Highlight Merchandiser® RHCC30 & RHCC30BB Specs
Medium Temp Reach-Ins with 30” x 68” CoolView® Envision® Doors

Energy Data

### REFRIGERATION

- **Evaporator Temperature (°F)**
  - Per Door Avg.: 28
  - 2-Door: 28
  - 3-Door: 28
  - 4-Door: 28
  - 5-Door: 28

- **Baseline Btuh**
  - Per Door Avg.: 420
  - 2-Door: 1,010
  - 3-Door: 1,410
  - 4-Door: 1,810
  - 5-Door: 2,200

- **Discharge Air Temp. (°F) (w/ 5°F Superheat)**
  - Per Door Avg.: 33
  - 2-Door: 33
  - 3-Door: 33
  - 4-Door: 33
  - 5-Door: 33

- **Btuh Deducts**
  - Back-To-Back (Model BB): -40

- **Btuh Adders**
  - Optional Glass Windowed End Panel (Each): 175
  - Anti-Sweat High Humidity Package: 120

- **Glycol Data**
  - Flow Rate (GPM): 0.8
  - Pressure Drop (PSIG): 5.6

- **Energy Data**
  - *All glycol data based on 35% Propylene Glycol by weight, 20°F Supply Temperature, and 24°-26°F Outlet Temperature.*

- **Electricity Data**
  - Fan Motors (115V):
    - High Efficiency Electronic (SSC/ECM): 0.30 Amps, 11 Watts
    - Lighting System (120V):
      - LED Lighting (Zero Zone ChillBrite™ 5): 0.15 Amps, 18 Watts
    - Anti-Sweat Heat (115V):
      - No-Energy Doors (Zero Zone CoolView® Envision®): 0.16 Amps, 18 Watts
      - High Humidity Package (Zero Zone CoolView® Envision®): 0.57 Amps, 66 Watts
      - Solid Doors: 0.16 Amps, 18 Watts

**Notes:**
1. Baseline evaporator Btuh based on parallel rack system, LED lighting (Zero Zone ChillBrite® 5), no-energy doors (Zero Zone CoolView® Envision®), and SSC electronic fan motors.
2. For condensing units (non-rack system), multiply total Btuh rating by 1.08.
3. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
4. One fan motor per door.
5. Door (Anti-Sweat) Options: no-energy = no-heat glass and no-heat rails; heat option = heated glass, heated rails, and heated sill; solid doors = no-heat rails. All door options include mullion heat.
6. Anti-Sweat Controller required for the heat option to comply with DOE energy requirements.

### Physical Data

#### Baseline R-404A Refrigeration Piping

<table>
<thead>
<tr>
<th># of Doors</th>
<th>Weight (lbs.)</th>
<th>Facings (ft.²)</th>
<th>Case Capacity (ft.³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHCC30</td>
<td>RHCC30BB</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>720</td>
<td>27.8</td>
<td>51.0</td>
</tr>
<tr>
<td>3</td>
<td>970</td>
<td>41.4</td>
<td>76.0</td>
</tr>
<tr>
<td>4</td>
<td>1,280</td>
<td>55.1</td>
<td>101.0</td>
</tr>
<tr>
<td>5</td>
<td>1,585</td>
<td>68.7</td>
<td>125.9</td>
</tr>
</tbody>
</table>

#### Physical Data

<table>
<thead>
<tr>
<th>Outlet Size (in.)</th>
<th># of Doors</th>
<th>Weight (lbs.)</th>
<th>Facings (ft.²)</th>
<th>Case Capacity (ft.³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>2</td>
<td>720</td>
<td>27.8</td>
<td>51.0</td>
</tr>
<tr>
<td>3/8</td>
<td>3</td>
<td>970</td>
<td>41.4</td>
<td>76.0</td>
</tr>
<tr>
<td>3/8</td>
<td>4</td>
<td>1,280</td>
<td>55.1</td>
<td>101.0</td>
</tr>
<tr>
<td>1/2</td>
<td>5</td>
<td>1,585</td>
<td>68.7</td>
<td>125.9</td>
</tr>
<tr>
<td>3/8</td>
<td>Solid End Panel</td>
<td>30</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>3/8</td>
<td>Solid End Panel</td>
<td>60</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Specifications are subject to change without notice. All dimensions are nominal.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.