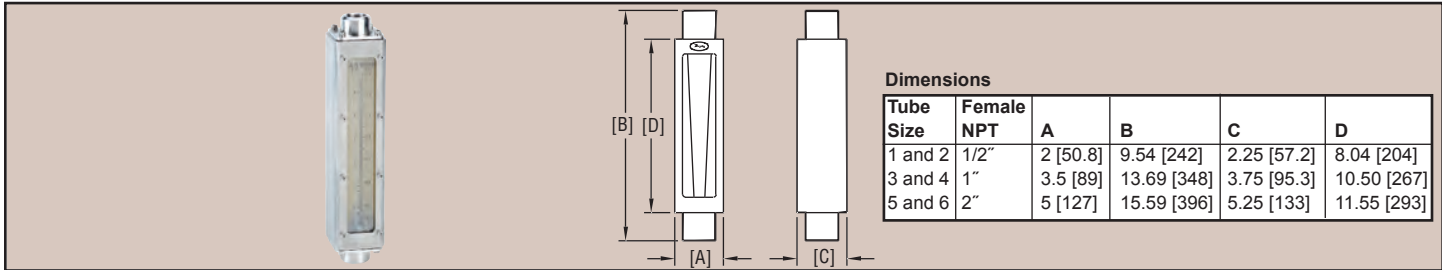




Series
IF

Industrial Direct Reading Flowmeter

Air/Water Direct Reading Scale, 304 SS Protective Shield, $\pm 3\%$ Accuracy



Dimensions

Tube Size	Female NPT	A	B	C	D
1 and 2	1/2"	2 [50.8]	9.54 [242]	2.25 [57.2]	8.04 [204]
3 and 4	1"	3.5 [89]	13.69 [348]	3.75 [95.3]	10.50 [267]
5 and 6	2"	5 [127]	15.59 [396]	5.25 [133]	11.55 [293]

Ideal for industrial applications, the Series IF Industrial Direct Reading Flowmeters are fully enclosed in a brushed SS case. The flowmeters can directly measure flow rates up to 116 GPM (439 lpm) for water and 250 SCFM (7080 lpm) for air service. The detachable, clear 3/16" thick polycarbonate front shield provides protection at maximum rated temperature and pressure. Each unit is designed with female NPT end fittings for easy in-line installation.

OPTION

For NIST traceable calibration certificate, use order code NISTCAL-FL1.

SPECIFICATIONS

Service: Liquids or gases.

Wetted Materials:

Flowtube: Borosilicate glass; float, guide rods, float stops, end;

Fittings: 316 SS;

O-Rings: Fluoroelastomer.

Temperature Limit: 200°F (93°C).

Pressure Limit: 200 psi (13.8 bar);
125 psi for tube size 5 & 6.

Accuracy: $\pm 3\%$ of full-scale.

Repeatability: $\pm 0.5\%$ of full-scale.

Turndown Ratio: 10:1.

Scale: Dual scale GPM and SCFM.

Process Connection: See table.

Mounting: Vertical.

Front Shield: Polycarbonate.

Side Panels: 304 SS.

Model	Maximum Flow Rate		Tube Size	Pressure Drop (in H ₂ O)	Model	Maximum Flow Rate		Tube Size	Pressure Drop (in H ₂ O)
	Water GPM (LPM)	Air SCFM (LPM)				Water GPM (LPM)	Air SCFM (LPM)		
IF2700	0.25 (0.95)	1.2 (35)	1	—	IF2711	11 (40)	47.5 (1400)	4	13
IF2701	0.36 (1.3)	1.7 (50)	1	2	IF2712	14 (50)	62 (1800)	4	24
IF2702	0.76 (3.0)	3.3 (90)	1	5	IF2713	20 (75)	90 (2600)	4	39
IF2703	1 (3.7)	4.2 (120)	2	6	IF2714	22 (83)	90 (2550)	5	16
IF2704	1.5 (5.6)	6.5 (180)	2	—	IF2715	26 (98)	—	4	70
IF2705	2.2 (8.2)	8.5 (250)	2	10	IF2716	41 (155)	160 (4531)	6	5
IF2706	3.8 (14)	16 (475)	3	10	IF2717	44 (167)	180 (5098)	5	30
IF2707	5 (18)	21.5 (650)	3	14	IF2718	60 (227)	245 (6938)	6	16
IF2708	6 (20)	25.5 (725)	4	5	IF2719	61 (231)	250 (7080)	5	40
IF2709	7.4 (27.5)	30 (900)	4	6	IF2720	86 (326)	—	6	25
IF2710	9.6 (35)	40 (1200)	4	10	IF2721	116 (439)	—	6	45

FLOW