

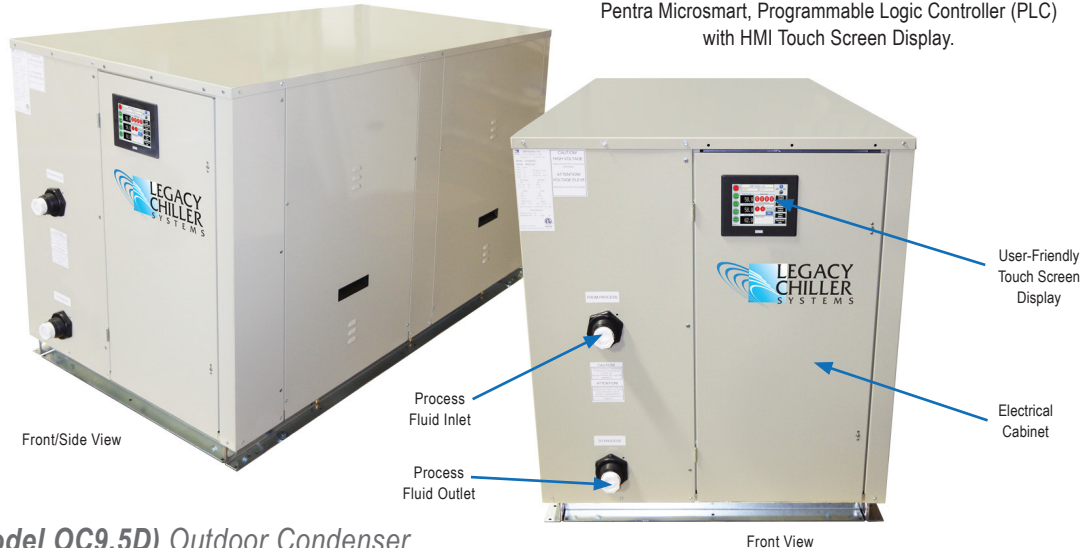
PRODUCT DATA SHEET

Model: **IEZA9.5D**
*Split-System Air-Cooled
9.5 Ton Chiller*



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

STANDARD ON ALL LEGACY CHILLER MODELS:
Pentra Microsmart, Programmable Logic Controller (PLC)
with HMI Touch Screen Display.



**Includes (Model OC9.5D) Outdoor Condenser*

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

**Easy to Use
Touch Screen Display
on all Legacy Chiller
Models**



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

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Dimensional & Electrical Table (Dual Circuit)

| Chiller Models | Length Inches | Width Inches | Height Inches | Power | | | Compressor | | RLA ea. | LRA ea. | Fan Motor | | MCA | M.O.P | Chiller Fluid Conn. | Weight LBS. | Condenser Selection |
|----------------|---------------|--------------|---------------|----------|-------|-------|------------|----|---------|---------|-----------|------|-----|-------|---------------------|-------------|---------------------|
| | | | | Voltage | Phase | Freq. | Qty. | HP | | | Qty. | FLA. | | | | | |
| IEZA9.5DE5 | 65 | 30 | 37 | 208/230V | 1 | 60Hz | 2 | 5 | 25.0 | 129 | 2 | 3.8 | 70 | 80 | 1.25" FPT | 1100 | OC9.5D |

OC9.5D (Outdoor Condenser Specs)

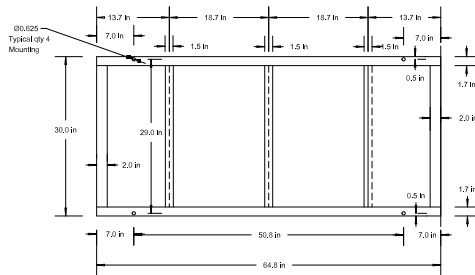
| Condenser Model | Length Inches | Width Inches | Height Inches | Fan Motor | | Refrigerant Connections | | Weight / lbs. |
|-----------------|---------------|--------------|---------------|-----------|-----|-------------------------|----------|---------------|
| | | | | Qty. | HP | Discharge | Liquid | |
| OC9.5D | 75 | 34 | 47 | 2 | 1/2 | 3/4" (2) | 1/2" (2) | 655 |

Capacity Table (Refrigerant R407C)

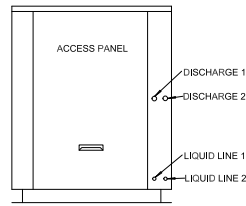
| Model | Compressor | LWT °F | 80°F | | | 90°F | | | 95°F | | | 100°F | | | 105°F | | |
|-------|------------|--------|------|-----|------|------|-----|------|------|------|------|-------|------|-----|-------|------|-----|
| | | | TONS | KW | EER | TONS | KW | EER | TONS | KW | EER | TONS | KW | EER | TONS | KW | EER |
| 9.5D | ZB42KCE | 42.0 | 9.8 | 8.4 | 11.8 | 9.3 | 9.4 | 10.2 | 9.1 | 9.9 | 9.5 | 8.8 | 10.5 | 8.8 | 8.6 | 11.2 | 8.1 |
| | | 44.0 | 10.2 | 8.5 | 12.1 | 9.7 | 9.5 | 10.5 | 9.4 | 10.1 | 9.7 | 9.2 | 10.6 | 9.0 | 8.9 | 11.3 | 8.3 |
| | | 45.0 | 10.3 | 8.6 | 12.3 | 9.8 | 9.6 | 10.6 | 9.6 | 10.1 | 9.9 | 9.3 | 10.7 | 9.2 | 9.1 | 11.4 | 8.4 |
| | | 50.0 | 11.2 | 8.9 | 13.0 | 10.7 | 9.8 | 11.3 | 10.5 | 10.4 | 10.5 | 10.2 | 11.0 | 9.8 | 9.9 | 11.7 | 9.0 |



Product Dimensional Drawing



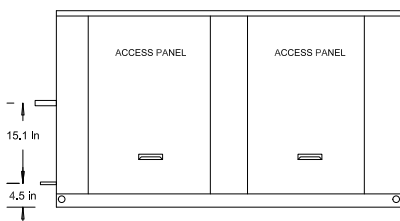
FRAME LAYOUT



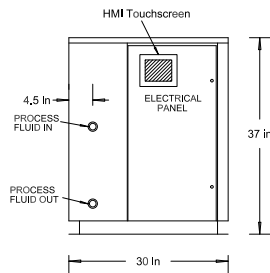
BACK VIEW



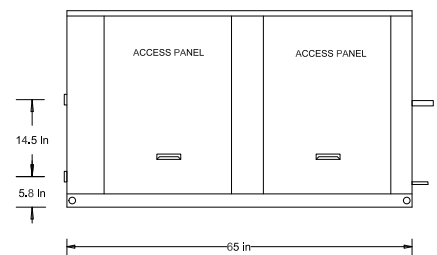
TOP VIEW



LEFT SIDE VIEW



FRONT VIEW



RIGHT SIDE VIEW