



Brewery Chillers



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

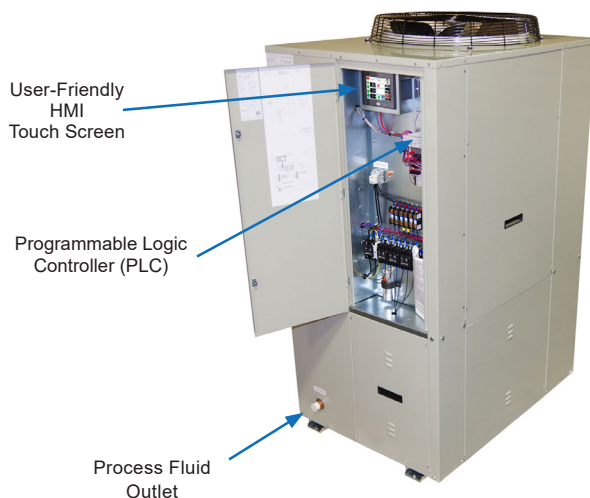
Model: **PZATB5S**

Packaged Air-Cooled 5 HP Brewery Chiller

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

with Stainless Steel Tank

**R454A
Refrigerant**



Standard Features:

- **Conforms to UL 60335-2-40:2022 Ed.4**
UL60335-1:2016 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:

- **Remote Idec touchscreen control panel**
- **BacNet Gateway**
- **Process Pump VFD Controller**
- **Condenser Fan VFD Controller**
- **Compressor 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

J&M FLUIDICS, INC. – PRODUCT DATA SHEET



Brewery Chillers



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

Model: **PZATB5S**

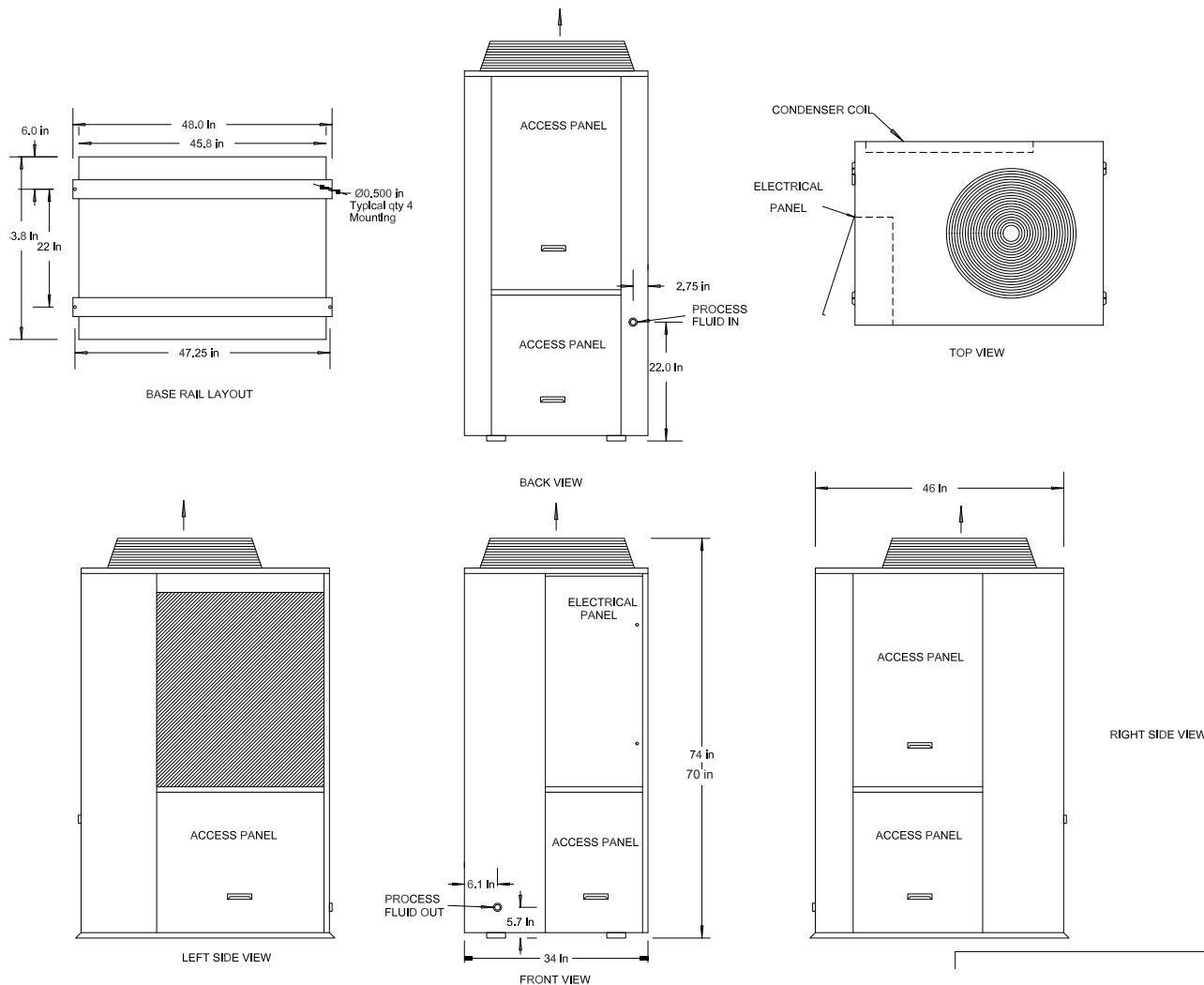
Packaged Air-Cooled 5 HP Brewery Chiller

Product Dimensional Drawing

© Property of J&M Fluidics, Inc.

with Stainless Steel Tank

R454A
Refrigerant



Dimensional & Electrical Table (Single 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	
5 HP	PZATB5SE7	45200	50400	1	50	46	34	70	800	1085	208/230-1-60	43	70	1 1/4"
	PZATB5SF7										208/230-3-60	33	50	
	PZATB5SH7										460-3-60	13	20	
	PZATB5SI7										575-3-60	10	15	