It’s All about Building a Better Product for Our Clients!

Model: PZAT7D
Packaged Air-Cooled 7 Ton Chiller

with Stainless Steel Tank

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 Tank
- STAINLESS STEEL, brazed plate evaporator
- Scroll compressor with crankcase heater
- Suction accumulator
- Water flow switch
- Hot gas by-pass capacity control
- 24V control transformer
- Direct drive condenser fan motor
- Rust resistant, high CFM, aluminum condenser fan blade
- Condenser(s): copper tube/aluminum fin
- Compressor motor contactor
- Condenser motor and control circuit fusing
- Painted (Powder Coated), galvanized sheet metal cabinet
- 1/2” insulation on all water and Low pressure 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)
- 115 volt (rain tight) service outlet
- Non Fused Disconnect
- Phase Monitor, line voltage monitor offering protection against phase loss/reversal, unbalance and High/Low voltage
- Compressor fusing
- Tank Sight Glass
- Compressor Sound Cover
- Flooded cond. w/receiver/head pressure control (0°F)
- Heated, flooded cond. w/receiver/head pressure Water flow meter control (-20°F)
- Dual process pump with auto changeover
- Pump suction isolation valve
- Water pressure gauge set
- Copper finned condenser coil (coastal protection)
- Coastal powder coat paint protection
- E-Coat Condenser Coil (coastal protection)
- Water Flow Meter
- Auto city water make up solenoid & auto level switch
- Auto city water changeover panel with filter
- Storage tank sight glass
- Door Mounted HMI with weather proof cover

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Packaged Air-Cooled 7 Ton Chiller

Product Dimensional Drawing

with Stainless Steel Tank

Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Power</th>
<th>Compressor</th>
<th>RLA (ea.)</th>
<th>LRA (ea.)</th>
<th>Fan Motor (ea.)</th>
<th>Recirculation Pump</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Reservoir Gal.</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
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<tbody>
<tr>
<td>PZAT7D5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>208/230V 1</td>
<td>1</td>
<td>60Hz</td>
<td>21.8</td>
<td>137</td>
<td>3.8</td>
<td>6.6</td>
<td>70</td>
<td>80</td>
<td>50</td>
<td>1.25° FPT</td>
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<tr>
<td>PZAT7DF5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>208/230V 3</td>
<td>3</td>
<td>60Hz</td>
<td>15.4</td>
<td>114</td>
<td>3.8</td>
<td>6.6</td>
<td>50</td>
<td>60</td>
<td>25</td>
<td>25</td>
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<tr>
<td>PZAT7DH5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>460V    3</td>
<td>3</td>
<td>60Hz</td>
<td>7.1</td>
<td>58</td>
<td>1.5</td>
<td>1.7</td>
<td>25</td>
<td>25</td>
<td>20</td>
<td>20</td>
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<tr>
<td>PZAT7DI5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>575V    3</td>
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<td>60Hz</td>
<td>5.2</td>
<td>43</td>
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Capacity Table (Refrigerant R407C)

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<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
<th>80°F</th>
<th>90°F</th>
<th>95°F</th>
<th>100°F</th>
<th>105°F</th>
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<tr>
<td>7D</td>
<td>ZS29KAE</td>
<td>42.0</td>
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<td>9.8</td>
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<td>7.2</td>
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<td>7.4</td>
<td>7.4</td>
<td>10.9</td>
<td>7.0</td>
<td>8.1</td>
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</table>

*Requires the use of glycol.