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
- Tank
- 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
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.

---

**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></td>
<td></td>
<td></td>
<td>TONS</td>
<td>TONS</td>
<td>TONS</td>
<td>TONS</td>
<td>TONS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>KW</td>
<td>KW</td>
<td>KW</td>
<td>KW</td>
<td>KW</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>EER</td>
<td>EER</td>
<td>EER</td>
<td>EER</td>
<td>EER</td>
</tr>
<tr>
<td>IEZAT8SF5</td>
<td>ZB86KCE</td>
<td>42.0</td>
<td>6.7</td>
<td>7.1</td>
<td>10.9</td>
<td>9.7</td>
<td>6.3</td>
</tr>
<tr>
<td>IEZAT8SF5</td>
<td></td>
<td>44.0</td>
<td>7.1</td>
<td>7.2</td>
<td>11.2</td>
<td>9.9</td>
<td>6.6</td>
</tr>
<tr>
<td>IEZAT8SI5</td>
<td></td>
<td>45.0</td>
<td>7.2</td>
<td>7.2</td>
<td>11.4</td>
<td>10.1</td>
<td>6.8</td>
</tr>
<tr>
<td>IEZAT8SI5</td>
<td></td>
<td>50.0</td>
<td>8.0</td>
<td>7.4</td>
<td>12.0</td>
<td>10.7</td>
<td>7.5</td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

---

**Product Dimensional Drawing**