**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 factory**
- **Extended warranty**: See your quote or latest IOM booklet revision

**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 changeover panel with filter
- Stainless steel, SCH80 PVC or Polypropylene piping for deionize and reverse osmosis water systems
- Door Mounted HMI with weather proof cover

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**PRODUCT DATA SHEET**

**Model: PZA4.5S**

*Packaged Air-Cooled 4.5 Ton Chiller*

## Capacity Table (Refrigerant R407C)

<table>
<thead>
<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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
</tr>
<tr>
<td>4.5S</td>
<td>ZB42KCE</td>
<td>42.0</td>
<td>4.8</td>
<td>4.3</td>
<td>11.2</td>
<td>4.6</td>
<td>4.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>5.0</td>
<td>4.4</td>
<td>11.5</td>
<td>4.7</td>
<td>4.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45.0</td>
<td>5.1</td>
<td>4.4</td>
<td>11.6</td>
<td>4.8</td>
<td>4.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>5.5</td>
<td>4.6</td>
<td>12.3</td>
<td>5.3</td>
<td>5.1</td>
</tr>
</tbody>
</table>

## 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>Power Voltage Phase</th>
<th>Freq.</th>
<th>Qty.</th>
<th>HP RLA ea.</th>
<th>LRA ea. Qty.</th>
<th>FLA. MCA</th>
<th>M.O.P</th>
<th>Chiller Fluid Conn.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZA4.5SSE5</td>
<td>46</td>
<td>34</td>
<td>48</td>
<td>208/230V 1</td>
<td>60Hz</td>
<td>1</td>
<td>5</td>
<td>25.0</td>
<td>129</td>
<td>1</td>
<td>3.8</td>
<td>40</td>
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</tbody>
</table>