**PRODUCT DATA SHEET**

**Model: IEZA4S**

*Split-System Air-Cooled 4 Ton Chiller*

**Legacy Chiller Systems**

851 Tech Drive
Telford, PA 18969
Toll-Free: (877) 988-5464

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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 booket revision

**Options:**

- Remote Idc touchscreen control panel
- Industrial VPN Router
- 5 Port Ethernet Switch
- BacNet Gateway
- Process Pump VFD Controller
- VFD Compressor Control
- 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 High/Low voltage
- Compressor fusing
- Compressor Sound Cover
- Flooded cond. w/receiver/head pressure control (0°F)
- Heated, flooded cond. w/receiver/head pressure Water flow meter control (-20°F)
- Dual process pump with auto changeover
- Pump suction isolation valve
- Water pressure gauge set
- Copper finned condenser coil (coastal protection)
- Coastal poweder coat paint protection
- E-Coat Condenser Coil (coastal protection)
- Water Flow Meter
- Auto city water changeover panel with filter
- Stainless steel, SCH80 PVC or Polypropylene piping for deionize and reverse osmosis water systems
- Door Mounted HMI with weather proof cover

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## 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. Qty.</th>
<th>LRA ea. Qty.</th>
<th>Fan Motor MCA Qty.</th>
<th>FLA</th>
<th>Chiller Fluid Conn.</th>
<th>Weight LBS.</th>
<th>Condenser Selection</th>
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</thead>
<tbody>
<tr>
<td>IEZA4S5</td>
<td>44</td>
<td>28</td>
<td>36</td>
<td>208/230V 1 60Hz</td>
<td>27.1 175 1 5</td>
<td>18.6 128</td>
<td>8.0 63</td>
<td>1.72 15 15</td>
<td>550</td>
<td>OC4S</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEZA4SF5</td>
<td>208/230V 3 60Hz</td>
<td>208/230V 3 60Hz</td>
<td>460V 3 60Hz</td>
<td>575V 3 60Hz</td>
<td>27.1 175 1 5</td>
<td>18.6 128</td>
<td>8.0 63</td>
<td>1.72 15 15</td>
<td>550</td>
<td>OC4S</td>
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</table>

### OC4S (Outdoor Condenser Specs)

<table>
<thead>
<tr>
<th>Condenser Model</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Fan Motor Qty.</th>
<th>Refrigerant Connections Discharge Liquid</th>
<th>Weight / lbs.</th>
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</thead>
<tbody>
<tr>
<td>OC4S</td>
<td>46</td>
<td>34</td>
<td>47</td>
<td>1/2</td>
<td>3/4&quot;, 1/2&quot;</td>
<td>225</td>
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</table>

## Capacity Table (Refrigerant R407C)

<table>
<thead>
<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
<th>80°F TONS KW EER</th>
<th>90°F TONS KW EER</th>
<th>95°F TONS KW EER</th>
<th>100°F TONS KW EER</th>
<th>105°F TONS KW EER</th>
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<tbody>
<tr>
<td>4S</td>
<td>ZB38KCE</td>
<td>42.0</td>
<td>4.2 4.0 10.9</td>
<td>4.0 4.4 9.5</td>
<td>3.9 4.6 8.9</td>
<td>3.8 4.8 8.3</td>
<td>3.7 5.1 7.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>4.4 4.0 11.2</td>
<td>4.2 4.4 9.8</td>
<td>4.1 4.6 9.2</td>
<td>3.9 4.9 8.6</td>
<td>3.8 5.1 8.0</td>
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<td>45.0</td>
<td>4.5 4.0 11.3</td>
<td>4.3 4.4 9.9</td>
<td>4.2 4.7 9.3</td>
<td>4.0 4.9 8.7</td>
<td>3.9 5.2 8.1</td>
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<td>50.0</td>
<td>4.9 4.2 12.1</td>
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<td>4.4 5.0 9.4</td>
<td>4.3 5.3 8.7</td>
</tr>
</tbody>
</table>

## Product Dimensional Drawing

![Product Dimensional Drawing](image-url)