CONDENSATE COOLERS

PURPOSE
Condensate coolers should be utilized on any application where condensate is being discharged to drain or waste. Most codes restrict waste water to a 140°F high limit.

OPTIONAL ACCESSORIES
- Self operating cooling control valve
- Dial thermometer
- Vent condenser

INSTALLATION
The vessel should be installed with the flash steam outlet (vent) at the top as shown. Vent to atmosphere through independently supported vent piping.

ORDERING INFORMATION REQUIRED
- Pressure at source steam traps or blowdown valves
- Volume of condensate to be cooled
- Pressure and temperature of cooling water
- High temperature limit of waste condensate

Normal Sizing by Condensate Load
- CC-6 up to 2,000 lbs./hr.
- CC-8 up to 5,000 lbs./hr.
- CC-12 up to 10,000 lbs./hr.
- CC-16 up to 20,000 lbs./hr.

FEATURES
- Cooling water dispersal header
- Internal weir assembly retains condensate and allows it to cool to atmosphere, saving on cooling water
- Baffled inlet extends tank life

DESIGN SPECIFICATIONS
- Design Pressure: 25 psig
- Design Temperature: 100°F
- M.D.M.T.: -20°F
- Hydrostatic Test: 40 psig
- Design Steam Pressure: 15 psig saturated
- Operating Steam Pressure: 0 psig (vented to atmosphere)
- Heat Treatments: None
- Service: Non-Lethal
- Material of Construction: Carbon Steel (Stainless Steel Optional)

Notes:
- Dimensions may be modified to suit customer’s requirements
- Larger sizes and selections are available upon request

DIMENSIONS AND WEIGHTS

<table>
<thead>
<tr>
<th>Model</th>
<th>A in</th>
<th>B in</th>
<th>C in</th>
<th>D in</th>
<th>E in</th>
<th>F in</th>
<th>G in</th>
<th>H in</th>
<th>J in</th>
<th>K in</th>
<th>L in</th>
<th>M in</th>
<th>N in</th>
<th>O in</th>
<th>Weight lbs</th>
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<td>47</td>
<td>38</td>
<td>24-1/2</td>
<td>9</td>
<td>19</td>
<td>12</td>
<td>2-1/2</td>
<td>1-1/2</td>
<td>1</td>
<td>8.8</td>
<td>2-1/2</td>
<td>8</td>
<td>13</td>
<td>90</td>
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<tr>
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<td>39</td>
<td>26</td>
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<td>19-1/2</td>
<td>3/4</td>
<td>4</td>
<td>2</td>
<td>1</td>
<td>10.8</td>
<td>3-1/2</td>
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<tr>
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<td>1</td>
<td>5</td>
<td>2-1/2</td>
<td>1-1/4</td>
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<td>18.9</td>
<td>5</td>
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Colton has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.