Product Data Sheet

Model: PZAT4.5S
Packaged Air-Cooled
4.5 Ton Chiller

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

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

Easy to Use
Touch Screen Display
on all Legacy Chiller Models

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Model: PZAT4.5S
Packaged Air-Cooled 4.5 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>HP</th>
<th>RLA ee.</th>
<th>LRA ee.</th>
<th>Fan Motor Qty.</th>
<th>FLA</th>
<th>Recirculation Pump FLA</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>PZAT4.5SE5</td>
<td>46</td>
<td>34</td>
<td>74</td>
<td>208/230V</td>
<td>1</td>
<td>60Hz</td>
<td>5</td>
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<td>129</td>
<td>3.8</td>
<td>4.2</td>
<td>40</td>
<td>60</td>
<td>50</td>
<td>1&quot; FPT</td>
<td>875</td>
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Capacity Table (Refrigerant R407C)

<table>
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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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<tbody>
<tr>
<td></td>
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<td>TONS</td>
<td>KW</td>
<td>EER</td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
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<tr>
<td>4.5S</td>
<td>ZB42KCE</td>
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<td>4.3</td>
<td>11.2</td>
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* = Requires the use of glycol.

Product Dimensional Drawing