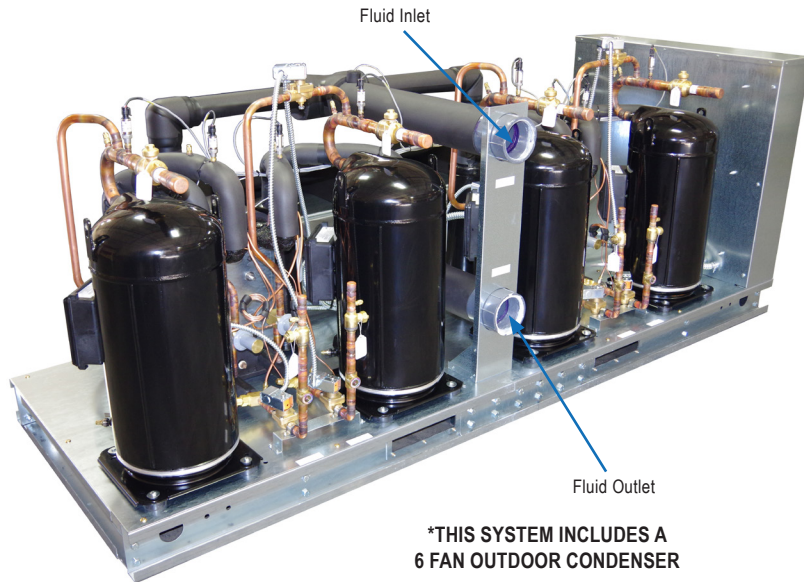


*It's All about Building a
Better Product for Our Clients!*

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

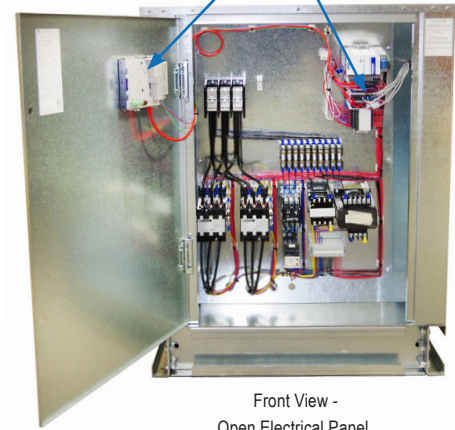
Model: IEZA91M

Split-System, Air-Cooled 91 Ton Chiller



***THIS SYSTEM INCLUDES A
6 FAN 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
- 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
- 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
- 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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851 Tech Drive
Telford, PA 18969

Toll-Free: (888) 539-1731

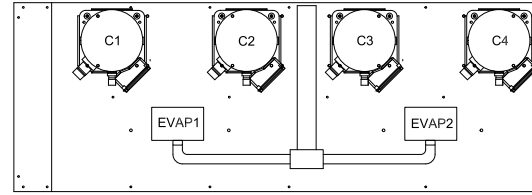
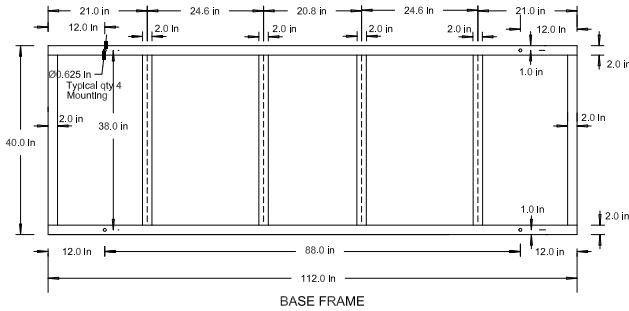
Fax: 267-203-8786

Model: IEZA91D

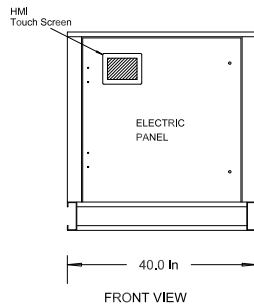
Split-System, Air-Cooled 91 Ton Chiller

Product Dimensional Drawing

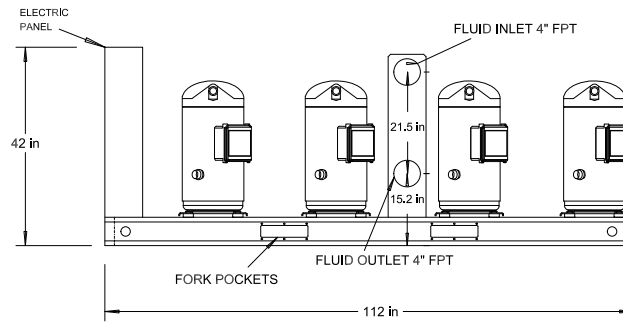
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TOP VIEW



FRONT VIEW



RIGHT SIDE VIEW

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.				
IEZA91MF5	230	88	57	208/230V	3	60Hz	4	25	89.7	500	6	7	423.2	500	4" FPT	7100
IEZA91MH5				460V	3	60Hz			43.6	250		3.5	206.3	225		
IEZA91MI5				575V	3	60Hz			32.7	198		2.8	155.8	175		

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
91M	ZR300KCE	20.0	55.0	67.6	9.8	51.7	76.0	8.2	50.0	80.4	7.5	48.3	85.6	6.8	n/a	n/a	n/a
		25.0	62.0	68.8	10.8	58.3	76.8	9.1	56.7	81.6	8.3	54.7	86.4	7.6	52.3	91.6	6.9
		30.0	69.3	70.0	11.9	65.7	78.0	10.1	63.7	82.4	9.3	59.7	87.2	8.2	59.3	92.4	7.7
		35.0	77.7	71.2	13.1	73.7	79.2	11.2	71.3	83.6	10.2	69.0	88.4	9.4	66.7	93.6	8.5
		42.0	92.7	72.8	15.3	87.7	80.8	13.0	85.0	85.2	12.0	82.7	90.0	11.0	79.7	95.2	10.0
		44.0	97.0	73.2	15.9	91.7	81.2	13.5	89.0	85.6	12.5	86.3	90.4	11.5	83.3	95.6	10.5
		45.0	99.0	73.2	16.2	93.7	81.6	13.8	91.0	86.0	12.7	88.0	90.8	11.6	85.3	95.6	10.7
		50.0	110.0	74.0	17.8	104.0	82.4	15.1	101.0	87.2	13.9	98.0	91.6	12.8	95.0	96.8	11.8