

# VISI-FLOAT® ACRYLIC FLOWMETERS

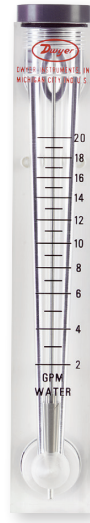
5" Scale, In-Line or Back Connection Options



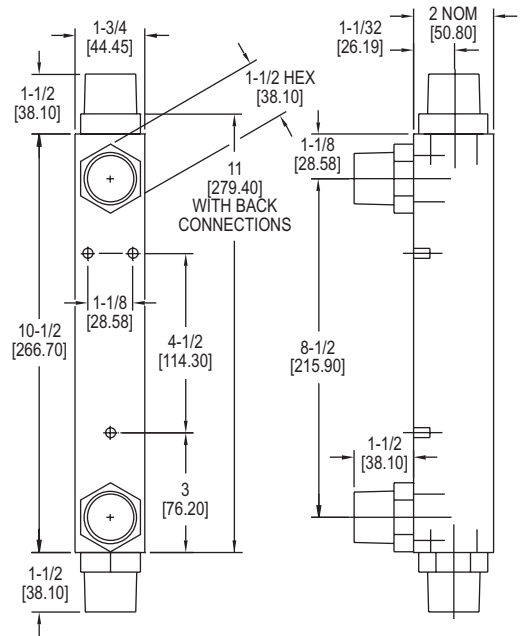
VFCII with 1" MNPT end connections



VFC with 1" FNPT end connections



VFC with 1" FNPT back connections



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.  
**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 CHART		
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:** Series-Range No.-Option  
**Example:** VFC-123-EC  
 (Series VFC with 10-100 SCFM air range and 1" female NPT end connections)

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