Model: IEZAT7D

Split-System, Air-Cooled 7 Ton Chiller

with Stainless Steel Tank

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
- 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
- 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
**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>RLA ea.</th>
<th>LRA ea.</th>
<th>Fan Motor Qty</th>
<th>FLA</th>
<th>Condensation 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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<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>137</td>
<td>2</td>
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<td>6.6</td>
<td>70</td>
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**Capacity Table (Refrigerant R407C)**

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<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>
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<td>TONS</td>
<td>KW</td>
<td>EER</td>
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<td>KW</td>
<td>EER</td>
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<td>ZS29KAE</td>
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* Requires the use of glycol.