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GENERAL NOTES:
• "---" Indicates that the feature is not an option on this case model and/or the data is not yet available at this time.
• 7 13/16" toekick height (optional)

SHIPPING WEIGHT

<table>
<thead>
<tr>
<th>Case</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>PF-51-R</td>
<td>---</td>
</tr>
</tbody>
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2017 DOE COMPLIANT

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**ELECTRICAL DATA**

<table>
<thead>
<tr>
<th>Case Length</th>
<th>Fans Per Case</th>
<th>High Efficiency Fans</th>
<th>Anti-Condensate Fans</th>
<th>Drain Heaters</th>
<th>Optional Defrost Heaters</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>120 Volts Watts Amps</td>
<td>120 Volts Watts Amps</td>
<td>120 Volts Watts Amps</td>
<td>208 Volts Watts Amps</td>
</tr>
<tr>
<td>4'</td>
<td>2</td>
<td>0.60 72.0</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>6'</td>
<td>3</td>
<td>0.90 108.0</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>8'</td>
<td>3</td>
<td>0.90 108.0</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>10'</td>
<td>4</td>
<td>1.20 144.0</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>12'</td>
<td>4</td>
<td>1.20 144.0</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**LIGHTING DATA**

<table>
<thead>
<tr>
<th>Case Length</th>
<th>Lights Per Row</th>
<th>Light Length</th>
<th>Clearvoyant 4 LED Lighting (Per Light Row)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Standard Power (Cornice or Shelf)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>120 Volts Watts Amps</td>
</tr>
<tr>
<td>4'</td>
<td>1</td>
<td>4'</td>
<td>0.05 5.9</td>
</tr>
<tr>
<td>6'</td>
<td>2</td>
<td>3'</td>
<td>0.08 9.4</td>
</tr>
<tr>
<td>8'</td>
<td>2</td>
<td>4'</td>
<td>0.10 11.8</td>
</tr>
<tr>
<td>10'</td>
<td>2</td>
<td>5'</td>
<td>0.12 15.0</td>
</tr>
<tr>
<td>12'</td>
<td>3</td>
<td>4'</td>
<td>0.15 17.7</td>
</tr>
</tbody>
</table>

**GUIDELINES AND CONTROL SETTINGS (DX) (DIRECT EXPANSION HFC/CO2)**

<table>
<thead>
<tr>
<th>BTUH/ft</th>
<th>Superheat Set Point @ Bulb (°F)</th>
<th>Evaporator (°F)</th>
<th>Discharge Air Temperature (°F)</th>
<th>Discharge Air Velocity (FPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conventional</td>
<td>Parallel</td>
<td>930</td>
<td>6 - 8</td>
<td>24</td>
</tr>
</tbody>
</table>

**DEFROST CONTROLS (DIRECT EXPANSION HFC/CO2)**

<table>
<thead>
<tr>
<th>Defrosts Per Day</th>
<th>Electric Defrost Fail-Safe Time (Min)</th>
<th>Termination Temp (°F)</th>
<th>Timed-Off Defrost Fail-Safe Time (Min)</th>
<th>Termination Temp (°F)</th>
<th>Hot Gas Defrost Fail-Safe Time (Min)</th>
<th>Termination Temp (°F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>---</td>
<td>---</td>
<td>65/36†</td>
<td>42</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**NOTES:**

- "---" Indicates that the feature is not an option on this case model and/or the data is not yet available at this time.
- Listed BTUH indicates unlighted shelves. Add the following for lighted shelves:
  - 4' Shelf LED: 36 BTUH
  - 4' Canopy LED: 72 BTUH
  - 3' Shelf LED: 27 BTUH
  - 3' Hi-Output LED: 54 BTUH
- Listed discharge air velocity represents the average velocity at the peak of defrost.
- Discharge air temperature values represent readings taken within the upper air channel immediately behind/upstream of the honeycomb.
- Time-off duration for defrost with no termination control.

---

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19 5/16" [49.1 cm]  
VISUAL DISPLAY  
29 7/8" [75.9 cm]  
INTERIOR HEIGHT  
25 1/16" [63.7 cm]  
CASE HEIGHT  
51" [129.5 cm]  
ELECTRICAL RACEWAY  
21 5/8" [54.9 cm]  
6 5/16" [16.0 cm]  
3 5/16" [8.5 cm]  
33" [83.9 cm]  
42" [106.7 cm]  
21 11/16" [55.6 cm]  
VISUAL DISPLAY  
30" [76.3 cm]  
INTERIOR HEIGHT  
23 11/16" [60.1 cm]  
CASE HEIGHT  
51" [129.5 cm]  
ELECTRICAL RACEWAY  
3 5/16" [8.5 cm]  
33" [83.9 cm]  
42" [106.7 cm]  
7 13/16" [19.8 cm]  
23 1/8" [58.7 cm]  
VISUAL DISPLAY  
28 11/16" [72.8 cm]  
INTERIOR HEIGHT  
21 5/8" [54.9 cm]  
CASE HEIGHT  
51" [129.5 cm]  
ELECTRICAL RACEWAY  
3 5/16" [8.5 cm]  
33" [83.9 cm]  
42" [106.7 cm]  
6" [15.2 cm]  
13" [33.0 cm]  
POWER SUPPLY  
6" [15.2 cm]  
15" X 15" MECHANICAL ACCESS  
TOEKICK  
48 1/2" [123.2 cm] [4' case]  
72 1/2" [184.2 cm] [6' case]  
96 1/2" [245.1 cm] [8' case]  
120 1/2" [305.1 cm] [10' case]  
144 1/2" [367.0 cm] [12' case]  
FRONT OF CASE  
TOEKICK

ENGI<511001>NEERED FOR STORES WITH AMBIENT CONDITIONS NOT TO EXCEED 75°F AND 55% RELATIVE HUMIDITY. DUE TO ENGINEERING IMPROVEMENTS SPECIFICATIONS MAY CHANGE WITHOUT NOTICE. ALL MEASUREMENTS ARE TAKEN PER ASHRAE-72 SPECIFICATIONS.

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**PF-51-R**

**Self-Service Open Muti-Deck Merchandiser**

4', 6', 8', 10' & 12' (Bakery/Beverage/Cheese/Deli)

**6 15/16" TOEKICK**

**7 13/16" TOEKICK (OPTIONAL)**