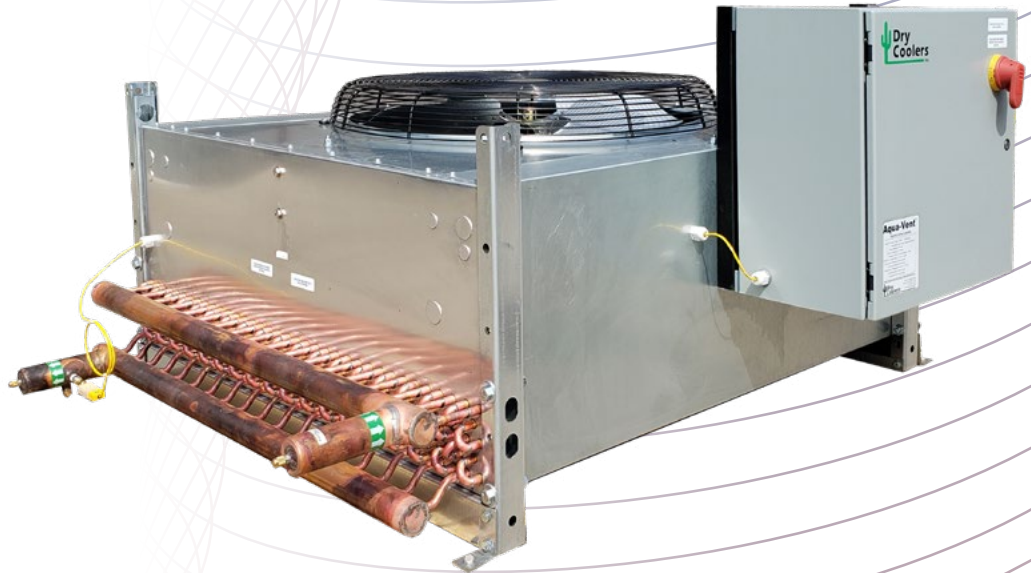


IMMERSION TANK COOLING

Direct liquid-to-air cooling for data centers, cryptocurrency, and other high performance computing systems

Single phase direct air cooling of dielectric fluids is most efficiently done with dry coolers. Simply pump the dielectric fluid outside to a dry cooler and let ambient air cool the fluid. Dry Coolers, Inc. offers fluid coolers in our AquaVent AVR Air-Cooled Heat Exchanger series from 21 kW up to 100 kW cooling capacity.

See our AquaVent AVI Air-Cooled Heat Exchanger series for higher kW loads.



Shown with optional Variable Frequency Drive (VFD) for noise reduction

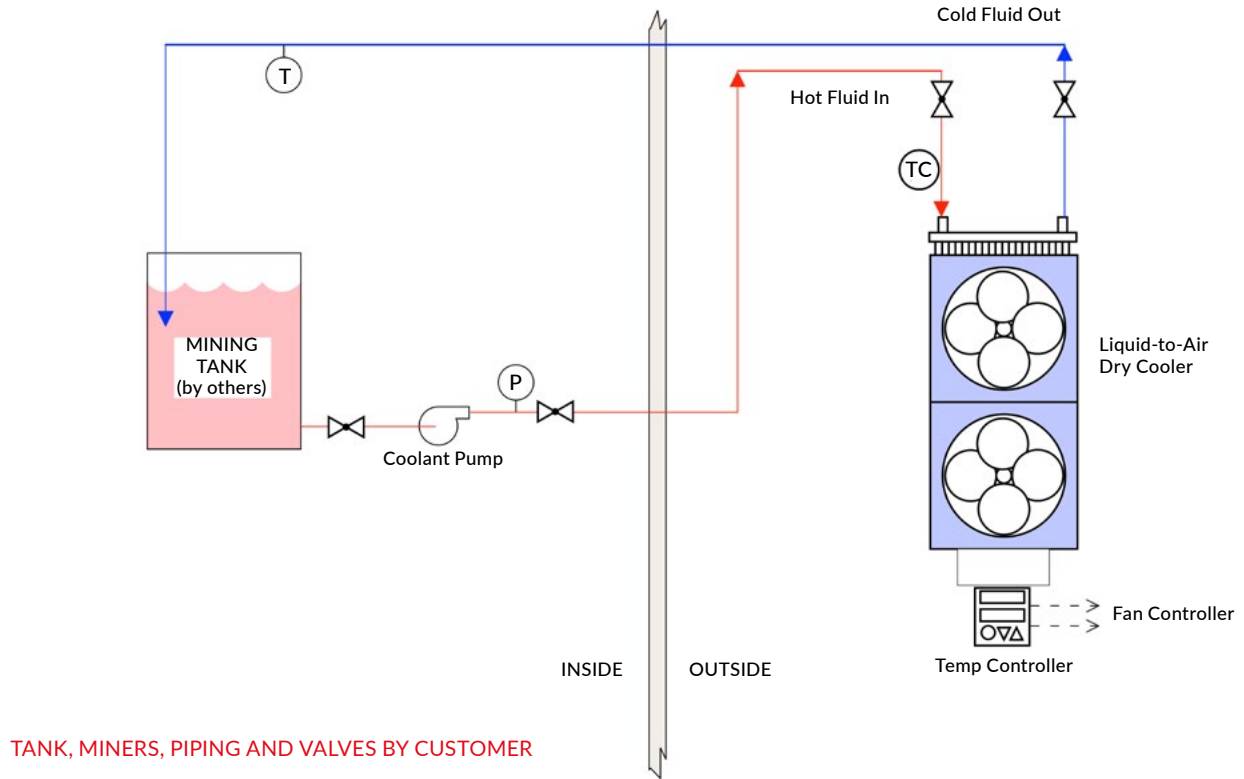
HIGHLIGHTS

- Direct drive aluminum fan
- Single speed fan motor 1/3 HP or 1 HP 1070 RPM ODP
- Copper tubes with aluminum fins
- Copper tube stub connections
- Galvanized plenum
- Vertical air flow (horizontal air flow available)
- 230 volt / 1 phase / 60 Hertz control package with disconnect switch
- Integral controls with fan and pump contactor and fusing
- Temperature control of fan motor
- Stainless steel pump included (ships loose for mounting indoors near tank)
- Weather proof for outdoor location

QUALITY CONSTRUCTION

- Based on dielectric fluid at 140°F/60°C inlet and 95°F/35°C air at sea level
- Voltage: 230V / 1 phase / 60 Hertz
- Estimated 60 dBA noise level at 30 feet
- Dry cooler suitable for outdoor use

TYPICAL PROCESS DIAGRAM



DIMENSIONS & CAPACITIES

Heat Removed (kW)	Dry Cooler Model	Fans Count @ HP	Full Load Amps @ 230V 1ph	Minimum Fluid Flow Required (GPM)	Recommended Pipe Size (inches)	Dimensions (inches) (W x L x H)	Operating Weight (lbs)
21	AVR-8	1 @ 1/3	11.5A	32	1-1/2"	36 x 40 x 31	355
28	AVR-11	2 @ 1/3	16A	38	1-1/2"	36 x 75 x 31	397
36	AVR-13	2 @ 1/3	16A	38	1-1/2"	36 x 75 x 31	410
50	AVR-18	1 @ 1	19A	65	2"	48 x 60 x 43	417
65	AVR-25	2 @ 1	27A	65	2"	48 x 112 x 43	559
100	AVR-35	2 @ 1	27A	100	2-1/2"	48 x 112 x 43	703