

SPECIALTY CHILLERS

Alcoholic Beverages

Brewery/Winery/Distillery/Cold Neck

Closed Loop or Flow Through for Low Temperatures

Koolant Coolers has been synonymous with customization for more than 60 years. Our ability to tailor a product for the unique needs of an application is unmatched. Offering both indoor and outdoor models, the specialty chiller offers consistent water temperatures with oversized reservoirs. The chiller design is capable of cooling as low as 28°F.

Glen
Dimplex
Thermal
Solutions



**Koolant
Coolers**



Equipment selection and design assistance is available.

Product Features

- Air-Cooled Condenser, Closed Loop
- Indoor and Outdoor Models
- Water or Water/Glycol
- Ambient Temperature Range -20 – 120°F
- Hermetic Scroll Compressors
- Centrifugal Pumps
- Hot Gas Freeze Protection
- Insulation
- Built to UL 1995
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

Chillers Are Ideal For

- Brite Tanks
- Jacket Fermentation Tanks
- Two-Stage Cooling (Wort/Cooler)
- Storage Rooms
- Crash Cooling

Options

- Fluid Filter
- Anti-Backflow Kit
- Float Switch
- Communication
- Remote Panels

MODEL	BTU/HR SETPOINT (95°F AMBIENT)				ELECTRICAL +/- 10%	FLA	INLET/OUTLET PORT SIZE	TANK CAPACITY	PUMP					CRATED WEIGHT							
	INDOOR ONLY	50°F	45°F	35°F					28°F	VOLTS	AMPS	INCH	GAL		HP	GPM	STD PSI	PSI @ 35GPM	PSI @ 45GPM	LBS	
JHI-1000-M	6,570	5,310	2,970	2,070	230/1/60	14.9	1/2	10	1	10	35	N/A	530								
	6,210	5,310	3,600	2,700	230/3/60	12.5															
	6,210	5,310	3,600	2,700	460/3/60	6.1															
JHI-1500-M	12,240	10,620	7,560	5,670	230/1/60	21.2	1/2	10	1	10	35	N/A	570								
				5,760	230/3/60	15.7															
				5,760	460/3/60	7.5															
JHI-2000-M	15,480	12,870	8,280	6,390	230/1/60	27.9	1/2	10	1	10	35	N/A	645								
	15,750	13,590	10,170	8,550	230/3/60	20.3															
	15,750	13,590	10,170	8,550	460/3/60	10.0															
INDOOR/OUTDOOR																					
SVO-3002-M	36,000	27,000	21,000	17,000	460/3/60	14.8	1 1/2	36	2	10	45	30	26	1,100							
					230/1/60	40.0															
SVO-5002-M	60,000	53,000	41,000	34,000	460/3/60	19.8	1 1/2	36	2	15	45	30	26	1,100							
					230/1/60	45.0															
SVO-7502-M	83,000	74,000	58,000	49,000	460/3/60	22.8	2	60	2	25	40	30	26	1,600							
SVO-10002-M	100,000	90,000	71,000	61,000		26.9															
SVO-15002-M	163,000	144,000	111,000	93,000		44.2															
SVO-20002-M	203,000	181,000	144,000	124,000		52.2									86	5	50	45	50	47	2,550
						86															

SVO units can be used indoor or outdoors in ambient temperature ranging from -20–95°F.

JHI can be used indoors in ambient temperature ranging from 50–95°F.

Outdoor units come standard with powder coat white galvanized sheet metal, standard pump, manual bypass, hot gas regulator, insulation, Carel temperature controller with remote display, and variable speed controls for fan.

Indoor units come standard with stainless steel sheet metal, standard pump, pressure relief bypass, hot gas regulator, insulation, and Carel IR temperature controller.

1) Fluid Filter—added inlet water filter housing and 50 micron filter media for filtering the return line from the process.

2) Anti Backflow—prevents backflow to the chiller tank when the chiller is turned off. Used in situations where the chiller is installed below the processing equipment or where overhead piping causes a backflow through the chiller when the unit is turned off.

3) Float Switch—monitors tank fluid level to provide low fluid level warning.

