### 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.** (located inside electrical cabinet)
- **STAINLESS STEEL Tank**
- **Fused, STAINLESS STEEL recirculation pump for 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**

### 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**
- **Tank Sight Glass**
- **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 make up solenoid & auto level switch**
- **Auto city water changeover panel with filter**
- **Door Mounted HMI with weather proof cover**
**PRODUCT DATA SHEET**

**Model: PZAT15D**

**Packaged Air-Cooled 15 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>Power</th>
<th>Compressor</th>
<th>LRA ea.</th>
<th>LRA es.</th>
<th>Fan Motor Qty.</th>
<th>FLA</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</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZAT15DF5</td>
<td>85</td>
<td>40</td>
<td>76</td>
<td>208/230V</td>
<td>3 60Hz</td>
<td>30.1</td>
<td>225</td>
<td>3.8</td>
<td>3.5</td>
<td>80 100</td>
<td>120</td>
<td>1.5&quot; FPT</td>
<td>1400</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZAT15DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>15.5</td>
<td>114 2</td>
<td>1.5</td>
<td>1.7</td>
<td>40 50</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>PZAT15DI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
<td>12.1</td>
<td>80</td>
<td>1.72</td>
<td>1.0</td>
<td>35 40</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

**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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</thead>
<tbody>
<tr>
<td>15D</td>
<td>ZB66KCE</td>
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<td></td>
<td></td>
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<td></td>
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<tr>
<td></td>
<td>*42.0</td>
<td>13.4</td>
<td>14.0</td>
<td>11.8</td>
<td>13.0</td>
<td>15.5</td>
<td>10.3</td>
</tr>
<tr>
<td></td>
<td>*44.0</td>
<td>14.1</td>
<td>14.3</td>
<td>12.3</td>
<td>13.6</td>
<td>15.7</td>
<td>10.8</td>
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<tr>
<td></td>
<td>45.0</td>
<td>14.4</td>
<td>14.4</td>
<td>12.5</td>
<td>14.0</td>
<td>15.8</td>
<td>10.9</td>
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<tr>
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<td>50.0</td>
<td>16.0</td>
<td>14.8</td>
<td>13.2</td>
<td>15.6</td>
<td>16.2</td>
<td>11.6</td>
</tr>
</tbody>
</table>

1. Capacities on this chart are based on refrigerant R407C. Lower leaving water or low ambient can require the use of a glycol solution or other fluid blends. These solutions affect unit capacities. Please consult the factory on these or other special fluids.

2. KW input is for compressor(s) only.

3. EER = Energy Efficiency Ratio (BTU/watt-hour). Power inputs include compressor(s), condenser fan motor(s) and control power.

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