Model: IEZAT3S  Split-System, Air-Cooled 3 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 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
- 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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Split-System, Air-Cooled 3 Ton Chiller

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### Product Dimensional Drawing

**BASE RAIL LAYOUT**

**TOP VIEW**

**LEFT SIDE VIEW**

**FRONT VIEW**

**RIGHT SIDE VIEW**

### 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</th>
<th>Recirculation Pump FLA</th>
<th>Condenser Selection</th>
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<tbody>
<tr>
<td>IEZAT3S 3S</td>
<td>30</td>
<td>34</td>
<td>65</td>
<td>208/230V</td>
<td>1 60Hz</td>
<td>21.8</td>
<td>137</td>
<td>3.8</td>
<td>4.2</td>
<td>40 50</td>
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<tr>
<td>IEZAT3S 5S</td>
<td>36</td>
<td>34</td>
<td>65</td>
<td>208/230V</td>
<td>3 60Hz</td>
<td>15.4</td>
<td>114</td>
<td>3.8</td>
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<td>30 40</td>
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<td>460V</td>
<td>3 60Hz</td>
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<td>0.9</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>
<th>100°F</th>
<th>105°F</th>
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* Requires the use of glycol.