Model: PZAT22D
Packaged Air-Cooled 22 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

Easy to Use Touch Screen Display on all Legacy Chiller Models

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
- Tank Sight Glass
- 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
- Storage tank sight glass
- Door Mounted HMI with weather proof cover

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**PRODUCT DATA SHEET**

**Model:** PZAT22D

Packaged Air-Cooled

22 Ton Chiller

*with Stainless Steel Tank*

**Dimensional & Electrical Table (Dual Circuit)**

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Voltage</th>
<th>Phase</th>
<th>Freq.</th>
<th>RLA ea. (Qty.)</th>
<th>LRA ea. (Qty.)</th>
<th>Fan Motor (Fla) (Qty.)</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>
</tr>
</thead>
<tbody>
<tr>
<td>PZAT22DFS</td>
<td>75</td>
<td>65</td>
<td>77</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>2 13</td>
<td>49.4</td>
<td>300</td>
<td>19.2</td>
<td>109</td>
<td>1.7</td>
<td>1.0</td>
<td>60</td>
<td>70</td>
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<tr>
<td>PZAT22DH5</td>
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<td></td>
<td></td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>2 13</td>
<td>23.1</td>
<td>150</td>
<td>1.5</td>
<td>1.7</td>
<td>60</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZAT22DI5</td>
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<td></td>
<td></td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>2 13</td>
<td>19.2</td>
<td>109</td>
<td>1.7</td>
<td>1.0</td>
<td>60</td>
<td>70</td>
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*Changes or Modifications Subject to Factory Discretion.*

**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>
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<tbody>
<tr>
<td>22D</td>
<td>ZB95KCE</td>
<td>42.0</td>
<td>20.9</td>
<td>18.0</td>
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<td>44.0</td>
<td>21.7</td>
<td>18.2</td>
<td>12.3</td>
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<td>45.0</td>
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<td>18.2</td>
<td>12.5</td>
<td>21.0</td>
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<td>50.0</td>
<td>23.8</td>
<td>18.8</td>
<td>13.1</td>
<td>22.8</td>
<td>20.6</td>
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</table>

* = Requires the use of glycol.

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**Product Dimensional Drawing**

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