

Turbine Flow Meters
Flow Range

Size								Max Output
Inch	MM	GPM	BPM	BPD	LPM	M ³ /D	Pulses P/Gal	Frequency Pulses P/ Sec
3/8	10	.3 – 3	.007 - .07	10 – 100	1.14 – 11.36	1.6 – 16	22000	1100
1/2	13	.75 – 7.5	.01 - .17	25 – 250	2.84 – 28.39	4 - 40	14500	1815
3/4	19	2 - 15	.05 - .33	68 – 515	7.57 – 56.78	11 – 80	2950	740
7/8	22	3 – 30	.07 - .71	100 – 1000	11.36 – 113.56	16 – 160	2350	1175
1	25	5 – 50	.11 – 1.19	170 – 1700	18.93 – 189.27	27 – 270	900	750
1 1/2	38	15 – 180	.35 – 4.3	515 – 6000	56.78 – 681.35	80 – 1100	325	975
2	51	40 - 400	.9 – 9.3	1300 – 13000	151 – 1514	210 – 2100	55	365
3	76	60 – 600	1.4 – 14.3	2100 – 21000	227 – 2271	320 – 3200	57	570
4	102	100 – 1200	2.4 – 28.5	3400 – 41000	380 – 4542	545 – 6541	30	600
6	152	200 – 2500	4.7 – 60	6800 – 86000	757 – 9464	1090 – 13628	7	290
8	203	350 – 3500	8.3 – 83	12000 – 120000	1325 – 13250	1907 – 19078	3	175
10	550	550 - 5500	13 - 130	19000 - 180000	1892 - 18926	2725 - 27255	1.6	147

Material Specifications

Flow Meter Body	316 S.S. or A-286 Alloy
Support Vanes	316 S.S.
Rotor	CD4MCu
Sleeve Bearings	Tungsten Carbide
Shaft	Tungsten Carbide
Thrust Ball	Ceramic
Performance Specifications	
Repeatability	Within $\pm 0.1\%$ of indicated flow throughout the linear flow range
Accuracy	Within $\pm 1\%$ of reading Note 3/8" $\pm 2\%$



Electronic Data Devices

Turbine Flow Meters