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 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

*Includes (Model OC35D) Outdoor Condenser
PRODUCT DATA SHEET

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

Legacy Chillers, Inc.
851 Tech Drive
Telford, PA 18969
Toll-Free: (877) 988-5464

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 RLA ea.</th>
<th>Fan Motor Qty.</th>
<th>FLA.</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Chiller Fluid Conn.</th>
<th>Weight LBS.</th>
<th>Condenser Selection</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEZA35DF5</td>
<td>85</td>
<td>34</td>
<td>42</td>
<td>208/230V</td>
<td>3 60Hz</td>
<td>73.1</td>
<td>505</td>
<td>7</td>
<td>200</td>
<td>250</td>
<td>1600</td>
<td>OC35D</td>
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<tr>
<td>IEZA35DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>30.1</td>
<td>225</td>
<td>3.5</td>
<td>90</td>
<td>110</td>
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<tr>
<td>IEZA35DI5</td>
<td>575V</td>
<td>3</td>
<td>60Hz</td>
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<td>70</td>
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OC35D (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</th>
<th>Weight / lbs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>OC35D</td>
<td>127</td>
<td>88</td>
<td>49</td>
<td>4</td>
<td>1 3/8&quot; (2)</td>
<td>7/8&quot; (2)</td>
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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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</thead>
<tbody>
<tr>
<td>35D</td>
<td>ZR250KCE</td>
<td>42.0</td>
<td>35.4</td>
<td>33.0</td>
<td>33.9</td>
<td>33.3</td>
<td>33.3</td>
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<td>44.0</td>
<td>36.7</td>
<td>33.3</td>
<td>35.1</td>
<td>34.4</td>
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<tr>
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<td>45.0</td>
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<tr>
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<td>50.0</td>
<td>40.3</td>
<td>34.5</td>
<td>38.7</td>
<td>37.8</td>
<td>37.8</td>
</tr>
</tbody>
</table>

1. Capacities on this chart are based on refrigerant R407C. Lower leaving water or low ambient can require the use of a glycol solution or other fluid blends. These solutions affect unit capacities. Please consult the factory on these or other special fluids.
2. KW input is for compressor(s) only.
3. EER = Energy Efficiency Ratio (BTU/watt-hour). Power inputs include compressor(s), condenser fan motor(s) and control power.

Product Dimensional Drawing