**Model:** IEZAT10D  
**Split-System Air-Cooled 10 Ton Chiller**

### 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**

### 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**
- **Phase Monitor, line voltage monitor offering protection against phase loss/reversal, unbalance and hi/lo voltage**
- **Compressor fusing**
- **Compressor Sound Cover**
- **Factory installed evaporator heat tape freeze protection**
- **Low flow by-pass valve**
- **Fused, STAINLESS STEEL process pump**
- **Dual system pump with manual changeover (some models)**
- **Dual system pump with auto changeover (some models)**
- **Pump suction isolation valve**
- **Water pressure gauge set**
- **Water Flow Meter**
- **Auto city water changeover panel with filter**
- **Door Mounted HMI with weather proof cover**

### Tank Options:
- **Storage tank sight glass**
- **Tank low liquid level indicator with dry contacts**
- **Auto Tank Fill**

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Model: IEZAT10D
Split-System Air-Cooled 10 Ton Chiller

Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
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<td>75</td>
<td>34</td>
<td>70</td>
<td>208/230V, 3 Ph, 60 Hz</td>
<td>2</td>
<td>18.6 (6)</td>
<td>3.8 (7)</td>
<td>156</td>
<td>7.9</td>
<td>60</td>
<td>70</td>
<td>156</td>
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<td>60Hz</td>
<td>460V</td>
<td>3 Ph, 60 Hz</td>
<td>10.3 (75)</td>
<td>1.5 (25)</td>
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<td>2.5</td>
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<td>3</td>
<td>60Hz</td>
<td>575V</td>
<td>3 Ph, 60 Hz</td>
<td>7.1 (54)</td>
<td>1.72 (25)</td>
<td>1.5 (25)</td>
<td>1.5</td>
<td>25</td>
<td></td>
<td>70</td>
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* = Requires the use of glycol. Capacity Table (Refrigerant R407C)

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<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>
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<td>10.7</td>
<td>11.6</td>
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</table>

1. Capacities on this chart are based on refrigerant R407C. Lower leaving water or low ambient can require the use of a glycol solution or other fluid blends. These solutions affect unit capacities. Please consult the factory on these or other special fluids.
2. KW input is for compressor(s) only.
3. EER = Energy Efficiency Ratio (BTU/watt-hour). Power inputs include compressor(s), condenser fan motor(s) and control power.

Product Dimensional Drawing

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