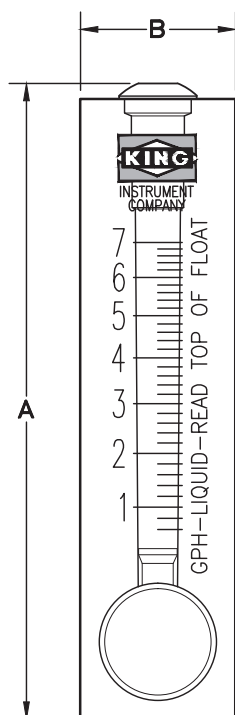


Economical machined cast acrylic block construction makes these meters great for OEM use.
Optional inlet metering valve available



DESCRIPTION

Metering Tube

Machined cast acrylic

Internal Components

316L SS

Fitting Material

Standard: PVC
(brass for 2C block size)
Optional: 316L SS or brass

Inlet/Outlet Fittings

NPT, horizontal
Control valve optional

O-Ring

Standard: EPR
Optional: Buna N, Viton®,
and Kalrez®

PERFORMANCE

Capacities

Water 7 GPH to 20 GPM
Air 2.6 SCFH to 60 SCFM

Scale

50mm, 75mm, 100mm,
127mm, 250mm
direct reading

Accuracy

± 6% of full scale flow, 50 mm scale
± 4% of full scale flow, 75 mm scale
± 4% of full scale flow, 100 mm scale
± 7% of full scale flow, 6C-04, 6C-06
± 3% of full scale flow, 127 mm scale
± 2% of full scale flow, 250 mm scale

Turndown

10:1

Repeatability

3%, 50 mm scale
2%, 75 mm scale
2%, 100 mm scale
4%, 6C-04, 6C-06
2%, 127 mm scale
0.5%, 250 mm scale

Maximum Temperature

Liquid 130° F (54° C)
Gases 100° F (38° C)

Maximum Pressure

Water 150 psig
Air 125 psig

Ambient Temperature

33° F to 125° F (1° C to 52° C)

OPTIONS

Certified Calibrations

Conform to ISA RP 16.6

Scales

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 Water	Order Number	Flow Air	Float	Dimensions (Inches)	
					A	B
Block #2C, 50mm (2 Inch) Scale						
-	-	2C-01*	2.6 SCFH	BL	4.125	1
-	-	2C-03**	5 SCFH	BL	4.125	1
-	-	2C-05*	10 SCFH	BL	4.125	1
-	-	2C-07*	20 SCFH	BL	4.125	1
2C-02	7 GPH	2C-09**	30 SCFH	BL	4.125	1
2C-04	12 GPH	2C-11	60 SCFH	SL	4.125	1
2C-06	22 GPH	2C-13	100 SCFH	SL	4.125	1
2C-08	44 GPH	2C-15	180 SCFH	SL	4.125	1
2C-10	60 GPH	2C-17	4 SCFM	SL	4.125	1
2C-12	75 GPH	-	-	SL	4.125	1

*These meters have glass ball floats

**These meters have stainless steel ball floats

Order Number	Flow Water	Order Number	Flow Air	Float	Dimensions (Inches)	
					A	B
Block #3C, 75mm (3 Inch) Scale						
3C-02	1 GPM	3C-01	4 SCFM	GV	6.875	1.20
3C-04	2 GPM	3C-03	8 SCFM	GV	6.875	1.20
3C-06	3.5 GPM	3C-05	15 SCFM	SL	6.875	1.20
3C-08	5 GPM	3C-07	23 SCFM	SL	6.875	1.20
Block #5C, 127mm (5 Inch) Scale						
5C-10	10 GPH	5C-11	42 SCFH	GV	8.45	1.20
5C-12	20 GPH	5C-13	100 SCFH	SL	8.45	1.20
5C-14	40 GPH	5C-15	175 SCFH	SL	8.45	1.20
5C-02	1 GPM	5C-01	4 SCFM	GV	8.45	1.20
5C-04	100 GPH	5C-03	6.8 SCFM	GV	8.45	1.20
5C-06	2 GPM	5C-05	8.2 SCFM	GV	8.45	1.20
5C-08	5 GPM	5C-07	22 SCFM	SL	8.45	1.20
Block #6C, 100mm (4 Inch) Scale						
6C-02	10 GPM	6C-01	40 SCFM	SL	9.125	1.78
6C-04	15 GPM	6C-03	60 SCFM	SL	9.125	1.78
6C-06	20 GPM	-	-	SL	9.125	1.78
Block #7C, 250mm (10 Inch) Scale						
7C-02	2 GPM	7C-01	8 SCFM	GV	14.50	1.78
7C-04	3.5 GPM	7C-03	14.4 SCFM	GV	14.50	1.78
7C-06	5 GPM	7C-05	20 SCFM	GS	14.50	1.78
7C-08	10 GPM	7C-07	42 SCFM	SL	14.50	1.78

Blocks 3C, 5C, 6C and 7C have mounting studs depicted in dimension "H" and thread "J". (Mounting nuts not supplied)

CONNECTIONS & MOUNTING

Block Number	Connection Size
2C	1/4" FNPT

Block 2C is supplied with .875" hex mounting nuts on plumbing connections.

ORDERING:

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

Meter Series	Fitting Material	O-Ring Material	Valve Material	Order Number
7520 No valve	Brass - 1	EPR - 1	Brass - 1	See Specifications
7530 With valve	316L SS - 3	Buna-N - 2	316L SS - 2	Table
		Viton® - 3	Without Valve - 0	