<table>
<thead>
<tr>
<th>ENERGY DATA</th>
<th>LINEUP DATA</th>
<th>INDIVIDUAL CASE DATA (Includes 1 Pair of End Panels)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Refrigeration (see note #1 for components included in baseline Btuh)</td>
<td>Per Door Avg.</td>
<td>2-Door</td>
</tr>
<tr>
<td>Baseline Btuh 1, 2, 3</td>
<td>-940</td>
<td>1,015</td>
</tr>
<tr>
<td>Baseline Btuh 1, 2, 3</td>
<td>-940</td>
<td>1,015</td>
</tr>
</tbody>
</table>

**Btuh Deducts**

- **Back-To-Back (Model BB)**
  - F.F.: -75
  - I.C.: -85

- **No-Energy Doors**
  - F.F.: -50
  - I.C.: -50

**Btuh Adders**

- **Permanent Split Capacitor (PSC)**
  - 40

- **T-8 Electronic Lighting**
  - 120

- **Standard-Energy Doors**
  - 200

- **ELM HG2 (w/ Heated Glass)**
  - 55

- **Optional Glass-Windowed End Panel - Each**
  - 900

**Fan Motors (115V)**

- **High Efficiency Electronic (SSC/ECM)**
  - 0.30 | 20

- **Permanent Split Capacitor (PSC)**
  - 0.26 | 30

**Lighting System (120V)**

- **LED Lighting (Anthony Optimax Pro24 Low Power)**
  - 0.15 | 18

- **T-8 Electronic Lighting**
  - 0.58 | 70

**Anti-Sweat Door Heaters (115V)**

- **Anthony 101 (Standard-Energy Doors)**
  - 1.59 | 183

- **Anthony ELM HG2 (w/ Heated Glass)**
  - 0.91 | 104

- **Anthony ELM (Low-Energy Doors)**
  - 0.81 | 93

- **Anthony ELM II (No-Energy Doors)**
  - 0.79 | 91

**Defrost Heaters (208V)**

- **Defrost Heater**
  - 4.00 | 832

**Notes:**

1. Baseline Evaporator Btuh based on parallel rack system, LED lighting (Optimax Pro24 Low Power), low-energy doors (ELM), and SSC electronic fan motors.
2. Door Options: Standard-Energy and ELM HG2 w/ Heated Glass = heated glass and rails; Low-Energy = no-hea glass and heated rails; No-Energy = no-heat glass and no heat rails. All options have frame heat.
3. For condensing units (non-rack system), multiply total Btuh rating by 1.06.
4. Amps are based on electrical nameplate values, watts are based on laboratory observations of actual energy use.
5. One fan motor per door.
6. Electric Defrost: 1 per day. 19 minutes frozen food. 28 minutes ice cream. Failsafe 45 minutes. Refer to the Installation & Operation Manual for details.
7. Hot Gas Defrost: 1 per day. 12 to 22 minutes. Failsafe 30 minutes. Refer to the Installation & Operation Manual for details.

**PHYSICAL DATA**

<table>
<thead>
<tr>
<th>Baseline R-404A Refrigeration Piping</th>
<th>Outlet Size (in.)</th>
<th>Number of Doors</th>
<th>Weight (lbs.)</th>
<th>Case Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suction Line O.D. (Std. Refrig. Exit)</td>
<td>7/8</td>
<td>2</td>
<td>675</td>
<td>27.8</td>
</tr>
<tr>
<td>2 to 5-Door Suction Line O.D. (Top Refrig)</td>
<td>5/8</td>
<td>3</td>
<td>925</td>
<td>41.4</td>
</tr>
<tr>
<td>Liquid Line O.D. (Electric Defrost)</td>
<td>3/8</td>
<td>4</td>
<td>1,235</td>
<td>55.1</td>
</tr>
<tr>
<td>Liquid Line O.D. (Hot Gas Defrost)</td>
<td>1/2</td>
<td>5</td>
<td>1,575</td>
<td>68.7</td>
</tr>
<tr>
<td>End Panel</td>
<td></td>
<td></td>
<td>30</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Notes:**

1. Effective 1/1/12, all Zero Zone display cases manufactured for shipment within the U.S. meet or exceed current DOE energy requirements.
Top refrigeration connections or top electrical connections increase case height by up to 4 inches.
BB (Back-to-Back) available in 2, 3, 4, and 5-door sizes.
End Panels and Insulated Dividers = 2 1/2”.
All dimensions are nominal.