



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 Stainless Steel
- Inlet/Outlet Fittings**  
NPT, Horizontal  
Control Valve optional
- Fitting Material**  
Standard: PVC  
(Brass for 2C block size)  
Optional: 316L SS or Brass
- Elastomers**  
Standard: EPR  
Optional: Buna N, Viton®, and Kalrez®

### PERFORMANCE

- Capacities**  
7 GPH to 20 GPM — Water  
2.6 SCFH to 60 SCFM — Air
- 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 unless otherwise indicated
- 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
- Max Temperature**  
130° F (54° C) - Liquid  
100° F (38° C) - Gases
- Max Pressure**  
Water — 125 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

### SPECIFICATIONS:

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

\*These meters have glass ball floats

### CONNECTIONS & MOUNTING

Block Number	Connection Size
2C	1/4" FNPT

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

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

### 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 Table
7530 With valve	316L SS - 3	Buna-N - 2 Viton® - 3	316L SS - 2 Without Valve - 0	