

Brewery Chillers

Legacy Chillers, Inc.
851 Tech Drive
Telford, PA 18969

Toll-Free: (877) 988-5464

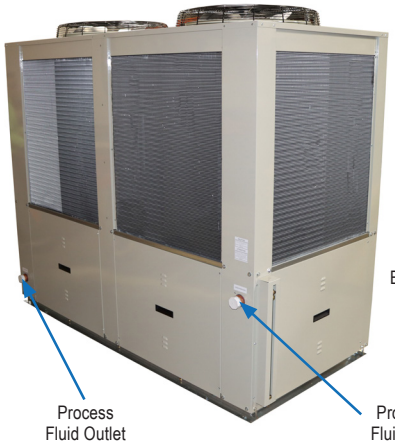
LEGACY CHILLERS, INC. – PRODUCT DATA SHEET

Model: PZATB18D

Packaged Air-Cooled 18 HP Brewery Chiller

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
- 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:

- **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

© Property of Legacy Chillers, Inc.



Brewery Chillers

Legacy Chillers, Inc.
851 Tech Drive
Telford, PA 18969

Toll-Free: (877) 988-5464

LEGACY CHILLERS, INC. – PRODUCT DATA SHEET

Model: PZATB18D

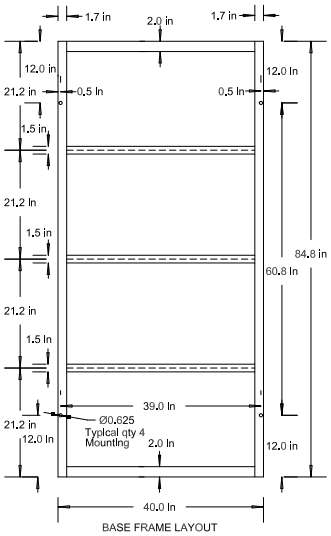
Packaged Air-Cooled 18 HP Brewery Chiller

with Stainless Steel Tank

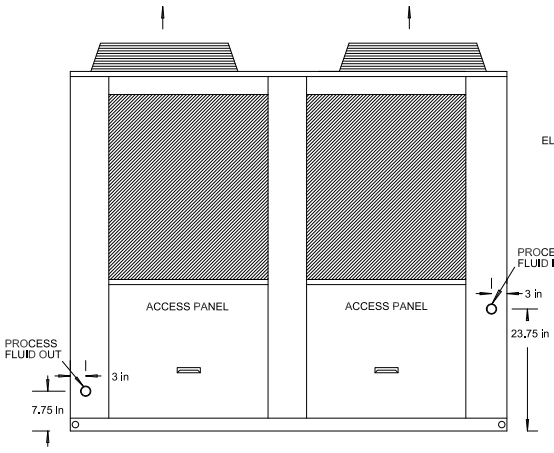
Product Dimensional Drawing

© Property of Legacy Chillers, Inc.

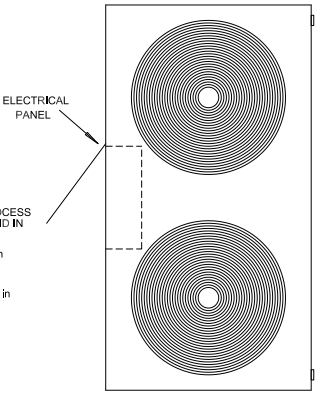
Intertek



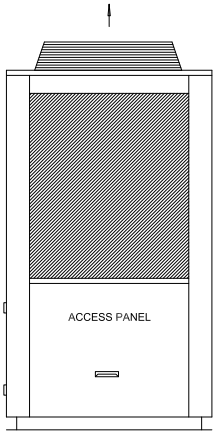
BASE FRAME LAYOUT



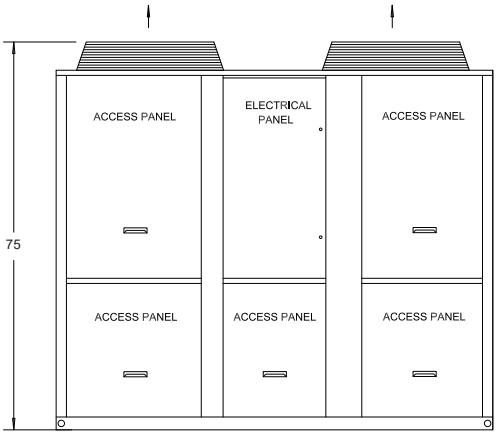
BACK VIEW



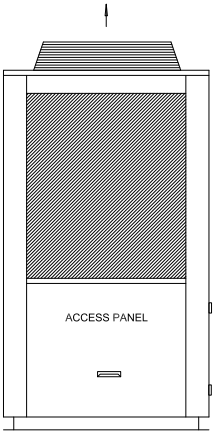
TOP VIEW



LEFT SIDE VIEW
40



FRONT VIEW
85



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	PZATB18DF8	161200	180200	3	120	85	40	75	1985	2770	208/230-3-60	99	125	1 1/2"
	PZATB18DH8										460-3-60	47	60	
	PZATB18DI8										575-3-60	35	45	

© Property of Legacy Chillers, Inc.