

AVD
SERIES

V-BANK DRY COOLER

AquaVent® AVD Series V-Bank Dry Coolers are designed to deliver high cooling capacity, excellent temperature control, and reliable corrosion resistance, making them the ideal solution for a variety of industrial and commercial applications.

The V-shaped design increases the area for heat rejection while minimizing the footprint, resulting in highly efficient cooling for large installations.

ADVANTAGES

NO WATER CONSUMPTION

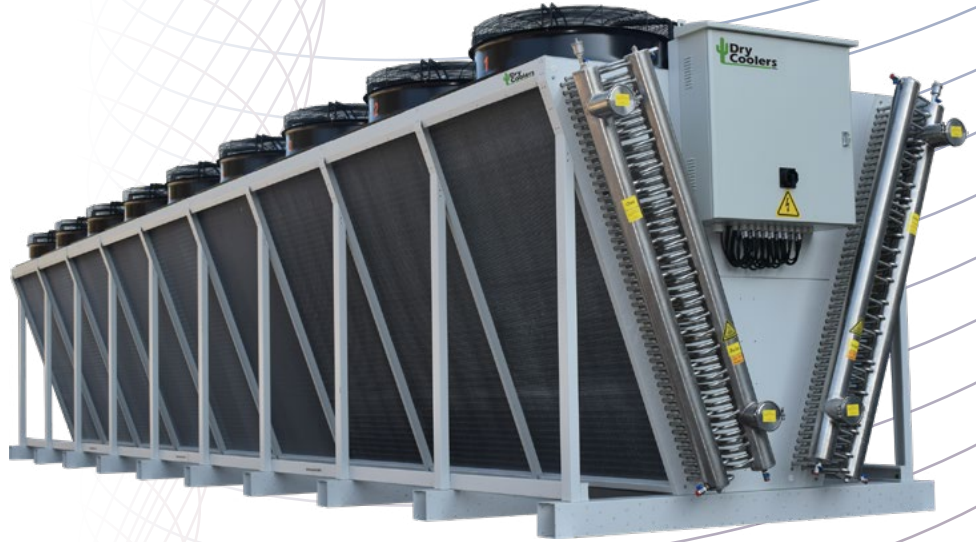
By eliminating direct water exposure through its closed-loop design, this system minimizes the need for maintenance and results in lower operational expenses.

ENERGY SAVINGS

Variable speed fans automatically reduce speed as ambient temperature drops, reducing energy consumption while maintaining optimal cooling performance.

OPTIMIZED SPACE UTILIZATION

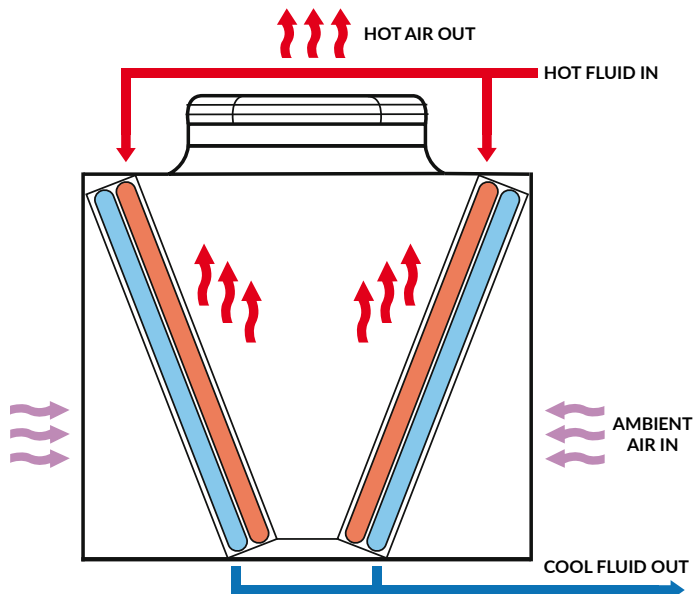
The increased heat exchange surface area in this design facilitates more efficient utilization of space compared to other heat exchangers.



QUALITY CONSTRUCTION

- **Coated Fin Coil:** Corrosion resistant polymer coated aluminum fins ensure long-term durability and reliability even in corrosive atmospheres.
- **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 galvalume steel with powder-coat and UV stabilizer suitable for outdoor service.
- **Transportation:** Fits in a standard shipping container.
- **Controls:** NEMA 4 enclosure and fan controller to regulate fluid temperature.

HOW IT WORKS



OPTIONS

Pump stations and filtration also available.



CLEANLOOP HY Series Hydronic Pump Station



ExoShed Outdoor Mechanical Room



CLEANLOOP NF Series Non-Ferrous Pump Station

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

DIMENSIONS & CAPACITIES

| Model (60Hz) | Fans Count | Typical Flow (gpm) | Typical Cooling ¹ (kW) | Full Load Amps 460V / 3PH | Dimensions in Inches (L x W x H) | Shipping Weight (lbs) |
|-------------------|------------|--------------------|-----------------------------------|---------------------------|----------------------------------|-----------------------|
| AVD-2x2-5R-910-EC | 4 | 200 | 200-300 | 18 | 126 x 88 x 95 | 2983 |
| AVD-2x3-5R-910-EC | 6 | 250 | 300-400 | 27 | 175 x 88 x 95 | 4231 |
| AVD-2x4-5R-910-EC | 8 | 350 | 400-500 | 36 | 224 x 88 x 95 | 5476 |
| AVD-2x5-5R-910-EC | 10 | 450 | 550-650 | 45 | 274 x 88 x 95 | 6717 |
| AVD-2x6-5R-910-EC | 12 | 550 | 700-800 | 54 | 323 x 88 x 95 | 7965 |
| AVD-2x7-5R-910-EC | 14 | 650 | 800-900 | 63 | 372 x 88 x 95 | 9211 |
| AVD-2x8-5R-910-EC | 16 | 750 | 900-1000 | 72 | 421 x 88 x 95 | 10415 |
| AVD-2x9-5R-910-EC | 18 | 850 | 1000-1100 | 81 | 470 x 88 x 95 | 11817 |

¹based on 10F approach

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

www.drycoolers.com

1-248-969-3401

info@drycoolers.com

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