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

Model: PZAT11S

Packaged Air-Cooled 11 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
- Fused, STAINLESS STEEL recirculation pump for 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 (Hot Gas Bypass Removed)
- Remote Idec touchscreen control panel
- Industrial VPN Router
- 5 Port Ethernet Switch
- BacNet Gateway
- STAINLESS STEEL Process Pump
- Process Pump VFD Controller
- VFD Compressor Control (Hot Gas Bypass Removed)
- 4 year extended compressor warranty
- Casters (factory mounted)
- 115 volt (rain tight) service outlet
- Non Fused Disconnect
- Phase/voltage monitor
- Compressor fusing
- Tank Sight Glass
- Compressor Sound Cover
- Flooded cond. w/receiver/head pressure control (0°F)
- Flooded cond. w/Heated receiver/head pressure control (-20°F)
- Dual process pumps with auto changeover
- Pump suction isolation valve(s)
- 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
- Door Mounted HMI with weather proof cover

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Packaged Air-Cooled 11 Ton Chiller

Product Dimensional Drawing
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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>Fan Motor Recirculation Pump FLA</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Reservoir Gal.</th>
<th>1.25&quot; FPT</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZAT11SFS</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td></td>
<td>ZB95KCE</td>
<td>42.0</td>
<td>9.1</td>
<td>9.1</td>
<td>8.8</td>
<td>11.1</td>
<td>9.1</td>
<td>8.5</td>
<td>11.7</td>
</tr>
<tr>
<td>PZAT11SHS</td>
<td></td>
<td></td>
<td></td>
<td>208/230V 3 60Hz 49.4 300 3.8 7.9 80 125</td>
<td></td>
<td>ZB95KCE</td>
<td>44.0</td>
<td>9.2</td>
<td>9.2</td>
<td>9.2</td>
<td>11.2</td>
<td>9.3</td>
<td>8.9</td>
</tr>
<tr>
<td>PZAT11SIS</td>
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<td></td>
<td></td>
<td>460V 3 60Hz 23.1 150 1.5 2.5 35 50</td>
<td></td>
<td>ZB95KCE</td>
<td>50.0</td>
<td>9.2</td>
<td>9.2</td>
<td>9.2</td>
<td>11.2</td>
<td>9.4</td>
<td>9.1</td>
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</table>

Capacity Table (Refrigerant R407C)

<table>
<thead>
<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
<th>80°F TONS KW EER</th>
<th>90°F TONS KW EER</th>
<th>95°F TONS KW EER</th>
<th>100°F TONS KW EER</th>
<th>105°F TONS KW EER</th>
</tr>
</thead>
<tbody>
<tr>
<td>11S</td>
<td>ZB95KCE</td>
<td>12.1</td>
<td>9.5 10.0 10.4</td>
<td>11.4 10.4 11.4</td>
<td>11.0 11.0 10.7</td>
<td>10.6 11.5 10.0</td>
<td>10.3 12.1 9.3</td>
</tr>
</tbody>
</table>

* Requires the use of glycol.