

# PRODUCT DATA SHEET

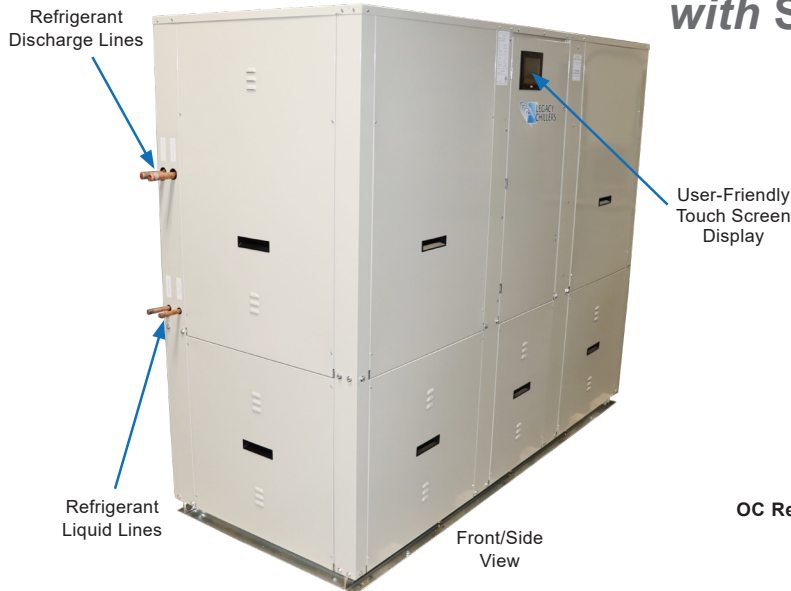
Model: IEZAT25D  
Split-System Air-Cooled  
25 Ton Chiller



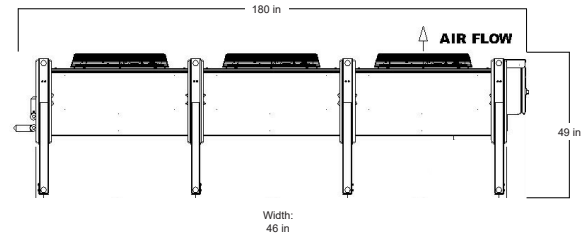
Legacy Chillers, Inc.  
851 Tech Drive  
Telford, PA 18969  
Toll-Free: (877) 988-5464

with Stainless Steel Tank

**R454C  
Refrigerant**



**STANDARD ON ALL LEGACY CHILLER MODELS:**  
Pentra Microsmart, Programmable Logic Controller (PLC) with HMI Touch Screen Display.  
Condenser Model (OC25D)



**OC Refrigerant Connections:** Discharge Line- 1 1/8" (2), Liquid Line- 5/8" (2)

## Standard Features:

- Conforms to UL 60335-2-40:2022 Ed.4  
UL 60335-1:2016 Ed.6
- CSA C22.2 # 60335-1:2016 Ed.2
- CSA C22.2 # 60335-2-40:2022 Ed.4
- **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**
- Liquid line drier, sight glass, solenoid
- Electronic expansion valve
- Manual high pressure cutout
- **Water flow switch**
- **Hot Gas Bypass Capacity Control**
- **24V control transformer**
- Control circuit fusing
- Compressor motor contactor
- **Galvanized sheet metal cabinet**
- 1/2" insulation on all water and refrigerant lines
- Complete refrigerant charge from factory
- **Factory Performance Test prior to shipment**



## Options:

- **VFD Compressor Control** on primary compressor
- **Remote Idec touchscreen control panel**
- **5 Port Ethernet Switch**
- **BacNet Gateway**
- **Process Pump VFD Controller**
- 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 weather proof cover

## 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

## Tank Options

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

