

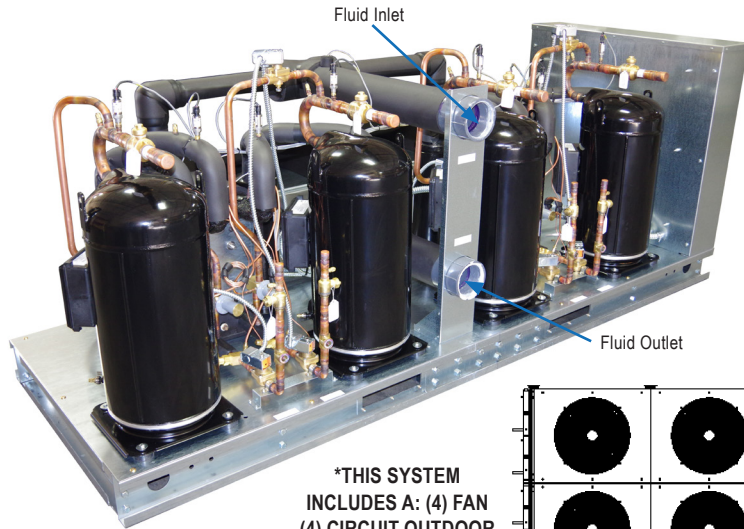


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Better Product for Our Clients!*

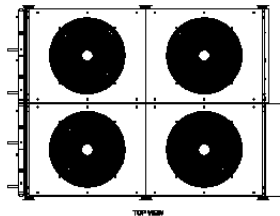
J&M Fluidics, Inc.
851 Tech Drive
Telford, PA 18969
Toll-Free: (888) 539-1731
Fax: 267-203-8786

Model: IEZA56M

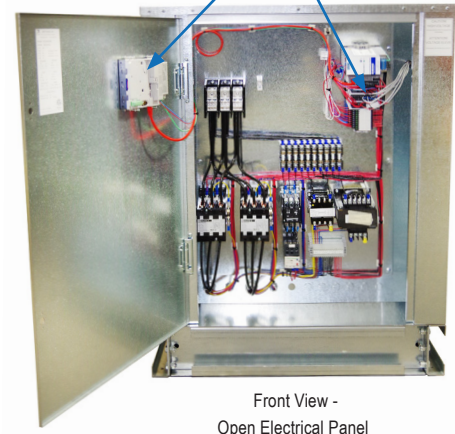
Split-System, Air-Cooled 56 Ton Chiller



***THIS SYSTEM
INCLUDES A: (4) FAN
(4) CIRCUIT OUTDOOR
CONDENSER**



STANDARD ON ALL J&M MODELS:
Idec Microprocessor Controller with
Touch Screen Display.



Front View -
Open Electrical Panel

Standard Features:

- ETL listed to UL1995 & CAN/CSA C22.2 No. 236-11, 4th edition, 10/14/2011
- Single point power connection
- Idec microprocessor controller with easy to use touch screen display
- STAINLESS STEEL, brazed plate evaporator
- Scroll compressor with crankcase heater
- Suction accumulator
- Water 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
- Galvanized sheet metal frame
- 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:

- 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
- EC condenser fan motors, microprocessor controlled
- 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
- Hot gas by-pass capacity control
- Compressor Sound Cover
- Flooded cond. w/receiver/head pressure control (0°F)
- Heated, flooded cond. w/receiver/head pressure Water flow meter control (-20°F)
- Pump suction isolation valve
- Water pressure gauge set
- Copper finned condenser coil (coastal protection)
- Coastal powder coat paint protection
- E-Coat Condenser Coil (coastal protection)
- Water Flow Meter
- Auto city water make up solenoid & auto level switch
- Auto city water changeover panel with filter
- Stainless steel, SCH80 PVC or Polypropylene piping for deionize and reverse osmosis water systems
- Door Mounted HMI with weather proof cover



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

J&M FLUIDICS, INC. – PRODUCT DATA SHEET



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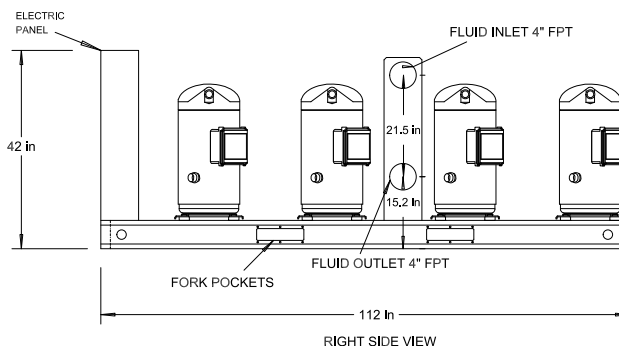
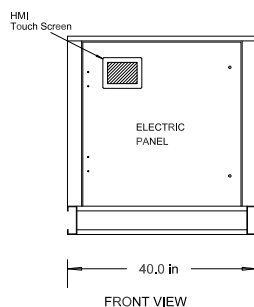
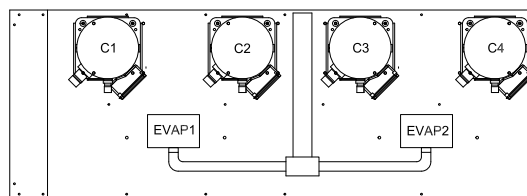
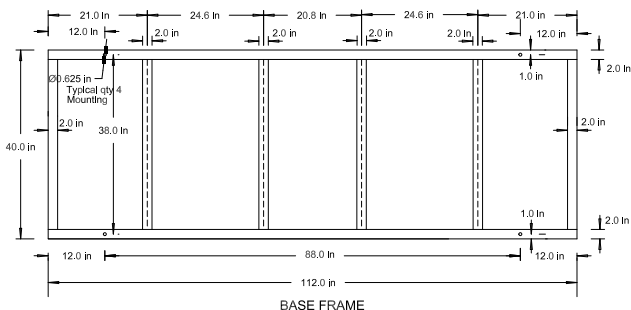
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Split-System, Air-Cooled 56 Ton Chiller

Product Dimensional Drawing

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Dimensional & Electrical Table (Four Circuit)

Chiller Models	Length Inches	Width Inches	Height Inches	Power			Compressor		RLA ea.	LRA ea.	Fan Motor		MCA	M.O.P	Chiller Fluid Conn.	Weight Pounds
				Voltage	Phase	Freq.	Qty.	HP			Qty.	FLA.				
IEZA56MF5	112	40	42	208/230V	3	60Hz	4	15	53.8	340	4	7	256.7	300	3" FPT	3000
IEZA56MH5				460V	3	60Hz			28.2	173		3.5	133.9	150		
IEZA56MI5				575V	3	60Hz			22.4	132		2.8	106.4	125		

OC56M (Outdoor Condenser Specs)

Condenser Model	Length Inches	Width Inches	Height Inches	Fan Motor		Refrigerant Connections		Weight / lbs.
				Qty.	HP	Discharge	Liquid	
OC56M	127	88	55	4	1 1/2"	1 3/8" (4)	7/8" (4)	1800

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
56M	ZB114K5E	20.0	34.0	44.0	9.3	31.7	49.6	7.7	30.6	52.6	7.0	29.4	56.0	6.3	28.2	59.6	5.7
		25.0	38.3	44.4	10.4	35.8	49.8	8.6	34.7	53.0	7.8	33.3	56.2	7.1	32.1	59.8	6.4
		30.0	43.0	45.0	11.5	40.5	50.4	9.6	39.2	53.2	8.8	37.8	56.4	8.0	36.3	60.0	7.3
		35.0	48.2	45.6	12.7	45.5	50.8	10.7	44.4	53.8	9.8	42.5	57.0	8.9	41.0	60.4	8.1
		42.0	57.5	46.6	14.8	54.5	51.8	12.6	52.8	54.6	11.6	51.2	57.8	10.6	49.5	61.0	9.7
		44.0	60.0	46.8	15.4	56.8	52.0	13.1	55.2	54.8	12.1	53.5	58.0	11.1	51.8	61.2	10.2
		45.0	61.3	47.0	15.7	58.2	52.2	13.4	56.5	55.0	12.3	54.7	58.0	11.3	53.0	61.4	10.4
		50.0	68.0	47.6	17.1	64.7	52.8	14.7	62.8	55.6	13.6	61.0	58.6	12.5	59.2	61.8	11.5