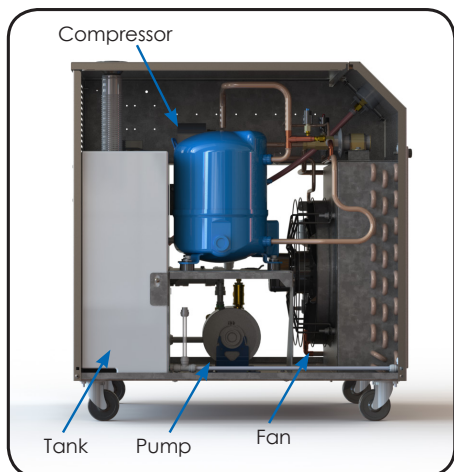
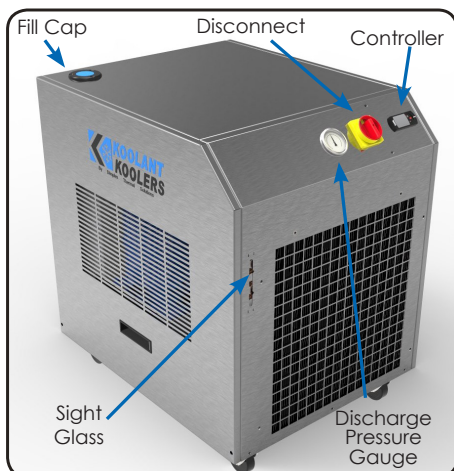


Koolant Coolers J Series - Standard Chiller Bundles Powerful Portable Chiller

These compact air-cooled chillers are available from 1/8 - 2 tons. Casters yield effortless portability and allow for use with several machines in a process. These chillers are also offered with four performance/flow packages to provide the perfect cooling solution for almost any application. Certain designs are even available to ship the next day.

Its size, simple operation and ease of maintenance make it the chiller of choice for hundreds of applications. Most models need no special wiring - it is truly a plug and play design.



PRODUCT SUMMARY

- 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
- Indoor Use Only
- Fluid Setpoint 50°F-80°F
- Ambient Temperature Range 50-95°F
- Temperature Stability $\pm 3^\circ\text{F}$
- Various Voltage and Flow/Pressure Options
- UL 1995 Certification
- 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)

Koolant Coolers J Series - Specifications

BASE MODEL

- 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

BASE PLUS

- Option 1: Mechanical Auto Makeup
- Option 2: Mechanical Auto Makeup + Pressure Relief

DELUXE MODEL

Base model features plus:

- Mechanical Auto Makeup (MAM)
- Pressure Relief ByPass Valve (PRBV)
- Motorized Hot Gas Bypass ($\pm 1^\circ\text{F}$)
- Low Flow and Low Level Alarms

Description	Package:	Electrical:	WxDxH (in):	Capacity (BTU/hr):	Flow/Pressure (GPM):	Refrigerant (lbs):	Compressor (hp):	Pump (hp):	Tank (gal):	Fittings (FNPT/in):	FLA (amps):	Crated weight (lbs):
High Pressure Configurations												
JHI-180-M	Base Model	115 / 1 / 60	21 $\frac{1}{8}$ x 26 $\frac{1}{2}$ x 28 $\frac{3}{8}$	2,100	2 @ 50	0.5	0.25	1/3	5	0.50	11.7	245
JHI-500-M	Base Model	115 / 1 / 60	21 $\frac{1}{8}$ x 26 $\frac{1}{2}$ x 28 $\frac{3}{8}$	4,300	4 @ 50	1	0.50	1/3	5	0.50	15.5	310
	Base Model	230 / 1 / 60		4,300	4 @ 50	1	0.50	1/3	5	0.50	9.3	310
	Deluxe Model	230 / 1 / 60		4,300	4 @ 50	1	0.50	1/3	5	0.50	9.5	310
JHI-1000-M	Base Model	230 / 1 / 60	25 $\frac{1}{8}$ x 35 $\frac{1}{2}$ x 33 $\frac{3}{8}$	12,000	4 @ 50	2.5	1.00	1/3	10	0.50	17	450
	Base + MAM + PRBV	230 / 1 / 60		12,000	4 @ 75	2.5	1.00	1/3	10	0.50	17	450
	Base Model	230 / 3 / 60		12,000	4 @ 50	2.5	1.50	1/2	10	0.50	12	450
	Base + MAM + PRBV	230 / 3 / 60		12,000	4 @ 50	2.5	1.50	1/2	10	0.50	12	450
	Base + MAM + PRBV	460 / 3 / 60		12,000	4 @ 50	2.5	1.00	1/2	10	0.50	6.1	450
JHI-1500-M	Base Model	230 / 1 / 60	25 $\frac{1}{8}$ x 35 $\frac{1}{2}$ x 33 $\frac{3}{8}$	18,000	4 @ 50	2.8	1.50	1/3	10	0.50	24	490
	Base + MAM + PRBV	230 / 1 / 60		18,000	4 @ 50	2.8	1.50	1/3	10	0.50	24	490
	Base Model	230 / 3 / 60		18,000	4 @ 50	2.8	1.50	1/2	10	0.50	12	490
	Base + MAM + PRBV	230 / 3 / 60		18,000	4 @ 50	2.8	1.50	1/2	10	0.50	17	490
	Base + MAM + PRBV	460 / 3 / 60		18,000	4 @ 50	2.8	1.50	1/2	10	0.50	7.5	490
	Deluxe Model	460 / 3 / 60		18,000	4 @ 50	2.8	1.50	1/2	10	0.50	7.5	490
JHI-2000-M	Base + MAM + PRBV	230 / 3 / 60	31 $\frac{1}{8}$ x 33 $\frac{1}{2}$ x 35 $\frac{3}{8}$	24,000	10 @ 80	4	2.00	2	10	1.00	30	630
	Base + MAM + PRBV	460 / 3 / 60		24,000	10 @ 80	4	3.00	2	10	1.00	14	630

High Flow Configurations												
JHI-1000-M	Base Model	230 / 1 / 60	25 $\frac{1}{8}$ x 35 $\frac{1}{2}$ x 33 $\frac{3}{8}$	12,000	10 @ 35	2.5	1.00	1	10	1.00	21	450
	Base Model	230 / 3 / 60		12,000	10 @ 35	2.5	1.00	1	10	1.00	12.6	450
	Base + MAM	460 / 3 / 60		12,000	10 @ 35	2.5	1.00	1	10	1.00	6.7	450
	Deluxe Model	460 / 3 / 60		12,000	10 @ 35	2.5	1.00	1	10	1.00	6.8	450
JHI-1500-M	Base + MAM	230 / 3 / 60	25 $\frac{1}{8}$ x 35 $\frac{1}{2}$ x 33 $\frac{3}{8}$	18,000	10 @ 35	2.8	1.50	1	10	1.00	18	490
	Base + MAM	460 / 3 / 60		18,000	10 @ 35	2.8	1.50	1	10	1.00	8.1	490
JHI-2000-M	Base Model	230 / 1 / 60	31 $\frac{1}{8}$ x 34 $\frac{1}{8}$ x 35 $\frac{3}{8}$	24,000	10 @ 35	4	3.50	1	10	1.00	34	630
	Base Model	230 / 3 / 60		24,000	10 @ 35	4	2.00	1	10	1.00	22	630
	Base + MAM	460 / 3 / 60		24,000	10 @ 35	4	3.00	1	10	1.00	10	630
	Deluxe Model	460 / 3 / 60		24,000	10 @ 35	4	3.00	1	10	1.00	10	630