Standard Features:

- **ETL listed** to UL1995 & CAN/CSA C22.2 No. 236-11, 4th edition, 10/14/2011
- **Single point power connection**
- **Pentra Microsmart, Programmable Logic Controller (PLC)** with easy to use HMI touch screen display
- **STAINLESS STEEL**, brazed plate evaporator
- **Scroll compressor with crankcase heater**
- **Suction accumulator**
- **Water flow switch**
- **Hot gas by-pass capacity control**
- **24V control transformer**
- **Direct drive condenser fan motor**
- **Rust resistant, high CFM, aluminum condenser fan blade**
- **Condenser(s):** copper tube/aluminum fin
- **Compressor motor contactor**
- **Condenser motor and control circuit fusing**
- **Painted (Powder Coated), galvanized sheet metal cabinet**
- **1/2” insulation on all water and low pressure refrigerant lines**
- **Liquid line drier, sight glass, solenoid, TXV**
- **Complete refrigerant charge from factory**
- **Factory Performance Test prior to shipment**
- **Extended warranty:** See your quote or latest IOM booklet revision

**Tank**

- **STAINLESS STEEL** storage tank with 1/2 inch insulation
- **Fused, STAINLESS STEEL**, re-circulation pump for tank operation with ball valve and cleanable strainer
- **Tank pressure relief valve, vent and drain hose bibs**

**Options:**

- **Copeland Digital Scroll Compressor**
- **Remote Idec touchscreen control panel**
- **Industrial VPN Router**
- **5 Port Ethernet Switch**
- **BacNet Gateway**
- **Process Pump VFD Controller**
- **VFD Compressor Control** on primary compressor
- **4 year extended compressor warranty**
- **Casters (factory mounted)**
- **115 volt (rain tight) service outlet**
- **Non Fused Disconnect**
- **115 volt (rain tight) service outlet**
- **Casters (factory mounted)**
- **115 volt (rain tight) service outlet**
- **Auto Tank Fill**

**Easy to Use Touch Screen Display on all Legacy Chiller Models**

**Standard on all Legacy Chiller Models:**

- Pentra Microsmart, Programmable Logic Controller (PLC) with HMI Touch Screen Display.

**OC Refrigerant Connections:**

- Discharge Line - 3/4” (2), Liquid Line - 1/2” (2)
**PRODUCT DATA SHEET**

**Model: IEZAT9D**  
*Split-System Air-Cooled 9 Ton Chiller*

---

### Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Power</th>
<th>Compressor</th>
<th>FLA ea.</th>
<th>M.O.P</th>
<th>Fan Motor</th>
<th>Recirculation Pump FLA</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEZAT9D05</td>
<td>75</td>
<td>34</td>
<td>70</td>
<td>208/230V</td>
<td>1 60Hz</td>
<td>27.1</td>
<td>3.8</td>
<td>7.9</td>
<td>80 100</td>
</tr>
<tr>
<td>IEZAT9D05</td>
<td>75</td>
<td>34</td>
<td>70</td>
<td>208/230V</td>
<td>3 60Hz</td>
<td>18.6</td>
<td>3.8</td>
<td>7.9</td>
<td>60 70</td>
</tr>
<tr>
<td>IEZAT9D05</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>8.0</td>
<td>63</td>
<td>1.5</td>
<td>2.5</td>
<td>25</td>
<td>30</td>
</tr>
<tr>
<td>IEZAT9D05</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>6.3</td>
<td>50</td>
<td>1.72</td>
<td>1.5</td>
<td>20</td>
<td>25</td>
</tr>
</tbody>
</table>

**Capacity Table (Refrigerant R407C)**

<table>
<thead>
<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
<th>80°F</th>
<th>90°F</th>
<th>95°F</th>
<th>100°F</th>
<th>105°F</th>
</tr>
</thead>
<tbody>
<tr>
<td>9D</td>
<td>ZB38KCE</td>
<td>42.0</td>
<td>7.9</td>
<td>7.8</td>
<td>11.4</td>
<td>7.5</td>
<td>8.5</td>
</tr>
<tr>
<td>44.0</td>
<td>8.2</td>
<td>7.8</td>
<td>11.7</td>
<td>7.8</td>
<td>8.6</td>
<td>10.3</td>
<td>7.6</td>
</tr>
<tr>
<td>45.0</td>
<td>8.4</td>
<td>7.9</td>
<td>11.9</td>
<td>8.0</td>
<td>8.7</td>
<td>10.4</td>
<td>7.8</td>
</tr>
<tr>
<td>50.0</td>
<td>9.3</td>
<td>8.1</td>
<td>12.6</td>
<td>8.9</td>
<td>8.9</td>
<td>11.2</td>
<td>8.7</td>
</tr>
</tbody>
</table>

* Requires the use of glycol.

---

### Product Dimensional Drawing

---

© Property of Legacy Chiller Systems, Inc.