



# Brewery Chillers



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

Model: **PZATB4.5S**

**Packaged Air-Cooled 4.5 HP Brewery Chiller**

Side/Front View

User-Friendly HMI Touch Screen (Inside Electrical Cabinet)



Back/Side View



**with Stainless Steel Tank**

**STANDARD ON ALL LEGACY MODELS:**

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

**R454C 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

LEGACY CHILLERS, INC. – PRODUCT DATA SHEET



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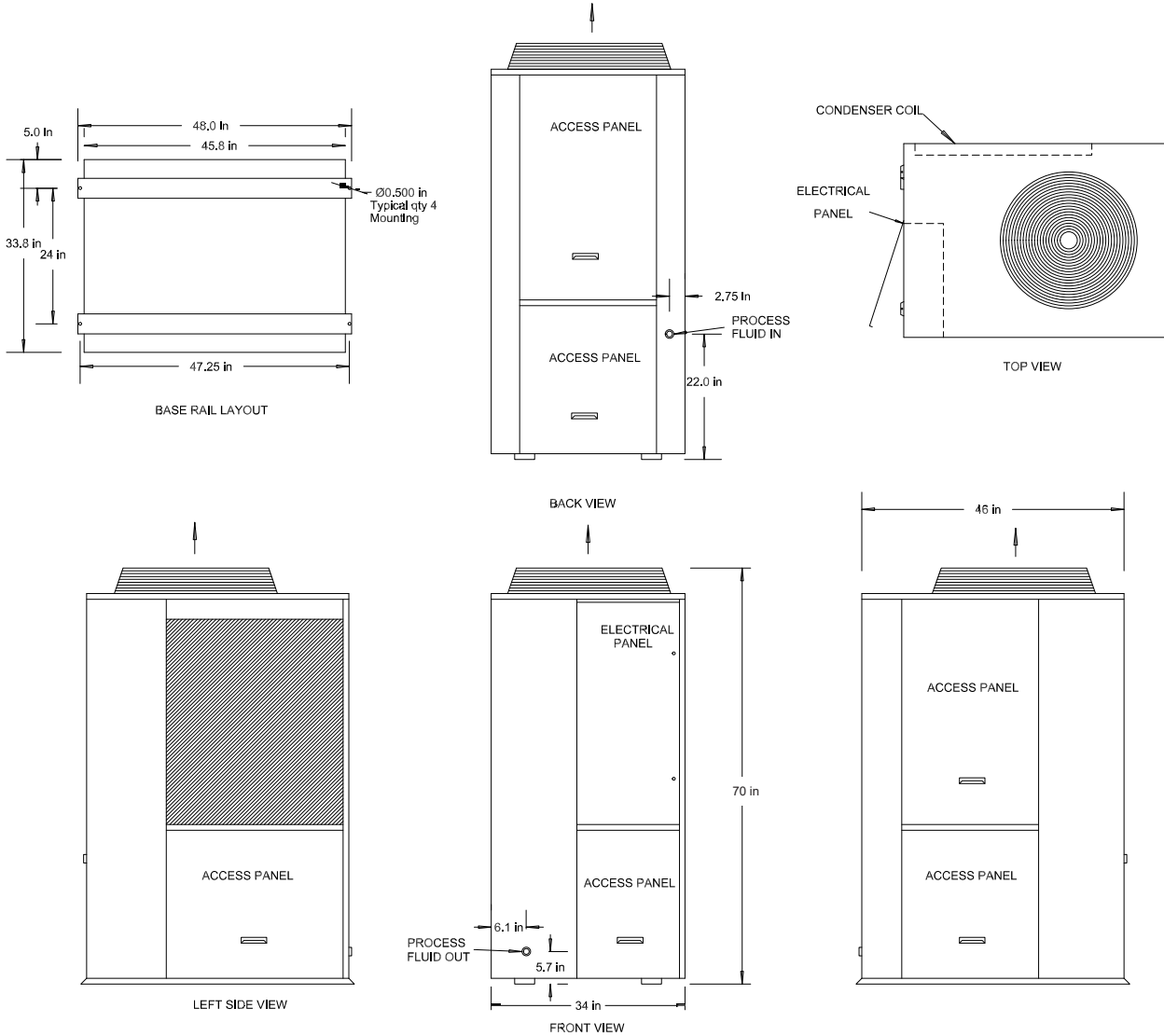
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## Product Dimensional Drawing

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*with Stainless Steel Tank*



**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	
4.5 HP	PZATB4.5SE8	39100	43700	1	50	46	34	70	800	1085	208/230-1-60	43	70	1 1/4"
	PZATB4.5SF8										208/230-3-60	33	50	
	PZATB4.5SH8										460-3-60	13	20	
	PZATB4.5SI8										575-3-60	10	15	

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