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

Model: PZA13D

Packaged Air-Cooled 13 Ton Chiller

**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, 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 factor
- 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
- 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 changeover panel with filter
- Door Mounted HMI with weather proof cover
Model: PZA13D

Packaged Air-Cooled 13 Ton Chiller

Product Dimensional Drawing

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Dimensional & Electrical Table (Dual 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</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZA13DF6</td>
<td>85</td>
<td>40</td>
<td>50</td>
<td></td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>28.8</td>
<td>195</td>
<td>3.8</td>
<td>80</td>
<td>985</td>
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<tr>
<td>PZA13DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td></td>
<td>14.7</td>
<td>95</td>
<td>2</td>
<td>1.5</td>
<td>40</td>
<td>50</td>
<td></td>
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<tr>
<td>PZA13DI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
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<td>10.8</td>
<td>80</td>
<td>1.72</td>
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<td>35</td>
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Capacity Table (Refrigerant R407C)

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<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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<tr>
<td>13D</td>
<td>ZBS8KCE</td>
<td>42.0</td>
<td>13.9 11.8 12.5</td>
<td>13.2 13.1 10.8</td>
<td>12.9 13.8 10.1</td>
<td>12.6 14.5 9.4</td>
<td>12.3 15.3 8.7</td>
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<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>14.4 11.9 12.8</td>
<td>13.7 13.2 11.2</td>
<td>13.4 13.9 10.4</td>
<td>13.1 14.6 9.7</td>
<td>12.8 15.4 9.0</td>
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<td>14.0 13.3 11.3</td>
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<td>13.0 15.5 9.2</td>
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