# SYSTEM COMPONENTS

## 3/8" – 3" ISOLATOR UNION

### SPECIFICATIONS:

- **PSI / Temperature Rating:** 400 PSI / 250°F
- **Body Material:** Forged Brass ASTM B283-06
- **End Connections:** Brass – NPT, Sweat or QuickPress
- **Union Seal:** EPDM O-ring
- **Body Tappings:** Two 1/4" bosses
- **Options:** Combination P/T Test Valve and Manual Air Vent (CPTA), Drain Valve, Coin Operated Airvent, Extension Option

### DIMENSIONS & WEIGHTS (NOMINAL)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>A - FIXED END CONNECTION</th>
<th>B - UNION END CONNECTION</th>
<th>C</th>
<th>WEIGHT (LBS.)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>FNPT SWT</td>
<td>MNPT SWT</td>
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<tr>
<td>3/8&quot;</td>
<td>N/A 1.7</td>
<td>1/2&quot;:1.0 3/4&quot;:N/A</td>
<td>3/8&quot;:1/2&quot;:0.8 3/4&quot;:1.1</td>
<td>1.2</td>
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<tr>
<td>1/2&quot;</td>
<td>2.0 1.9</td>
<td>1/2&quot;:1.0 3/4&quot;:1.2</td>
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<tr>
<td>&quot;</td>
<td>2.2 2.2</td>
<td>1/2&quot;:3/4&quot;:1.0 1&quot;:N/A</td>
<td>1&quot;:1.4</td>
<td>2.0</td>
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<tr>
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<td>2.6 2.6</td>
<td>1&quot;:1-1/4&quot;:1-1/2&quot;:1.7</td>
<td>1&quot;:1-1/4&quot;:1-1/2&quot;:1.7</td>
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<tr>
<td>1-1/2&quot;</td>
<td>2.8 2.8</td>
<td>1-1/4&quot;:1-1/2&quot;:1.6</td>
<td>1&quot;:1-1/4&quot;:1-1/2&quot;:1.7</td>
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<tr>
<td>2&quot;</td>
<td>3.0 N/A</td>
<td>1-1/2&quot;:2-1/2&quot;:1.2</td>
<td>3&quot;:2.2</td>
<td>3&quot;:2.5</td>
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<tr>
<td>3&quot;</td>
<td>3.2 N/A</td>
<td>1-1/2&quot;:2-1/2&quot;:1.2</td>
<td>3&quot;:2.2</td>
<td>3&quot;:2.5</td>
</tr>
</tbody>
</table>

For QuickPress connections add 3.1" (1/2"), 3.6" (3/4"), 4.1" (1") to the NPT length (A) listed for a valve.

All dimensions are for planning purpose only, contact factory for actual measurement at time of order.

### MODEL NUMBER SELECTION

Select a Housing Size (0=1/2"-3/4", 1=1", 2=1-1/4"-1-1/2", 3=2", 4=2-1/2"-3")

Select an Accessory Package (0=No Port, B=CPTA, C=CPTA & Drain Valve, D=Coin Operated Airvent, E=Cool-Operated Airvent and CPTA)

Extension Option (0=No, 1=1-1/2", 2=2")

### NOTES

1. QuickPress is available on 1/2" to 1" valves. Connections are compatible with popular press tools and are rated for maximum 200 PSI.
2. Body Tappings for accessories are a leak proof metal to metal seal and do not require pipe dope or tape. Tape or dope should not be used.
3. For overall length, add union end connection length to body length.
4. Tailpiece is not available for this size. Male tailpiece used with coupling.
5. Extension Option includes accessory extensions for either 1-1/2" or 2" insulation.
6. Fixed end not available for this size. Union tailpiece only.

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