**Model: IEZAT2S**

**Split-System Air-Cooled**

**2 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 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

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### Options:

- 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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Model: **IEZAT2S**

**Split-System Air-Cooled 2 Ton Chiller**

*with Stainless Steel Tank*

### Dimensional & Electrical Table (Single Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Power</th>
<th>Compressor</th>
<th>RLA ea.</th>
<th>LRA ea.</th>
<th>Fan Motor FLA</th>
<th>Cond. FLA</th>
<th>M.O.P</th>
<th>Reservoir Gal</th>
<th>Chiller Fluid Conn.</th>
<th>Weight LBS</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEZAT2SES</td>
<td>36</td>
<td>34</td>
<td>65</td>
<td>208/230V</td>
<td>60Hz</td>
<td>1</td>
<td>2.5</td>
<td>14.1</td>
<td>3.8</td>
<td>4.2</td>
<td>30</td>
<td>40</td>
<td>OC2S</td>
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<tr>
<td>IEZAT2SF5</td>
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<td></td>
<td></td>
<td>208/230V</td>
<td>3 60Hz</td>
<td>9.9</td>
<td>73</td>
<td>9.7</td>
<td>3.8</td>
<td>4.2</td>
<td>25</td>
<td>30</td>
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<td></td>
<td>460V</td>
<td>3 60Hz</td>
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<td>38</td>
<td>8.1</td>
<td>1.5</td>
<td>0.9</td>
<td>15</td>
<td>15</td>
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<tr>
<td>IEZAT2SI5</td>
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<td></td>
<td></td>
<td>575V</td>
<td>3 60Hz</td>
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<td>7.6</td>
<td>1.7</td>
<td>0.72</td>
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<td>15</td>
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</table>

### Capacity Table (Refrigerant R407C)

<table>
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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>
<th>100°F</th>
<th>105°F</th>
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<td>2S</td>
<td>ZS19KAE</td>
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<td>2.1</td>
<td>2.1</td>
<td>9.7</td>
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</tbody>
</table>

* = Requires the use of glycol.

### Product Dimensional Drawing

[Diagram of the chiller with dimensions and specifications provided in the text.]