

J Series

Indoor
1/8 – 2 Ton Capacity

Powerful and Portable

These compact chillers are truly a turn-key solution with quick delivery. Available in four performance/flow packages the J Series provides a wide range of capabilities. Its size, portability, simple operation, and ease of maintenance make it the chiller of choice for hundreds of applications. Most models need no special wiring — truly plug and play reliability.

Product Features

- Air-Cooled, Closed Loop
- Capacities from 2,100 BTU/hr to 24,000 BTU/hr
- Water or Water/Glycol (70/30)
- R134A Refrigerant
- Stainless Cabinet
- Fluid Setpoint 50–80°F
- Ambient Temperature Range 50–95°F
- Temperature Stability $\pm 3^\circ\text{F}$ (1.5°C)
- Various Voltage and Flow/Pressure Options
- Built to UL 1995
- Streamlined Layout for Ease of Maintenance
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

(Fluid temperatures and ambients can vary. Consult factory for the effect on capacity. Stated capacity based on 65°F fluid setpoint and 95°F ambient.)

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- 1 Fill Cap
- 2 Disconnect
- 3 Controller
- 4 Sight Glass
- 5 Discharge Pressure Gauge



- 6 Compressor
- 7 Tank
- 8 Pump
- 9 Fan

Base Configuration

- Digital Controller
- Hermetic Compressor
- Brazed Plate Evaporator
- Manual Fluid Bypass Valve
- Hot Gas Regulator
- Discharge Fluid Pressure Gauge
- Seamless, Non-Pressurized, Plastic Tank
- Refrigerant and Tank Sight Glasses
- Flush Mounted Fill Port
- Air Filter
- Manual Bypass Valve

Options

- Mechanical Auto Makeup (MAM)
- Pressure Relief Bypass Valve (PRBV)
- Various Voltage and Flow/Pressure
- Motorized Hot Gas Bypass Valve
- Low Coolant Flow Alarm (External Connection)
- Internal Low Coolant Level Alarm
- cUL Certification

MODEL	CAPACITY	ELECTRICAL	FLA ^a	INLET/OUTLET PORT SIZE	TANK CAPACITY	UNIT DIMENSIONS (LxWxH)	CRATED WEIGHT	PUMP STANDARD		PUMP FLOW UPGRADE ¹	
INDOOR	BTU/HR	VOLTS	AMPS	INCH	GAL	INCH	LBS	GPM	PSI	GPM	PSI
JHI-180-M	2,100	115/1/60	10.6	1/2	5	21.125x22x28.625	290	2	50	n/a	n/a
JHI-500-M	4,500	115/1/60	15.5	1/2	5	21.125x22x28.625	345	4	50	n/a	n/a
		230/1/60	8.0								
JHI-1000-M	11,300	230/1/60	17.7	1/2	10	25.125x31.125x33.375	530	4	50	10	35
		230/3/60	13.6								
JHI-1500-M	18,000	230/1/60	24.0	1/2	10	25.125x31.125x33.375	570	4	50	10	35
		230/3/60	16.8								
JHI-2000-M	24,000	230/1/60	34.0	1/2	10	31.625x33.5x35.675	645	10	35	10	80
		230/3/60	22.0								
		460/3/60	10.0								

List pricing includes standard pump, manual bypass valve, hot gas regulator, standard packaging, standard tagging, and standard finish.

a) Does not include pump upgrade

1) Pump Pressure PSI Upgrade – in higher pressure applications this option is selected to allow pressure up to 75 PSI. Pressure relief bypass must be added with this option.



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