



Series  
VFC  
&  
VFCII

# Visi-Float® Flowmeters

Used to Indicate Air or Water Flow



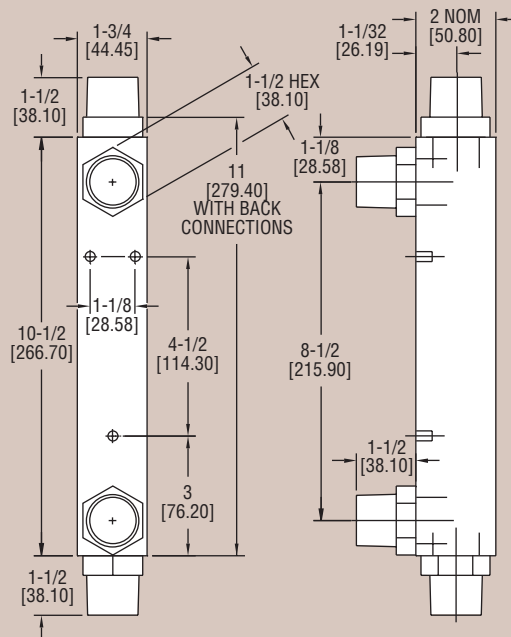
VFCII with 1" MNPT  
End Connections



VFC with 1" FNPT  
End Connections



VFC with 1" FNPT  
Back Connections



Scan here to watch product video

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  $\pm 2\%$  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.

## 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

| 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        |

## 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                  | 100-700        | 151       | 2-20            |
| 132                  | 200-1400       | 152       | 4-40            |
| 133                  | 300-2800       | 153       | 10-75           |

## 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 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).

## OPTIONS

-VIT, Fluoroelastomer O-Rings

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

-NIST, NIST traceable calibration certificate