

# A Series

Indoor Tankless/Flow-Through  
2 – 60 Ton Capacity

## Highly Customizable and Cleanable

Air-cooled industrial liquid chillers are recommended when a reservoir of fluid such as central coolant pits, storage tanks, or quench tanks must be cooled. They are used in cooling metalworking fluid, hydraulic fluids, and other liquids. Evaporator selection varies based on the fluid being cooled and the level of contaminants in the process.

## Product Features

- Recirculating or Inline Cooling
- Air-Cooled, Water Cooled Condenser or Split System
- Compatible with Any Fluid
- R407C Refrigerant
- Highly Customizable
- Voltage Options Available
- Built to UL 1995
- Fluid Setpoint 50–90°F
- Ambient Temperature Range 50–95°F
- Temperature Stability  $\pm 3^\circ\text{F}$   
(Optional  $\pm 1^\circ\text{F}$ )
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

(Fluid and ambient temperatures can vary. Consult factory for the effect on capacity. Stated capacity based on 85°F fluid setpoint and 95°F ambient.)

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## Base Configuration

Brazed Plate, Cleanable, Shell/Tube  
Evaporators (vary w/ application)

Hermetic Scroll Compressor

Cleanable Air Filters

Fused Disconnect

Hot Gas Regulator

## Options\*

Process Pump

100 Micron Fluid Filter

Phase Monitor

Motorized Hot Gas Bypass

Remote Start/Stop

Remote PGD (up to 150')

Ambient Tracking

cUL Certification

\*Not all options are available in all sizes.

MODEL	CAPACITY	ELECTRICAL	FLA	FITTINGS SIZE	FLOW/ PRESSURE	UNIT DIMENSIONS (LxWxH)	CRATED WEIGHT
WATER WATER/GLYCOL WATER/SOLUBLE OIL	BTU/HR	VOLTAGE	AMPS	INCH	GPM	INCH	LBS
<b>BRAZED PLATE</b>							
AVI-2000-M	26,000	230/3/60 460/3/60	20.4 9.4	1 1/4	6 @ 15	36x25x55	700
AVI-3000-M	40,000	230/3/60 460/3/60	20.4 9.4	1 1/2	9 @ 15	50x27.5x64	900
AVI-5000-M	69,000	230/3/60 460/3/60	31.1 15.6	1 1/2	15 @ 15	50x28x42	900
AVI-7500-M	100,000	230/3/60 460/3/60	44.3 22.2	1 1/2	23 @ 15	58x36x64	1,000
AVI-10000-M	130,000	230/3/60 460/3/60	53.2 26.6	1 1/2	30 @ 15	58x36x64	1,000
AVI-15000-M	195,000	230/3/60 460/3/60	80.4 43.3	2	45 @ 15	58x41.5x90	1,500
AVI-20000-M	255,000	230/3/60 460/3/60	100.8 50.4	2	60 @ 15	69x41.5x90	2,100
AVI-30000-M	380,000	460/3/60	73.1	3	90 @ 15	TBD	2,300
AVI-40000-M	500,000	460/3/60	95.8	3	120 @ 15	TBD	4,200
AVI-60000	740,000	460/3/60	141.2	3	180 @ 15	TBD	4,800
<b>STRAIGHT OIL</b>							
<b>SHELL AND TUBE</b>							
AVI-2000-M	22,000	230/3/60	20.4	1 1/4	12 @ 15	60x25x62	700
		460/3/60	9.4				
AVI-3000-M	36,000	230/3/60	20.4	1 1/2	18 @ 15	60x25x75	900
		460/3/60	9.4				
AVI-5000-M	55,500	230/3/60	31.1	1 1/2	30 @ 15	50x27.5x64	900
		460/3/60	15.6				
AVI-7500-M	800,000	230/3/60	44.3	2	46 @ 15	58x36x64	1,000
		460/3/60	22.2				
AVI-10000-M	104,000	230/3/60	53.2	2	60 @ 15	58x36x64	1,000
		460/3/60	26.6				
AVI-15000-M	156,000	230/3/60	80.4	2	90 @ 15	58x41.5x90	1,500
		460/3/60	43.3				
AVI-20000-M	204,000	230/3/60	100.8	3	120 @ 15	TBD	2,100
		460/3/60	50.4				
AVI-30000-M	303,000	460/3/60	73.1	3	180 @ 15	TBD	2,300
AVI-40000-M	400,000	460/3/60	95.8	4	240 @ 15	TBD	4,200
AVI-60000-M	592,000	460/3/60	141.2	4	360 @ 15	TBD	4,800



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**Glen Dimplex** Thermal Solutions  
2625 Emerald Drive, Kalamazoo, MI 49001



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Tel: 866-777-6060  
Fax: 866-777-6383

Springer Pumps, LLC

Website: [www.springerpumps.com](http://www.springerpumps.com)  
Int'l: +001 267 404 2910