Dimplex Thermal Solutions | KOOLANT KOOLERS

J-SERIES

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

1. Fill Cap
2. Disconnect
3. Controller
4. Sight Glass
5. Discharge Pressure Gauge
6. Compressor
7. Tank
8. Pump
9. Fan

Standard, Portable, Closed-Loop Platform

These compact chillers are truly a turnkey 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 - 80°F
- Capacities: 1,100 to 21,600 BTU
  (heater 65°F fluid temp and 95°F ambient
  Temps can vary but will affect capacity
- Temperature stability ±3°F
- Ambient temp range 50° - 95°F
- UL certified
- 18-month parts and labor warranty
- 24/7 service and support
- Next day parts available

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
R513A refrigerant
Stainless steel cabinet
CSA compliant

OPTIONS

Pump upgrade for increased flow or pressure
Pressure relief bypass
Flow switch
Auto water fill
Anti-backflow
Motorized hot gas bypass (± 1°F)
Float switch
Fluid filter (50 micron)
Mounting bracket

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 513A	1,130	115/1/60	13	0.5	5	21 x 22 x 29	290	2	50	n/a	n/a
JHI-500-M 513A	4,500	115/1/60	16	0.5	5	21 x 22 x 29	345	4	50	n/a	n/a
		230/1/60	8								
JHI-1000-M 513A	14,700	230/1/60	17	0.5	10	25 x 31 x 33	530	4	50	10	35
	14,700	230/3/600	12								
		460/3/600	6								
JHI-1500-M 513A	19,600	230/1/60	24	0.5	10	25 x 31 x 33	570	4	50	10	35
	18,100	230/3/60	17								
		460/3/60	8								
JHI-2000-M 513A	19,100	230/1/60	33	1	10	32 x 34 x 36	645	10	35	10	80
	21,600	230/3/60	22								
		460/3/60	10								

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]

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