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:

- 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
- 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
- Stainless steel, SCH80 PVC or Polypropylene piping for deionize and reverse osmosis water systems
- Storage tank sight glass
- Door Mounted HMI with weather proof cover
**PRODUCT DATA SHEET**

**Model:** PZAT11S  
**Packaged Air-Cooled 11 Ton Chiller**

*with Stainless Steel Tank*

**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>Voltage</th>
<th>Phase</th>
<th>Freq.</th>
<th>LRA ea.</th>
<th>LRA ea. Qty.</th>
<th>Fan Motor Qty.</th>
<th>FLA.</th>
<th>FLA. MCA</th>
<th>M.O.P</th>
<th>Reservoir 80 Gal.</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZAT11SF5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>49.4</td>
<td>300</td>
<td>3.8</td>
<td>7.9</td>
<td>80</td>
<td>125</td>
<td>80</td>
<td>1.25' FPT</td>
<td>1300</td>
</tr>
<tr>
<td>PZAT11SH5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>23.1</td>
<td>150</td>
<td>1.5</td>
<td>2.5</td>
<td>35</td>
<td>50</td>
<td>109</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZAT11SI5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>19.2</td>
<td>109</td>
<td>1.72</td>
<td>1.5</td>
<td>30</td>
<td>45</td>
<td>80</td>
<td></td>
<td></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>
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</thead>
<tbody>
<tr>
<td>11S</td>
<td>ZB95KCE</td>
<td>42.0</td>
<td>10.1 9.1 11.9</td>
<td>9.5 10.0 10.4</td>
<td>9.1 10.5 9.7</td>
<td>8.8 11.1 9.1</td>
<td>8.5 11.7 8.4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>10.6 9.2 12.2</td>
<td>9.9 10.1 10.7</td>
<td>9.6 10.6 9.9</td>
<td>9.2 11.2 9.3</td>
<td>8.9 11.8 8.6</td>
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<tr>
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<td>45.0</td>
<td>10.8 9.2 12.4</td>
<td>10.1 10.2 10.8</td>
<td>9.8 10.7 10.0</td>
<td>9.5 11.2 9.4</td>
<td>9.1 11.9 8.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>12.1 9.5 13.0</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.

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**Product Dimensional Drawing**