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 Bypass Capacity Control
- 24V control transformer
- Control circuit fusing
- Compressor motor contactor
- Painted - Powder Coated (Most Models), galvanized sheet metal cabinet
- 1/2” insulation on all water and refrigerant lines
- Liquid line drier, sight glass, solenoid, TXV
- Complete refrigerant charge from factory
- Factory Performance Test prior to shipment
- STAINLESS STEEL storage tank with 1/2 inch insulation
- Fused, STAINLESS STEEL re-circulation pump for tank operation with ball valve and cleanable strainer
- Tank pressure relief valve, vent and drain hose bibs

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
- Condenser water regulating valve
- 115 volt (rain tight) service outlet
- Non Fused Disconnect
- Phase Monitor, line voltage monitor offering protection against phase loss/reversal, unbalance and hi/lo voltage
- Compressor fusing
- Compressor Sound Cover
- Factory installed evaporator heat tape freeze protection
- Low flow by-pass valve
- Fused, STAINLESS STEEL process pump
- Dual system pump with manual changeover (some models)
- Dual system pump with auto changeover (some models)
- Pump suction isolation valve
- Water pressure gauge set
- Water Flow Meter
- Auto city water changeover panel with filter
- Stainless steel, SCH80 PVC or Polypropylene piping for deionized and reverse osmosis water systems
- Door Mounted HMI with weather proof cover

Tank Options
- Storage tank sight glass
- Tank low liquid level indicator with dry contacts
- Auto Tank Fill

Easy to Use Touch Screen Display on all Legacy Chiller Models

© Property of Legacy Chillers, Inc.
PRODUCT DATA SHEET

Model: IEZAT1S
Split-System Air-Cooled
1 Ton Chiller

with Stainless Steel Tank

Dimensional & Electrical Table (Single 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>
</tr>
</thead>
<tbody>
<tr>
<td>IEZAT1SE5</td>
<td>36</td>
<td>34</td>
<td>65</td>
<td>208/230V 1 60Hz 1 1.3</td>
<td>8.3</td>
<td>40.3</td>
<td>1 3.8</td>
<td>4.2</td>
<td>20</td>
<td>25</td>
<td>1&quot; FPT</td>
<td>550</td>
<td>OC1S</td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

Capacity Table (Refrigerant R407C)

<table>
<thead>
<tr>
<th>Model</th>
<th>Compressor 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>1S</td>
<td>ZR16K5E</td>
<td>42.0</td>
<td>98</td>
<td>1.2</td>
<td>7.5</td>
<td>.90</td>
</tr>
<tr>
<td></td>
<td>44.0</td>
<td>1.0</td>
<td>1.2</td>
<td>7.5</td>
<td>.95</td>
<td>6.9</td>
</tr>
<tr>
<td></td>
<td>45.0</td>
<td>1.05</td>
<td>1.2</td>
<td>7.5</td>
<td>.95</td>
<td>6.9</td>
</tr>
<tr>
<td></td>
<td>50.0</td>
<td>1.2</td>
<td>1.2</td>
<td>8.4</td>
<td>1.1</td>
<td>7.5</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.

Product Dimensional Drawing

© Property of Legacy Chillers, Inc.