Model: IEZA1S  Split-System, Air-Cooled 1 Ton Chiller

**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

**Options:**
- Remote Idec touchscreen control panel
- Industrial VPN Router
- 5 Port Ethernet Switch
- BacNet Gateway
- Process Pump VFD Controller
- VFD Compressor Control
- 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)
- Dual process pump with auto changeover
- 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 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

*Includes (Model OC1S) Outdoor Condenser*
Model: **IEZA1S**

**Split-System, Air-Cooled 1 Ton Chiller**

**Product Dimensional Drawing**
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**Dimensional & Electrical Table (Single Circuit)**

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Power</th>
<th>Compressor RLA ea.</th>
<th>LRA ea.</th>
<th>Fan Motor Qty.</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Weight / lbs.</th>
<th>Condenser Selection</th>
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</thead>
<tbody>
<tr>
<td>IEZA1S5</td>
<td>44</td>
<td>28</td>
<td>36</td>
<td>208/230V</td>
<td>1</td>
<td>60Hz</td>
<td>1</td>
<td>1.3</td>
<td>8.3</td>
<td>40.3</td>
<td>3.8</td>
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**OC1S (Outdoor Condenser Specs)**

<table>
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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>Discharge</th>
<th>Liquid</th>
<th>Weight / lbs.</th>
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<td>34</td>
<td>40</td>
<td>1</td>
<td>1/2</td>
<td>1/2&quot;</td>
<td>3/8&quot;</td>
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**Capacity Table (Refrigerant R407C)**

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<tr>
<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
<th>80°F TONS KW EER</th>
<th>90°F TONS KW EER</th>
<th>95°F TONS KW EER</th>
<th>100°F TONS KW EER</th>
<th>105°F TONS KW EER</th>
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<tr>
<td>1S ZR16K5E</td>
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<td>7.5</td>
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<td>1.3</td>
<td>6.8</td>
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<td>1.3</td>
<td>7.5</td>
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