PRODUCT DATA SHEET

Model: PZWPT4S

Packaged Water-Cooled
Portable 4 Ton Chiller



Legacy Chiller Systems

851 Tech Drive Telford, PA 18969

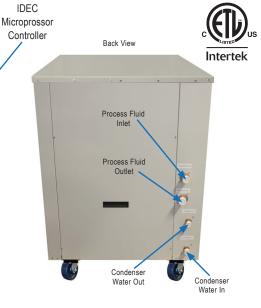
Toll-Free: (877) 988-5464

STANDARD ON ALL LEGACY CHILLER MODELS:

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

User-Friendly Touch Screen Display





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, brazed plate evaporator
- Scroll compressor with crankcase heater
- Suction accumulator
- Noncorrosive polyethylene storage tank with 1/2" insulation
- Fused, STAINLESS STEEL Process pump with discharge ball valve
- · Low flow by-pass valve
- · Water flow switch
- Hot Gas Bypass Capacity Control
- 24V control transformer
- · Rust resistant, high CFM, aluminum condenser fan blade
- Condenser (Water cooled): Coaxial Steel tube / Copper tube
- · Compressor motor and process pump contactors
- · Process pump and control circuit fusing
- Casters (factory mounted)
- 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
- Extended warranty: See your quote or latest IOM booket revision

Easy to Use Touch Screen Display on all Legacy Chiller Models



Options:

- · Remote Idec touchscreen control panel
- · Industrial VPN Router
- · 5 Port Ethernet Switch
- BacNet Gateway
- Process Pump VFD Controller
- VFD Compressor Controller
- 4 year extended compressor warranty
- · 115 volt (rain tight) service outlet
- · Fused Disconnect
- Non Fused Disconnect
- Phase monitor, line voltage monitor offering protection against phase loss/reversal, unbalance and hi/lo voltage
- · Compressor fusing
- · Compressor sound cover
- Factory installed evaporator heat tape freeze protection
- · Process pump suction isolation valve
- · Water pressure gauge set
- Stainless steel, SCH80 PVC or Polypropylene piping for de-ionized and reverse osmosis water systems
- · Storage Tank Sight Glass
- · Tank low fluid level indicator
- Tank auto city water make up solenoid & auto level switch
- Condenser water regulating valve (Water Cooled Models)
- · Coastal powder coat paint protection
- Custom powder coat paint color scheme (Company Colors & more)
- · Weather Proof HMI Cover

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Dimensional & Electrical Table (Single Circuit)

Chiller Models	Length Inches	Width Inches	Height Inches	Power			Compressor				Process			Process		Chiller	Condenser	
				Voltage	Phase	Freq.	Qty.	НР	RLA ea.	LRA ea.	Pump FLA	MCA	M.O.P	Pump HP	Reservoir Gal.	Fluid Conn.	Water Conn.	Weight Pounds
PZWPT4SE5		34	41	208/230V	1	60Hz	lz lz	5	27.1	175	7.9	45	60	1.5	21	1" FPT	1" FPT	425
PZWPT4SF5	46			208/230V	3	60Hz			18.6	128	7.9	35	45					
PZWPT4SH5	40			460V	3	60Hz			8.0	63	2.5	15	15					
PZWPT4SI5				575V	3	60Hz			6.3	50	1.5	15	15					

Capacity Table (Refrigerant R407C)

Model	Compressor	LWT	105°F Condensing					
Model	Compressor	°F	TONS	KW	EER			
		42.0	4.60	3.9	13.4			
48	ZB38KCE	44.0	4.80	3.9	13.8			
45	ZBJONGE	45.0	4.90	3.9	14.2			
		50.0	5.40	4.0	15.4			

Product Dimensional Drawing



