



**Precision Molded
Flow Indicators**

Model Number Chart See Example Below

Code		Meter Series and Flow Range Code - Select from Table on Page 2
Code	Tube Material	
1	Clear Molded PVC (Polyvinyl Chloride)	
3	Clear Molded PSU (Polysulfone)	
Code	Connection Material	
1	PVC (Polyvinyl Chloride)	
2	PP (Polypropylene)	
3	PVDF (Polyvinylidene Fluoride)	
Code	Connection Type	
B	BSP Female Threaded (PVC, PP and PVDF)	
D	DIN Socket (PVC Only)	
S	ASTM Socket (PVC only)	
T	NPTF Threaded (PVC, PP, and PVDF)	
Code	Connection Size	
1	3/8" - Series PS1 (Threaded)	
2	1/2" - Series PS2 (Socket / Threaded) and PS3 (Threaded)	
3	3/4" - Series PS3 (Threaded)	
4	1" - Series PS3 (Socket / Threaded)	
Code	Union Nut Material	
1	PVC (Polyvinyl Chloride)	
2	PP (Polypropylene)	
3	PVDF (Polyvinylidene Fluoride)	
Code	O-Ring Material	
E	EPDM (Standard)	
B	Buna-N	
V	Viton	
Code	Scale	
A	USGPM Water	
B	LPM Water	
C	LPH Water	
D	SCFM Air at STP	
E	10 - 100%	
F	Special Direct Reading Scale	
Code	Alarm Switches	
N	No Alarm Switches	
1	Low Flow Alarm Switch ¹	
2	High Flow Alarm Switch ¹	
3	High / Low Flow Alarm Switches ¹	

PS33 3 1 T 4 1 E A N ◀ Typical Model Number
¹ Specify Normally Open or Normally Closed Contact

Features

- High impact injection molded plastic tubes are very rugged, durable and are corrosion and breakage resistant.
- Bright red PVDF float is easy to see. Flow rate is read at it's top (largest) diameter.
- Bright red limit flags on a dovetail rail are positioned to indicate at a glance if the flow is within acceptable limits.
- Vertical inlet / outlet connections have large union ends for easy removal of the tube and float for inspection / cleaning.
- Excellent corrosion and chemical resistance.
- Free floating rib guided float with very low pressure drop design.
- Light weight design is self supporting in plastic piping systems.
- Accuracy of measurement +/- 3% of full scale.

Options

- Direct reading scales corrected for specific gravity and calibrated in special engineering units are available.
- High / Low flow switches (latching reed type) are available with a magnetic float on all models.
- Special scales are available for NaOH and HCL solutions commonly used in chemical treatment applications.
- Inlet or outlet globe valve for flow control.



Muis Controls Ltd. - Flow Meters · Flow Controls

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Materials of Construction

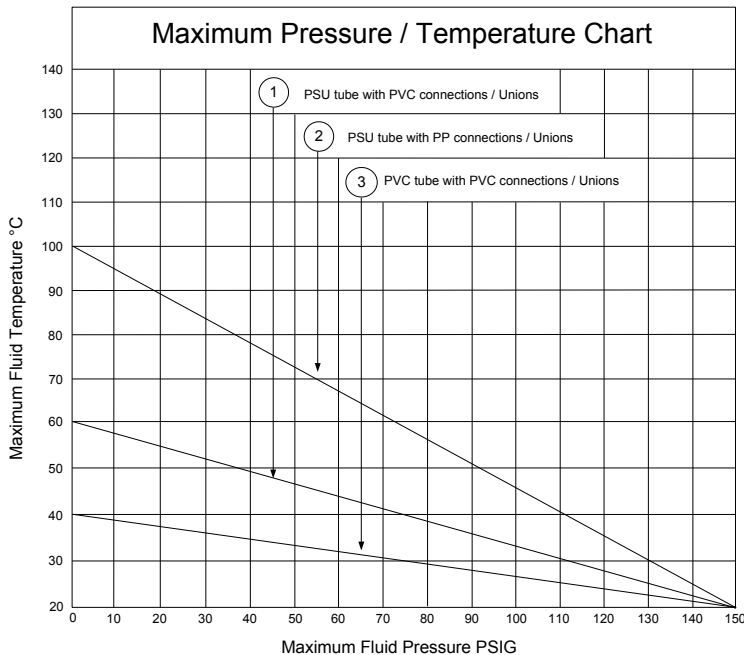
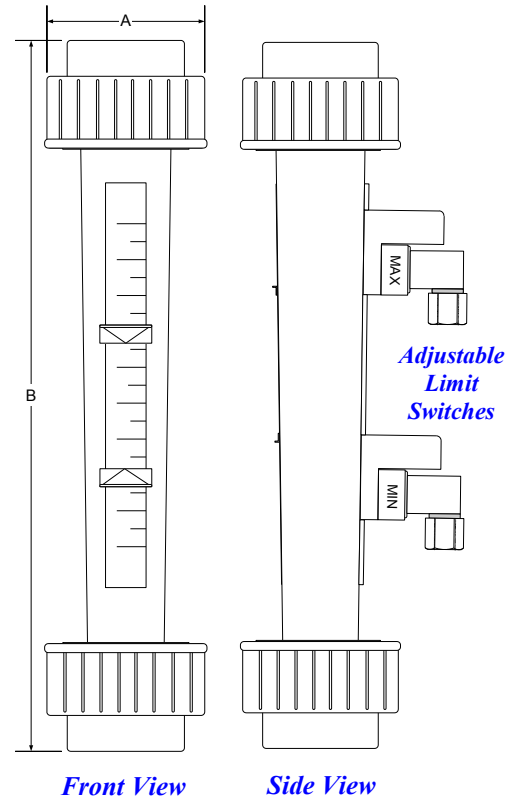
Part	Standard	Optional
Metering Tube	Clear PVC (Polyvinyl Chloride)	PSU (Polysulfone)
Fittings	PVC (Polyvinyl Chloride)	PP (Polypropylene), PVDF
Union Nuts	PVC (Polyvinyl Chloride)	PP (Polypropylene), PVDF
Float	PVDF (Polyvinylidene Flouride)	-
O-Rings	EPDM	Buna-N, Viton

Flow Ranges and Pressure Drop

Meter Series and Flow Range Code	LPH Water at 20°C	LPM Water at 20°C	USGPM Water at 20°C	SCFM Air at STP	NM ³ /HR Air at STP	Maximum Pressure Drop
PS11	1.5 - 15	0.03 - 0.25	0.006 - 0.066	0.05 - 0.3	0.08 - 0.5	1.8" W.C.
PS12	2.5 - 25	0.05 - 0.4	0.01 - 0.11	0.08 - 0.5	0.14 - 0.8	1.8" W.C.
PS13	5 - 50	0.09 - 0.8	0.02 - 0.22	0.15 - 1.0	0.25 - 1.6	1.8" W.C.
PS14	10 - 100	0.17 - 1.66	0.04 - 0.44	0.3 - 2.0	0.5 - 3.3	1.8" W.C.
PS21	8 - 80	0.14 - 1.33	0.03 - 0.35	0.35 - 1.6	0.6 - 2.6	1.8" W.C.
PS22	15 - 150	0.25 - 2.5	0.06 - 0.66	0.82 - 3.3	1.4 - 5.5	1.8" W.C.
PS23	20 - 200	0.34 - 3.3	0.08 - 0.88	0.88 - 4.0	1.5 - 6.6	1.8" W.C.
PS31	15 - 150	0.25 - 2.5	0.06 - 0.66	0.82 - 3.3	1.4 - 5.5	3.3" W.C.
PS32	30 - 300	0.5 - 5	0.13 - 1.3	1.0 - 6.48	1.7 - 10.8	3.3" W.C.
PS33	50 - 500	0.9 - 8.3	0.22 - 2.2	1.8 - 10.5	3 - 17.5	3.3" W.C.
PS34	100 - 1000	1.7 - 16.6	0.44 - 4.4	3.5 - 17.5	6 - 29	3.3" W.C.

Dimensions

Range Code	A	B
PS1	1.38" / 35 mm	7.83" / 199 mm
PS2	1.69" / 43 mm	8.78" / 223 mm
PS3	2.36" / 60 mm	9.84" / 250 mm



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