



It's All about Building a Better Product for Our Clients!

J&M Fluidics, Inc.
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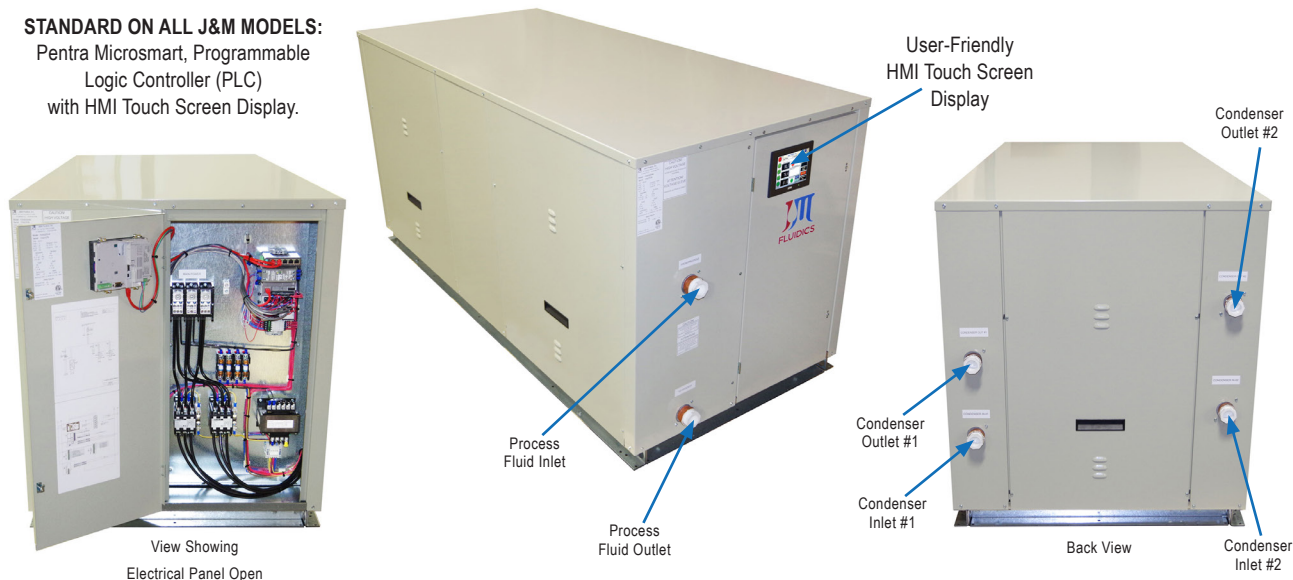
J&M FLUIDICS, INC. – PRODUCT DATA SHEET

Model: PZW15D

Packaged Water-Cooled 15 Ton Chiller

STANDARD ON ALL J&M MODELS:

Pentra Microsmart, Programmable Logic Controller (PLC) with HMI 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
- **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** (up to PZW22D), **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**



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
- Pump suction isolation valve
- Water pressure gauge set
- Water Flow Meter
- Auto city water changeover panel with filter
- Door Mounted HMI with weather proof cover



Easy to Use Touch Screen Display on ALL J&M Chiller Models



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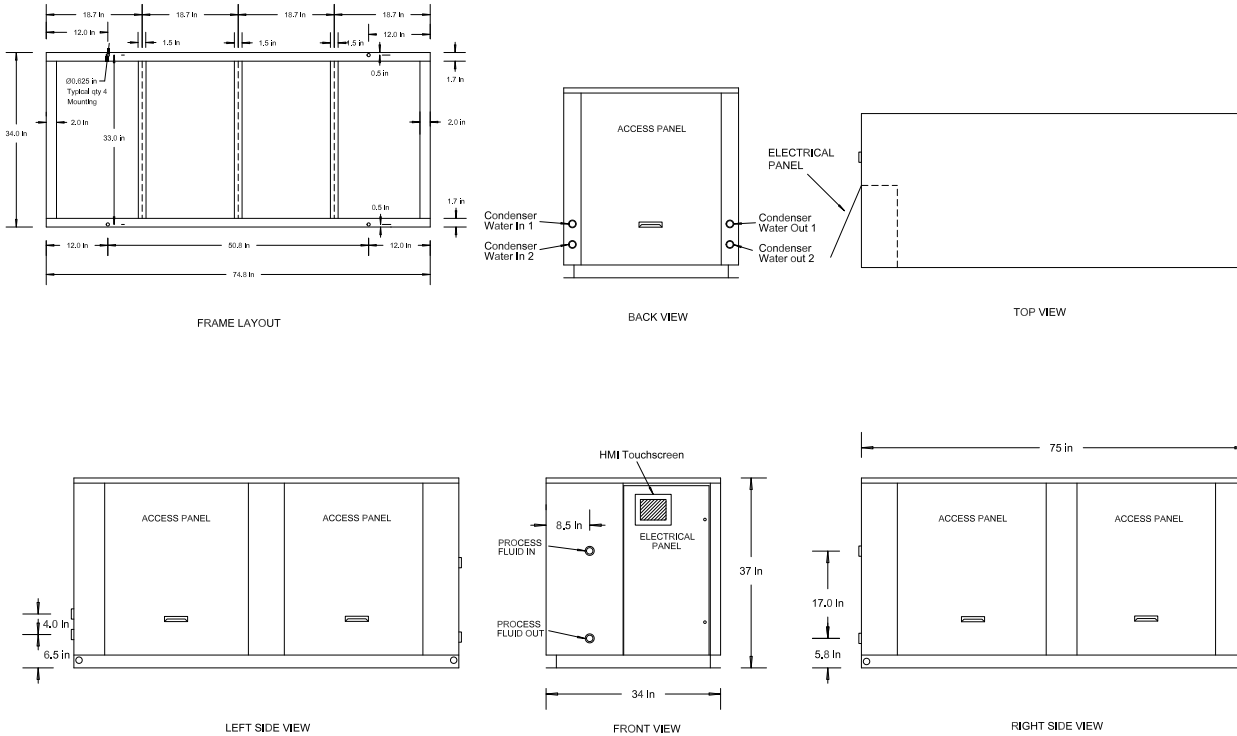
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Product Dimensional Drawing

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Dimensional & Electrical Table (Dual Circuit)

Chiller Models	Length Inches	Width Inches	Height Inches	Power			Compressor		RLA ea.	LRA ea.	MCA	M.O.P	Chiller Fluid Conn.	Weight Pounds
				Voltage	Phase	Freq.	Qty.	HP						
PZW15DF5	75	34	37	208/230V	3	60Hz	2	9	30.1	225	70	90	1.25" FPT	965
PZW15DH5				460V	3	60Hz			15.5	114	35	50		
PZW15DI5				575V	3	60Hz			12.1	80	30	35		

Capacity Table (Refrigerant R407C)

Model	Compressor	LWT °F	105°F Condensing		
			TONS	KW	EER
15D	ZB66KCE	42.0	15.3	13.4	14.2
		44.0	16.0	13.4	14.7
		45.0	16.3	13.5	15.0
		50.0	18.2	13.6	16.6

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