

J Series

Portable, Closed-loop, Standard Design
1/8 to 2 Ton Capacity Units

Standard, Portable, Closed-Loop Platform

Standard, portable, close 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 Summary

- Indoor use
- Air-cooled condenser
- Water or water/glycol fluids
- Fluid setpoint range 50 to 80°F
- Capacities: 1,100 to 21,600 BTU/ (at 65°F fluid temp and 95°F ambient)
Temps can vary but will affect capacity.
- Temperature stability $\pm 3^\circ\text{F}$
(Optional $\pm 1^\circ\text{F}$)
- Ambient temperature range 50 to 95°F
- Built to UL 1995
- 18-month parts and labor warranty
- 24/7 service and support
- Next day parts available

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
Corrosion free, non-pressurized tank
Refrigerant and tank sight glasses
Flush mounted fill port
Air filter
R134A refrigerant
Stainless steel cabinet

Options

Pump upgrade for increased flow
Pressure relief bypass
Flow switch
Auto water fill
Anti-backflow
Motorized hot gas bypass
Float switch
Fluid filter (50 micron)
Mounting bracket
CSA compliant

MODEL	CAPACITY ^a @ 65°F fluid setpoint and 95°F ambient	VOLTAGE	FLA ^a	INLET/OUTLET PORT SIZE	TANK CAPACITY	UNIT DIMENSIONS (LxWxH)	CRATED WEIGHT	PUMP STANDARD		PUMP FLOW UPGRADE ^(b)	
INDOOR	BTU/HR		AMPS	INCH	GAL	INCH	LBS	GPM	PSI	GPM	PSI
JHI-180-M	1,130	115/1/60	13	0.5	5	21 x 22 x 29	290	2	50	n/a	n/a
JHI-500-M	4,500	115/1/60	17	0.5	5	21 x 22 x 29	345	4	50	n/a	n/a
		230/1/60	8.0								
JHI-1000-M	14,700	230/1/60	17	0.5	10	25 x 31 x 33	530	4	50	10	35
	14,300	230/3/60	11.8								
		460/3/60	6								
JHI-1500-M	19,600	230/1/60	21.3	0.5	10	25 x 31 x 33	570	4	50	10	35
	18,100	230/3/60	18.8								
		460/3/60	8.4								
JHI-2000-M	19,100	230/1/60	34.2	1	10	32 x 34 x 36	645	10	35	10	80
	21,600	230/3/60	20.4								
		460/3/60	10.7								

Fluid temperatures and ambients can vary from those stated. Please consult the factory for the effect on capacity.

^a Does not include pump upgrade.

^b [ports increase to 1" and BTU reduced

