The Series VFC Visi-Float® Acrylic Flowmeters are direct reading, precision machined, clear acrylic body flowmeters 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 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.
- **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).

**RANGE CHART - 5” SCALE - POPULAR RANGES**

<table>
<thead>
<tr>
<th>Range No.</th>
<th>SCFM Air</th>
<th>LPM Air</th>
<th>SCFM Water</th>
<th>LPM Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>121</td>
<td>4 to 25</td>
<td>141</td>
<td>5.5 to 5</td>
<td>2 to 5</td>
</tr>
<tr>
<td>122</td>
<td>5 to 50</td>
<td>142</td>
<td>1.5 to 10</td>
<td>1 to 10</td>
</tr>
<tr>
<td>123</td>
<td>10 to 100</td>
<td>143</td>
<td>2 to 20</td>
<td>2 to 20</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Range No.</th>
<th>SCFM Water</th>
<th>LPM Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>131</td>
<td>100 to 700</td>
<td>151</td>
</tr>
<tr>
<td>132</td>
<td>200 to 1400</td>
<td>152</td>
</tr>
<tr>
<td>133</td>
<td>300 to 2800</td>
<td>153</td>
</tr>
</tbody>
</table>

**OPTIONS**
- **To order add suffix:**
  - -VIT Fluoroelastomer O-rings +$9.50
  - -FDA 316 SS float and guide rod (only available on VFCII with fluoroelastomer O-rings) +$17.50
  - -NIST NIST traceable calibration certificate +$215.00
  - -BSPT BSPT process connections -

<table>
<thead>
<tr>
<th>Model</th>
<th>Thread Type</th>
<th>Process Connection</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>VFC-X</td>
<td>1˝ FNPT</td>
<td>Back</td>
<td>$87.00</td>
</tr>
<tr>
<td>VFCII-X</td>
<td>1˝ MNPT</td>
<td>Back</td>
<td>87.00</td>
</tr>
<tr>
<td>VFC-X-EC</td>
<td>1˝ FNPT</td>
<td>In-line end</td>
<td>94.00</td>
</tr>
<tr>
<td>VFCII-X-EC</td>
<td>1˝ MNPT</td>
<td>In-line end</td>
<td>94.00</td>
</tr>
</tbody>
</table>

**MODEL CHART**

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)