

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.)

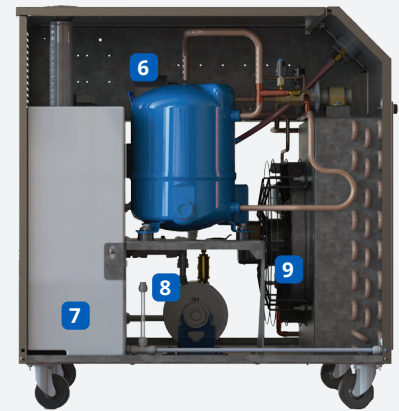
Glen
Dimplex
Thermal
Solutions



Koolant
Koolers



- 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	115/1/60 230/1/60	15.5 8.0	1/2	5	21.125x22x28.625	345	4	50	n/a	n/a
JHI-1000-M	11,300	230/1/60 230/3/60 460/3/60	17.7 13.6 6.1	1/2	10	25.125x1.125x33.375	530	4	50	10	35
JHI-1500-M	18,000	230/1/60 230/3/60 460/3/60	24.0 16.8 7.5	1/2	10	25.125x31.125x33.375	570	4	50	10	35
JHI-2000-M	24,000	230/1/60 230/3/60 460/3/60	34.0 22.0 10.0	1/2	10	31.625x33.5x35.675	645	10	35	10	80

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.

