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
- 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
- Stainless steel, SCH80 PVC or Polypropylene piping for deionized and reverse osmosis water systems
- Door Mounted HMI with weather proof cover
**Product Data Sheet**

**Model:** PZW9S

Packaged Water-Cooled 9 Ton Chiller

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### Dimensional & Electrical Table (Single 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</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Voltage</td>
<td>Phase</td>
<td>Freq.</td>
<td>Qty.</td>
</tr>
<tr>
<td>PZW9SF5</td>
<td>46</td>
<td>34</td>
<td>36</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>1</td>
</tr>
<tr>
<td>PZW9SH5</td>
<td>46</td>
<td>34</td>
<td>36</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>1</td>
</tr>
<tr>
<td>PZW9SI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>12.4</td>
<td>80</td>
<td>20</td>
<td>25</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 TONS</th>
<th>KW</th>
<th>EER</th>
</tr>
</thead>
<tbody>
<tr>
<td>9S</td>
<td>ZB76KCE</td>
<td>42.0</td>
<td>9.00</td>
<td>8.02</td>
<td>13.9</td>
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<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>9.42</td>
<td>8.04</td>
<td>14.5</td>
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<tr>
<td></td>
<td></td>
<td>45.0</td>
<td>9.58</td>
<td>8.05</td>
<td>14.8</td>
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<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>10.67</td>
<td>8.09</td>
<td>16.3</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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**Product Dimensional Drawing**

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