PRODUCT DATA SHEET

Model: PZW52D
Packaged Water-Cooled
52 Ton Chiller

Standard Features:

- ETL listed to UL1995 & CAN/CSA C22.2 No. 236-11, 4th edition, 10/14/2011
- Single Point Power Connection
- Idec microprocessor controller with easy to use 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
- Galvanized steel metal frame
- 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

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

Easy to Use
Touch Screen Display
on all Legacy Chiller Models
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</th>
<th>RLA ea.</th>
<th>LRA ea.</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZW52DF5</td>
<td>85</td>
<td>34</td>
<td>54</td>
<td>208/230V</td>
<td>3 60Hz</td>
<td>121.4</td>
<td>599</td>
<td>300</td>
<td>350</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZW52DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>2</td>
<td>30</td>
<td>59.3</td>
<td>310</td>
<td>150</td>
<td>175</td>
<td>2.5&quot; MPT</td>
<td>2500</td>
</tr>
<tr>
<td>PZW52DI5</td>
<td>45.0</td>
<td>56.2</td>
<td>49.4</td>
<td>14.1</td>
<td>50.0</td>
<td>62.3</td>
<td>49.8</td>
<td>15.5</td>
<td></td>
<td></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>52D</td>
<td>ZR380KCE</td>
<td>42.0</td>
<td>52.7 49.0 13.3</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>55.0 49.2 13.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45.0</td>
<td>56.2 49.4 14.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>62.3 49.8 15.5</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.