



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: PZATB22D

Packaged Air-Cooled 22 HP Brewery Chiller

STANDARD ON ALL J&M MODELS:

Pentra Microsmart, Programmable Logic Controller (PLC)
with HMI Touch Screen Display.

with Stainless Steel Tank

R454C Refrigerant

User-Friendly HMI Touch Screen
Programmable Logic Controller (PLC)



Front View



Process Fluid Outlet & Inlet On Backside

Front/Left Side View

Standard Features:

- ETL listed to UL/CSA 60335-2-40
- 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
- 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
- Liquid line drier, sight glass, solenoid, TXV
- Complete refrigerant charge from factory
- Factory Performance



Test prior to shipmen



Easy to Use Touch Screen Display on ALL J&M Chiller Models

Options:

- Remote Idec touchscreen control panel
- Industrial VPN Router
- 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
- Copper finned condenser coil (coastal protection)
- Coastal powder coat paint protection
- E-Coat Condenser Coil (coastal protection)
- Storage tank sight glass



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: **PZATB22D**

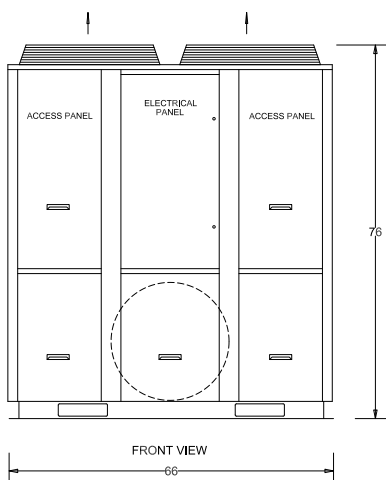
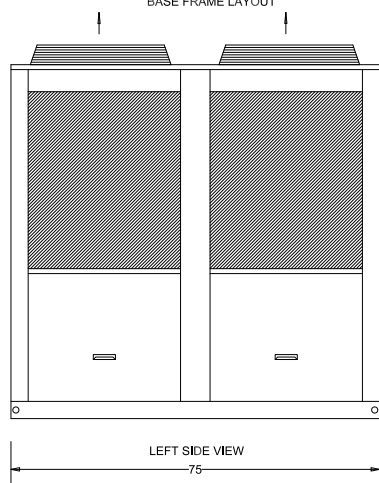
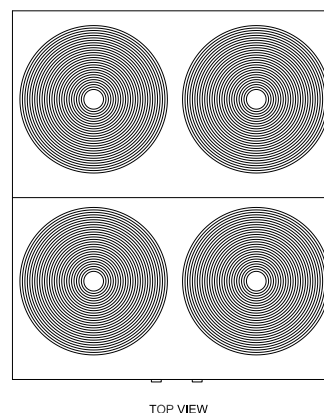
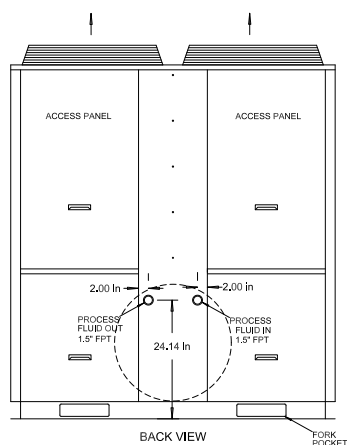
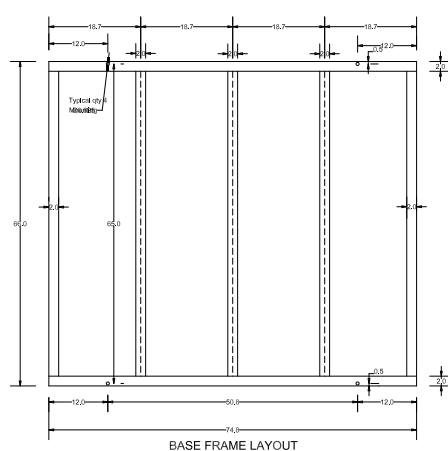
Packaged Air-Cooled 22 HP Brewery Chiller

Product Dimensional Drawing

© Property of J&M Fluidics, Inc.

***with* Stainless Steel Tank**

R454C
Refrigerant



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 Connection
		28°F Glycol	33°F Glycol			Length	Width	Height			Voltage / Phase / HZ	MCA	MOP	
22 HP	PZATB22DF8	198800	222200	3	120	75	66	76	2500	3210	208/230-3-60	130	150	2"
	PZATB22DH8										460-3-60	59	80	
	PZATB22DI8										575-3-60	52	70	

J&M FLUIDICS, INC. – PRODUCT DATA SHEET