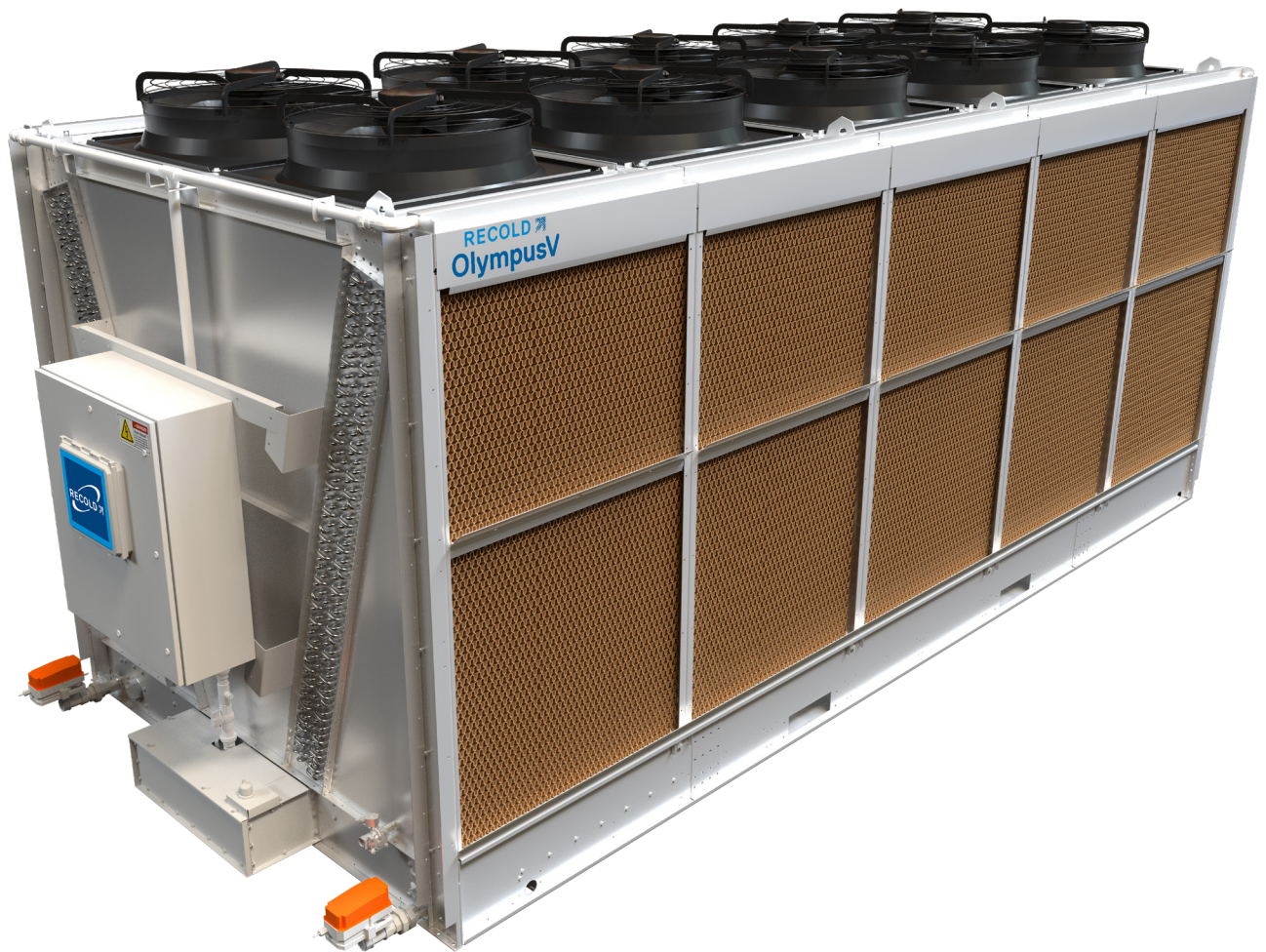


# RECOLD® OlympusV®

New Heights for Adiabatic Cooling



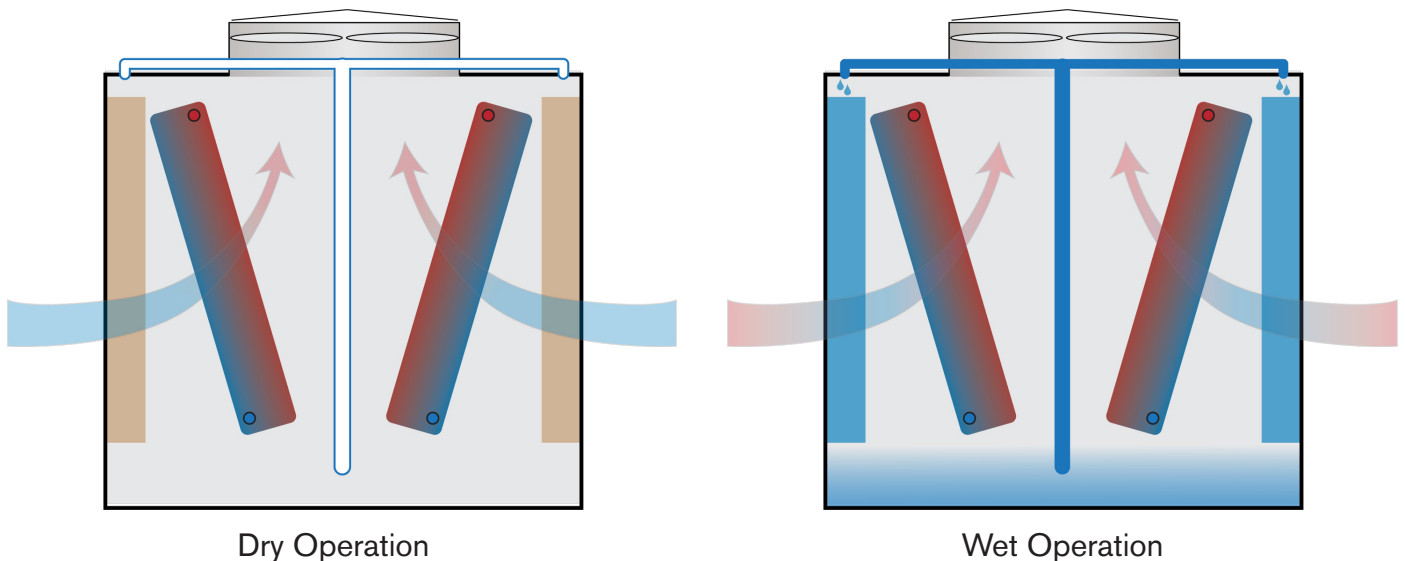
# RECORD OlympusV

FLEXIBLE EFFICIENCY • AVAILABLE FOR CO<sub>2</sub>, AMMONIA AND SYNTHETIC REFRIGERANTS

The Record OlympusV Adiabatic Series balances the water-saving benefits of an air-cooled heat rejection system with the energy efficiency of a water-cooled solution to provide flexible cooling for operators and engineers of commercial or industrial refrigeration systems. OlympusV adiabatic cooling products are designed to provide a reliable heat rejection solution in various conditions – even in hot, dry environments – and are highly effective in both water conservation (dry) and energy conservation (wet) modes. Delivered with intuitive, smart controls designed to save your facility energy and water based on your specific operating conditions, OlympusV may be the right refrigeration solution to take your system to new heights.

- ✓ **Conserves Water**  
Requires minimal onsite water usage compared to evaporative cooling options
- ✓ **Saves Energy**  
Limits onsite energy consumption versus air-cooled solutions
- ✓ **Extends Efficiency**  
Unique recirculating water system improves adiabatic efficiency, limits scaling and helps extend pad life
- ✓ **Flexible Operation**  
Offers operators a user-friendly control system to regulate water/energy usage
- ✓ **Built for Quality**  
Quality materials and robust construction, designed for lasting performance

## Flexible Cooling for Optimal Heat Rejection



## Balance Energy and Water Usage

The OlympusV adiabatic series from Recold allows you the option to operate with or without water, utilizing only the fans during off-peak times or employing water over the adiabatic pads when operating conditions require additional cooling assistance. Two main modes of operation are Water Conservation Mode or Energy Conservation Mode.



### Water Conservation Mode:

Fans are prioritized as heat load increases to minimize evaporation and save water



### Energy Conservation Mode:

Water is prioritized as heat load increases to reduce fan power and save energy

## Designed for Efficiency and Ease of Use

### EC Fans

High efficiency, factory-installed EC fans deliver reliable performance, minimize sound with their quiet operation, and significantly reduce maintenance costs.

### Extended Pad Life

Unique recirculating water distribution methods designed to help improve performance and reduce scale for more efficient cooling.

### Intuitive Controls

CoolBoost Opti AD smart controls come standard, allowing users to adjust water and energy usage based on the needs of their unique operating conditions.

### Stainless Steel Coils

Corrosion-resistant stainless steel coils with aluminum fins optimized for a variety of applications, including CO<sub>2</sub>, ammonia and other refrigerants.

### Quality Steel Construction

Stainless steel in wet areas of all units, with optional upgrade to full stainless steel casing, and backed by more than 100 years of innovative heat rejection design and decades of experience in hybrid cooling technologies.



## Fully Rated, Genuine Performance

Applications	Refrigerant Condensing, CO2 Cooling	
Adiabatic Design	Pad / Media	
Water System	Integral Recirculating Pump	
Air Flow	Induced draft, vertical discharge	
Fans	Direct drive airfoil impellers	
Motors	Electronically commutated (ECM)	
Coil Construction	Stainless steel tube / aluminum fin	
Unit Construction	Galvanized steel with stainless steel wet areas	
Unit Sizes	Single Fan Wide	Two Fan Wide
Number of Fans	1 – 6 fans	4 – 20 fans
Nominal Width	6.5 ft	9.5 ft
Nominal Length	4.3 ft – 24.8 ft	8.7 ft – 41.4 ft
Nominal Height	6.8 ft	10 ft
Heat Rejection*	153 – 2,131 MBH	900 – 6,662 MBH

\* Operating dry with R717 at 100°F CT and 80°F DB

### Models available for CO2, Ammonia & Synthetic Refrigerants

To learn more about the Recold OlympusV adiabatic series, or to speak with a nearby Recold cooling expert about your refrigeration needs, visit [spxcooling.com/adiabatic-cooling-systems](https://spxcooling.com/adiabatic-cooling-systems)

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