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

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**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**
- 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

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**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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**PRODUCT DATA SHEET**

**Model: IEZAT10D**  
**Split-System Air-Cooled**  
**10 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>LWT °F</th>
<th>RLA ea.</th>
<th>HP</th>
<th>Fan Motor Qty</th>
<th>Recirculation Pump FLA</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>IEZAT10DF5</td>
<td>75</td>
<td>34</td>
<td>70</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>2</td>
<td>6</td>
<td>16.6</td>
<td>156</td>
<td>3.8</td>
<td>7.9</td>
<td>60</td>
<td>70</td>
<td>1.25&quot; FPT</td>
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<tr>
<td>IEZAT10DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>10.3</td>
<td>75</td>
<td>3.8</td>
<td>7.9</td>
<td>60</td>
<td>1.5</td>
<td>2.5</td>
<td>30</td>
<td>35</td>
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<td>60Hz</td>
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* = Requires the use of glycol.

**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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<tr>
<td></td>
<td></td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
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<td>9.7</td>
<td>13.2</td>
<td>10.9</td>
<td>10.7</td>
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**Product Dimensional Drawing**

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