**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
- 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:**
- 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 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

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

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**PRODUCT DATA SHEET**

**Model:** PZWT15D  
**Packaged Water-Cooled 15 Ton Chiller**

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### Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Voltage</th>
<th>Phase</th>
<th>Freq.</th>
<th>Compressor</th>
<th>RLA (ea.)</th>
<th>LRA (ea.)</th>
<th>Recirculation Pump FLA</th>
<th>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>PZWT15DF5</td>
<td>85</td>
<td>34</td>
<td>70</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>30.1</td>
<td>225</td>
<td>10</td>
<td>60</td>
<td>70</td>
<td>120</td>
<td>1.25” FPT</td>
<td>1400</td>
<td></td>
</tr>
<tr>
<td>PZWT15DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>15.5</td>
<td>114</td>
<td>2.8</td>
<td>30</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZWT15DI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>12.1</td>
<td>80</td>
<td>1.8</td>
<td>20</td>
<td>25</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</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>TONS</td>
<td>KW</td>
</tr>
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<td>15D</td>
<td>ZB66KCE</td>
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<tr>
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<td>42.0</td>
<td>13.4</td>
<td>13.4</td>
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<tr>
<td></td>
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<td>13.4</td>
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<tr>
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<td></td>
<td>50.0</td>
<td>16.0</td>
<td>13.6</td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

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**Product Dimensional Drawing**

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