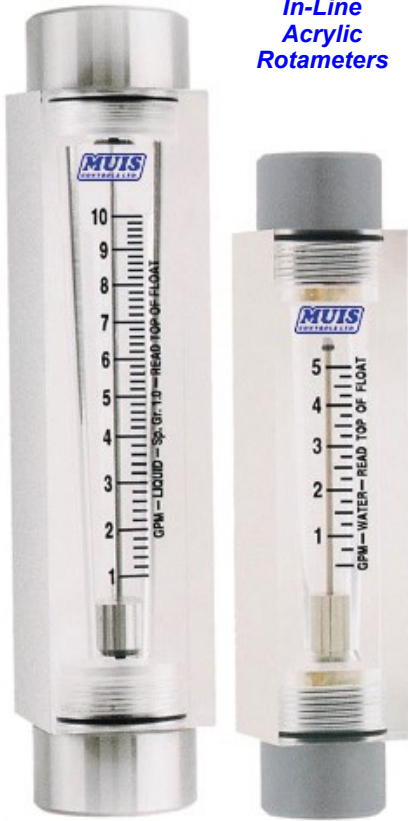


Model Number Chart

See Example Below

*In-Line
Acrylic
Rotameters*



75	Base Model Number				
	Code	Block Code			
	10	2A, 6A or 7A Block (see range codes)			
	11	2B or 5B Block (see range codes)			
		Code Fitting Material			
	1	Brass			
	2	PVC (not to be used for compressed gas service)			
	3	316 Stainless Steel			
	*	Special Code - Consult Muis Controls			
		Code O-Ring Material			
	1	EPDM			
	2	Buna-N			
	3	Viton			
		Code Range Code from Tables (select flow range)			
75	10	3	3	6A-02	◀ Typical Model Number

Description / Materials

Metering Tube	Machined cast acrylic
Internal Components	316L SS
Fitting Material	Standard : PVC Optional : 316L SS, Brass
Inlet / Outlet Fittings	FNPT, vertical
O-Ring	Standard: EPR Optional : Buna-N, Viton

Performance

Capacities	Water 7 GPH to 20 GPM Air 2.6 SCFH to 60 SCFM
Scale	50mm, 65mm, 100mm, 127mm, 250mm direct reading
Accuracy	+/- 6% of full scale flow, 50mm scale +/- 5% of full scale flow, 65mm scale +/- 4% of full scale flow, 100mm scale +/- 3% of full scale flow, 127mm scale +/- 2% of full scale flow, 250mm scale
Turndown	10:1
Repeatability	3% 50mm scale 2% 65mm scale 2% 100mm scale 2% 127mm scale 0.5% 250mm scale
Maximum Temp	Liquids 130°F (54°C) Gases 100°F (38°C)
Max Pressure	Water 125 psig Air 100 psig
Ambient Temp	33°F to 125°F (1°C to 52°C)

CAUTION

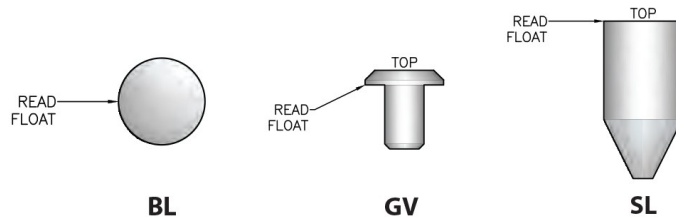
Meters used in gas service are designed to operate at 14.7 psia. Meters used in pressure gas service must be shielded using 3/8" polycarbonate to protect personnel and equipment in the event of tube failure.

Options

Certified Calibrations	Conform to ISA RP 16.6
Scales	Any volumetric unit

Float

Options for rotameter float materials and designs extend flow ranges for different fluids within a given rotameter tube design



All Muis Flow Meter Ranges Are Available in Any Engineering Unit Corrected For Specific Gravity, Pressure and Temperature at No Extra Cost

Muis Controls Ltd. - Flow Meters · Flow Controls

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Ph +1-780-459-7080 Fx +1-780-459-7085 Toll Free 1-800-661-8823
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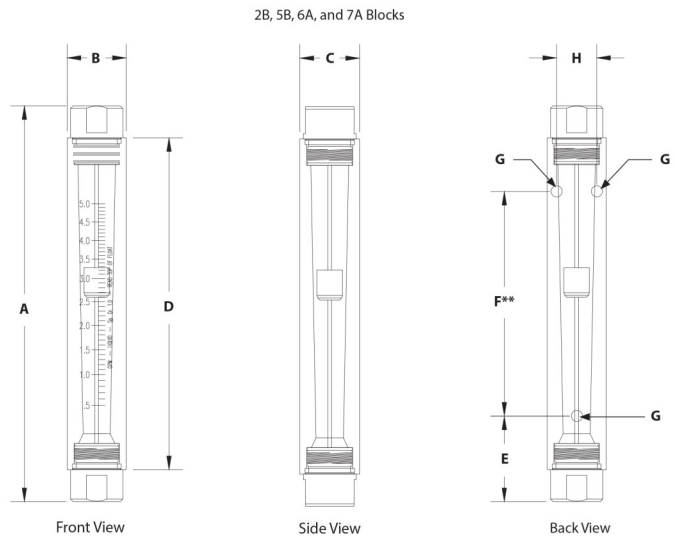
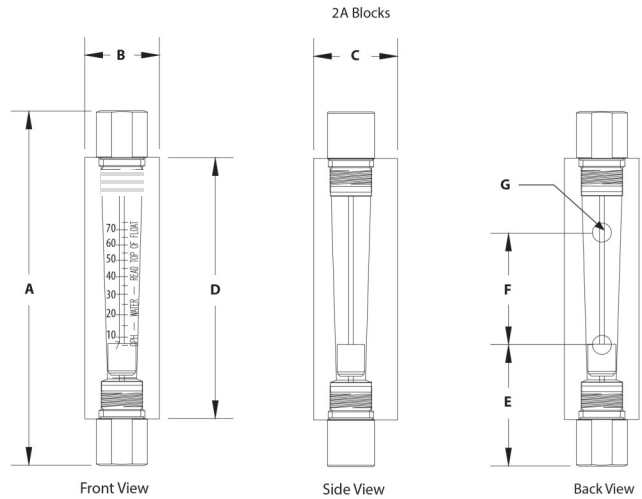
Flow Ranges

Order Number	Float	Flow Water	Order Number	Float	Flow Air
Block #2A, 50mm (2") Scale					
-		-	2A-01*	BL	2.6 SCFH
-		-	2A-03**	BL	5 SCFH
-		-	2A-05*	BL	10 SCFH
-		-	2A-07*	BL	20 SCFH
2A-02	SL	7 GPH	2A-09**	BL	30 SCFH
2A-04	SL	12 GPH	2A-11	SL	70 SCFH
2A-06	SL	22 GPH	2A-13	SL	100 SCFH
2A-08	SL	44 GPH	2A-15	SL	180 SCFH
2A-10	SL	60 GPH	2A-17	SL	4 SCFM
2A-12	SL	75 GPH	-		-

* these meters have glass ball floats
 ** these meters have stainless steel ball floats

Flow Ranges

Order Number	Float	Flow Water	Order Number	Float	Flow Air
Block #2B, 65mm (2½") Scale					
2B-02	GV	1 GPM	2B-01	GV	4 SCFM
2B-04	GV	2 GPM	2B-03	GV	8 SCFM
2B-06	SL	3.6 GPM	2B-05	SL	15 SCFM
2B-08	SL	5 GPM	2B-07	SL	20 SCFM
Block #5B, 127mm (5") Scale					
5B-02	GV	1 GPM	5B-01	GV	4.2 SCFM
5B-04	GV	2 GPM	5B-03	GV	8.2 SCFM
5B-06	SL	3.5 GPM	5B-05	SL	15 SCFM
5B-08	SL	5 GPM	5B-07	SL	21 SCFM
Block #6A, 100mm (4") Scale					
6A-02	SL	10 GPM	6A-01	SL	40 SCFM
6A-04	SL	15 GPM	6A-03	SL	60 SCFM
6A-06	SL	20 GPM	-		-
Block #7A, 250mm (10") Scale					
7A-02	GV	2 GPM	7A-01	GV	8 SCFM
7A-04	GV	3.5 GPM	7A-03	GV	14.8 SCFM
7A-06	GV	5 GPM	7A-05	GV	20 SCFM
7A-08	SL	10 GPM	7A-07	SL	42 SCFM



Dimensions (inches)

Water Order Number	Air Order Number	A	B	C	D	E	F	G	H	Connection Size
Block #2A*, 50mm (2") Scale										
2A-02 - 2A-12	2A-01 - 2A-17	4.75	1	1.125	3.50	1	1.50	10-32		¼" FNPT*
Block #2B, 65mm (2½") Scale										
2B-02 - 2B-08	2B-01 - 2B-07	6.50	1.375	1.375	5	1.25	2.50	10-32	.937	½" FNPT
Block #5B, 127mm (5") Scale										
5B-02 - 5B-08	5B-01 - 5B-07	9.25	1.375	1.375	7.75	1.25	5.25	10-32	.937	½" FNPT
Block #6A, 100mm (4") Scale										
6A-02 - 6A-06	6A-01 - 6A-03	8.375	1.78	1.812	6.625	1.312	4	10-32	1.25	1" FNPT
Block #7A, 250mm (10") Scale										
7A-02 - 7A-08	7A-01 - 7A-07	14.78	1.78	1.812	13	2.50	8	10-32	1.25	¾" FNPT

* Block 2A has ¼" FNPT with brass or stainless steel fitting, ¼" MNPT with PVC fittings

** 10-32 female thread (mounting screws not supplied)