**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**
- **Noncorrosive polyethylene storage tank with 1/2” insulation**
- **Fused, STAINLESS STEEL Process pump w/ discharge ball valve**
- **Low flow by-pass valve**
- **Water flow switch**
- **Hot Gas Bypass Capacity Control**
- **24V control transformer**
- **Direct drive condenser fan motor**
- **Rust resistant, high CFM, aluminum condenser fan blade**
- **Condenser (Air cooled): copper tube/aluminum fin**
- **Compressor motor, Condenser fan and process pump contactors**
- **Condenser motor, Process pump and control circuit fusing**
- **Casters (factory mounted)**
- **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**

**Options:**

- Remote Idec touchscreen control panel
- Industrial VPN Router
- 5 Port Ethernet Switch
- BacNet Gateway
- Process Pump VFD Controller
- VFD Compressor Controller
- 4 year extended compressor warranty
- E-Coat condenser coating (Air Cooled Models)
- 115 volt (rain tight) service outlet
- Fused Disconnect
- 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
- Process pump suction isolation valve
- Water pressure gauge set
- Stainless steel, SCH80 PVC or Polypropylene piping for de-ionized and reverse osmosis water systems
- Storage Tank Sight Glass
- Tank low fluid level indicator
- Tank auto city water make up solenoid & auto level switch
- Coastal powder coat paint protection
- Custom powder coat paint color scheme (Company Colors & more)
- Weather Proof HMI Cover
**Model: PZAPT5S**

**Packaged Air-Cooled Portable 5 Ton Chiller**

### 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 as.</th>
<th>LRA as.</th>
<th>Qty.</th>
<th>FLA.</th>
<th>Pump MCA</th>
<th>M.O.P</th>
<th>Process Pump HP</th>
<th>Reservoir Gal.</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZAPT5S/SF5</td>
<td>46</td>
<td>34</td>
<td>53</td>
<td>208/230V 3 60Hz</td>
<td>18.6</td>
<td>156</td>
<td>3.8</td>
<td>7.9</td>
<td>35</td>
<td>1.5</td>
<td>21</td>
<td>1&quot; FPT</td>
<td>475</td>
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<td></td>
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<tr>
<td>PZAPT5S/H5</td>
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<td></td>
<td></td>
<td>460V 3 60Hz</td>
<td>10.3</td>
<td>75</td>
<td>2.5</td>
<td>4.2</td>
<td>20</td>
<td>1.5</td>
<td>15</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZAPT5S/SI5</td>
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<td></td>
<td></td>
<td>575V 3 60Hz</td>
<td>7.1</td>
<td>54</td>
<td>1.7</td>
<td>3.3</td>
<td>15</td>
<td>1.5</td>
<td>15</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</th>
<th>90°F</th>
<th>95°F</th>
<th>100°F</th>
<th>105°F</th>
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<tbody>
<tr>
<td>5S</td>
<td>ZB45KCE</td>
<td>42.0</td>
<td>5.8</td>
<td>4.3</td>
<td>13.3</td>
<td>5.3</td>
<td>5.2</td>
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<td>44.0</td>
<td>6.0</td>
<td>4.3</td>
<td>13.8</td>
<td>5.7</td>
<td>4.8</td>
</tr>
<tr>
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<td></td>
<td>45.0</td>
<td>6.2</td>
<td>4.3</td>
<td>14.1</td>
<td>5.8</td>
<td>4.9</td>
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<td>4.3</td>
<td>15.5</td>
<td>6.4</td>
<td>4.9</td>
</tr>
</tbody>
</table>

**Product Dimensional Drawing**

[Diagram of the chiller showing dimensional views from different angles]