

AVV
SERIES

EVAP-ASSIST™ HYBRID COOLER

AquaVent® AVV Series EvapAssist™ Hybrid Coolers are efficient hybrid air cooled heat exchangers that use water on hot days to significantly reduce the fluid temperature.

This adiabatic cooler includes evaporative media mounted to the air inlet sides. A small amount of water is introduced to saturate the evaporative media. As the water evaporates, the air is cooled. The pre-cooled air will sub-cool the fluid circulating through the tubes allowing the system to produce coolant temperatures that are near or below ambient.



ADVANTAGES

MINIMAL WATER CONSUMPTION

Substantially lower water usage compared to evaporative cooling towers.

ENERGY SAVINGS

Fans automatically reduce speed as ambient temperature drops.

SELF-DRAINING SUMP TANK

Water is retained and recirculated over the evaporative media and drained when not in use.



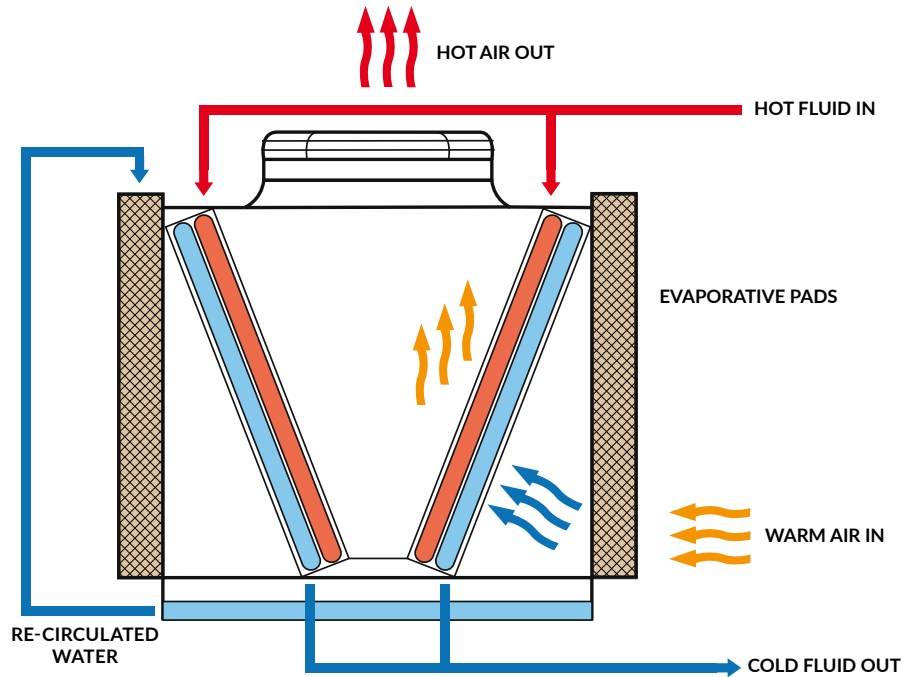
Shown with evaporative media removed



QUALITY CONSTRUCTION

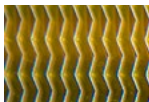
- **Coated Fin Coil:** Copper tube heat exchanger with corrosion resistant polymer coated aluminum fins.
- **Low Noise Fans:** Cast aluminum sickle blades for low noise.
- **Accurate Temperature Control:** Electronically commutated fan motors are inherently variable speed and offer excellent low ambient control.
- **Housing:** Heavy gauge galvaneal steel with powder-coat and UV stabilizer suitable for outdoor service.
- **Replaceable Media:** Pre-cooling media are used to evaporate water as air passes through media. The media ensures the maximum amount of evaporation and air pre-cooling.
- **Stainless Steel Tank & Spray Pump:** Recirculates water over the evaporative media to maximum evaporation.

HOW IT WORKS



OPTIONS

Pump stations and filtration also available.



Coated Aluminum Fins



Replaceable Media

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

DIMENSIONS & CAPACITIES

Model (60Hz)	Typical Flow (gpm)	Typical Cooling (MBH)	Fans Count	Full Load Amps 460V / 3PH	Dimensions in Inches (L x W x H)	Shipping Weight (lbs)
AVV-1x2-6R-910-EC	50-100	250-500	2	9.5	120 x 56 x 70	980
AVV-1x3-6R-910-EC	100-150	500-750	3	14	168 x 56 x 70	1250
AVV-1x4-6R-910-EC	150-200	750-1000	4	18.5	215 x 56 x 70	1650
AVV-2x2-5R-910-EC	150-250	750-1250	4	18.5	130 x 101 x 95	2500
AVV-2x3-5R-910-EC	250-300	1000-1500	6	27.5	180 x 101 x 95	3250
AVV-2x4-5R-910-EC	300-400	1500-2000	8	36.5	228 x 101 x 95	4000
AVV-2x5-5R-910-EC	400-500	2000-2500	10	45.5	274 x 101 x 95	4750
AVV-2x6-5R-910-EC	500-600	2500-3000	12	54.5	322 x 101 x 95	5500
AVV-2x7-5R-910-EC	600-700	3000-3500	14	63.5	370 x 101 x 95	6250

Note: Please consult our sales staff for a quick computerized selection and quotation. Specifications are subject to change without notice.



575 South Gaspie Street, Oxford, MI 48371

1-800-525-8173

1-248-969-3401

www.drycoolers.com

info@drycoolers.com

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