Features
- Unique double disc design with overtravel provides redundant sealing for leak tight shutoff
- Visual indication of open and shut position (Suffix “VI” & “C”)
- Proof of closure switch 1 amp & visual indicator (Suffix “C”)
- Silicon-free construction (Suffix “SF”)
- For on-off control of fuel gas in commercial and industrial gas burners
- 1/8” NPT pipe taps with plugs for routine testing
- Optional flange adapters for ease of installation and service

Fluid
Fuel Gas

Construction

<table>
<thead>
<tr>
<th>Valve Parts in Contact with Fluids</th>
<th>Body</th>
<th>Seals and Disc</th>
<th>Core Tube</th>
<th>Core Guide</th>
<th>Rider Ring</th>
<th>Core and Plugnut</th>
<th>Springs</th>
<th>Rider Ring</th>
<th>Shading Coil</th>
<th>Pipe Plug</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Purpose</td>
<td>Aluminum</td>
<td>NBR</td>
<td>305 Stainless Steel</td>
<td>POM</td>
<td>PTFE</td>
<td>430F Stainless Steel</td>
<td>302 Stainless Steel</td>
<td>Copper</td>
<td>Zinc-Plated Steel</td>
<td></td>
</tr>
</tbody>
</table>

Electrical

<table>
<thead>
<tr>
<th>General Purpose</th>
<th>DC Watts</th>
<th>AC Watts</th>
<th>VA Holding</th>
<th>VA Inrush</th>
<th>Ambient Temp. °F</th>
<th>Spare Coil Family</th>
</tr>
</thead>
<tbody>
<tr>
<td>F</td>
<td>35.1</td>
<td>20</td>
<td>43</td>
<td>240</td>
<td>-40 to 125</td>
<td>098257 226410</td>
</tr>
<tr>
<td>H</td>
<td>35.1</td>
<td>-</td>
<td>-</td>
<td>-240</td>
<td>-40 to 140</td>
<td>222245 -23625</td>
</tr>
<tr>
<td>Watertight</td>
<td>15.8</td>
<td>20.1</td>
<td>48</td>
<td>240</td>
<td>-40 to 125</td>
<td>272610 501695</td>
</tr>
<tr>
<td>F</td>
<td>15.8</td>
<td>20.1</td>
<td>48</td>
<td>240</td>
<td>-40 to 140</td>
<td>272810 440162</td>
</tr>
</tbody>
</table>

Standard Voltages: 24, 120, 240 volts AC, 60 Hz (or 110, 220 volts AC, 50 Hz) 12, 24 volts DC.
Optional High Ambient Temp: 140˚F Class H coil with prefix HB (3/4” to 2” AC only), 140˚F Class H coil with prefix HT (3/4” to 2” DC only) 132˚F Class H coil with prefix HB (2” High flow to 3” DC Only)

Solenoid Enclosures
General Purpose: RedHat metal Type 1 General Purpose housing has a 7/8” diameter hole to accept standard conduit hubs or connectors.
Add prefix JB to catalog number for a Junction Box construction with two 7/8” diameter knock-outs. (i.e. JB8214 265)
Watertight: RedHat II molded epoxy Type 1, 2, 3, 3S, 4 and 4X combination.
General Purpose and Watertight solenoid enclosures with 1/2” conduit hub as standard.
Add prefix JKP to Watertight catalog number for a Watertight Junction Box. (i.e. JKP8214G266)

Valve Response Time
Opening Time: Less than 1 second
Closing Time: Less than 1 second
Specifications - Standard (English units)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>1 5/8</td>
<td>11</td>
<td>593</td>
<td>593,200</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>8214 235</td>
<td>1</td>
<td>-</td>
<td>20/F - 5.1</td>
</tr>
<tr>
<td>1</td>
<td>1 5/8</td>
<td>21</td>
<td>1,132</td>
<td>1,132,300</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>8214 250</td>
<td>1</td>
<td>-</td>
<td>20/F - 5.0</td>
</tr>
<tr>
<td>1 1/4</td>
<td>1 5/8</td>
<td>32</td>
<td>1,726</td>
<td>1,725,500</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>8214 260</td>
<td>1</td>
<td>-</td>
<td>20/F - 4.9</td>
</tr>
<tr>
<td>1 1/2</td>
<td>1 5/8</td>
<td>35</td>
<td>1,887</td>
<td>1,887,200</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>8214 270</td>
<td>1</td>
<td>-</td>
<td>20/F - 4.7</td>
</tr>
<tr>
<td>1 1/4 (High Flow)</td>
<td>2 3/32</td>
<td>36</td>
<td>1,925</td>
<td>1,925,000</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>8214 265</td>
<td>2</td>
<td>*</td>
<td>20/F - 6.9</td>
</tr>
<tr>
<td>1 1/2 (High Flow)</td>
<td>2 3/32</td>
<td>45</td>
<td>2,406</td>
<td>2,406,000</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>8214 275</td>
<td>2</td>
<td>*</td>
<td>20/F - 6.6</td>
</tr>
<tr>
<td>2</td>
<td>2 3/32</td>
<td>55</td>
<td>2,941</td>
<td>2,940,500</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>8214 280</td>
<td>2</td>
<td>*</td>
<td>20/F - 6.2</td>
</tr>
<tr>
<td>2 (High Flow)</td>
<td>3</td>
<td>75</td>
<td>4,044</td>
<td>4,044,100</td>
<td>0</td>
<td>5</td>
<td>125 125</td>
<td>8214 285</td>
<td>3</td>
<td>16</td>
<td>20/H 35.1/F - 13.1</td>
</tr>
<tr>
<td>2 1/2</td>
<td>3 104</td>
<td>5608</td>
<td>5,607,800</td>
<td>0</td>
<td>5</td>
<td>125 125</td>
<td>8214 290</td>
<td>3</td>
<td>16</td>
<td>20/H 35.1/F - 12.6</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>3 105</td>
<td>5662</td>
<td>5,661,700</td>
<td>0</td>
<td>5</td>
<td>125 125</td>
<td>8214 240</td>
<td>3</td>
<td>16</td>
<td>20/H 35.1/F - 11.7</td>
<td></td>
</tr>
</tbody>
</table>

Specifications - Standard (Metric units)

<table>
<thead>
<tr>
<th>Pipe Size (in)</th>
<th>Orifice Size (mm)</th>
<th>Kv Flow Factor</th>
<th>Flow Capacity (m³/hr)</th>
<th>Fuel Gas Capacity (m³/hr)</th>
<th>Operating Pressure Differential (bar)</th>
<th>Max. Fluid Temp. °C</th>
<th>Catalog Number</th>
<th>Const. Ref.</th>
<th>Agency</th>
<th>Watt Rating/Class of Coil Insulation</th>
<th>Approx. Shipping Weight (kgs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>41</td>
<td>9.4</td>
<td>17</td>
<td>593</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 235</td>
<td>1</td>
<td>-</td>
<td>20/F - 2.3</td>
</tr>
<tr>
<td>1</td>
<td>41</td>
<td>17.9</td>
<td>32</td>
<td>1,132</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 250</td>
<td>1</td>
<td>-</td>
<td>20/F - 2.3</td>
</tr>
<tr>
<td>1 1/4</td>
<td>41</td>
<td>27.3</td>
<td>49</td>
<td>1,725</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 260</td>
<td>1</td>
<td>-</td>
<td>20/F - 2.2</td>
</tr>
<tr>
<td>1 1/2</td>
<td>41</td>
<td>29.9</td>
<td>53</td>
<td>2,290</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 270</td>
<td>1</td>
<td>-</td>
<td>20/F - 2.1</td>
</tr>
<tr>
<td>1 1/4 (High Flow)</td>
<td>53</td>
<td>30.7</td>
<td>55</td>
<td>1,925</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 285</td>
<td>2</td>
<td>*</td>
<td>20/F - 3.1</td>
</tr>
<tr>
<td>1 1/2 (High Flow)</td>
<td>53</td>
<td>38.4</td>
<td>68</td>
<td>2,406</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 290</td>
<td>2</td>
<td>*</td>
<td>20/F - 2.9</td>
</tr>
<tr>
<td>2</td>
<td>53</td>
<td>46.9</td>
<td>83</td>
<td>2,941</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 280</td>
<td>2</td>
<td>*</td>
<td>20/F - 2.8</td>
</tr>
<tr>
<td>2 (High Flow)</td>
<td>76</td>
<td>64.0</td>
<td>115</td>
<td>4,044</td>
<td>0.3</td>
<td>52 52</td>
<td>-</td>
<td>8214 285</td>
<td>3</td>
<td>16</td>
<td>20/H 35.1/F - 6.0</td>
</tr>
<tr>
<td>2 1/2</td>
<td>76</td>
<td>88.7</td>
<td>159</td>
<td>5,607</td>
<td>0.3</td>
<td>52 52</td>
<td>-</td>
<td>8214 290</td>
<td>3</td>
<td>16</td>
<td>20/H 35.1/F - 5.7</td>
</tr>
<tr>
<td>3</td>
<td>76</td>
<td>89.6</td>
<td>160</td>
<td>5,661</td>
<td>0.3</td>
<td>52 52</td>
<td>-</td>
<td>8214 240</td>
<td>3</td>
<td>16</td>
<td>20/H 35.1/F - 5.3</td>
</tr>
</tbody>
</table>

& = Safety Shutoff Valve. ○ 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1,000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.
## Specifications - Visual Indication (Suffix VI) (English units)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>1 5/8</td>
<td>11</td>
<td>593</td>
<td>593,200</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 235VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1</td>
<td>1 5/8</td>
<td>21</td>
<td>1132</td>
<td>1,132,300</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 250VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1 1/4</td>
<td>1 5/8</td>
<td>32</td>
<td>1726</td>
<td>1,725,500</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 260VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1/2</td>
<td>1 5/8</td>
<td>35</td>
<td>1887</td>
<td>1,887,200</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 270VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1 1/4 (High Flow)</td>
<td>2 3/32</td>
<td>36</td>
<td>1925</td>
<td>1,925,000</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 265VI</td>
<td>7</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1 1/2 (High Flow)</td>
<td>2 3/32</td>
<td>45</td>
<td>2406</td>
<td>2,406,000</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 275VI</td>
<td>7</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>2</td>
<td>2 3/32</td>
<td>55</td>
<td>2941</td>
<td>2,940,500</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 280VI</td>
<td>7</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>2 (High Flow)</td>
<td>3 75</td>
<td>4044</td>
<td>4,044,100</td>
<td>4,044,100</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>-</td>
<td>8214 285VI</td>
<td>8</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>2 1/2</td>
<td>3 104</td>
<td>5608</td>
<td>5,607,800</td>
<td>5,607,800</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>-</td>
<td>8214 290VI</td>
<td>8</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>3</td>
<td>3 105</td>
<td>5662</td>
<td>5,661,700</td>
<td>5,661,700</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>-</td>
<td>8214 240VI</td>
<td>8</td>
<td>○ ○ ○</td>
</tr>
</tbody>
</table>

* = Safety Shutoff Valve. ** = 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1,000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.

## Specifications - Visual Indication (Suffix VI) (Metric units)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>1 5/8</td>
<td>11</td>
<td>593</td>
<td>593,200</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 235VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1</td>
<td>1 5/8</td>
<td>21</td>
<td>1132</td>
<td>1,132,300</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 250VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1 1/4</td>
<td>1 5/8</td>
<td>32</td>
<td>1726</td>
<td>1,725,500</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 260VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1/2</td>
<td>1 5/8</td>
<td>35</td>
<td>1887</td>
<td>1,887,200</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 270VI</td>
<td>6</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1 1/4 (High Flow)</td>
<td>2 3/32</td>
<td>36</td>
<td>1925</td>
<td>1,925,000</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 265VI</td>
<td>7</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>1 1/2 (High Flow)</td>
<td>2 3/32</td>
<td>45</td>
<td>2406</td>
<td>2,406,000</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 275VI</td>
<td>7</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>2</td>
<td>2 3/32</td>
<td>55</td>
<td>2941</td>
<td>2,940,500</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 280VI</td>
<td>7</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>2 (High Flow)</td>
<td>3 75</td>
<td>4044</td>
<td>4,044,100</td>
<td>4,044,100</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 285VI</td>
<td>8</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>2 1/2</td>
<td>3 104</td>
<td>5608</td>
<td>5,607,800</td>
<td>5,607,800</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 290VI</td>
<td>8</td>
<td>○ ○ ○</td>
</tr>
<tr>
<td>3</td>
<td>3 105</td>
<td>5662</td>
<td>5,661,700</td>
<td>5,661,700</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 240VI</td>
<td>8</td>
<td>○ ○ ○</td>
</tr>
</tbody>
</table>

* = Safety Shutoff Valve. ** = 1" W.C. Drop @ 2" W.C. Inlet Pressure, 1,000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.
## Specifications - Proof of Closure (Suffix C) (English units)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GENERAL PURPOSE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>1 5/8</td>
<td>11</td>
<td>593</td>
<td>593,200</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 235C</td>
<td>11</td>
<td>☐</td>
</tr>
<tr>
<td>1</td>
<td>1 5/8</td>
<td>21</td>
<td>1132</td>
<td>1,132,300</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 250C</td>
<td>11</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/4</td>
<td>1 5/8</td>
<td>32</td>
<td>1726</td>
<td>1,725,500</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 260C</td>
<td>11</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/2</td>
<td>1 5/8</td>
<td>35</td>
<td>1887</td>
<td>1,887,200</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 270C</td>
<td>11</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/4 (High Flow)</td>
<td>2 3/32</td>
<td>36</td>
<td>1925</td>
<td>1,925,000</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 265C</td>
<td>12</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/2 (High Flow)</td>
<td>2 3/32</td>
<td>45</td>
<td>2406</td>
<td>2,406,000</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 275C</td>
<td>12</td>
<td>☐</td>
</tr>
<tr>
<td>2</td>
<td>2 3/32</td>
<td>55</td>
<td>2941</td>
<td>2,940,500</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>77</td>
<td>8214 280C</td>
<td>12</td>
<td>☐</td>
</tr>
<tr>
<td>2 (High Flow)</td>
<td>3</td>
<td>75</td>
<td>4044</td>
<td>4,044,100</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>-</td>
<td>8214 285C</td>
<td>13</td>
<td>☐</td>
</tr>
<tr>
<td>2 1/2</td>
<td>3</td>
<td>104</td>
<td>5608</td>
<td>5,607,800</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>-</td>
<td>8214 290C</td>
<td>13</td>
<td>☐</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
<td>105</td>
<td>5662</td>
<td>5,661,700</td>
<td>0</td>
<td>5</td>
<td>125</td>
<td>-</td>
<td>8214 240C</td>
<td>13</td>
<td>☐</td>
</tr>
</tbody>
</table>

* = Safety Shutoff Valve. ☐ 1” W.C. Drop @ 2” W.C. Inlet Pressure, 1,000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.

## Specifications - Proof of Closure (Suffix C) (Metric units)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>GENERAL PURPOSE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3/4</td>
<td>41</td>
<td>9.4</td>
<td>17</td>
<td>593</td>
<td>593,200</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 235C</td>
<td>11</td>
</tr>
<tr>
<td>1</td>
<td>41</td>
<td>17.9</td>
<td>32</td>
<td>1,132,300</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 250C</td>
<td>11</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/4</td>
<td>41</td>
<td>27.3</td>
<td>49</td>
<td>1,725,500</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 260C</td>
<td>11</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/2</td>
<td>41</td>
<td>29.9</td>
<td>53</td>
<td>1,887,200</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 270C</td>
<td>11</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/4 (High Flow)</td>
<td>53</td>
<td>30.7</td>
<td>55</td>
<td>1,925,000</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 265C</td>
<td>12</td>
<td>☐</td>
</tr>
<tr>
<td>1 1/2 (High Flow)</td>
<td>53</td>
<td>38.4</td>
<td>68</td>
<td>2,406,000</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 275C</td>
<td>12</td>
<td>☐</td>
</tr>
<tr>
<td>2</td>
<td>53</td>
<td>46.9</td>
<td>83</td>
<td>2,940,500</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>25</td>
<td>8214 280C</td>
<td>12</td>
<td>☐</td>
</tr>
<tr>
<td>2 (High Flow)</td>
<td>76</td>
<td>64.0</td>
<td>115</td>
<td>4,044,100</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 285C</td>
<td>13</td>
<td>☐</td>
</tr>
<tr>
<td>2 1/2</td>
<td>76</td>
<td>88.7</td>
<td>159</td>
<td>5,607,800</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 290C</td>
<td>13</td>
<td>☐</td>
</tr>
<tr>
<td>3</td>
<td>76</td>
<td>89.6</td>
<td>160</td>
<td>5,661,700</td>
<td>0</td>
<td>0.3</td>
<td>52</td>
<td>-</td>
<td>8214 240C</td>
<td>13</td>
<td>☐</td>
</tr>
</tbody>
</table>

* = Safety Shutoff Valve. ☐ 1” W.C. Drop @ 2” W.C. Inlet Pressure, 1,000 Btu/cu.ft. or more, 0.64 Specific Gravity Gas.
### Dimensions inches (mm)

<table>
<thead>
<tr>
<th>Const. Ref.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>P</th>
<th>R</th>
<th>T</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2.69</td>
<td>4.65</td>
<td>1.86</td>
<td>6.97</td>
<td>3.55</td>
<td>4.14</td>
<td>5.30</td>
<td>2.48</td>
<td>5.95</td>
<td>5.51</td>
<td>2.40</td>
<td>2.20</td>
<td>5.39</td>
</tr>
<tr>
<td>mm</td>
<td>68</td>
<td>118</td>
<td>47</td>
<td>177</td>
<td>90</td>
<td>105</td>
<td>135</td>
<td>63</td>
<td>151</td>
<td>145</td>
<td>140</td>
<td>61</td>
<td>56</td>
</tr>
<tr>
<td>2</td>
<td>3.16</td>
<td>4.64</td>
<td>1.86</td>
<td>7.63</td>
<td>3.55</td>
<td>4.48</td>
<td>6.09</td>
<td>2.48</td>
<td>6.36</td>
<td>5.85</td>
<td>2.81</td>
<td>2.20</td>
<td>6.32</td>
</tr>
<tr>
<td>mm</td>
<td>80</td>
<td>118</td>
<td>47</td>
<td>194</td>
<td>90</td>
<td>114</td>
<td>155</td>
<td>63</td>
<td>161</td>
<td>149</td>
<td>71</td>
<td>56</td>
<td>161</td>
</tr>
<tr>
<td>3</td>
<td>4.13</td>
<td>4.65</td>
<td>1.86</td>
<td>9.62</td>
<td>3.55</td>
<td>5.86</td>
<td>7.80</td>
<td>2.48</td>
<td>7.44</td>
<td>7.23</td>
<td>3.89</td>
<td>2.20</td>
<td>7.95</td>
</tr>
<tr>
<td>mm</td>
<td>105</td>
<td>118</td>
<td>47</td>
<td>244</td>
<td>90</td>
<td>149</td>
<td>198</td>
<td>63</td>
<td>189</td>
<td>184</td>
<td>99</td>
<td>56</td>
<td>202</td>
</tr>
<tr>
<td>4</td>
<td>2.69</td>
<td>3.13</td>
<td>-</td>
<td>6.90</td>
<td>2.11</td>
<td>4.28</td>
<td>5.30</td>
<td>-</td>
<td>4.51</td>
<td>5.47</td>
<td>2.40</td>
<td>1.95</td>
<td>5.39</td>
</tr>
<tr>
<td>mm</td>
<td>68.5</td>
<td>80</td>
<td>-</td>
<td>176</td>
<td>53</td>
<td>109</td>
<td>135</td>
<td>-</td>
<td>114</td>
<td>139</td>
<td>61</td>
<td>50</td>
<td>137</td>
</tr>
<tr>
<td>4A</td>
<td>2.69</td>
<td>3.72</td>
<td>-</td>
<td>6.90</td>
<td>2.27</td>
<td>4.4</td>
<td>5.30</td>
<td>-</td>
<td>4.67</td>
<td>5.5</td>
<td>2.40</td>
<td>2.45</td>
<td>5.39</td>
</tr>
<tr>
<td>mm</td>
<td>68.5</td>
<td>94</td>
<td>-</td>
<td>176</td>
<td>58</td>
<td>111</td>
<td>135</td>
<td>-</td>
<td>119</td>
<td>139</td>
<td>61</td>
<td>62</td>
<td>137</td>
</tr>
<tr>
<td>5</td>
<td>3.16</td>
<td>3.72</td>
<td>-</td>
<td>7.6</td>
<td>2.11</td>
<td>4.66</td>
<td>6.09</td>
<td>-</td>
<td>4.92</td>
<td>5.85</td>
<td>2.81</td>
<td>2.06</td>
<td>6.32</td>
</tr>
<tr>
<td>mm</td>
<td>80</td>
<td>80</td>
<td>-</td>
<td>194</td>
<td>53</td>
<td>116</td>
<td>155</td>
<td>-</td>
<td>125</td>
<td>149</td>
<td>71</td>
<td>52</td>
<td>161</td>
</tr>
<tr>
<td>5A</td>
<td>3.16</td>
<td>3.72</td>
<td>-</td>
<td>7.6</td>
<td>2.27</td>
<td>4.7</td>
<td>6.09</td>
<td>-</td>
<td>5.08</td>
<td>5.8</td>
<td>2.81</td>
<td>2.45</td>
<td>6.32</td>
</tr>
<tr>
<td>mm</td>
<td>80</td>
<td>94</td>
<td>-</td>
<td>193</td>
<td>58</td>
<td>119</td>
<td>155</td>
<td>-</td>
<td>129</td>
<td>148</td>
<td>71</td>
<td>62</td>
<td>161</td>
</tr>
<tr>
<td>16</td>
<td>4.13</td>
<td>3.49</td>
<td>1.86</td>
<td>10.3</td>
<td>4.13</td>
<td>5.71</td>
<td>7.8</td>
<td>3.31</td>
<td>8.03</td>
<td>7.91</td>
<td>3.89</td>
<td>3.31</td>
<td>6.32</td>
</tr>
<tr>
<td>mm</td>
<td>105</td>
<td>147</td>
<td>47</td>
<td>261</td>
<td>105</td>
<td>145</td>
<td>198</td>
<td>84</td>
<td>204</td>
<td>201</td>
<td>99</td>
<td>84</td>
<td>161</td>
</tr>
</tbody>
</table>

**Const. Ref. 1-3, 16**

**Const. Ref. 4, 4A, 5, 5A**

3/4” through 2” - AC constructions can be mounted with solenoid in any position above horizontal. DC constructions must be mounted with solenoid vertical and upright. 2” High Flow through 3” must be mounted with solenoid vertical and upright.
### Dimensions inches (mm)

<table>
<thead>
<tr>
<th>Const. Ref.</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>N</th>
<th>P</th>
<th>R</th>
<th>T</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 (in)</td>
<td>2.69</td>
<td>4.64</td>
<td>1.86</td>
<td>9.16</td>
<td>3.56</td>
<td>4.14</td>
<td>5.30</td>
<td>2.48</td>
<td>5.95</td>
<td>5.51</td>
<td>2.40</td>
<td>2.20</td>
<td>5.39</td>
</tr>
<tr>
<td>6 (mm)</td>
<td>68</td>
<td>118</td>
<td>47</td>
<td>233</td>
<td>90</td>
<td>105</td>
<td>135</td>
<td>63</td>
<td>151</td>
<td>140</td>
<td>61</td>
<td>56</td>
<td>137</td>
</tr>
<tr>
<td>7 (in)</td>
<td>3.16</td>
<td>4.64</td>
<td>1.86</td>
<td>9.54</td>
<td>3.56</td>
<td>4.48</td>
<td>6.09</td>
<td>2.48</td>
<td>6.36</td>
<td>5.85</td>
<td>2.81</td>
<td>2.20</td>
<td>6.32</td>
</tr>
<tr>
<td>7 (mm)</td>
<td>80</td>
<td>118</td>
<td>47</td>
<td>242</td>
<td>90</td>
<td>114</td>
<td>155</td>
<td>63</td>
<td>161</td>
<td>149</td>
<td>71</td>
<td>56</td>
<td>161</td>
</tr>
<tr>
<td>8 (in)</td>
<td>4.13</td>
<td>4.65</td>
<td>1.86</td>
<td>12.03</td>
<td>3.56</td>
<td>5.86</td>
<td>7.80</td>
<td>2.48</td>
<td>7.44</td>
<td>7.23</td>
<td>3.89</td>
<td>2.20</td>
<td>7.95</td>
</tr>
<tr>
<td>8 (mm)</td>
<td>105</td>
<td>118</td>
<td>47</td>
<td>306</td>
<td>90</td>
<td>149</td>
<td>198</td>
<td>63</td>
<td>189</td>
<td>184</td>
<td>99</td>
<td>56</td>
<td>202</td>
</tr>
<tr>
<td>9 (in)</td>
<td>2.69</td>
<td>3.15</td>
<td>-</td>
<td>9.12</td>
<td>2.11</td>
<td>4.28</td>
<td>5.30</td>
<td>-</td>
<td>4.51</td>
<td>5.47</td>
<td>2.40</td>
<td>2.06</td>
<td>5.39</td>
</tr>
<tr>
<td>9 (mm)</td>
<td>68</td>
<td>80</td>
<td>-</td>
<td>232</td>
<td>53</td>
<td>109</td>
<td>135</td>
<td>-</td>
<td>144</td>
<td>139</td>
<td>61</td>
<td>52</td>
<td>137</td>
</tr>
<tr>
<td>10 (in)</td>
<td>3.16</td>
<td>3.15</td>
<td>-</td>
<td>9.54</td>
<td>2.11</td>
<td>4.66</td>
<td>6.09</td>
<td>-</td>
<td>4.92</td>
<td>5.85</td>
<td>2.81</td>
<td>2.06</td>
<td>6.32</td>
</tr>
<tr>
<td>10 (mm)</td>
<td>80</td>
<td>80</td>
<td>-</td>
<td>242</td>
<td>53</td>
<td>118</td>
<td>155</td>
<td>-</td>
<td>125</td>
<td>149</td>
<td>71</td>
<td>52</td>
<td>161</td>
</tr>
</tbody>
</table>

**Visual Indication Constructions (Suffix VI) must be mounted with solenoid vertical and upright.**
Proof of Closure constructions (Suffix C) must be mounted with solenoid vertical and upright.
### Dimensions inches (mm)

<table>
<thead>
<tr>
<th>Flange Adapters</th>
<th>B1</th>
<th>H1</th>
<th>L1</th>
<th>HEX</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4” - 1”</td>
<td>in</td>
<td>4.8</td>
<td>2.5</td>
<td>1.27</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>122</td>
<td>76</td>
<td>32</td>
</tr>
<tr>
<td>1 1/4” - 2”</td>
<td>in</td>
<td>5</td>
<td>3.56</td>
<td>1.38</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>127</td>
<td>90</td>
<td>35</td>
</tr>
<tr>
<td>2” (High Flow) - 3”</td>
<td>in</td>
<td>7</td>
<td>4.5</td>
<td>2.015</td>
</tr>
<tr>
<td></td>
<td>mm</td>
<td>178</td>
<td>114</td>
<td>51</td>
</tr>
</tbody>
</table>

* Please refer to the Double Gas Shut off Valves catalog pages for more kit information.

### Flange Adapter Kits (Optional)*

<table>
<thead>
<tr>
<th>Pipe Size (in)</th>
<th>Inlet &amp; Outlet Adapter/Hardware Kit</th>
<th>Approx. Shipping Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>296659-001</td>
<td>1.6</td>
</tr>
<tr>
<td>1</td>
<td>296659-002</td>
<td>1.5</td>
</tr>
<tr>
<td>1 1/4</td>
<td>296659-003</td>
<td>1.3</td>
</tr>
<tr>
<td>1 1/2</td>
<td>296659-004</td>
<td>1.2</td>
</tr>
<tr>
<td>1 1/4 (High Flow)</td>
<td>296659-005</td>
<td>2.4</td>
</tr>
<tr>
<td>1 1/2 (High Flow)</td>
<td>296659-006</td>
<td>2.1</td>
</tr>
<tr>
<td>2</td>
<td>296659-007</td>
<td>1.7</td>
</tr>
<tr>
<td>2 (High Flow)</td>
<td>296659-008</td>
<td>6.6</td>
</tr>
<tr>
<td>2 1/2</td>
<td>296659-009</td>
<td>6.0</td>
</tr>
<tr>
<td>3</td>
<td>296659-010</td>
<td>4.9</td>
</tr>
</tbody>
</table>

### General Purpose Rebuild Kits

<table>
<thead>
<tr>
<th>Pipe Size (in)</th>
<th>Standard Rebuild Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suffix</td>
<td>AC</td>
</tr>
<tr>
<td>3/4, 1 1/4, 1 1/2, 2</td>
<td>None</td>
</tr>
<tr>
<td>VI</td>
<td>323637</td>
</tr>
<tr>
<td>11/4 (High Flow), 11/2 (High Flow), 2</td>
<td>None</td>
</tr>
<tr>
<td>VI</td>
<td>323501</td>
</tr>
<tr>
<td>2 (High Flow), 2 1/2, 3</td>
<td>None</td>
</tr>
<tr>
<td>VI</td>
<td>323948</td>
</tr>
</tbody>
</table>

### Watertight Rebuild Kits

<table>
<thead>
<tr>
<th>Pipe Size (in)</th>
<th>Standard Rebuild Kit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suffix</td>
<td>AC</td>
</tr>
<tr>
<td>3/4, 1 1/4, 1 1/2, 2</td>
<td>None</td>
</tr>
<tr>
<td>VI</td>
<td>323941</td>
</tr>
<tr>
<td>11/4, 11/2, 2</td>
<td>None</td>
</tr>
<tr>
<td>VI</td>
<td>323539</td>
</tr>
</tbody>
</table>