### Standard Features:

- **ETL listed** to UL1995 & CAN/CSA C22.2
- **Single point power connection**
- Pentra Microsmart, Programmable Logic Controller (PLC) with easy to use HMI touch screen display
- STAINLESS STEEL, brazed plate evaporator
- 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

### 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
- 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 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
- 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: IEZAT9.5D
Split-System Air-Cooled
9.5 Ton Chiller

Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th></th>
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<td>75</td>
<td>34</td>
<td>70</td>
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<td>208/230V</td>
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<td>60Hz</td>
<td>2</td>
<td>5</td>
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<td>129</td>
<td>2</td>
<td>3.8</td>
<td>7.9</td>
<td>80</td>
<td>90</td>
<td>80</td>
<td>1.25&quot; FPT</td>
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* = Requires the use of glycol.

Capacity Table (Refrigerant R407C)

<table>
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<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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<tr>
<td>9.5D</td>
<td>ZB42KCE</td>
<td>42.0</td>
<td>6.4</td>
<td>8.1</td>
<td>11.8</td>
<td>8.4</td>
<td>7.9</td>
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<td></td>
<td>44.0</td>
<td>8.8</td>
<td>8.4</td>
<td>12.1</td>
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<td>8.2</td>
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<td>45.0</td>
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<td>8.6</td>
<td>12.3</td>
<td>8.6</td>
<td>8.4</td>
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<tr>
<td></td>
<td></td>
<td>50.0</td>
<td>9.8</td>
<td>8.9</td>
<td>13.0</td>
<td>9.4</td>
<td>9.3</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