Dwyer

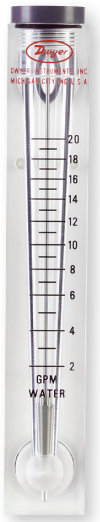
SERIES VFC & VFCII

VISI-FLOAT® ACRYLIC FLOWMETERS

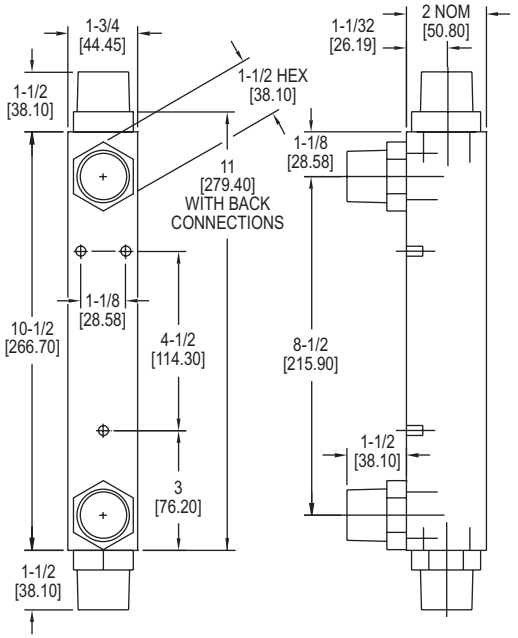
5″ Scale, In-Line or Back Connection Options

VFCII with 1″ MNPT End Connections

VFC with 1″ FNPT End Connections



VFC with 1″ FNPT Back Connections



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

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

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**

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)

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

OPTIONS

To order add suffix:	Description	Price
-VIT	Fluoroelastomer O-rings	**+$8.70**
-FDA	316 SS float & guide rod (only available on VFCII with fluoroelastomer O-rings)	**+16.00**
-NIST	NIST traceable calibration certificate	**+215.00**
-BSPT	BSPT process connections	**-**