steel

Cover

Molded Polycarbonate Shield

PERFORMANCE

Capacities

0.23 to 85 GPM - Water

1.15 to 285 SCFM - Air

Scale

Size 3 to 6 — 250 mm (10")

Size 8 to 9 — 200 mm (8")

Direct reading, detachable; dual scales available upon request

Accuracy

± 2% of Full Scale Flow

Turndown

10:1 unless otherwise indicated

Repeatability

0.5%

Max Temperature

316L SS Fittings — 200° F (93° C)

PVDF Fittings — 200° F (93° C)

Max Pressure

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

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

316L SS Fittings — 75 psig, size 8 & 9

PVDF Fittings — 150 psig, size 3&4

PVDF Fittings — 150 psig, size 5&6

PVDF Fittings — 75 psig, size 8&9

Ambient Temperature

33° F to 125° F (1° C to 52° C)

OPTIONS

Alarm

Latching Reed Switch

Valve

External Valve - 316L SS

(Size 3 to Size 6 FNPT only)

Certified Calibrations

Conform to ISA RP 16.6

Scales

Can be produced in any volumetric unit.

SPECIFICATIONS:

Order Number	Full Scale Flow GPM - Water	Order Number	Full Scale Flow SCFM - Air	Float Number	Float Type	Alarm Option	Press. Drop In W.C
31W	0.23	31A	1.15	3-BLG-01	BL	No	4
32W	0.49	32A	2.10	3-BLG02	BL	No	4
33W	.64	33A	2.64	3-HFG-01	HF	Yes	4
34W	.77	34A	3.20	3-LJG-01	LJ	Yes	4
41W	1.1	41A	4.20	4-GVG-01	GV	Yes	6
42W	1.3	42A	5.50	4-GSG-01	GS	Yes	6
43W	1.5	43A	6.20	4-GVG-02	GV	Yes	8
44W	1.8	44A	7.60	4-GSG-02	GS	Yes	9
45W	2.2	45A	9.00	4-GSG-03	GS	Yes	15
46W	2.5	46A	10.2	4-GSG-03	GS	Yes	19
47W	3.4	47A	14.0	4-GSG-04	GS	Yes	27
51W	2.5	51A	10.0	5-GVG-01	GV	Yes	6
52W	3.0	52A	12.0	5-GSG-01	GS	Yes	6
53W	3.5	53A	14.4	5-GSG-02	GS	Yes	10
54W	4.0	54A	16.4	5-GVG-02	GV	Yes	15
55W	5.0	55A	20.0	5-LJG-01	LJ	Yes	41
61W	6.5	61A	26.8	6-GSG-01	GS	Yes	13
62W	7.0	62A	28.8	6-GVG-01	GV	Yes	20
63W	8.2	63A	34.0	6-GSG-02	GS	Yes	27
64W	10.5	64A	44.0	6-GVG-02	GV	Yes	30
65W	13.0	65A	54.0	6-GSG-03	GS	Yes	32
66W	16.0	66A	66.0	6-GVG-03	GV	Yes	48
67W	20.0	67A	82.0	6-HFG-01	HF	Yes	97
81W	15.0	81A	61.0	8-GVG-01	GV	Yes	8
82W	20.0	82A	82.0	8-GVG-02	GV	Yes	13
83W	25.0	83A	103.0	8-GVG-03	GV	Yes	22
84W	28.0	84A	122.0	8-GSG-01	GS	Yes	30
85W	32.0	85A	145.0	8-GSG-02	GS	Yes	24
86W	36.0	86A	155.0	8-HFG-01	HF	Yes	43
91W	41.0	91A	165.0	9-GVG-01	GV	Yes	28
92W	50.0	92A	195.0	9-GVG-02	GV	Yes	44
93W	60.0	93A	245.0	9-GSG-01	GS	Yes	36
94W	70.0	94A	285.0	9-HFG-01	HF	Yes	62
95W	85.0	---	---	9-LJG-01	LJ	Yes	88

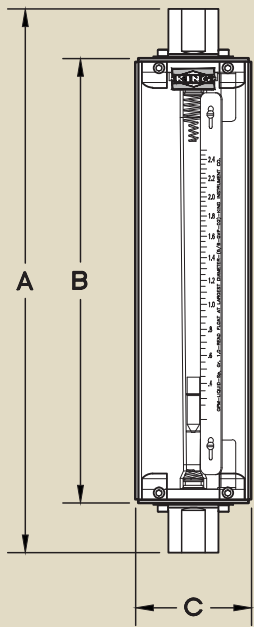
ORDERING:

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

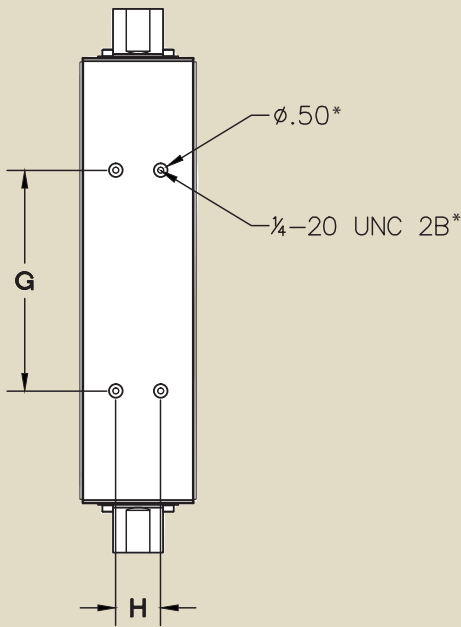
9	0	0						
Meter Series	Fitting Type/Material			Float Material	O-ring Material	Order Number		Optional Alarm
	Vertical FNPT - 316L SS - 1			316L SS - 2	EPR - 1	See Specification		No Alarm - 0
	Horizontal FNPT - 316L SS - 2			Hastelloy® C-276 - 4	Buna-N - 2	Table Above		With Alarm - 1
	Vertical Flange -316L SS - 150# - 3			Glass - 5 (For 31A &31W only)	Viton® - 3			Dual Alarm - 2
	Horizontal Flange -316L SS- 150# - 4				Kalrez® - 4			See Specification
	Vertical Flange -316L SS - 300# - 5							Table For Availability
	Horizontal Flange -316L SS - 300# - 6							
	Vertical FNPT - PVDF - 7							
	Horizontal FNPT - PVDF - 8							

DIMENSION DIAGRAM

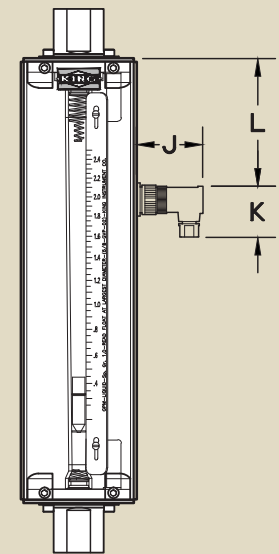
Vertical FNPT - Front View



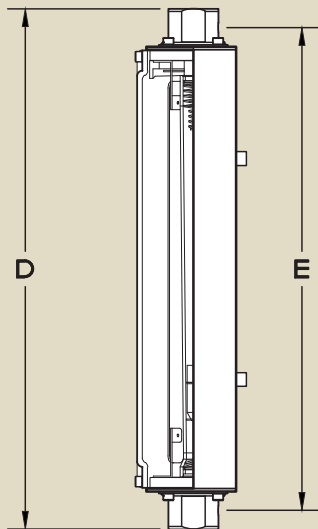
Vertical FNPT - Back View



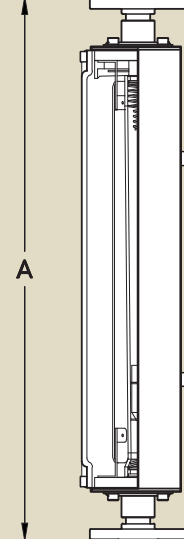
Alarm Connection



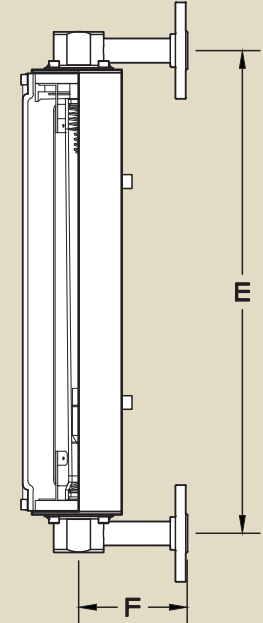
Horizontal FNPT Side View



Vertical Flange Side View



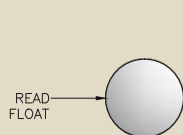
Horizontal Flange Side View



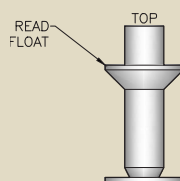
Order Number	Connection Size		Case And Fittings (in inches)						Mounting		Alarm Connection		
	FNPT	Flange	A	B	C	D	E	F	G	H	J	K	L
31W/A - 47W/A	1/2"	1/2"	19.70	16.10	4.13	18.86	17.50	3.94	8.00	1.63	2.50	1.85	4.63
51W/A - 67W/A	3/4"	1"	19.70	16.10	4.13	18.86	17.50	4.72	8.00	1.63	2.50	1.85	4.63
81W/A - 95W	1 1/2"	1 1/2"	19.78	16.30	5.75	23.26	20.50	5.12	*	*	2.50	1.85	4.83

* Mounting studs are not available in size 8 and 9

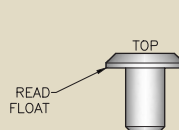
FLOAT TYPES



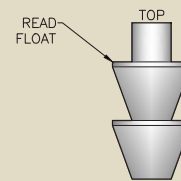
BL



GS



GV



LJ