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.
- (SFC) Small Format Channel offering is wired for undershelf lighting.

SHIPPING WEIGHT

<table>
<thead>
<tr>
<th>Case</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVI-3-304S/305S-EC</td>
<td>---</td>
</tr>
</tbody>
</table>

HVI-3-304S/305S-EC

Rev. Date | Rev. # | Rev. Title
----------|--------|------------
03-15-22  | 3      | DATA UPDATE
09-24-21  | 2      | DATA UPDATE
## SYSTEM REQUIREMENTS

<table>
<thead>
<tr>
<th>Case Length</th>
<th>Volts</th>
<th>Phase</th>
<th>Total Amps</th>
<th>Minimum Circuit Ampacity</th>
<th>Maximum Overcurrent Protection</th>
</tr>
</thead>
<tbody>
<tr>
<td>304</td>
<td>120/208</td>
<td>1</td>
<td>16.21/14.64</td>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>305</td>
<td>120/208</td>
<td>1</td>
<td>16.21/14.64</td>
<td>20</td>
<td>25</td>
</tr>
</tbody>
</table>

## 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 Pumps</th>
<th>Evaporator Pan Heaters</th>
<th>Auxiliary Fans</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>120 Volts</td>
<td>120 Volts</td>
<td>120 Volts</td>
<td>208 Volts</td>
<td>120 Volts</td>
</tr>
<tr>
<td>304</td>
<td>4</td>
<td>1.20</td>
<td>144</td>
<td>---</td>
<td>---</td>
<td>7.20</td>
</tr>
<tr>
<td>305</td>
<td>4</td>
<td>1.20</td>
<td>144</td>
<td>---</td>
<td>---</td>
<td>7.20</td>
</tr>
</tbody>
</table>

## LIGHTING DATA

<table>
<thead>
<tr>
<th>Case Length</th>
<th>Light Length (Lights Per Row)</th>
<th>Clearvoyant 4 LED Lighting (Per Light Row)</th>
<th>Clearvoyant 4 LED Lighting (Per Light Row)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Standard Power (Comice)</td>
<td>Standard Power (Shelf)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>120 Volts</td>
<td>120 Volts</td>
</tr>
<tr>
<td>304</td>
<td>8.5'</td>
<td>0.13</td>
<td>14.2</td>
</tr>
<tr>
<td>305</td>
<td>8.5'</td>
<td>0.13</td>
<td>14.2</td>
</tr>
</tbody>
</table>

## GUIDELINES AND CONTROL SETTINGS

<table>
<thead>
<tr>
<th></th>
<th>24hr Energy Usage (kWh/ft)</th>
<th>Suction Temperature @ Case Outlet (°F)</th>
<th>Superheat Set Point @ Bulb (°F)</th>
<th>Discharge Air Temperature (°F)</th>
<th>Discharge Air Velocity (FPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>---</td>
<td>26</td>
<td>10</td>
<td>32</td>
<td>150</td>
</tr>
</tbody>
</table>

## CONDENSING UNIT DATA

<table>
<thead>
<tr>
<th>Case Length</th>
<th>Volts</th>
<th>Phase</th>
<th>HP</th>
<th>RLA (Amps)</th>
<th>LRA (Amps)</th>
<th>Refrig.</th>
<th>Condenser Fans</th>
<th>Lbs. of Refrig.</th>
</tr>
</thead>
<tbody>
<tr>
<td>304</td>
<td>208</td>
<td>1</td>
<td>1.5</td>
<td>6.70</td>
<td>51.00</td>
<td>404a</td>
<td>0.74</td>
<td>35</td>
</tr>
<tr>
<td>305</td>
<td>208</td>
<td>1</td>
<td>1.5</td>
<td>6.70</td>
<td>51.00</td>
<td>404a</td>
<td>0.74</td>
<td>35</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 discharge air velocity represents the average velocity at the peak of defrost.
- RLA - Running Load Amps
- LRA - Locked Rotor Amps
### DEFROST CONTROLS

<table>
<thead>
<tr>
<th>Defrosts Per Day</th>
<th>Electric Defrost</th>
<th>Timed-Off Defrost</th>
<th>Hot Gas Defrost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Run-Off Time (Min)</td>
<td>Fail-Safe (Min)</td>
<td>Termination Temp (°F)</td>
</tr>
<tr>
<td>6</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
</tbody>
</table>

**Electric Defrost**
- Run-Off Time (Min): ---
- Fail-Safe (Min): ---
- Termination Temp (°F): ---

**Timed-Off Defrost**
- Run-Off Time (Min): ---
- Fail-Safe (Min): 30
- Termination Temp (°F): 42

**Hot Gas Defrost**
- Run-Off Time (Min): ---
- Fail-Safe (Min): ---
- Termination Temp (°F): ---

---

**HVI-3-304S/305S-EC**

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HVI-3-304S/305S-EC
Self-Service Open Multi-Deck End Cap Island Merchandiser
304 & 305 (Bakery/Beverage/Deli/Produce)

CASTER OPTION

CURVED END OPTION

1-1/2" PLEX PRODUCT STOP
(OPTIONAL)

LOAD LIMIT

CASE HEIGHT
63 1/2" [161.3 cm]
28 7/8" [73.3 cm]
17 5/16" [44.0 cm]
16 1/2" [41.8 cm]

48" [121.9 cm]
60" [152.4 cm]
36" [91.4 cm]
30 1/8" [76.4 cm]

TOEKICK

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

HILLPHOENIX REFRIGERATED DISPLAY CASES FOR SALE IN THE UNITED STATES MEET OR EXCEED DEPARTMENT OF ENERGY 2017 REQUIREMENTS. NUMBERS ARE BASED ON STANDARD CASE SIZES. CONSULT ENGINEERING.

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<td>2</td>
<td>DATA UPDATE</td>
</tr>
</tbody>
</table>
NOTES:
- Shown with the radius end.

HVI-3-304S/305S-EC
Self-Service Open Multi-Deck End Cap Island Merchandiser
304 & 305 (Bakery/Beverage/Deli/Produce)

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