PRODUCT DATA SHEET

Model: PZAT5S
Packaged Air-Cooled
5 Ton Chiller

with Stainless Steel Tank

STANDARD ON ALL LEGACY CHILLER MODELS:
- Pentra Microsmart, Programmable Logic Controller (PLC) with 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
- Extended warranty: See your quote or latest IOM booklet revision

Easy to Use Touch Screen Display on all Legacy Chiller Models

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
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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
- 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

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## PRODUCT DATA SHEET

**Model: PZAT5S**  
*Packaged Air-Cooled 5 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>Qty.</th>
<th>HP</th>
<th>RLA ea.</th>
<th>LRA ea.</th>
<th>Fan Motor Qty.</th>
<th>FLA</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>PZAT5SF5</td>
<td>46</td>
<td>34</td>
<td>74</td>
<td>208/230V</td>
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<td>60Hz</td>
<td>1</td>
<td>6</td>
<td>18.6</td>
<td>156</td>
<td>1</td>
<td>3.8</td>
<td>4.2</td>
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<tr>
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<td>3</td>
<td>60Hz</td>
<td>10.3</td>
<td>1.5</td>
<td>0.9</td>
<td>1</td>
<td>7.1</td>
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<td>1.72</td>
<td>0.72</td>
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### Capacity Table (Refrigerant R407C)

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<th>EER</th>
<th>TONS</th>
<th>KW</th>
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<th>TONS</th>
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* = Requires the use of glycol.

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**Product Dimensional Drawing**

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