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 Tank**
- **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**
- **Extended warranty**: See your quote or latest IOM booklet revision

Options:

- **Remote Idec touchscreen control panel**
- **Industrial VPN Router**
- **5 Port Ethernet Switch**
- **BacNet Gateway**
- **Process Pump VFD Controller**
- **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 powder coat paint protection**
- **E-Coat Condenser Coil (coastal protection)**
- **Water Flow Meter**
- **Auto city water make up solenoid & auto level switch**
- **Auto city water changeover panel with filter**
- **Stainless steel, SCH80 PVC or Polypropylene piping for deionize and reverse osmosis water systems**
- **Storage tank sight glass**
## Model: PZAT2S
### Packaged Air-Cooled 2 Ton Chiller

**with Stainless Steel Tank**

### Dimensional & Electrical Table

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Power</th>
<th>Compressor</th>
<th>RLA</th>
<th>LRA</th>
<th>Fan Motor</th>
<th>Recirculation</th>
<th>Pump FLA</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Reservoir Gal.</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZAT2SE5</td>
<td>36</td>
<td>34</td>
<td>68</td>
<td>208/230V</td>
<td>1</td>
<td>60Hz</td>
<td>14.1</td>
<td>75</td>
<td>3.8</td>
<td>4.2</td>
<td>30</td>
<td>40</td>
<td>20</td>
<td>1&quot; FPT</td>
<td>650</td>
</tr>
<tr>
<td>PZAT2SF5</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>9.9</td>
<td>73</td>
<td>1</td>
<td>3.8</td>
<td>4.2</td>
<td>25</td>
<td>30</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZAT2SH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>5.1</td>
<td>38</td>
<td>1</td>
<td>1.5</td>
<td>0.9</td>
<td>15</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZAT2SI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>3.8</td>
<td>28</td>
<td>1</td>
<td>1.72</td>
<td>0.72</td>
<td>15</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Capacity Table (Refrigerant R407C)

<table>
<thead>
<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>
</tr>
</thead>
<tbody>
<tr>
<td>2S</td>
<td>ZS19KAE</td>
<td>42.0</td>
<td>1.9</td>
<td>1.9</td>
<td>9.7</td>
<td>1.8</td>
<td>2.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>2.0</td>
<td>1.9</td>
<td>10.0</td>
<td>1.9</td>
<td>2.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45.0</td>
<td>2.0</td>
<td>1.9</td>
<td>10.2</td>
<td>1.9</td>
<td>2.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>2.2</td>
<td>1.9</td>
<td>10.9</td>
<td>2.1</td>
<td>2.1</td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

### Product Dimensional Drawing

[Product Dimensional Drawing Image]

© Property of Legacy Chiller Systems, Inc.