Model: PZA13D
Packaged Air-Cooled
13 Ton Chiller

STANDARD ON ALL LEGACY CHILLER MODELS:
Pentra Microsmart, Programmable Logic Controller (PLC) with HMI Touch Screen Display.
(Located inside front electrical cabinet)

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
• 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 on primary compressor
• 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 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 changeover panel with filter
• Door Mounted HMI with weather proof cover

Easy to Use Touch Screen Display on all Legacy Chiller Models

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# PRODUCT DATA SHEET

## Model: PZA13D
**Packaged Air-Cooled 13 Ton Chiller**

### 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>Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZA13DF6</td>
<td>85</td>
<td>40</td>
<td>50</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>2</td>
<td>8</td>
<td>28.8</td>
<td>195</td>
<td>3.8</td>
<td>80</td>
</tr>
<tr>
<td>PZA13DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>14.7</td>
<td>95</td>
<td>1.5</td>
<td>40</td>
<td>50</td>
<td>1.72</td>
<td>30</td>
<td>35</td>
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</tr>
<tr>
<td>PZA13DI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>10.8</td>
<td>80</td>
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<td></td>
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<td></td>
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<td></td>
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</table>

### 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>13D</td>
<td>ZB58KCE</td>
<td>42.0</td>
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<td>11.8</td>
<td>12.5</td>
<td>12.9</td>
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<td>12.3</td>
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<td>15.2</td>
<td>14.7</td>
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</tbody>
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### Product Dimensional Drawing

![Product Dimensional Drawing](image-url)