### Submittal Data Information

**U Tube Heat Exchangers**

**8” DIAMETER STEAM**

**EFFECTIVE: APRIL 30, 2018**

**SUPERSEDES: APRIL 15, 1995**

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**Job:**

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</tbody>
</table>

**DIMENSIONS**

8 Inch Diameter

<table>
<thead>
<tr>
<th>Model Number</th>
<th>2 Pass</th>
<th>4 Pass</th>
<th>2 Pass</th>
<th>4 Pass</th>
<th>Dimensions (inches)</th>
<th>Heating Surface (sq. ft.)</th>
<th>Shipping Weight (lbs.)</th>
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</thead>
<tbody>
<tr>
<td>G8204S</td>
<td>5</td>
<td>3T</td>
<td>4</td>
<td>2T</td>
<td>2</td>
<td>4½/8</td>
<td>16.5</td>
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<td>4</td>
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<td>2</td>
<td>4½/8</td>
<td>25.1</td>
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<td>3T</td>
<td>4</td>
<td>2T</td>
<td>2</td>
<td>4½/8</td>
<td>33.7</td>
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<tr>
<td>G8210S</td>
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<td>3T</td>
<td>4</td>
<td>2T</td>
<td>2</td>
<td>4½/8</td>
<td>42.4</td>
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<tr>
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<td>3T</td>
<td>4</td>
<td>2T</td>
<td>2</td>
<td>4½/8</td>
<td>51.0</td>
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<td>4</td>
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<td>2</td>
<td>4½/8</td>
<td>59.7</td>
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<td>2</td>
<td>4½/8</td>
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<td>2</td>
<td>4½/8</td>
<td>76.9</td>
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<td>4</td>
<td>2T</td>
<td>2</td>
<td>4½/8</td>
<td>85.6</td>
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**SADDLES (Optional):**

- Hole diameter
- 4 PASS
- 2 PASS

**DIMENSIONS FOR SADDLES:**

- Shell: 7½/16” W: 11/16” X: 9
- Hole Diameter: 3½/16”

**MATERIALS OF CONSTRUCTION:**

(Unless otherwise indicated, standard will be furnished.)

<table>
<thead>
<tr>
<th>Shell</th>
<th>Optional</th>
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<tbody>
<tr>
<td>Standard</td>
<td>304ss, 316ss</td>
</tr>
<tr>
<td>Head</td>
<td>Cast Bronze, Fabricated Steel, Fabricated 304ss/316ss</td>
</tr>
<tr>
<td>Tubes</td>
<td>3/4 x 18 BWG Copper</td>
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<tr>
<td>Tube Sheet</td>
<td>Steel</td>
</tr>
<tr>
<td>Separators</td>
<td>Brass, 304ss, 316ss, 90/10 Cu Ni</td>
</tr>
<tr>
<td>Working Pressure</td>
<td>150 PSIG (ASME)</td>
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<tr>
<td>Max. Temperature</td>
<td>375°F</td>
</tr>
</tbody>
</table>

* When choosing any option with fabricated head type, refer to submittal 201-022 for head dimensions. Fabricated heads will feature flanged connections.

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All dimensions shown are subject to change and should not be used for pre-piping. Contact your local Taco representative should certified dimensional drawings be required.