



Brewery Chillers



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

LEGACY CHILLERS, INC. – PRODUCT DATA SHEET

Model: IEZATB18D Split-System Air-Cooled 18 HP Brewery Chiller

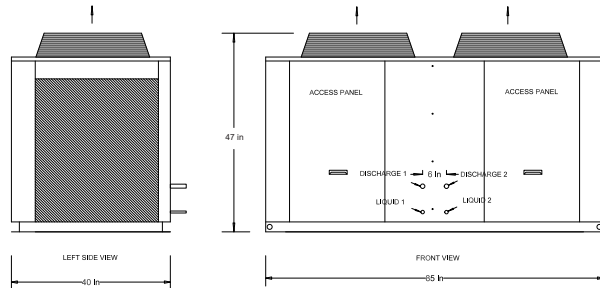


R454C Refrigerant

with Stainless Steel Tank

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

Also comes with - Outside Condenser Model (OC18D)



OC Refrigerant Connections: Discharge Line- 7/8" (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**
- **Door Mounted HMI with weather proof cover**
- **5 Port Ethernet Switch** (Chiller remote network access control and Modbus capability)
- **Remote SMTP services for email alerts**
- **STAINLESS STEEL Tank**
- **STAINLESS STEEL Process Pump**
- **Pump Isolation Valves**
- **Fused, STAINLESS STEEL evaporator pump**
- **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**
- **Fluid 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**
- **Painted (Powder Coat), galvanized sheet metal cabinet**
- **1/2" insulation on all fluid and Low pressure refrigerant lines**
- **Complete refrigerant charge from factory**
- **Factory performance test prior to shipment**



Options:

- **Compressor VFD Controller**
- **Remote Idec touchscreen control panel**
- **BacNet Gateway**
- **Process Pump VFD Controller**
- **Condenser Fan VFD Controller**
- **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 control (-20°F)**
- **Water flow meter**
- **Low flow bypass**
- **Dual process pump with auto changeover**
- **Pump suction isolation valve**
- **Water pressure gauge set**
- **Coastal powder coat paint protection**
- **E-Coat Condenser Coil (coastal protection)**
- **Storage tank sight glass**



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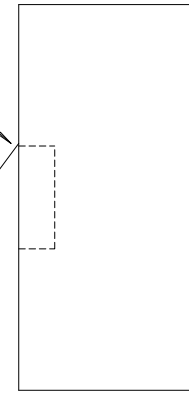
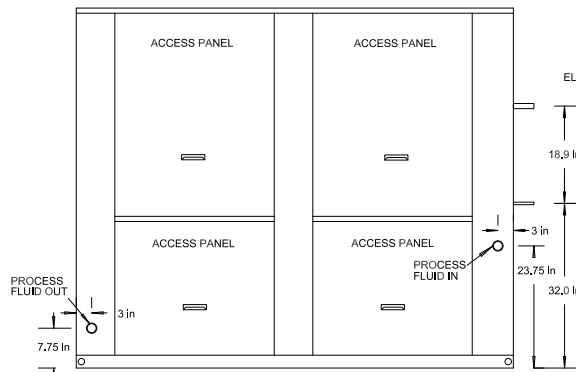
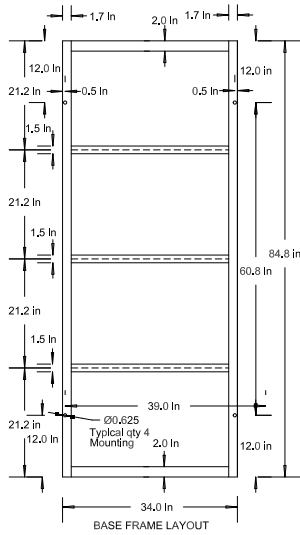
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Split-System Air-Cooled 18 HP Brewery Chiller

Product Dimensional Drawing

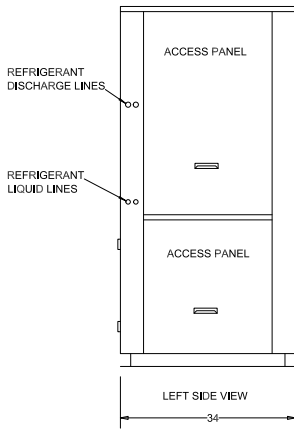
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with Stainless Steel Tank

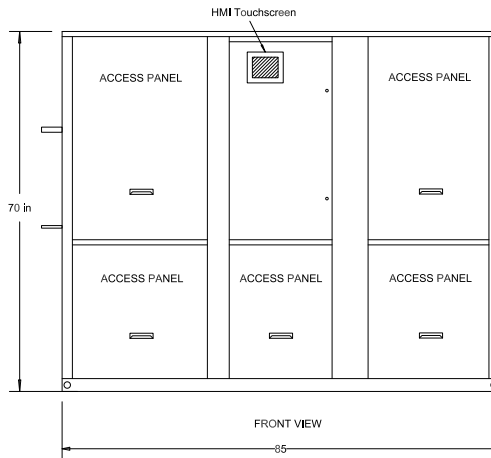


BACK VIEW

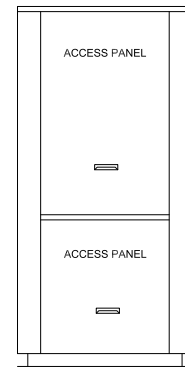
TOP VIEW



LEFT SIDE VIEW



FRONT VIEW



Dimensional & Electrical Table (Dual Circuit)

Chiller System	Brewery Model	Capacity (90°F Ambient)		Glycol Pump (HP)	Tank	Dimensions			Ship Weight	Operating Weight	Electrical Data			Glycol Fitting Connections
		28°F Glycol	33°F Glycol			Length	Width	Height			Voltage / Phase / HZ	MCA	MOP	
18 HP	IEZATB18DF8	161200	180200	3	120	85	34	70	1985	2770	208/230-3-60	99	125	1 1/2"
	IEZATB18DH8										460-3-60	47	60	
	IEZATB18D18										575-3-60	35	45	

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