

Koolant Coolers A Series Tankless - Flow Through Chiller

The A series 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. These units are highly customizable to the application and the evaporator selection varies based on the fluid being cooled and the level of contaminants in the process.



PRODUCT SUMMARY

- Recirculating or Inline Cooling
- Air-Cooled Condenser
- Capacities from 27,000 BTU/hr to 800,000 BTU/hr
- Water, Water/Glycol, Water-Soluble and Oil Based Fluids
- R407C Refrigerant
- Highly Customizable
- Indoor Use Only
- Powder Coated Cabinet
- Voltage Options Available
- Built to UL 1995
- Fluid Setpoint 50°F-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 temperatures and ambients can vary. Consult factory for the effect on capacity. Stated capacity based on 85°F fluid setpoint and 95°F ambient)

Koolant Coolers A Series - Specifications

BASE MODEL

- Brazed Plate, Cleanable, Shell/Tube Evaporators (vary w/ application)
- Hermetic Scroll Compressor
- Cleanable Air Filters
- Fused Disconnect
- Hot Gas Regulator

OPTIONS

- Remote or Water-Cooled Condenser
- Process Pump
- 100 Micron Fluid Filter
- Phase Monitor
- Motorized Hot Gas Bypass
- Remote Start/Stop
- Remote PGD (up to 150')
- Ambient Tracking

Description	Electrical:	Dimensions/WxDxH (in):	Capacity (BTU/hr):	Flow/Pressure (GPM):	Fittings (FNPT/in):	FLA (amps):	Crated weight (lbs):
Water, Water/Glycol or Water/Soluble Oil							
AVI-2000	230/3/60	36 x 25 x 48	30,000	6 @ 15	1"	22.4	700
	460/3/60	36 x 25 x 48	30,000	6 @ 15	1"	10.4	700
AVI-3000	230/3/60	50 x 28 x 42	40,000	9 @ 15	1 1/4" **	26.0	900
	460/3/60	50 x 28 x 42	40,000	9 @ 15	1 1/4" **	10.4	900
AVI-5000	230/3/60	50 x 28 x 42	69,000	15 @ 15	1 1/4"***	36.7	900
	460/3/60	50 x 28 x 42	69,000	15 @ 15	1 1/4"***	18.4	900
AVI-7500	230/3/60	58 x 32 x 55	100,000	23 @ 15	1 1/2"	48.3	1000
	460/3/60	58 x 32 x 55	100,000	23 @ 15	1 1/2"	24.2	1000
AVI-10000	230/3/60	58 x 32 x 55	130,000	30 @ 15	1 1/2"	57.2	1000
	460/3/60	58 x 32 x 55	130,000	30 @ 15	1 1/2"	28.6	1000
AVI-15000	230/3/60	58 x 42 x 74	220,000	45 @ 15	1 1/2"	81.2	1300
	460/3/60	58 x 42 x 74	220,000	45 @ 15	1 1/2"	40.7	1300
AVI-20000	230/3/60	71 x 42 x 74	270,000	60 @ 15	2"	100.8	TBD
	460/3/60	71 x 42 x 74	270,000	60 @ 15	2"	50.4	TBD
AVI-30000	460/3/60	101 x 42 x 71	410,000	90 @ 15	3"	73.1	TBD
AVI-40000	460/3/60	74 x 84 x 84	525,000	120 @ 15	3"	95.8	TBD
AVI-60000	460/3/60	105 x 84 x 104	800,000	180 @ 15	3"	141.2	TBD

Straight Oil							
AVI-2000	230/3/60	TBD	27,000	12 @ 15	1"	22.4	700
	460/3/60	TBD	27,000	12 @ 15	1"	10.4	700
AVI-3000	230/3/60	TBD	37,000	18 @ 15	1 1/2"	26.0	900
	460/3/60	TBD	37,000	18 @ 15	1 1/2"	10.4	900
AVI-5000	230/3/60	TBD	66,000	30 @ 15	1 1/2"	36.7	900
	460/3/60	TBD	66,000	30 @ 15	1 1/2"	18.4	900
AVI-7500	230/3/60	TBD	95,000	46 @ 15	2"	48.3	1000
	460/3/60	TBD	95,000	46 @ 15	2"	24.2	1000
AVI-10000	230/3/60	TBD	125,000	60 @ 15	2"	57.2	1000
	460/3/60	TBD	125,000	60 @ 15	2"	28.6	1000
AVI-15000	230/3/60	TBD	210,000	90 @ 15	2"	81.2	1300
	460/3/60	TBD	210,000	90 @ 15	2"	40.7	1300
AVI-20000	230/3/60	TBD	260,000	120 @ 15	3"	100.8	TBD
	460/3/60	TBD	260,000	120 @ 15	3"	50.4	TBD
AVI-30000	460/3/60	TBD	395,000	180 @ 15	3"	73.1	TBD
AVI-40000	460/3/60	TBD	505,000	240 @ 15	4"	95.8	TBD
AVI-60000	460/3/60	TBD	770,000	360 @ 15	4"	141.2	TBD