

PRODUCT DATA SHEET

Model: PZAT8S
Packaged Air-Cooled
8 Ton Chiller



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



with Stainless Steel Tank



Standard Features:

- ETL listed to UL1995 & CAN/CSA C22.2 No. 236-11, 4th edition, 10/14/2011
- Single point power connection
- Pentra Microsmart, Programmable Logic Controller (PLC) with easy to use HMI touch screen display
- STAINLESS STEEL Tank
- Fused, STAINLESS STEEL recirculation pump for tank
- STAINLESS STEEL, brazed plate evaporator
- Scroll compressor with crankcase heater
- Suction accumulator
- Water flow switch
- Hot gas by-pass capacity control
- 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 Coated), galvanized sheet metal cabinet
- 1/2" insulation on all water and Low pressure refrigerant lines
- Liquid line drier, sight glass, solenoid, TXV
- Complete refrigerant charge from factory
- Factory Performance Test prior to shipment

Options:

- ETL listed to UL1995 & CAN/CSA C22.2 No. 236-11, 4th edition, 10/14/2011
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Easy to Use
Touch Screen Display
on all Legacy Chiller
Models



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Dimensional & Electrical Table (Single Circuit)

Chiller Models	Length Inches	Width Inches	Height Inches	Power			Compressor		RLA ea.	LRA ea.	Fan Motor		Recirculation Pump FLA	MCA	M.O.P.	Reservoir Gal.	Chiller Fluid Conn.	Weight Pounds	
				Voltage	Phase	Freq.	Qty.	HP			Qty.	FLA.							
PZAT8SF5	75	34	76	208/230V	3	60Hz	1	9	30.1	225	2	3.8	6.6	60	80	80	1.25" FPT	1150	
PZAT8SH5				460V	3	60Hz			15.5	114		1.5		1.7	25				35
PZAT8SI5				575V	3	60Hz			12.1	80		1.72		1.5	25				30

* = Requires the use of glycol. **Capacity Table (Refrigerant R407C)**

Model	Compressor	LWT °F	80°F			90°F			95°F			100°F			105°F		
			TONS	KW	EER	TONS	KW	EER	TONS	KW	EER	TONS	KW	EER	TONS	KW	EER
8S	ZB66KCE	*42.0	6.7	7.1	10.9	6.5	7.8	9.7	6.3	8.2	9.1	6.1	8.6	8.5	5.9	9.0	8.0
		*44.0	7.1	7.2	11.2	6.8	7.9	9.9	6.6	8.3	9.3	6.4	8.6	8.8	6.2	9.1	8.2
		45.0	7.2	7.2	11.4	7.0	7.9	10.1	6.8	8.3	9.5	6.5	8.7	8.9	6.3	9.1	8.4
		50.0	8.0	7.4	12.0	7.8	8.1	10.7	7.5	8.5	10.1	7.3	8.8	9.6	7.1	9.3	8.9

- Capacities on this chart are based on refrigerant R407C. Lower leaving water or low ambient can require the use of a glycol solution or other fluid blends. These solutions affect unit capacities. Please consult the factory on these or other special fluids.
- KW input is for compressor(s) only.
- EER = Energy Efficiency Ratio (BTU/watt-hour). Power inputs include compressor (s), condenser fan motor (s) and control power.

Product Dimensional Drawing

