# J&M Fluidics, Inc. - Product Data Sheet

**Model:** IEZA22D  
**Split-System, Air-Cooled 22 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 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 OC22D) Outdoor Condenser*
Model: IEZA22D  
Split-System, Air-Cooled 22 Ton Chiller

Product Dimensional Drawing
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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</th>
<th>RLA ea.</th>
<th>LRA ea.</th>
<th>Fan Motor Qty.</th>
<th>Fan Motor FLA</th>
<th>MCA</th>
<th>M.O.P</th>
<th>Chiller Fluid Conn.</th>
<th>Weight LBS.</th>
<th>Condenser Selection</th>
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</thead>
<tbody>
<tr>
<td>IEZA22DF5</td>
<td>65</td>
<td>30</td>
<td>37</td>
<td>2</td>
<td>12</td>
<td>49.4</td>
<td>300</td>
<td>3.8</td>
<td>150</td>
<td>175</td>
<td>1.5° FPT</td>
<td>1750 OC22D</td>
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<tr>
<td>IEZA22DH5</td>
<td>460V</td>
<td>3</td>
<td>60Hz</td>
<td>23.1</td>
<td>150</td>
<td>4</td>
<td>1.5</td>
<td>60</td>
<td>80</td>
<td>1.72</td>
<td>60</td>
<td>70</td>
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<td>IEZA22DI5</td>
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<td>60Hz</td>
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<td>109</td>
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<td>60</td>
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<td>70</td>
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OC22D (Outdoor Condenser Specs)

<table>
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<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>
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<tbody>
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<td>OC22D</td>
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<td>75</td>
<td>49</td>
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Capacity Table (Refrigerant R407C)

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<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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<tr>
<td>22D</td>
<td>ZB95KCE</td>
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<td>20.9</td>
<td>18.0</td>
<td>12.0</td>
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