**STANDARD ON ALL LEGACY CHILLER MODELS:**
- 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.
- Extended warranty: See your quote or latest IOM booklet revision.

**Tank Options:**
- 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.
- Storage tank sight glass.
- Tank low liquid level indicator with dry contacts.

**Options:**
- 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.

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

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**PRODUCT DATA SHEET**

Model: **PZWT4S**
**Packaged Water-Cooled 4 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>RLA ea.</th>
<th>LRA ea.</th>
<th>Recirculation Pump MCA</th>
<th>M.O.P</th>
<th>Reservoir Gal.</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZWT4SE5</td>
<td>46</td>
<td>34</td>
<td>68.5</td>
<td>208/230V 1 60Hz</td>
<td>1 5</td>
<td>27.1</td>
<td>175</td>
<td>4.2</td>
<td>40</td>
<td>60</td>
<td></td>
<td>700</td>
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<tr>
<td>PZWT4SF5</td>
<td>460V 3 60Hz</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZWT4SH5</td>
<td>575V 3 60Hz</td>
<td></td>
<td></td>
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</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>
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</thead>
<tbody>
<tr>
<td>4S</td>
<td>ZB38KCE</td>
<td>*42.0</td>
<td>3.84</td>
<td>3.88</td>
<td>13.5</td>
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<td></td>
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<td>*44.0</td>
<td>4.00</td>
<td>3.89</td>
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<td>45.0</td>
<td>4.10</td>
<td>3.90</td>
<td>14.4</td>
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<td>50.0</td>
<td>4.50</td>
<td>3.93</td>
<td>15.8</td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

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**Product Dimensional Drawing**

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