Model: **IEZAT9.5D**

*Split-System Air-Cooled 9.5 Ton Chiller*

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**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

**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

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**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
- 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**

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### 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>LRA en.</th>
<th>Fan Motor Qty</th>
<th>Recirculation Pump FLA</th>
<th>MCA</th>
<th>N.O.P</th>
<th>Reservoir Gal.</th>
<th>Weight Pounds</th>
<th>Condenser Model</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEZAT9.5DE5</td>
<td>75</td>
<td>34</td>
<td>70</td>
<td>208/230V 1 60Hz</td>
<td>128</td>
<td>2</td>
<td>3.8</td>
<td>7.9</td>
<td>80</td>
<td>90</td>
<td>1.25” FPT</td>
<td>1450</td>
<td>OC9.5D</td>
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</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>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
</tr>
<tr>
<td>9.5D</td>
<td>ZB42KCE</td>
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<td>TONS</td>
<td></td>
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<td></td>
<td></td>
</tr>
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<td>*42.0</td>
<td>8.4</td>
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<td>11.8</td>
<td>8.1</td>
<td>9.4</td>
<td>10.2</td>
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<tr>
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<td>*44.0</td>
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<td>8.5</td>
<td>12.1</td>
<td>8.4</td>
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<td>13.0</td>
<td>9.4</td>
<td>9.8</td>
<td>11.3</td>
</tr>
</tbody>
</table>

* = Requires the use of glycol.

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### Product Dimensional Drawing

[Product Dimensional Drawing Image]

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