

J Series

Indoor
1/8 – 2 Ton Capacity

Powerful and Portable

These compact chillers are truly a turn-key solution with quick delivery. 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 Condenser, 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) (Optional $\pm 1^\circ\text{F}$)
- 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

Options

Pump Upgrade Flow for Increased Flow

Pressure Relief Bypass Valve (PRBV)

Flow Switch for Flow Monitoring

Auto Water Fill to Maintain Water Level

Anti-Backflow Kit

Motorized Hot Gas Bypass Valve

Float Switch to Detect Low Tank Fluids

Mounting Bracket

Insulation for Above 28°F Setpoint

cUL Certification

MODEL	CAPACITY	VOLTAGE	FLA ^a	INLET/OUTLET PORT SIZE	TANK CAPACITY	UNIT DIMENSIONS (LxWxH)	CRATED WEIGHT	PUMP STANDARD		PUMP FLOW UPGRADE ¹	
INDOOR	BTU/HR		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	11,725 11,300 11,300	230/1/60 230/3/60 460/3/60	17.7 13.6 6.1	1/2	10	25.125x31.125x33.375	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, casters, 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.

