Product Data Sheet

Model: IEZAT22D
Split-System Air-Cooled
22 Ton Chiller

with Stainless Steel Tank

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

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
## 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>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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<tbody>
<tr>
<td></td>
<td>in</td>
<td>in</td>
<td>in</td>
<td>Volts</td>
<td>Phase</td>
<td>Hz</td>
<td>HP</td>
<td>FLA</td>
<td>MCA</td>
<td>Gal.</td>
<td>Kg Lbs</td>
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<td>IEZAT22DF5</td>
<td>85</td>
<td>34</td>
<td>70</td>
<td>208/230V</td>
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<td>60</td>
<td>12</td>
<td>49.4</td>
<td>300</td>
<td>3.8</td>
<td>5.6</td>
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<tr>
<td>IEZAT22DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>23.1</td>
<td>150</td>
<td>4</td>
<td>1.5</td>
<td>2.8</td>
<td>60</td>
<td>70</td>
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<td>109</td>
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### Capacity Table (Refrigerant R407C)

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<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
<th>80 °F TONS</th>
<th>80 °F EER</th>
<th>90 °F TONS</th>
<th>90 °F EER</th>
<th>95 °F TONS</th>
<th>95 °F EER</th>
<th>100 °F TONS</th>
<th>100 °F EER</th>
<th>105 °F TONS</th>
<th>105 °F EER</th>
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* = Requires the use of glycol.

## Product Dimensional Drawing

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