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 booket 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

Easy to Use Touch Screen Display on all Legacy Chiller Models
PRODUCT DATA SHEET

Model: PZAT18D
Packaged Air-Cooled
18 Ton Chiller

with Stainless Steel Tank

Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PZAT18DF5</td>
<td>85</td>
<td>40</td>
<td>76</td>
<td>208/230V 3 60Hz</td>
<td>2 10 37.2</td>
<td>239</td>
<td>3.8</td>
<td>3.5</td>
<td>100</td>
<td>125</td>
<td>120</td>
<td>1.5” FPT</td>
<td>1450</td>
<td></td>
</tr>
<tr>
<td>PZAT18DH5</td>
<td></td>
<td></td>
<td></td>
<td>460V 3 60Hz</td>
<td>2 12</td>
<td>17.2</td>
<td>1.5</td>
<td>1.7</td>
<td>45</td>
<td>60</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZAT18DI5</td>
<td></td>
<td></td>
<td></td>
<td>575V 3 60Hz</td>
<td>12.4</td>
<td>80</td>
<td>1.72</td>
<td>1.0</td>
<td>35</td>
<td>40</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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>18D</td>
<td>ZB76KCE</td>
<td>42.0</td>
<td>15.9</td>
<td>16.8</td>
<td>11.7</td>
<td>15.5</td>
<td>15.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>16.7</td>
<td>17.0</td>
<td>12.0</td>
<td>16.2</td>
<td>15.7</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45.0</td>
<td>17.0</td>
<td>17.1</td>
<td>12.1</td>
<td>16.6</td>
<td>16.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>18.9</td>
<td>17.6</td>
<td>12.8</td>
<td>18.4</td>
<td>17.9</td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

Product Dimensional Drawing