**Model:** IEZAT1.5S  
**Split-System Air-Cooled 1.5 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 Bypass Capacity Control
- 24V control transformer
- Control circuit fusing
- Compressor motor contactor
- Painted - Powder Coated (Most Models), galvanized sheet metal cabinet
- 1/2” insulation on all water and 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:**
- Copeland Digital Scroll Compressor
- 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
- Condenser water regulating valve
- 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
- Stainless steel, SCH80 PVC or Polypropylene piping for deionized and reverse osmosis water systems
- Door Mounted HMI with weather proof cover

**Tank Options**
- Storage tank sight glass
- Tank low liquid level indicator with dry contacts
- Auto Tank Fill

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**Product Data Sheet**

Model: **IEZAT1.5S**

*Split-System Air-Cooled 1.5 Ton Chiller*

*with Stainless Steel Tank*

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

| Chiller Model | Length | Width | Height | Power | Compressor | RLA | LRA | Fan Motor FLA | Recirculation Pump FLA | MCA | M.O.P | Reservoir Gal. | Chiller Fluid Conn. | Weight LBS. | Condenser Selection |
|---------------|--------|-------|--------|-------|------------|-----|-----|-------|----------------|-----------------|-----|-------|----------------|---------------------|------------|-------------------|
| IEZAT1.5SSE5  | 36     | 34    | 65     | 208/230V 60Hz | 208/230V 60Hz | 1.3 | 68  | 3.8   | 4.2            | 25  | 35    | 20  | 1” FPT            | 600       | OC1.5S            |
| IEZAT1.5SFS5  | 208/230V 60Hz | 208/230V 60Hz | 1.8 | 8.9 | 1.5 | 1.9 | 7.4 | 1.5 | 2.0 | 1.5 | 2.2 | 6.5 |
| IEZAT1.5SSS5  | 460V   | 3       | 60Hz  | 4.2  | 29     | 1.5 | 0.9 | 15   | 15             |     |       |     |                  |           |                |
| IEZAT1.5SS5S  | 575V   | 3       | 60Hz  | 3.1  | 24     | 1.72| 0.72| 15   | 15             |     |       |     |                  |           |                |

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**Capacity Table (Refrigerant R407C)**

<table>
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<th>Model</th>
<th>Compressor</th>
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<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>1.9</td>
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</tbody>
</table>

* = Requires the use of glycol.

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**Product Dimensional Drawing**

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