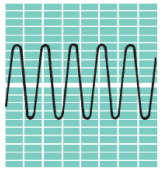


A-SERIES

Tankless/Flow-Through

2-60 Ton Capacity
Highly Customizable & Cleanable



PRODUCTION ENGINEERING

888-654-9353

sales@productionengineering.com

Tankless and Cleanable Industrial Chillers

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 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°-90°F
- Ambient Temperature Range 50-95°F
- Temperature Stability $\pm 3^\circ\text{F}$ (Optional $\pm 1^\circ\text{F}$)
- Built to UL 1995 (Optional cUL Certification)
- 18-Month Parts and Labor Warranty
- 24/7 Service and Support
- Next Day Parts Available

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



BASE CONFIGURATION

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

Service/Maintenance Packages

cUL Certification

**Not all options are available in all sizes.*

PRODUCTION ENGINEERING

1344 Woodman Drive
Dayton, Ohio 45432

888-654-9353
National Phone

www.industrialwaterchilling.com

MODEL	CAPACITY	ELECTRICAL	FLA	FITTINGS SIZE	FLOW/PRESSURE	UNIT DIMENSIONS (LxWxH)	CRATED WEIGHT
WATER WATER/GLYCOL WATER/SOLUBLE OIL	BTU'S/HR	VOLTAGE	AMPS	INCH	GPM	INCH	LBS
AVI-2000-M	30,000	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	220,000	230/3/60 460/3/60	80.4 43.3	2	45 @ 15	58x41.5x90	1,500
AVI-20000 -M	270,000	230/3/60 460/3/60	100.8 50.4	2	60 @ 15	69x41.5x90	2,100
AVI-30000-M	410,000	460/3/60	73.1	3	90 @ 15	TBD	2,300
AVI-40000-M	525,000	460/3/60	95.8	3	120 @ 15	TBD	4,200
AVI-60000	800,000	460/3/60	141.2	3	180 @ 15	TBD	4,800

STRAIGHT OIL	BTU'S/HR	VOLTAGE	AMPS	INCH	GPM	INCH	LBS
AVI-2000-M	30,000	230/3/60 460/3/60	20.4 9.4	1 1/4	12 @ 15	36x25x55	700
AVI-3000-M	40,000	230/3/60 460/3/60	20.4 9.4	1 1/2	18 @ 15	50x27.5x64	900
AVI-5000-M	69,000	230/3/60 460/3/60	31.1 15.6	1 1/2	30 @ 15	50x27.5x64	900
AVI-7500-M	100,000	230/3/60 460/3/60	44.3 22.2	2	45 @ 15	58x36x64	1,000
AVI-10000-M	130,000	230/3/60 460/3/60	53.2 26.6	2	60 @ 15	58x36x64	1,000
AVI-15000-M	220,000	230/3/60 460/3/60	80.4 43.3	2	90 @ 15	58x41.5x90	1,500
AVI-20000 -M	270,000	230/3/60 460/3/60	100.8 50.4	3	120 @ 15	TBD	2,100
AVI-30000 -M	410,000	460/3/60	73.1	3	180 @ 15	TBD	2,300
AVI-40000-M	525,000	460/3/60	95.8	4	240 @ 15	TBD	4,200
AVI-60000-M	800,000	460/3/60	141.2	4	360 @ 15	TBD	4,800

List pricing includes hot gas regulator, standard packaging, standard tagging, and standard finish; does not include pump.

*Water soluble indoor units are designed to run with water soluble oil, straight water or water/glycol with non-ferrous plumbing components.

**Oil indoor units are designed to run with 90 SSU oil and ferrous plumbing components.

PRODUCTION ENGINEERING
1344 Woodman Drive
Dayton, Ohio 45432

888-654-9353
National Phone

www.industrialwaterchilling.com