



# HIGH-EFFICIENCY DRY COOLERS FOR DEMANDING ENVIRONMENTS

*Passion for Cooling, Built for Reliability*

[www.dolphinml.com](http://www.dolphinml.com)



# How Do Dry Coolers Work?

Dry coolers transfer heat from hot fluids to the ambient air without the use of water. They consist of a finned-tube heat exchanger and fans that force ambient air across the surface, increasing heat transfer efficiency. The cooled fluid is then recycled or discharged at a lower temperature, ensuring efficient operation and reduced environmental impact

## Key Benefits



### Water Conservation

Operates without water consumption, unlike cooling towers. No supply, treatment, or water-related costs



### Energy Efficiency

Uses natural convection and forced air circulation without pumps/compressors. Lower energy costs and smaller carbon footprint.



### Space Optimization

Compact design with vertical, horizontal, or stacked installations. Ideal for urban areas or limited spaces



### Durable Design

Dolphin systems use copper/aluminum fins with corrosion protection coatings (ASTM B117 tested up to 11,000 hours)



### Reliability & Versatility

Handles water, glycol, oils, and refrigerants for a wide range of industries.



### Low Maintenance

No scaling or fouling issues, reduced downtime, minimal servicing.



### Weather Independence

Works effectively in both hot and cold climates, ensuring year-round reliability.



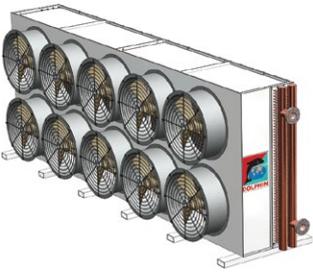
### Noise Reduction

Operates more quietly than cooling towers, ideal for residential or sensitive locations.



# Product Range

Dolphin offers a wide range of Dry Cooler configurations to match diverse site conditions and cooling requirements:



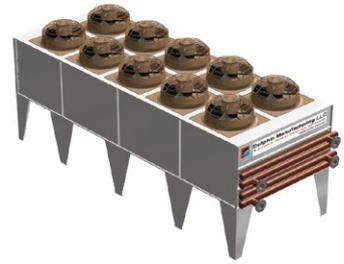
## Vertical Type Coolers

Space-saving design, flexible installation, excellent for urban/limited spaces.



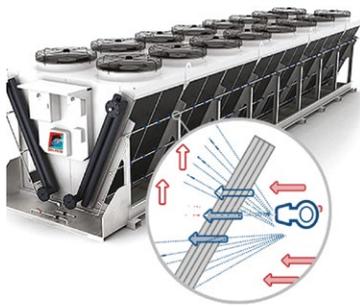
## V-Type Coolers

Compact footprint, high capacity, ideal for data centers and large installations.



## Flat Bed Type Coolers

Efficient air distribution, reliable cooling performance, suitable for industrial use.



## Adiabatic Coolers

Combines dry and evaporative cooling for high efficiency and consistent performance in hot climates.



## Pad Cooling Systems

Pre-cools intake air through wetted pads, enhancing cooling efficiency and reducing energy consumption.



### Sustainability:

Lower power consumption reduces emissions, enhancing environmental efforts.



### Performance Enhancement:

Optimal cooling improves equipment performance and longevity.

## Applications of Dolphin Dry Coolers



**INDUSTRIAL  
PROCESSES**



**DATA  
CENTERS**



**HEALTHCARE  
& HVAC**



**POWER  
GENERATION**



# DOLPHIN DRY COOLERS

## RELIABLE PERFORMANCE, SUSTAINABLE FUTURE

### GET IN TOUCH TODAY

Dolphin Dry Coolers combine sustainability, efficiency, and reliability to meet the growing demands of modern industries. With advanced designs, energy-efficient fans, eco-friendly coolants, and proven global installations, Dolphin ensures superior performance across data centers, healthcare, industrial, and power generation applications.

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