

VFC and VFCII Series

Visi-Float® Acrylic Flowmeters

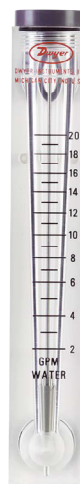
5 " Scale, In-Line or Back Connection Options
Calibration services available



VFCII with 1 " MNPT
end connections



VFC with 1 " FNPT
end connections



VFC with 1 " FNPT
end connections

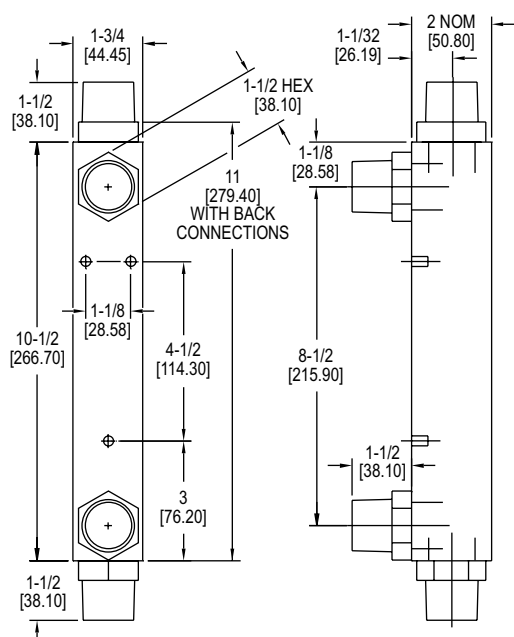
Benefits/Features

- 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

Dimensions



Technical 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)
Compliance	Meets the technical requirements of EU Directive 2011/65/EU (RoHS II)

Range Chart - 5 " Scale - Popular Ranges

Range No.	SCFM Air	Range No.	GPM Water
121	4 to 25	141	.4 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

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
-BSPT	BSPT process connections
-FDA	316 SS float and guide rod (only available on VFCII with fluoroelastomer O-rings)
-NIST	NIST traceable calibration certificate
-VIT	Fluoroelastomer O-rings

