

Brewery Chillers

FLUIDICS

It's All about Building a Better Product for Our Clients!

J&M Fluidics, Inc. — 851 Tech Drive, Telford, PA 18969
Toll-Free: (888) 539-1731 • Fax: 267-203-8786

J&M FLUIDICS, INC. – PRODUCT DATA SHEET

Model: IEZATB18D

Split-System, Air-Cooled 18 HP Brewery Chiller *with* Stainless Steel Tank

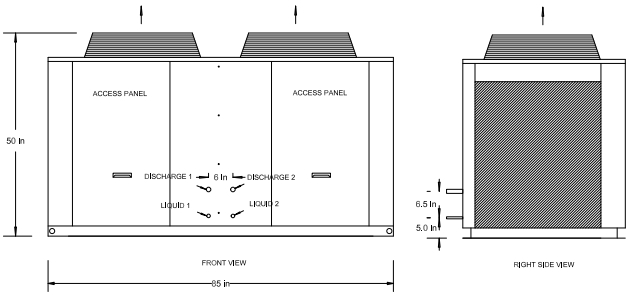


Process Fluid Inlet & Outlet On Backside

Front View

STANDARD ON ALL J&M 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
- Tank recirculation pump
- **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

R454C Refrigerant

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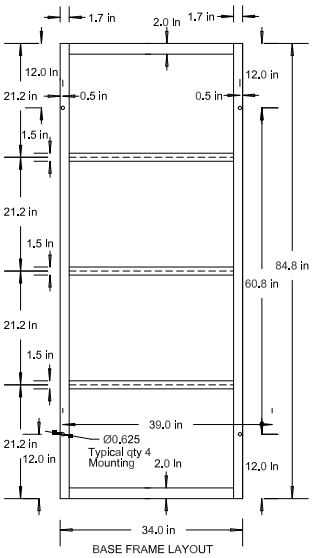
with Stainless Steel Tank

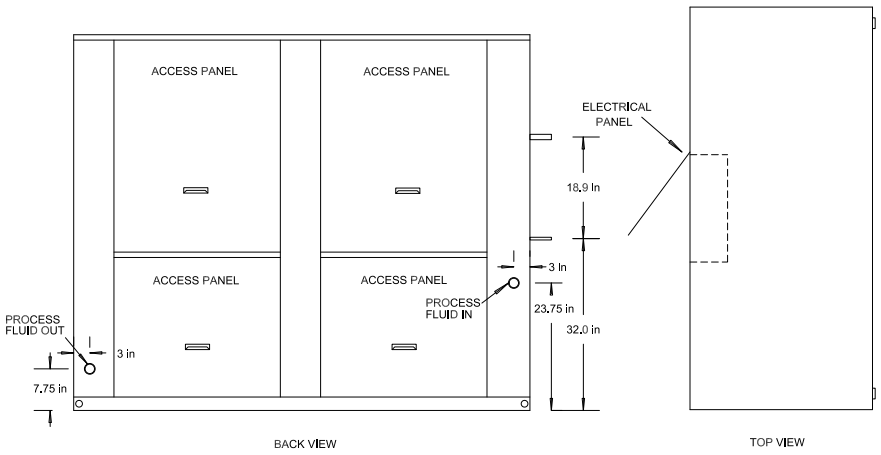
R454C Refrigerant

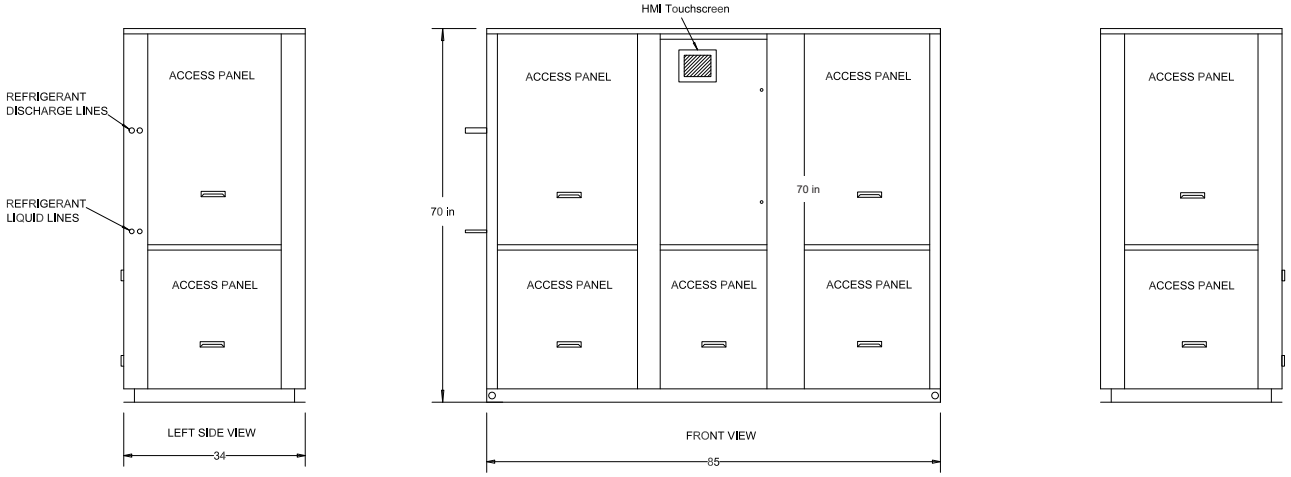
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Product Dimensional Drawing

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Dimensional & Electrical Table (Dual Circuit)

Chiller System	Brewery Model	Capacity (90ºF Ambient)		Glycol Pump (HP)	Tank	Dimensions			Ship Weight	Operating Weight	Electrical Data			Glycol Fitting Connections
		28ºF Glycol	33ºF 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	
	IEZATB18DI8										575-3-60	35	45	

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