### 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 Options:
- **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 Fuse 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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**Legacy Chiller Systems**
851 Tech Drive
Telford, PA 18969
Toll-Free: (877) 988-5464

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**PRODUCT DATA SHEET**

**Model: IEZAT7D**  
*Split-System Air-Cooled*  
*7 Ton Chiller*

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### Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length Inches</th>
<th>Width Inches</th>
<th>Height Inches</th>
<th>Power</th>
<th>Compressor</th>
<th>Refrigerant R407C</th>
<th>Fan Motor</th>
<th>Recirculation Pump FLA</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Reservoir Gal.</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
<th>Condenser Model</th>
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</thead>
<tbody>
<tr>
<td>IEZAT7DE5</td>
<td>75</td>
<td>34</td>
<td>70</td>
<td>208/230V 1 60Hz</td>
<td>21.8</td>
<td>6.6</td>
<td>70</td>
<td>80</td>
<td>50</td>
<td>1.25&quot; FPT</td>
<td>1350</td>
<td>OC7D</td>
<td></td>
<td></td>
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<tr>
<td>IEZAT7DF5</td>
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<td>70</td>
<td>208/230V 3 60Hz</td>
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<td>60</td>
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<td>OC7D</td>
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<td>IEZAT7DH5</td>
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<td>OC7D</td>
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<td></td>
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<td>70</td>
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<td>OC7D</td>
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* = Requires the use of glycol.

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### Capacity Table (Refrigerant R407C)

<table>
<thead>
<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT (0^\circ)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>7D</td>
<td>ZS29KAE</td>
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<td>45.0</td>
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<td>7.4</td>
<td>10.9</td>
<td>7.0</td>
<td>8.1</td>
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### Product Dimensional Drawing