

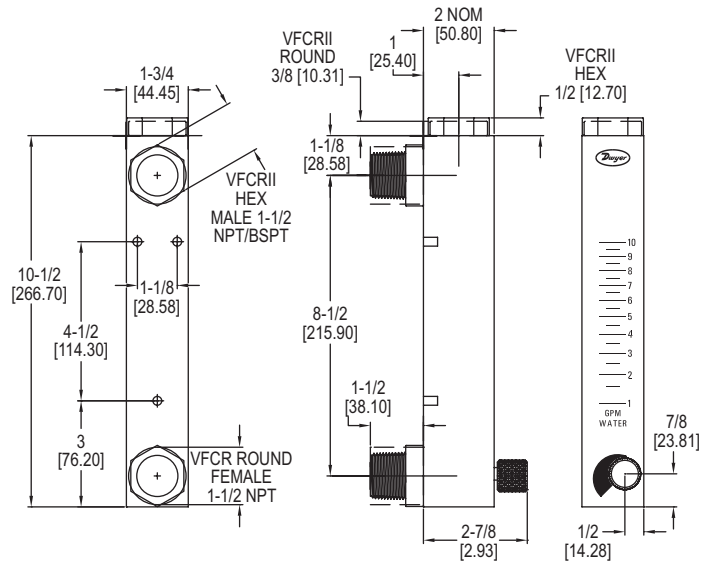
VISI-FLOAT® ACRYLIC FLOWMETERS WITH ROTO-GEAR VALVE TECHNOLOGY

Full On/Off Control and Precise Flow Adjustment in One Valve Design



VFCR Left with 1" female NPT Connections

VFCR II with 1" male NPT Connections



The innovative **Series VFCR Visi-Float® Acrylic Flowmeters with Roto-Gear Valve Technology** are direct reading variable area flowmeters with scales for liquid or gas applications. Roto-gear valve technology permits full open to close adjustment while maintaining fine flow control of the process media in one valve design. Installation, operation, and maintenance are simple ensuring a long, accurate, and trouble-free operation life.

FEATURES/BENEFITS

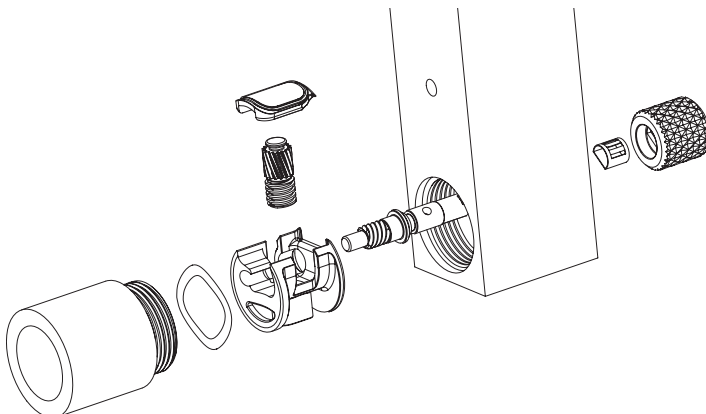
- Patent pending interlocking and rotating gear valve design offers fine flow control with full flow adjustment from fully open to fully closed
- Convenient valve cartridge assembly can easily be removed for effortless cleaning saving time and money
- Direct reading scales are hot stamped into the acrylic body resisting fading or wearing and extending product life
- Bodies are cut and precision machined from solid, clear acrylic blocks with white backgrounds for better visibility of the float, increasing reading accuracy
- Valve design features leak tight closure

APPLICATIONS

- Medical equipment
- Pollution monitors
- Chemical injectors
- Mining
- Laboratory
- Gas analysis
- Wastewater

REMOVABLE ROTO-GEAR VALVE CARTRIDGE ASSEMBLY

Easily remove or replace valve assembly



SPECIFICATIONS

Service: Compatible gases and liquids.
Wetted Materials: Body: Acrylic plastic; O-ring: Buna-N; Valve: Delrin®; Float: Stainless steel; Float stop: Polyolefin (range no. 141 Polyolefin and PVC); Float rod: 18-8 SST; Fittings: PVC (VFCR II Delrin®); ABS plastic.
Temperature Limit: 120°F (48°C).
Pressure Limit: 100 psig (6.9 bar).
Accuracy: 2% of FS.
Process Connection: VFCR: 1" female NPT back connections; VFCR II: 1" male NPT back connections.
Scale Length: 5" (127 mm).
Mounting Orientation: Mount in vertical position.
Weight: 25.6 oz (0.73 kg).
Agency Approvals: Meets the technical requirements of EU Directive 2011/65/EU (RoHS II).

MODEL CHART

Model	Thread Type
VFCR-X	1" FNPT
VFCR II-X	1" MNPT

How To Order:
 Model - Range No. - Option
Example: VFCR-121-NIST

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
-NIST	NIST traceable calibration certificate
-BSPT	BSPT process connections

Example: VFCR-121-NIST