**Product Data Sheet**

**Model:** IEZAT7S  
**Split-System Air-Cooled 7 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 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 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  
- 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

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Easy to Use  
Touch Screen Display  
on all Legacy Chiller Models

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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>Power</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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<tr>
<td></td>
<td>Voltage</td>
<td>Phase</td>
<td>Frequency</td>
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<td>TONS</td>
<td>KW</td>
<td>EER</td>
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* = Requires the use of glycol.

Capacity Table (Refrigerant R407C)

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<th>Model</th>
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<th>LWT °F</th>
<th>80°F</th>
<th>90°F</th>
<th>95°F</th>
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Product Dimensional Drawing