Model: PZWT2S
Packaged Water-Cooled
2 Ton Chiller

STANDARD ON ALL LEGACY CHILLER MODELS:
• 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
• Water flow switch
• Hot Gas Bypass Capacity Control
• 24V control transformer
• Control circuit fusing
• Condenser(s): Coaxial up to PZW22D
• Condenser(s): Shell and Tube PZW26D through PZW52D
• Compressor motor contactor
• Painted - Powder Coated (Most Models), galvanized sheet metal cabinet
• 1/2” insulation on all water and 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 booklet revision

Tank
• STAINLESS STEEL storage tank with 1/2 inch insulation
• Fused, STAINLESS STEEL re-circulation pump for tank operation with ball valve and cleanable strainer
• Tank pressure relief valve, vent and drain hose bibs

Options:
• Remote Idec touchscreen control panel
• Industrial VPN Router
• 5 Port Ethernet Switch
• BacNet Gateway
• Process Pump VFD Controller
• VFD Compressor Control
• 4 year extended compressor warranty
• Casters (factory mounted)
• Condenser water regulating valve
• 115 volt (rain tight) service outlet
• 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
• Low flow by-pass valve
• Fused, STAINLESS STEEL process pump
• Dual system pump with manual changeover (some models)
• Dual system pump with auto changeover (some models)
• Pump suction isolation valve
• Water pressure gauge set
• Water Flow Meter
• Auto city water changeover panel with filter
• Tank City Water Makeup
• Stainless steel, SCH80 PVC or Polypropylene piping for deionized and reverse osmosis water systems
• Door Mounted HMI with weather proof cover

Tank Options
• Storage tank sight glass
• Tank low liquid level indicator with dry contacts

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**Dimensional & Electrical Table (Single Circuit)**

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**Capacity Table (Refrigerant R407C)**

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* = Requires the use of glycol.

**Product Dimensional Drawing**