**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**
- **Condenser(s): Coaxial up to PZW22D**
- **Condenser(s): Shell and Tube PZW26D through PZW52D**
- **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**
- **4 year extended compressor warranty**
- **Casters (factory mounted)**
- **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**
- **Tank City Water Makeup**
- **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**

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**Easy to Use Touch Screen Display on all Legacy Chiller Models**
PRODUCT DATA SHEET

Model: PZWT8S
Packaged Water-Cooled
8 Ton Chiller

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

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 LRA ea.</th>
<th>LWT °F</th>
<th>105 °F Condensing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inches</td>
<td>Inches</td>
<td>Inches</td>
<td>Voltage</td>
<td>Phase</td>
<td>Qty.</td>
<td>HP</td>
</tr>
<tr>
<td>PZWT8SF5</td>
<td>75</td>
<td>34</td>
<td>70</td>
<td>208/230V</td>
<td>3</td>
<td>9</td>
<td>30.1</td>
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<tr>
<td>PZWT8SH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>15.5</td>
<td>114</td>
<td>1.7</td>
<td>25</td>
</tr>
<tr>
<td>PZWT8SI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>12.1</td>
<td>80</td>
<td>1.5</td>
<td>20</td>
</tr>
</tbody>
</table>

Capacity Table (Refrigerant R407C)

<table>
<thead>
<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
<th>105 °F Condensing</th>
</tr>
</thead>
<tbody>
<tr>
<td>8S</td>
<td>ZB66KCE</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>*42.0</td>
<td>6.71</td>
<td>6.70</td>
</tr>
<tr>
<td></td>
<td>*44.0</td>
<td>7.02</td>
<td>6.72</td>
</tr>
<tr>
<td></td>
<td>45.0</td>
<td>7.18</td>
<td>6.73</td>
</tr>
<tr>
<td></td>
<td>50.0</td>
<td>8.00</td>
<td>6.78</td>
</tr>
</tbody>
</table>

1. Capacities on this chart are based on refrigerant R407C. Lower leaving water or low ambient can require the use of a glycol solution or other fluid blends. These solutions affect unit capacities. Please consult the factory on these or other special fluids.
2. KW input is for compressor(s) only.
3. EER = Energy Efficiency Ratio (BTU/watt-hour). Power inputs include compressor(s), condenser fan motor(s) and control power.

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