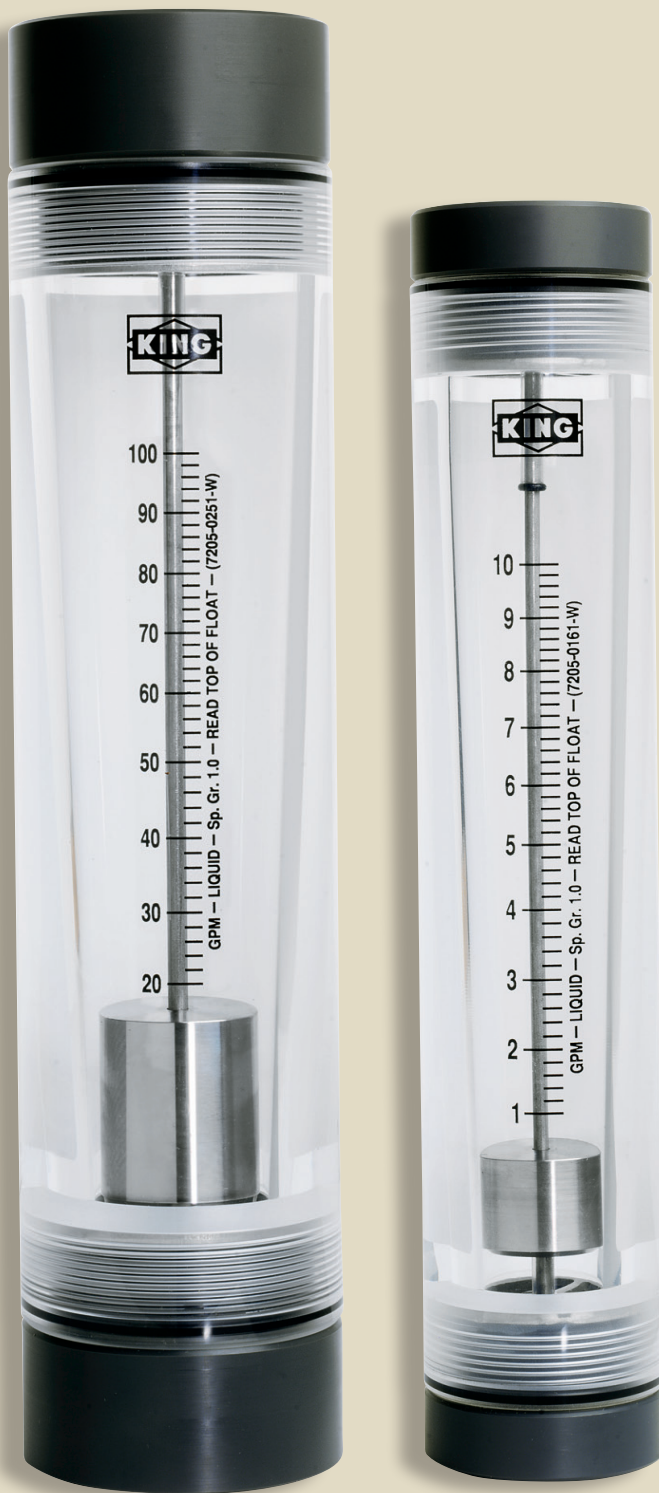


A real value in general purpose rotameters. Vertical connections are from 3/8" NPT to 2" NPT



DESCRIPTION

Metering Tube

Machined Cast Acrylic

Internal Components

316L Stainless Steel

Inlet/Outlet Fittings

NPT, Vertical

Fitting Material

Standard: PVC (not for air service)

Optional: 316 Stainless Steel, Brass, Aluminum

Elastomers

Standard: EPR

Optional: Buna-N, Viton

PERFORMANCE

Capacities

1 to 200 GPM — Water

4 to 245 SCFM — Air

Scale

127 mm (5")

Direct reading

Accuracy

± 3% to ± 6% of Full Scale Flow

See specifications table

Turndown

10:1 unless otherwise indicated

Repeatability

1% to 2%

See specifications table

Max Temperature

Water — 130° F (54° C)

Air — 100° F (38° C)

Max Pressure

Water — 150 psig

Air — 100 psig

Ambient Temperature

33° F to 125° F (1° C to 52° C)

OPTIONS

Certified Calibrations

Conform to ISA RP 16.6

Scales

Can be produced in any volumetric unit

CAUTION:

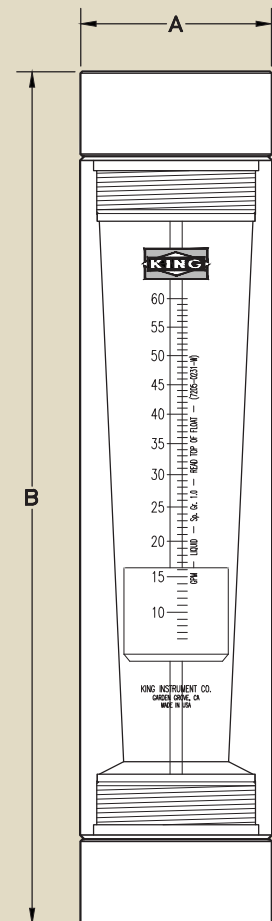
Meters used in gas service are designed to operate at 14.7 psia. Meters used in pressure gas service must be shielded using 3/8" polycarbonate to protect personnel and equipment in the event of tube failure.

SPECIFICATIONS:

Order Number	Flow GPM - Water	Flow SCFM - Air	F.S. Accuracy Repeatability	Press. Drop (In. / W.C.)	Connection Size	Dimensions	
						A	B
0051	1	4	3%/2%	2.9	3/8" FNPT	1.375"	8.25"
0052	1	4	3%/2%	2.9	1/2" FNPT	1.375"	8.25"
0061	2	8	3%/2%	5.2	3/8" FNPT	1.375"	8.25"
0062	2	8	3%/2%	5.2	1/2" FNPT	1.375"	8.25"
0071	3.5	14	3%/2%	9.5	3/8" FNPT	1.375"	8.25"
0072	3.5	14	3%/2%	9.5	1/2" FNPT	1.375"	8.25"
0081	5	20	3%/2%	13.1	3/8" FNPT	1.375"	8.25"
0082	5	20	3%/2%	13.1	1/2" FNPT	1.375"	8.25"
0151	5	20	3%/1%	10	1" FNPT	2.000"	10.25"
0161	10	43	3%/1%	12	1" FNPT	2.000"	10.25"
0171	15	62	3%/1%	18	1" FNPT	2.000"	10.25"
0181	21	86	3%/1%	22	1" FNPT	2.000"	10.25"
0191	30.5	—	3%/1%	26	1" FNPT	2.000"	10.25"
0201	40	—	6%/2%	32	1 1/2" MNPT	2.000"	12.06"
0211	50	—	6%/2%	38	1 1/2" MNPT	2.000"	12.06"
0221	40	165	4%/1%	18	2" FNPT	3.000"	13.25"
0231	60	245	4%/1%	25	2" FNPT	3.000"	13.25"
0241	80	—	4%/1%	30	2" FNPT	3.000"	13.25"
0251	100*	—	4%/1%	35	2" FNPT	3.000"	13.25"
0261	120*	—	6%/2%	45	2" FNPT	3.000"	13.25"
0271	160*	—	6%/2%	60	2" FNPT	3.000"	13.25"
0281	200*	—	6%/2%	80	2" FNPT	3.000"	13.25"

* These meters have less than 10:1 turndown.

DIMENSION DIAGRAM



Order Number	Flow Range	Actual Turndown
0251	20 - 100 GPM	5:1
0261	30 - 120 GPM	4:1
0271	45 - 160 GPM	3.55:1
0281	55 - 200 GPM	3.63:1

Maximum Pressure		Maximum Temp	
Water	Air	Water	Air
150 psig	100 psig	130° F	100° F

ORDERING:

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

Meter Series	Order Number	Fitting Material	O-ring Material	Fluid to Be Metered
7 2 0 5	See Specification Table Above	Brass - 1 316L SS - 2 PVC* - 3 Aluminum - 6	EPR - 1 Buna-N - 2 Viton® - 3	GPM - Liquid - W SCFM - Air - A

* Not for air service