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**
- **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
- 1/2” insulation on all water and low pressure refrigerant lines
- Liquid line drier, sight glass, solenoid, TXV
- Galvanized sheet metal cabinet & frame
- 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
- EC Condenser Fan Motors (micro processor controlled)
- Non Fused Disconnect
- 4 year extended compressor warranty
- 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
- Hot gas by-pass capacity control
- Compressor fusing
- Compressor Sound Cover
- Flooded cond. w/receiver/head pressure control (0°F)
- Heated, flooded cond. w/receiver/head pressure control (-20°F)
- Factory installed evaporator heat tape freeze protection
- Fused, STAINLESS STEEL process pump
- Dual process pump with manual changeover
- Dual process pump with auto changeover
- Pump suction isolation valve
- Water pressure gauge set
- Water Flow Meter
- Copper finned condenser coil (coastal protection)
- BohnGuard™ coated condenser coil (coastal protection)
- Epoxy or Phenolic coated fins (coastal protection)
- Door Mounted HMI with weather proof cover
PRODUCT DATA SHEET

Model: PZA35D
Packaged Air-Cooled
35 Ton Chiller

Legacy Chiller Systems
851 Tech Drive
Telford, PA 18969
Toll-Free: (877) 988-5464

Dimensional & Electrical Table (Dual Circuit)

<table>
<thead>
<tr>
<th>Chiller Model</th>
<th>Length Inches</th>
<th>Width Inches</th>
<th>Height Inches</th>
<th>Power Compressor</th>
<th>RLA Qty</th>
<th>LRA Qty</th>
<th>Meas. HP</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Fluid Conn.</th>
<th>Weight Pounds</th>
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<tbody>
<tr>
<td>PZA35DF5</td>
<td>176.5</td>
<td>88</td>
<td>55</td>
<td>208/230V 3 60Hz</td>
<td>2</td>
<td>20</td>
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<td>505</td>
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<td>460V 3 60Hz</td>
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<td>575V 3 60Hz</td>
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Capacity Table (Refrigerant R407C)

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<th>Model</th>
<th>Compressor</th>
<th>LWT °F</th>
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<th>80°F KW</th>
<th>80°F EER</th>
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<th>90°F KW</th>
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Product Dimensional Drawing