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** 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**
- **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**
**PRODUCT DATA SHEET**

Model: **PZAT10D**

Packaged Air-Cooled
10 Ton Chiller

*with Stainless Steel Tank*

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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>Voltage</th>
<th>Phase</th>
<th>Freq.</th>
<th>HP</th>
<th>LRA ea.</th>
<th>Fan Motor Qty.</th>
<th>FLA</th>
<th>Recirculation Pump</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Reservoir Gal.</th>
<th>Weight Pounds</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZAT10DF5</td>
<td>75</td>
<td>34</td>
<td>76</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>6</td>
<td>18.6</td>
<td>6</td>
<td>7.9</td>
<td>60</td>
<td>70</td>
<td>80</td>
<td>1.25&quot; FPT</td>
<td>1250</td>
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<tr>
<td>PZAT10DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>2</td>
<td>1.5</td>
<td>2.5</td>
<td>30</td>
<td>35</td>
<td>1.72</td>
<td>25</td>
<td>25</td>
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<td>PZAT10DI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>7.1</td>
<td>54</td>
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### Capacity Table (Refrigerant R407C)

<table>
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<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT oF</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>
<td></td>
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<td>TONS</td>
<td>KW</td>
<td>EER</td>
<td>TONS</td>
<td>KW</td>
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<td>10D</td>
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<td>44.0</td>
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<td>9.3</td>
<td>12.3</td>
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<td>10.7</td>
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</tbody>
</table>

* = Requires the use of glycol.

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**Product Dimensional Drawing**

[Dimensions and drawings of the chiller model PZAT10D with stainless steel tank are shown here.]

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