# PVC and CPVC Flowmeters

Perfect for Compatible Acids, Caustics and D.I. Water

## PVC (PVF) and CPVC (CPF) Flowmeters

### Series PVF & CPF

Flowmeters, In-Line

![Flowmeter Diagrams](image)

### Standard (NPT)

<table>
<thead>
<tr>
<th>Range</th>
<th>NPT</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>00/10</td>
<td>3/4</td>
<td>11-1/32</td>
<td>38.10</td>
<td>30-1/2</td>
<td>76.20</td>
<td>25-1/4</td>
<td>63.50</td>
<td>8-23/32</td>
</tr>
<tr>
<td>29/40</td>
<td>1-1/2</td>
<td>16-15/16</td>
<td>41.45</td>
<td>40-1/2</td>
<td>101.60</td>
<td>30-1/2</td>
<td>76.20</td>
<td>8-29/32</td>
</tr>
<tr>
<td>11/17</td>
<td>1-1/2</td>
<td>16-15/16</td>
<td>41.45</td>
<td>40-1/2</td>
<td>101.60</td>
<td>30-1/2</td>
<td>76.20</td>
<td>8-29/32</td>
</tr>
<tr>
<td>41/51</td>
<td>3</td>
<td>24-11/16</td>
<td>62.23</td>
<td>50-1/2</td>
<td>127.00</td>
<td>40-1/2</td>
<td>101.60</td>
<td>8-29/32</td>
</tr>
<tr>
<td>18/22</td>
<td>3</td>
<td>24-11/16</td>
<td>62.23</td>
<td>50-1/2</td>
<td>127.00</td>
<td>40-1/2</td>
<td>101.60</td>
<td>8-29/32</td>
</tr>
<tr>
<td>52/66</td>
<td>4</td>
<td>26-43/64</td>
<td>67.08</td>
<td>50-1/2</td>
<td>127.00</td>
<td>40-1/2</td>
<td>101.60</td>
<td>8-29/32</td>
</tr>
<tr>
<td>23/28</td>
<td>4</td>
<td>26-43/64</td>
<td>67.08</td>
<td>50-1/2</td>
<td>127.00</td>
<td>40-1/2</td>
<td>101.60</td>
<td>8-29/32</td>
</tr>
</tbody>
</table>

### Optional Flange

<table>
<thead>
<tr>
<th>Option</th>
<th>Range</th>
<th>Flange</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th># of Bolt Holes</th>
<th>Flange Opening Diameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>F1</td>
<td>3/4</td>
<td>32</td>
<td>12-1/4</td>
<td>31.75</td>
<td>4-5/8</td>
<td>117.60</td>
<td>4-11/16</td>
<td>103.38</td>
<td>3-7/8</td>
</tr>
<tr>
<td>F2</td>
<td>1-1/2</td>
<td>32</td>
<td>15-1/8</td>
<td>38.10</td>
<td>5-15/16</td>
<td>151.13</td>
<td>5-11/16</td>
<td>144.76</td>
<td>3-7/8</td>
</tr>
<tr>
<td>F3</td>
<td>3&quot;</td>
<td>32</td>
<td>22-35/64</td>
<td>572.64</td>
<td>6-7/8</td>
<td>155.18</td>
<td>6-7/8</td>
<td>155.18</td>
<td>6</td>
</tr>
<tr>
<td>F4</td>
<td>4&quot;</td>
<td>32</td>
<td>26-3/8</td>
<td>669.86</td>
<td>7-1/2</td>
<td>190.50</td>
<td>7-1/2</td>
<td>190.50</td>
<td>7-1/2</td>
</tr>
</tbody>
</table>
The Series PVF & CPF Flowmeters are heavy bodied meters for corrosives and high purity fluids. They are economically priced meters ideal for acids or de-ionized water making them suited for water & wastewater treatment facilities. The flowmeters are comprised of all plastic wetted components for maximum corrosion resistance. They have a full-scale accuracy of ±2% and can be disassembled quickly without the meter being removed from the pipeline for easy cleaning. The flowmeters are available with 3/4", 1-1/2", 3", and 4" female NPT connections. Optional flange connections are also available.

### OPERATING LIMITS FOR SERIES CPF FLOWMETERS

**Note:**

- **Water Service**: Air Service
- **Process Connections:**
  - 3/4", 1-1/2", 3", and 4" female NPT connections. Optional flange connections are also available.
- **Body Size and Description**
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-00
      - 1-1/2": PVF-01
      - 3": PVF-02
      - 4": PVF-03
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-04
      - 1-1/2": PVF-05
      - 3": PVF-06
      - 4": PVF-07
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-08
      - 1-1/2": PVF-09
      - 3": PVF-10
      - 4": PVF-11
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 1-1/2": PVF-12
      - 3": PVF-13
      - 4": PVF-14
      - 1": PVF-15
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 1": PVF-16
      - 3/4": PVF-17
      - 1-1/2": PVF-18
      - 3": PVF-19
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 1": PVF-20
      - 3/4": PVF-21
      - 1-1/2": PVF-22
      - 3": PVF-23
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 1": PVF-24
      - 3/4": PVF-25
      - 1-1/2": PVF-26
      - 3": PVF-27
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 1": PVF-28
      - 3/4": PVF-29
      - 1-1/2": PVF-30
      - 3": PVF-31
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 4": PVF-32
      - 1-1/2": PVF-33
      - 3": PVF-34
      - 4": PVF-35
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-36
      - 1-1/2": PVF-37
      - 3": PVF-38
      - 4": PVF-39
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-40
      - 1-1/2": PVF-41
      - 3": PVF-42
      - 4": PVF-43
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-44
      - 1-1/2": PVF-45
      - 3": PVF-46
      - 4": PVF-47
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-48
      - 1-1/2": PVF-49
      - 3": PVF-50
      - 4": PVF-51
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-52
      - 1-1/2": PVF-53
      - 3": PVF-54
      - 4": PVF-55
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-56
      - 1-1/2": PVF-57
      - 3": PVF-58
      - 4": PVF-59
  - **Range** (GPM Water)
    - **Connection** (female NPT)
      - 3/4": PVF-60
      - 1-1/2": PVF-61
      - 3": PVF-62
      - 4": PVF-63

**Note:** For optional flange connections contact the factory.

### OPERATING LIMITS FOR SERIES CPVC FLOWMETERS

**Pressure Limits:** See operating limits chart.

**Accuracy:** ±2% of full-scale.

**Repeatability:** ±1/2% of indicated flow rate.

**Process Connections:**
- 3/4", 1-1/2", 3", and 4" female NPT.
- Weight: 3 lb (1.4 kg) for 3/4", 9 lb (4.1 kg) for 1-1/2", 14 lb (6.4 kg) for 3", and 18 lb (8.2) for 4".