**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**
- **Factory Performance Test prior to shipment**
- **Extended warranty**: See your quote or latest IOM booket revision

**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**
- **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**
- **Tank Sight Glass**
- **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**
- **Storage tank sight glass**
- **Door Mounted HMI with weather proof cover**

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© Property of Legacy Chiller Systems, Inc.
Model: PZAT7D
Packaged Air-Cooled
7 Ton Chiller
with Stainless Steel Tank

Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length Inches</th>
<th>Width Inches</th>
<th>Height Inches</th>
<th>Voltage</th>
<th>Phase</th>
<th>Freq.</th>
<th>Qty.</th>
<th>RLA ea.</th>
<th>LRA ea.</th>
<th>Compressor</th>
<th>Fan Motor Qty.</th>
<th>FLA.</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Reservoir Gal.</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
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<td>75</td>
<td>34</td>
<td>76</td>
<td>208/230V</td>
<td>1</td>
<td>60Hz</td>
<td>2</td>
<td>21.8</td>
<td>137</td>
<td>3.8</td>
<td>6.6</td>
<td>70</td>
<td>80</td>
<td>50</td>
<td>1.25” FPT</td>
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<tr>
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<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
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<td></td>
<td>154</td>
<td>114</td>
<td>3.8</td>
<td>6.6</td>
<td>50</td>
<td>60</td>
<td>25</td>
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<td>1.5</td>
<td>1.7</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.

Product Dimensional Drawing