

AVI
SERIES

AIR COOLED HEAT EXCHANGER

Aqua-Vent AVI Series Air Cooled Heat Exchangers

The AVI is a reliable, low-maintenance heat exchanger widely used in the metal treat industry. It rejects heat from your fluid directly to the ambient air by circulating the fluid through the inside of a copper tube bundle. Air passing over the outside of the copper tubing cools the fluid. This simple system is highly efficient, quiet, and low energy.



The Aqua-Vent AVI Series air coolers come in two, three, or four fan configurations and can be arranged side-by-side or stacked on top of each other.



QUALITY CONSTRUCTION

COATED FIN COIL: Copper tube heat exchanger with blue polymer coated aluminum fins for corrosion protection.

LOW NOISE FANS: Cast aluminum sickle blades for low noise.

FAN DRIVES : Electronically commutated fan motors with built in frequency drive for smooth operation. UL Listed.

ACCURATE TEMPERATURE CONTROL: Fans speed up and down to regulate temperature. Excellent low ambient control.

HOUSING: Heavy gauge galvanized steel with powder-coat and UV stabilizer suitable for outdoor service.

REPLACEABLE COIL: Designed with removable fan plenum for easy access to the heat exchanger.

OPTIONS & UPGRADES

STACKING: Legs designed to accept a future air cooler mounted on top. Reduces footprint.

ADIABATIC MIST-ASSIST: Additional trim-cooling during hot summer days.

COTTONWOOD SCREENS: Protects the coil from debris

SPOT-COOLER: Pump, tank, and controls can be mounted beneath the air cooler to make a stand-alone fluid cooling system.

OUR HIGHLY EFFICIENT SYSTEMS GUARANTEE
LONG LIFE AND MINIMAL DOWNTIME AND MAINTENANCE

DIMENSIONS & CAPACITIES

(SI) 380V / 50Hz

Model	Flow m ³ /hr	Cooling kW	Fans Count @ motor kW	Full Load Amps 380V / 3Ø	Dimensions in mm (L x W x H) (mm)	Net Weight (kg)
AVI-2F-6R-EC	9 ~ 23	40 ~ 90	2 @ 4.1kW	13.2	3250 x 1075 x 1200	440
AVI-3F-6R-EC	14 ~ 34	90 ~ 150	3 @ 4.1kW	19.8	4625 x 1075 x 1200	658
AVI-4F-6R-EC	18 ~ 45	150 ~ 200	4 @ 4.1kW	26.4	6000 x 1075 x 1200	876

(US) 460V / 60Hz

Model	Flow (gpm)	Cooling (kBtu/hr)	Fans Count @ motor kW	Full Load Amps 460V / 3Ø	Dimensions in Inches (L x W x H) (inch)	Shipping Weight (lb)
AVI-2F-6R-EC	40 ~ 100	130 ~ 310	2 @ 4.1kW	10.4	128 x 42 x 48	970
AVI-3F-6R-EC	60 ~ 150	310 ~ 510	3 @ 4.1kW	15.6	182x 42 x 48	1450
AVI-4F-6R-EC	80 ~ 200	510 ~ 680	4 @ 4.1kW	20.8	236 x 42 x 48	1930



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