Easy to Use

Touch Screen Display
on all Legacy Chiller Models

**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
- Factory Performance Test prior to shipment
- 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 on primary compressor
- 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/heat pressure control (0°F)
- Heated, flooded cond. w/receiver/heat pressure Water flow meter control (-20°F)
- 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
- Stainless steel, SCH80 PVC or Polypropylene piping for deionize and reverse osmosis water systems
- Door Mounted HMI with weather proof cover
Model: IEZA7D
Split-System Air-Cooled
7 Ton Chiller

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>RLA</th>
<th>LRA</th>
<th>Fan Motor</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Chiller Fluid Conn.</th>
<th>Weight LBS.</th>
<th>Condenser Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>PZA7DE5</td>
<td>65</td>
<td>30</td>
<td>37</td>
<td>208/230V</td>
<td>1 60Hz</td>
<td>21.8</td>
<td>137</td>
<td>3.8</td>
<td>60</td>
<td>70</td>
<td>1.25&quot; FPT</td>
<td>900</td>
<td>OC7D</td>
</tr>
<tr>
<td>PZA7DF5</td>
<td>112</td>
<td>30</td>
<td>37</td>
<td>208/230V</td>
<td>3 60Hz</td>
<td>15.4</td>
<td>114</td>
<td>3.8</td>
<td>45</td>
<td>50</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZA7DH5</td>
<td>50</td>
<td>30</td>
<td>37</td>
<td>460V</td>
<td>3 60Hz</td>
<td>7.1</td>
<td>58</td>
<td>1.5</td>
<td>20</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PZA7DI5</td>
<td>50</td>
<td>30</td>
<td>37</td>
<td>575V</td>
<td>3 60Hz</td>
<td>5.2</td>
<td>43</td>
<td>1.72</td>
<td>20</td>
<td>20</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OC7D (Outdoor Condenser Specs)

<table>
<thead>
<tr>
<th>Condenser Model</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Fan Motor</th>
<th>Refrigerant Connections</th>
<th>Weight / lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>OC7D</td>
<td>75</td>
<td>34</td>
<td>47</td>
<td>2 1/2</td>
<td>5/8&quot; (2) 1/2&quot; (2)</td>
<td>515</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>7D</td>
<td>ZS29KAE</td>
<td>42.0</td>
<td>7.1</td>
<td>7.1</td>
<td>9.8</td>
<td>6.6</td>
<td>8.2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44.0</td>
<td>7.4</td>
<td>7.2</td>
<td>10.1</td>
<td>7.0</td>
<td>7.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>45.0</td>
<td>7.5</td>
<td>7.3</td>
<td>10.3</td>
<td>7.2</td>
<td>7.9</td>
</tr>
<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>8.1</td>
<td>7.4</td>
<td>10.9</td>
<td>7.8</td>
<td>8.1</td>
</tr>
</tbody>
</table>

Product Dimensional Drawing