AUTOMATIC FLOW LIMITING 2-1/2" – 3" UNI-FLANGE VALVE

ACCESSIBLE CARTRIDGE

SPECIFICATIONS

PSI / Temperature Rating: 150 PSI / 275º F
Cartridge: AISI Type 304 stainless steel
AISI Type 17-7 PH stainless steel spring
Body Material: Ductile Iron ASTM A536-80
Class 50-40-18
End Connections: ANSI 150 Lb. Flanges 2-1/2" and 3"
Seals: EPDM O-Rings
Body Tappings: 1/4" NPT with P/T test valves
Isolation Options: Butterfly Valve

DIMENSIONS & WEIGHTS (NOMINAL)

All dimensions are for planning purposes only and may change without notice.

<table>
<thead>
<tr>
<th>SIZE</th>
<th>MODEL NO.</th>
<th>A HEIGHT</th>
<th>B HEIGHT</th>
<th>C LENGTH</th>
<th>D</th>
<th>E</th>
<th>Cv¹</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/2&quot;, 3&quot;</td>
<td>3UF_B_</td>
<td>5.3</td>
<td>4.3</td>
<td>11.9</td>
<td>N/A</td>
<td>N/A</td>
<td>119</td>
<td>28</td>
</tr>
<tr>
<td>2-1/2&quot;</td>
<td>3UF_M_</td>
<td>5.3</td>
<td>4.3</td>
<td>13.6</td>
<td>1.8</td>
<td>10.7</td>
<td>119</td>
<td>40</td>
</tr>
<tr>
<td>3&quot;</td>
<td>3UF_N_</td>
<td>5.3</td>
<td>4.3</td>
<td>13.6</td>
<td>1.8</td>
<td>10.7</td>
<td>119</td>
<td>40</td>
</tr>
</tbody>
</table>

NOTES

¹ Cv measured without cartridge

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www.GriswoldControls.com
### FLOW RATES (+/-5%)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>MODEL NO.</th>
<th>HEAD LOSS IN FEET</th>
<th>PSID RANGE</th>
<th>GPM MIN</th>
<th>INCREMENT</th>
<th>GPM MAX</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-1/2&quot;, 3&quot;</td>
<td>3UF1__</td>
<td>3.5</td>
<td>1-14</td>
<td>12.0</td>
<td>2.0</td>
<td>114.0</td>
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<tr>
<td>3UF2__</td>
<td>7.4</td>
<td>2-32</td>
<td>18.0</td>
<td>3.0</td>
<td>171.0</td>
<td></td>
</tr>
<tr>
<td>3UF4__</td>
<td>13.4</td>
<td>4-57</td>
<td>24.0</td>
<td>4.0</td>
<td>228.0</td>
<td></td>
</tr>
<tr>
<td>3UF8__</td>
<td>30.0</td>
<td>8-128</td>
<td>36.0</td>
<td>6.0</td>
<td>342.0</td>
<td></td>
</tr>
</tbody>
</table>

### MODEL NUMBER SELECTION

Select a PSID control range:
(1=1-14, 2=2-32, 4=4-57, 8=8-128)

- **3 U F**
- T = Optional 3"x3" Aluminum Hanging ID Tag

Isolation Option: Insert “B” for None, “M” for 2-1/2" Butterfly, and “N” for 3" Butterfly

### NOTES

2. Reducing flanges can be used. Consult your local pipe fitting supply house or contact the factory for assistance.

3. Head Loss in Feet is provided for pump head calculations. (1 PSI = 2.307 Feet of Water)

4. Model no. and flow rate are indicated on label affixed to body.

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