VISI-FLOAT® ACRYLIC FLOWMETERS 5" Scale, In-Line or Back Connection Options



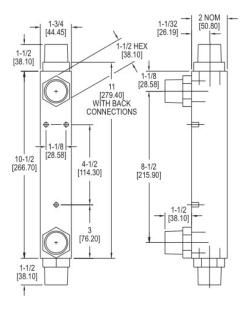




VFC with 1" FNPT end connections



back connections





VFC with 1" FNPT

The Series VFC Visi-Float® Acrylic Flowmeters are direct reading, precision machined, clear acrylic body flowmeters suitable for both gas and liquid applications. This Series consists of two 5" (127 mm) scale flowmeters, the VFC and VFC II. The VFC features PVC 1" female NPT connections and the VFC II units are equipped with acetal thermoplastic 1" male NPT fittings.

FEATURES/BENEFITS

- · Bodies are cut and precision machined from solid, clear acrylic blocks allowing for complete visual inspection
- · White background allows for better visibility of the float increasing reading accuracy
- · Direct reading scales are hot stamped into the plastic eliminating the need for troublesome conversions and increasing product operating life
- · Precision machined tapered bore enables high repeatability
- · Low installation costs with back or end connection options

APPLICATIONS

- · Medical equipment
- · Laboratory equipment
- · Air samplers
- Gas analyzers
- · Pollution monitors
- · Chemical injectors
- · Cabinet purging
- Remediation
- · Osmosis skids

RANGE CHART - 5" SCALE - POPULAR RANGES			
Range No.	SCFM Air	Range No.	GPM Water
121	4 to 25	141	.5 to 5
122	5 to 50	142	1 to 10
123	10 to 100	143	2 to 20
Range No.	LPM Air	Range No.	LPM Water
131	100 to 700	151	2 to 20
132	200 to 1400	152	4 to 40
133	300 to 2800	153	10 to 75

SPECIFICATIONS

Service: Compatible gases and liquids.

Wetted Materials: Body: Acrylic plastic; O-ring: Buna-N (fluoroelastomer available); Metal parts: SS; Float: SS; Fittings: VFC: PVC; VFCII: Acetal thermoplastic.

Temperature and Pressure Limits: 100 psig (6.9 bar) @ 120°F (48°C).

Accuracy: 2% of FS.

end connections)

Process Connection: VFC: 1" female NPT back connections. End connections optional; VFCII: 1" male NPT back connections. End connections optional. Scale Length: 5" typical length.

Mounting Orientation: Mount in vertical position.

Weight: 24 to 25 oz (.68 to .71 kg).

Agency Approvals: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II)

Model	Thread Type	Process Connection	
VFC-X	1" FNPT	Back	
VFCII-X	1" MNPT	Back	
VFC-X-EC	1" FNPT	In-line end	
VFCII-X-EC	1" MNPT	In-line end	
How To Order: S	eries-Range NoO	ption	
Example: VFC-12	23-EC		
(Series VFC with	10-100 SCFM air r	ange and 1" female NPT	

OPTIONS			
To order add suffix:	Description		
-VIT	Fluoroelastomer O-rings		
	316 SS float and guide rod (only available on VFCII with fluoroelastomer O-rings)		
-NIST	NIST traceable calibration certificate		
-BSPT	BSPT process connections		

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Flowmeters, Variable Area & In-Line