Custom Coils

OBsolete

Direct Expansion
Chilled Water
Hot Water
Standard Steam

A participating company in the ARI 410 Certification Program.
**Construction Options**

<table>
<thead>
<tr>
<th>.016&quot; Tube Wall</th>
<th>.025&quot; Tube Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>.50&quot; Tube Diameter</td>
<td></td>
</tr>
<tr>
<td>.0055&quot; Aluminum Fins</td>
<td></td>
</tr>
<tr>
<td>.0075&quot; Aluminum or Copper Fins</td>
<td></td>
</tr>
<tr>
<td>.0100&quot; Aluminum or Copper Fins (Special Order)</td>
<td></td>
</tr>
<tr>
<td>18ga. Galvanized or Stainless Steel Casing</td>
<td></td>
</tr>
<tr>
<td>16ga. Galvanized or Stainless Steel Casing</td>
<td></td>
</tr>
</tbody>
</table>

**Casing Options**

- Single Side, Slip and Drive
- Dual Side, Slip and Drive
- Duct or Stacking Flange

Type “L” Copper Headers

A variety of coating options are available:

- Heresite® Technicoat
- Bronz-Glow*
- *With or without antimicrobial agent INTERSEPT®

**Size Range**

- Minimum Height: 7 1/2"
- Maximum Height: 60"
- Minimum Length: 6"
- Maximum Length: 110"

- Rows: 1 - 12
- FPI: 6 - 14

(Less than 8 FPI requires .0075" fin material)

**ARI Certified**

- DX = 3 thru 8 Rows
- CW = 1 thru 8 Rows
- HW = 1 thru 4 Rows
- SS = 1 thru 2 Rows

ARI Certified: FPI = 8 thru 14 FPI

### ARI STANDARD 410 - 91, Range of Standard Rating Conditions.

<table>
<thead>
<tr>
<th>ITEM</th>
<th>COOLING COILS</th>
<th>HEATING COILS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Volatile Refrigerant</td>
<td>Cold Water</td>
</tr>
<tr>
<td>Air Face Velocity, fpm [m/s] (Standard Air)</td>
<td>200 to 800 [1.02 to 4.06]</td>
<td>200 to 800 [1.02 to 4.06]</td>
</tr>
<tr>
<td>Entering Air Dry-Bulb Temp. F [°C]</td>
<td>65 to 100 [18.3 to 37.8]</td>
<td>65 to 100 [18.3 to 37.8]</td>
</tr>
<tr>
<td>Entering Air Wet-Bulb Temp. F [°C]</td>
<td>60 to 85 [15.5 to 29.4]</td>
<td>60 to 85 [15.5 to 29.4]</td>
</tr>
<tr>
<td>Fluid Velocity, fps [m/s]</td>
<td>—</td>
<td>*1 to 8 [0.31 to 2.44]</td>
</tr>
<tr>
<td>Entering Fluid Temp. F [°C]</td>
<td>—</td>
<td>35 to 65 [1.7 to 18.3]</td>
</tr>
<tr>
<td>Saturated Suction Refrigerant Temp. at Coil Outlet, F [°C]</td>
<td>30 to 55 [-1.1 to 12.8]</td>
<td>—</td>
</tr>
<tr>
<td>Steam Pressure at Coil Inlet, psig [kPa gage]</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Max. Superheat in Steam at Coil Inlet F [K]</td>
<td>—</td>
<td>—</td>
</tr>
</tbody>
</table>

* On lower limit, Reynolds Number shall exceed 3100.

### Quality Assurance and Test Procedures

- All coils are visually inspected prior to water testing.
- All coils are tested under water at 350 psig minimum pressure.
- Evaporator coils are factory sealed and charged with a minimum of 5 psig nitrogen or refrigerated dry air.
Contact your Enviro-Tec® representative for computer coils selection.

**Model Number Nomenclature**

4 CW - Q - 30 x 60 - 6 - 10 - 1.5

**Tube Dia. in Eighths**

**Coil Type**
- CW = Chilled Water
- HW = Hot Water
- EV = Evaporator
- SS = Standard Steam

**Circuiting Type**
- 1T = 1 Tube Feed
- 2T = 2 Tube Feed
- Q = Quarter
- OT = One Third
- H = Half
- TQ = Three Quarter
- F = Full
- OH = One & One Half
- D = Double
- S = Special

**Nominal Connection Size**

0.5" thru 4"

**Fins Per Inch**

6 thru 14 fpi

**Rows Deep**

1 thru 12 rows

**Fin Length**

6" thru 110"

**Fin Height**

7.5" thru 60"