Crystal™ Merchandiser RVMC30DRL Deep Rear Load Specs

Medium Temp Deep Rear Load Reach-Ins with 30" x 74" CoolView™ Doors


**Note:** All Zero Zone display cases manufactured for shipment within the U.S. meet or exceed current DOE energy requirements.

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**ENERGY DATA**

<table>
<thead>
<tr>
<th>Component</th>
<th>Per Door Avg.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigeration 4</td>
<td></td>
</tr>
<tr>
<td>(see note #1 for components included in baseline Btuh)</td>
<td></td>
</tr>
<tr>
<td>Evaporator Temperature (°F)</td>
<td>28</td>
</tr>
<tr>
<td>Baseline Btuh 1,2</td>
<td>520</td>
</tr>
<tr>
<td>Discharge Air Temp. (°F) (w/ 8°F Superheat)</td>
<td>33</td>
</tr>
</tbody>
</table>

**Bluhs Adders**

<table>
<thead>
<tr>
<th>Component</th>
<th>Btuh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rail Heated Doors</td>
<td>10</td>
</tr>
<tr>
<td>Rail and Glass Heated Doors</td>
<td>40</td>
</tr>
<tr>
<td>Optional Glass Windowed End Panel (Each)</td>
<td>410</td>
</tr>
</tbody>
</table>

**Glycol Data**

- Flow Rate (GPM)
- Pressure Drop (PSIG)

*All glycol data based on 35% Propylene Glycol by weight, 20°F Supply Temperature, and 23°-24°F Outlet Temperature.

**LINEUP DATA**

**INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)**

<table>
<thead>
<tr>
<th>2-Door</th>
<th>3-Door</th>
<th>4-Door</th>
<th>5-Door</th>
</tr>
</thead>
<tbody>
<tr>
<td>2RVMC30DRL</td>
<td>3RVMC30DRL</td>
<td>4RVMC30DRL</td>
<td>5RVMC30DRL</td>
</tr>
<tr>
<td>Baseline Btuh</td>
<td>Baseline Btuh</td>
<td>Baseline Btuh</td>
<td>Baseline Btuh</td>
</tr>
<tr>
<td>1,2</td>
<td>520</td>
<td>1,650</td>
<td>2,180</td>
</tr>
<tr>
<td>33</td>
<td>33</td>
<td>33</td>
<td>33</td>
</tr>
</tbody>
</table>

**Fan Motors (115V)**

- High Efficiency Electronic (SSC/ECM)
- Lighting System (120V)
- LED Lighting (Zero Zone ChillBrite™)
- Anti-Sweat Door Heaters (115V)
- No-Energy Doors (Zero Zone CoolView™)
- Rail Heated Doors (Zero Zone CoolView™)
- Rail & Glass Heated Doors (Zero Zone CoolView™)

**Notes:**

1. Baseline Evaporator Btuh based on parallel rack system, LED Lighting (Zero Zone ChillBrite™), and SSC/ECM 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. Crystal™ Merchandiser Rear Load cases must be installed in front of the opening in a walk-in cooler.

**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Baseline R-404A Refrigeration Piping</th>
<th>Outlet Size (in.)</th>
<th># of Doors</th>
<th>Weight (lbs.)</th>
<th>Facings (ft.²)</th>
<th>Case Capacity Packout (ft.³) 24&quot;/27&quot; Shelves</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 or 3-Door Suction Line O.D. (Top Refrig.)</td>
<td>3/8</td>
<td>2</td>
<td>913</td>
<td>30.1</td>
<td>59.4</td>
</tr>
<tr>
<td>4 or 5-Door Suction Line O.D. (Top Refrig.)</td>
<td>1/2</td>
<td>3</td>
<td>1,034</td>
<td>44.9</td>
<td>88.5</td>
</tr>
<tr>
<td>Liquid Line O.D.</td>
<td>3/8</td>
<td>4</td>
<td>1,155</td>
<td>59.7</td>
<td>117.6</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5</td>
<td>1,277</td>
<td>74.4</td>
<td>146.8</td>
</tr>
<tr>
<td>Solid End Panel</td>
<td></td>
<td></td>
<td>31</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
Crystal™ Merchandiser RVMC30DRL Deep Rear Load Specs

Medium Temp Deep Rear Load Reach-Ins with 30" x 74" CoolView™ Doors

- # of Doors
- Length
- Drain Dim.

2 62 1/8" 31"
3 92 1/2" 46 1/4"
4 123" 61 1/2"
5 153 3/8" 76 3/4"

2 1/2" END PANEL STANDARD

6" MINIMUM SEE SOFFIT NOTE

82 1/2" FULL HEIGHT TRIM
82 1/2" FULL HEIGHT TRIM REMOVED

12" ON A 22" SHELF
14" ON A 24" SHELF
17" ON A 27" SHELF

74" NOMINAL DOOR HEIGHT
82 1/2" CASE HEIGHT

11 1/8" MAXIMUM CASE HEIGHT
59 3/8" CASE HEIGHT WIEG BOX
57 1/8" OPENING
69 7/8" INTERIOR HEIGHT
11" 7 1/2" 1/2 1/8

3 1/2" BASE
2 1/2" FLOOR TO CENTER OF DRAIN

- Door size: 30" x 74".
- All dimensions are nominal.
- Peg, gravity-feed, and other merchandising options available.
- Building soffits must be set back 6" from the front of the doors to allow for access to door hinges on the top of the case.
- Rear Load cases must be installed in front of the opening in a walk-in cooler.

Specifications are subject to change without notice.
Case designed to operate in an ambient temperature of 75°F and relative humidity of 55% or lower.