



Series
VFC
&
VFCII

Visi-Float® Flowmeters

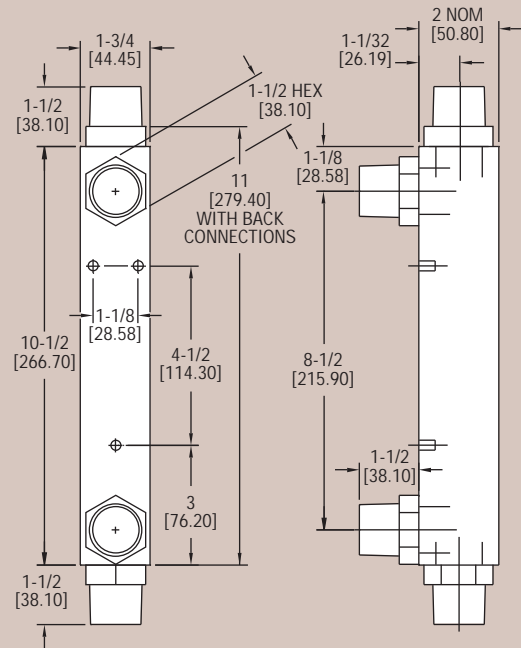
Used to Indicate Air or Water Flow



VFCII with 1" MNPT
End Connections

VFC with 1" FNPT
End Connections

VFC with 1" FNPT
Back Connections



FLOW

Flowmeters, Variable Area

The accurate and durable VFC Visi-Float® flowmeter contains a stainless steel guide rod and large diameter float for excellent stability and visibility in high flow rates. The large 5" scale provides a ±2% full scale accuracy for precision measurement required in medical or laboratory applications. The VFC models have PVC 1" female NPT connections. VFC II units are equipped with acetal thermoplastic 1" male NPT fittings. VFC II fittings also include hex wrench flats to prevent stripped threads. All models have metal mounting inserts on the back for panel mounting. Units may also be supported directly by system piping.

SPECIFICATIONS

Service: Compatible gases & liquids.

Wetted Materials:

- Body: Acrylic plastic;
- O-ring: Buna-N (fluoroelastomer available);
- Metal parts: Stainless steel;
- Float: SS.

Fittings: VFC: PVC; VFCII: Acetal thermoplastic.

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

Accuracy: 2% of full scale.

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).

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

VFC Series

| Model | Description |
|------------|--|
| VFC-X | VFC with 1" FNPT Back Connections |
| VFCII-X | VFCII with 1" MNPT Back Connections |
| VFC-X-EC | VFC with 1" FNPT In-Line End Connections |
| VFCII-X-EC | VFCII with 1" MNPT In-Line End Connections |

Popular Ranges

| Model VFC — 5" Scale | | | |
|----------------------|----------------|-----------|------------------|
| Range No. | Range SCFM Air | Range No. | Range GPM Water |
| 121 | 4-25 | 141 | .5-5 |
| 122 | 5-50 | 142 | 1-10 |
| 123 | 10-100 | 143 | 2-20 |
| | LPM Air | | LPM Water |
| 131 | 60-700 | 151 | 2-20 |
| 132 | 200-1400 | 152 | 4-40 |
| 133 | 300-2800 | 153 | 10-75 |

OPTIONS

-VIT, Fluoroelastomer O-Rings

-FDA, 316 SS Float & Guide Rod (only available on VFCII with fluoroelastomer O-Rings)