**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

**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
## PRODUCT DATA SHEET

**Model:** IEZA35D  
**Split-System Air-Cooled**  
**35 Ton Chiller**

### Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Voltage</th>
<th>Phase</th>
<th>Freq.</th>
<th>Compressor Qty.</th>
<th>HP</th>
<th>RLA</th>
<th>LRA</th>
<th>Fan Motor Qty.</th>
<th>FLA.</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Weight LBS.</th>
<th>Condenser Selection</th>
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<tbody>
<tr>
<td>IEZA35DF5</td>
<td>85</td>
<td>34</td>
<td>42</td>
<td>208/230V</td>
<td>3</td>
<td>60Hz</td>
<td>2</td>
<td>20</td>
<td>73.1</td>
<td>505</td>
<td>7</td>
<td>200</td>
<td>250</td>
<td>2.5° MPT</td>
<td>1600</td>
<td>BNH421</td>
</tr>
<tr>
<td>IEZA35DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>24.4</td>
<td>180</td>
<td>60Hz</td>
<td>1</td>
<td>20</td>
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<td>225</td>
<td>4</td>
<td>3.5</td>
<td>90</td>
<td>90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>IEZA35DI5</td>
<td>575V</td>
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<td>60Hz</td>
<td>73.1</td>
<td>505</td>
<td>60Hz</td>
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<td>20</td>
<td>73.1</td>
<td>505</td>
<td>7</td>
<td>200</td>
<td>250</td>
<td>2.5° MPT</td>
<td>1600</td>
<td>BNH421</td>
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### OC35D (Outdoor Condenser Specs)

<table>
<thead>
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<th>Condenser Model</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Fan Motor Qty.</th>
<th>HP</th>
<th>Refrigerant Connections</th>
<th>Weight / lbs.</th>
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</thead>
<tbody>
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<td>88</td>
<td>49</td>
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<td>1 3/8&quot; (2)</td>
<td>7/8&quot; (2)</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</th>
<th>90°F</th>
<th>95°F</th>
<th>100°F</th>
<th>105°F</th>
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<td>KW</td>
<td>EER</td>
<td>TONS</td>
<td>KW</td>
<td>EER</td>
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<td>10.4</td>
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### Product Dimensional Drawing

- **Base Frame**
- **Top View**
- **Front View**
- **Side View**
- **Back View**