



SERIES VFC & VFCII

# VISI-FLOAT® ACRYLIC FLOWMETERS

5" Scale, In-Line or Back Connection Options



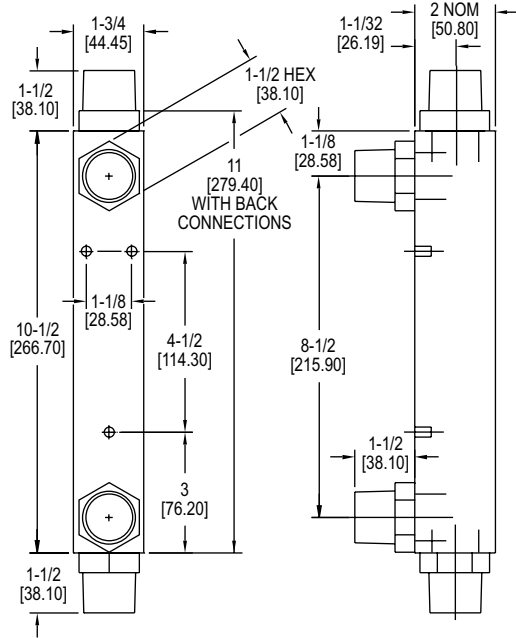
VFCII with 1" MNPT End Connections



VFC with 1" FNPT End Connections



VFC with 1" FNPT Back Connections



Flowmeters, Variable Area

The **SERIES VFC** Visi-Float® Flowmeter is a direct reading, precision machined, clear acrylic body flowmeter 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 & liquids.  
**Wetted Materials:** Body: Acrylic plastic; O-ring: Buna-N (fluoroelastomer available); Metal parts: SS; Float: SS.  
**Fittings:** VFC: PVC; VFCII: Acetal thermoplastic.  
**Temperature & Pressure Limits:** 100 psig (6.9 bar) @ 120°F (48°C).  
**Accuracy:** 2% of FS.  
**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).

MODEL CHART			
Model	Thread Type	Process Connection	Price
VFC-X	1" FNPT	Back	\$80.00
VFCII-X	1" MNPT	Back	80.00
VFC-X-EC	1" FNPT	In-line end	86.20
VFCII-X-EC	1" MNPT	In-line end	86.20
<b>How To Order:</b> Series-Range No.-Option			
<b>Example:</b> VFC-123-EC (Series VFC with 10-100 SCFM air range and 1" female NPT end connections)			

OPTIONS		
To order add suffix:	Description	Price
-VIT	Fluoroelastomer O-rings	+\$8.40
-FDA	316 SS float & guide rod (only available on VFCII with fluoroelastomer O-rings)	+15.50
-NIST	NIST traceable calibration certificate	+215.00
-BSPT	BSPT process connections	-