**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 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 booker revision

**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 High/Low voltage
- Compressor fusing
- Compressor Sound Cover
- Flooded cond. w/receiver/head pressure control (0°F)
- Heated, flooded cond. w/receiver/head pressure Water flow meter control (-20°F)
- Pump suction isolation valve
- Water pressure gauge set
- Copper finned condenser coil (coastal protection)
- Coastal powder coat paint protection
- E-Coat Condenser Coil (coastal protection)
- Water Flow Meter
- Auto city water make up solenoid & auto level switch
- Auto city water changeover panel with filter
- Stainless steel, SCH80 PVC or Polypropylene piping for deionize and reverse osmosis water systems
- Door Mounted HMI with weather proof cover

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## PRODUCT DATA SHEET

**Model:** IEZA22D  
**Split-System Air-Cooled 22 Ton Chiller**

### 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 LRA ea.</th>
<th>Fan Motor MCA</th>
<th>M.O.P Chiller Fluid Conn.</th>
<th>Weight LBS.</th>
<th>Condenser Selection</th>
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</thead>
<tbody>
<tr>
<td>IEZA22DF5</td>
<td>65</td>
<td>30</td>
<td>37</td>
<td>208/230V 3 60Hz</td>
<td>49.4 300 3.8 150 175</td>
<td>4 150 1.5 60 80</td>
<td>1.5&quot; FPT</td>
<td>1750</td>
<td>OC22D</td>
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<tr>
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<td>60Hz</td>
<td>23.1</td>
<td>150 4</td>
<td>3.6 150 175</td>
<td>1.5 60 80</td>
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<td>1750</td>
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<tr>
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<td>575V 3</td>
<td>60Hz</td>
<td>19.2</td>
<td>109 1.72 60 70</td>
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<td>OC22D</td>
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</table>

### OC22D (Outdoor Condenser Specs)

<table>
<thead>
<tr>
<th>Condenser Model</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Fan Motor Qty.</th>
<th>Refrigerant Connections Qty.</th>
<th>Weight / lbs.</th>
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</thead>
<tbody>
<tr>
<td>OC22D</td>
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<td>49</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 KW</th>
<th>80°F EER</th>
<th>80°F 90°F TONS KW</th>
<th>80°F 90°F EER</th>
<th>80°F 95°F TONS KW</th>
<th>80°F 95°F EER</th>
<th>80°F 100°F TONS KW</th>
<th>80°F 100°F EER</th>
<th>80°F 105°F TONS KW</th>
<th>80°F 105°F EER</th>
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<tbody>
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<td>ZB95KCE</td>
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<td>20.9 18.0 12.0</td>
<td>20.9 19.8 10.5</td>
<td>19.4 20.8 9.8</td>
<td>18.9 21.8 9.2</td>
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<td>19.7 23.0 8.5</td>
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<tr>
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<td>19.2 23.2 8.8</td>
<td>19.6 23.3 8.9</td>
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<td>19.6 23.3 8.9</td>
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<td>18.5 23.0 8.5</td>
<td>18.5 23.0 8.5</td>
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</tbody>
</table>

### Product Dimensional Drawing