GENERAL DESCRIPTION
The TUCS BATCH CHILLER is designed for low to medium volume food processor or food service commissary desiring to rapidly chill hot clipped casings, heat sealed pouches and/or membrane sealed tubs/bowls/trays. The Tucs batch chiller is a simple air agitated tank providing efficient immersion cooling of packaged products. Process water is maintained at chill temperatures through the use of submerged evaporator coils directly coupled to the refrigeration compressor(s). A switch-activated floor lifts cooled product from chiller bath for easy and safe removal.

CAPACITIES
Capacity to chill 50, 100, 150, 200, 300 gallons of packaged liquid products

CONSTRUCTION & FEATURES
304L Stainless Steel tank mounted on 4 flanged feet with leg pads • Fully insulated • 1 ½” drain with ball valve • Built to USDA standards. FDA compliant. • Lift floor – switch activated elevating flor to raise product out of chill water. Can be stopped at any point for immersion cooling of open containers stock pots, tubs, etc.

CONTROLS
Batch chill mode • Display of process water temperature • Refrigeration system selection switch

AIR AGITATION
¾ to 1 Hp high volume, low pressure air pump • Dual, interconnected stainless steel air bubbler lines running full length of tank • Mounted and prewired to control

COOLING EVAPORATORS
Stainless steel evaporator coils designed for Freon refrigerant • Submerged, stainless steel evaporator coils directly connected to a refrigeration compressor

OPTIONS
☐ Air or water cooled remote compressor/condensers for evaporator coils
☐ Flexible dividers to allow simultaneous chilling of 2 or more batches
☐ Chilled water take off with recirculating pump to provide chilled water for other purposes such as kettle jacket cooling
MODEL TEBC
50, 100, 150, 200, 300 GALLON BATCH CHILLER

TUCS MODEL TEBC-gallons
BATCH CHILLER

NOTES:
1. SHOWN WITH CONTROL ON RIGHT SIDE, LEFT SIDE AVAILABLE.
2. DIMENSIONS SUBJECT TO CHANGE WITHOUT NOTICE - CHECK WITH FACTORY.
3. ALLOW 36" MINIMUM CLEARANCE IN FRONT OF CONTROL PANEL.
4. REFRIGERATION CONNECTION SIZES SHOWN ARE TYPICAL FROM FACTORY. ALTERNATE CONNECTION SIZES ARE AVAILABLE UPON REQUEST.
5. 3" FLEXIBLE HOSE CONNECTION INCLUDED FOR CPW.

UTILITY CONNECTIONS (ALL TANK SIZES)

<table>
<thead>
<tr>
<th>SIZE</th>
<th>COLD POTABLE WATER</th>
<th>REFRIGERATION 1 (TANK)</th>
<th>REFRIGERATION 2 (TANK)</th>
<th>ELECTRIC</th>
<th>OPTIONAL CHILLED WATER TAKE-OFF</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPACITY</td>
<td>CPW</td>
<td>RL</td>
<td>RS</td>
<td>IW</td>
<td>E</td>
</tr>
<tr>
<td>50-300</td>
<td>¾&quot;</td>
<td>¾&quot;</td>
<td>1½&quot;</td>
<td>2&quot; NPT</td>
<td>3 PH/60 HZ</td>
</tr>
</tbody>
</table>

UTILITY REQUIREMENTS

<table>
<thead>
<tr>
<th>SIZE</th>
<th>ELECTRIC</th>
<th>REFRIGERATION</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>(PRODUCT CAPACITY GALLONS)</td>
<td>FLA @ 208V</td>
<td>FLA @ 230V</td>
<td>FLA @ 460V</td>
</tr>
<tr>
<td>50</td>
<td>9.1A</td>
<td>8.0A</td>
<td>4.0A</td>
</tr>
<tr>
<td>100</td>
<td>9.1A</td>
<td>8.0A</td>
<td>4.0A</td>
</tr>
<tr>
<td>150</td>
<td>9.1A</td>
<td>8.0A</td>
<td>4.0A</td>
</tr>
<tr>
<td>200</td>
<td>9.1A</td>
<td>8.0A</td>
<td>4.0A</td>
</tr>
<tr>
<td>300</td>
<td>9.1A</td>
<td>8.0A</td>
<td>4.0A</td>
</tr>
</tbody>
</table>

* COIL QUANTITY DEPENDS ON COMPRESSOR/CONDENSER SPECIFICATIONS.

11/01/2018

Due to continuous improvements, specifications subject to change without notice.
© 2018 TUCS Equipment. All Rights Reserved.