### 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 Bypass Capacity Control**
- **24V control transformer**
- **Control circuit fusing**
- **Compressor motor contactor**
- **Painted - Powder Coated (Most Models), galvanized sheet metal cabinet**
- **1/2” insulation on all water and 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 booket 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 bbs**

### 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**
- **Condenser water regulating valve**
- **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**
- **Stainless steel, SCH80 PVC or Polypropylene piping for deionized and reverse osmosis water systems**
- **Door Mounted HMI with weather proof cover**

### Tank Options
- **Storage tank sight glass**
- **Tank low liquid level indicator with dry contacts**
- **Auto Tank Fill**
Model: IEZAT7S
Split-System Air-Cooled
7 Ton Chiller

with Stainless Steel Tank

Dimensional & Electrical Table (Single Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Height</th>
<th>Width</th>
<th>Power</th>
<th>Compressor</th>
<th>LWT</th>
<th>Phase</th>
<th>LRA</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 LBS</th>
<th>Condenser Sel</th>
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<tbody>
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<td>34</td>
<td>70</td>
<td>208/230V 3</td>
<td>3</td>
<td>60Hz</td>
<td>28.8</td>
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<td>3.8</td>
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<td>70</td>
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<td>1.5</td>
<td>1.4</td>
<td>30</td>
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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>
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<th>105°F</th>
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* = Requires the use of glycol.

Product Dimensional Drawing

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