

M

STAINLESS INDUSTRIAL FLOW METERS



Heavy-duty flow meters are fully enclosed in a brushed stainless steel case. Ideal for industrial applications with flow rates up to 116 GPM and 250 SCFM. Used with industrial water and air service.

design features

- ✓ Heavy duty stainless steel.
- ✓ Thick polycarbonate safety shields.
- ✓ Fluted or plain tapered tubes.
- ✓ Direct reading metric and English system scales.
- ✓ Unique design facilitates ease of maintenance cleaning processes.

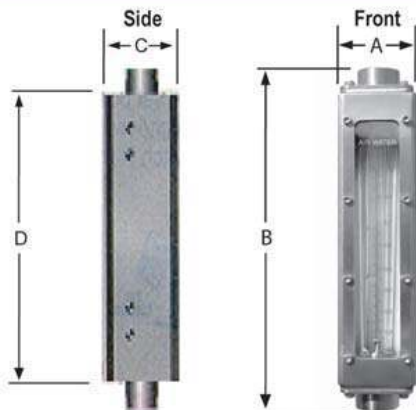
Meters are graduated for direct reading of water and air. Flow meters come with FNPT end fittings for easy in-line installation. Wetted parts include borosilicate glass flow tubes, Viton o-rings, and 316 Stainless steel fittings, guide rods, floats and float stops.

SPECIFICATIONS

ACCURACY	±3% of full scale.
MINIMUM FLOW RATE	Approximately 10% of maximum flow rate.
REPEATABILITY	±0.5% of full scale.
MAXIMUM PRESSURE (AT 200 F)	200 psi (tube sizes 3, 4, 5 and 6). 125 psi (tube sizes 8 and 9).
MAXIMUM OPERATING TEMPERATURE	200 F (93 C).

ORDERING INFORMATION FOR M STYLE METERS

CATALOG NUMBER	MAX FLOW RATE				PRESSURE DROP ("OF H ₂ O)	TUBE SIZE
	WATER (GPM)	AIR (SCFM)	WATER (L/min)	AIR (L/min)		
MS-VJ-M01-02-ST	0.25	1.2	.95	35	-	3
MS-VJ-M02-02-ST	0.36	1.7	1.3	50	2	3
MS-VJ-M03-02-ST	0.76	3.3	3.0	90	5	3
MS-VJ-M04-02-ST	1.0	4.2	3.7	120	6	4
MS-VJ-M05-02-ST	1.5	6.5	5.6	180	-	4
MS-VJ-M06-02-ST	2.2	8.5	8.2	250	10	4
MS-VK-M07-02-ST	3.8	16	14	475	10	5
MS-VK-M08-02-ST	5.0	21.5	18	650	14	5
MS-VK-M09-02-ST	6.0	25.5	20	725	5	6
MS-VK-M10-02-ST	7.4	30	27.5	900	6	6
MS-VK-M11-02-ST	9.6	40	35	1200	10	6
MS-VK-M12-02-ST	11	47.5	40	1400	13	6
MS-VK-M13-02-ST	14	62	50	1800	24	6
MS-VK-M14-02-ST	20	90	75	2600	39	6
MS-VL-M15-02-ST	22	90	83	2550	16	8
MS-VK-M16-02-ST	26	-	98	-	70	6
MS-VQ-M17-02-ST	41	160	155	4531	5	9
MS-VL-M18-02-ST	44	180	167	5098	30	8
MS-VQ-M19-02-ST	60	245	227	6938	16	9
MS-VL-M20-02-ST	61	250	231	7080	40	8
MS-VQ-M21-02-ST	86	-	326	-	25	9
MS-VQ-M22-02-ST	116	-	439	-	45	9



DIMENSIONS FOR M STYLE METERS

TUBE SIZE	NPT (F)	A	B	C	D
3 and 4	1/2"	2	9.54	2.25	8.04
5 and 6	1"	3.5	13.69	3.75	10.50
8 and 9	2"	5	15.59	5.25	11.55