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** (up to PZW22D), 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**

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
- Pump suction isolation valve
- Water pressure gauge set
- Water Flow Meter
- Auto city water changeover panel with filter
- Door Mounted HMI with weather proof cover
Product Data Sheet

Model: PZW9D
Packaged Water-Cooled 9 Ton Chiller

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>Power</th>
<th>Compressor LWT</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZW9DE5</td>
<td>65</td>
<td>34</td>
<td>37</td>
<td>2</td>
<td>208/230V 1</td>
<td>750</td>
</tr>
<tr>
<td>PZW9DF5</td>
<td>208/230V 3</td>
<td>185</td>
<td>50</td>
<td>2</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>PZW9DH5</td>
<td>460V 3</td>
<td>120</td>
<td>45</td>
<td>3</td>
<td>208/230V 1</td>
<td></td>
</tr>
<tr>
<td>PZW9DI5</td>
<td>575V 3</td>
<td>100</td>
<td>60</td>
<td>3</td>
<td>5</td>
<td></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>9D</td>
<td>ZB38KCE</td>
<td>42.0</td>
<td>8.5 7.8 13.5</td>
</tr>
<tr>
<td></td>
<td>44.0</td>
<td>8.9</td>
<td>7.8 14.1</td>
</tr>
<tr>
<td></td>
<td>45.0</td>
<td>9.1</td>
<td>7.8 14.4</td>
</tr>
<tr>
<td></td>
<td>50.0</td>
<td>10.3</td>
<td>7.9 15.8</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.

Product Dimensional Drawing