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:
- 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 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

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PRODUCT DATA SHEET

Model: IEZAT4S
Split-System Air-Cooled
4 Ton Chiller

with Stainless Steel Tank

Dimensional & Electrical Table (Single Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Power Compressor RLA</th>
<th>LRA</th>
<th>Fan Motor Recirculation Pump FLA</th>
<th>Condenser Fluid Conn.</th>
<th>Condenser Selection</th>
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<tbody>
<tr>
<td>IEZAT4S5</td>
<td>46</td>
<td>34</td>
<td>69</td>
<td>208/230V 1 60Hz</td>
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<td>27.1 175</td>
<td>3.8 4.2 45 60</td>
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<td>69</td>
<td>208/230V 3 60Hz</td>
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<td>18.6 128</td>
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<td>8.0 63</td>
<td>1.5 0.9 15 20</td>
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<td>69</td>
<td>575V 3 60Hz</td>
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<td>6.3 50</td>
<td>1.72 0.72 15 15</td>
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</table>

KW input is for compressor(s) only.
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>
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<td>10.0</td>
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</table>

* = Requires the use of glycol.

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

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