**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
- 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
**Model: IEZA1.5S**  
**Split-System Air-Cooled 1.5 Ton Chiller**

### Dimensional & Electrical Table (Single Circuit)

<table>
<thead>
<tr>
<th>Chiller Models</th>
<th>Length Inches</th>
<th>Width Inches</th>
<th>Height Inches</th>
<th>Power</th>
<th>Compressor</th>
<th>Fan Motor</th>
<th>Chiller Fluid Conn.</th>
<th>Weight LBS.</th>
<th>Condenser Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEZA1.5S</td>
<td>44</td>
<td>28</td>
<td>36</td>
<td>208/230V 1 60Hz 1.0</td>
<td>13.5</td>
<td>68</td>
<td>3.8 20 30</td>
<td>1&quot; FPT</td>
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<td>IEZA1.5SF5</td>
<td>460V 3 60Hz</td>
<td>575V 3 60Hz</td>
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<td>8.0 58 4.2 29</td>
<td>1.5 15 15</td>
<td>FPT</td>
<td>15 15</td>
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</table>

### OC1.5S (Outdoor Condenser Specs)

<table>
<thead>
<tr>
<th>Condenser Model</th>
<th>Length Inches</th>
<th>Width Inches</th>
<th>Height Inches</th>
<th>Fan Motor</th>
<th>Refrigerant Connections</th>
<th>Weight / lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>OC1.5S</td>
<td>36</td>
<td>34</td>
<td>40</td>
<td>1/2</td>
<td>1/2&quot; 3/8&quot;</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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<tbody>
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<td>1.5S</td>
<td>ZS15KAE</td>
<td>42.0</td>
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<td>1.7</td>
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<td>44.0</td>
<td>1.9</td>
<td>1.7</td>
<td>9.1</td>
<td>1.8</td>
<td>8.1</td>
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<td>45.0</td>
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### Product Dimensional Drawing

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