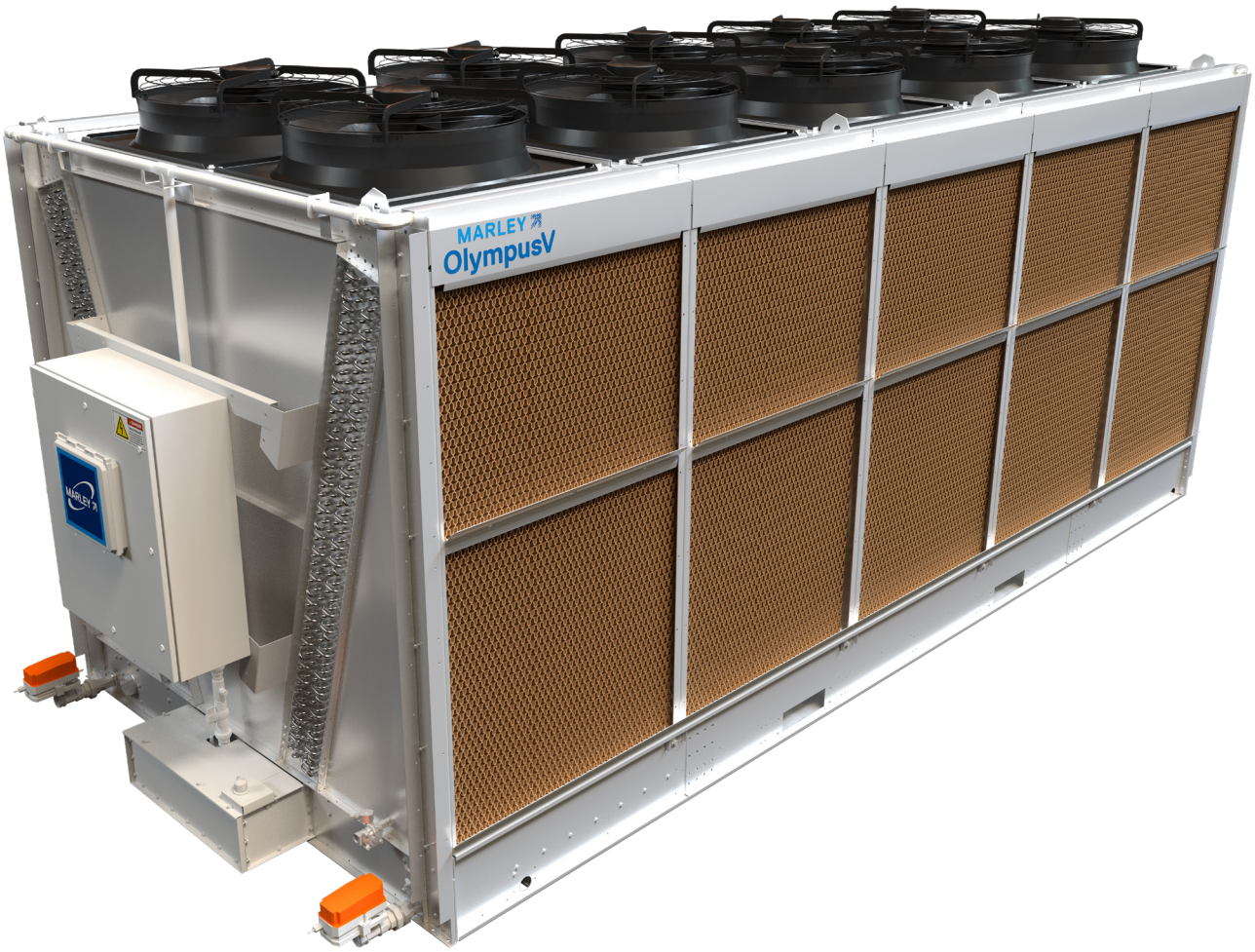
MARLEY® OlympusV™ Adiabatic Fluid Cooler

New Heights for Adiabatic Cooling



MARLEY®

MARLEY OlympusV

FLEXIBLE EFFICIENCY • TRUSTED PERFORMANCE

The Marley 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 a fully rated, reliable heat and engineers of HVAC or industrial 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 cooling solution to take your system to new heights.

✓ Conserves Water
Requires minimal onsite water usage compared to evaporative cooling options

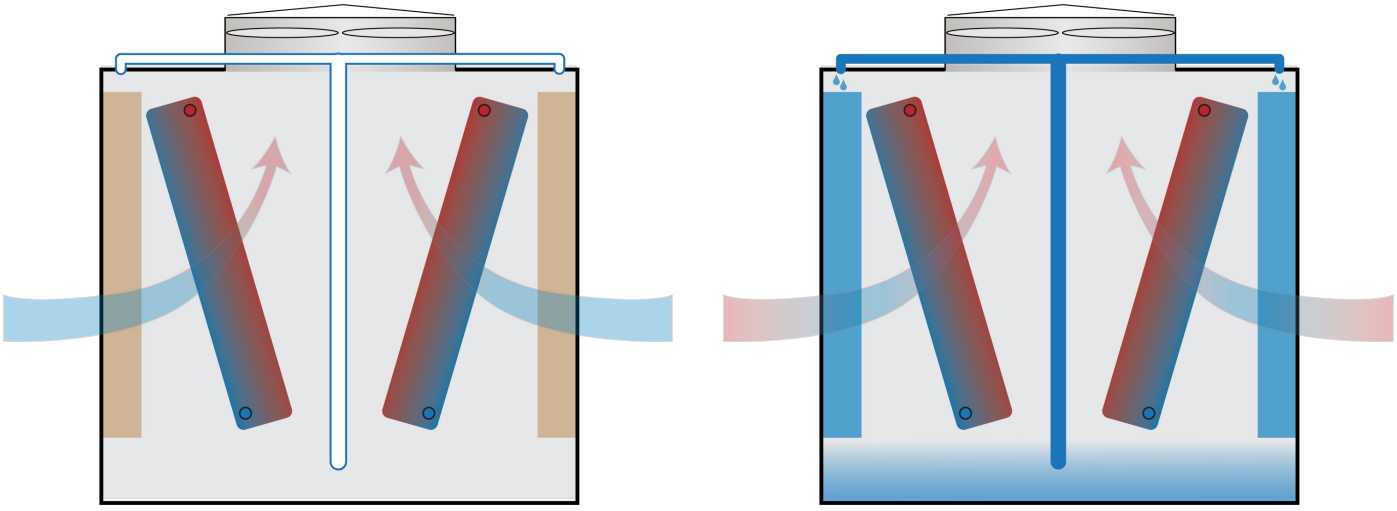
✓ Saves Energy
Limits onsite energy consumption versus air-cooled solutions

✓ 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



Dry Operation

Wet Operation

Balance Energy and Water Usage

The OlympusV adiabatic series from Marley 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.

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 CO2, ammonia and other refrigerants.

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

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	Fluid 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*	130 - 1,632 MBH	704 - 5,194 MBH

* Operating dry at 115°F - 105°F - 95°F

Suitable for fluid cooling applications with water, glycol and other fluids

To learn more about the Marley OlympusV adiabatic series, or to speak with a nearby Marley cooling expert about your cooling needs, visit spxcooling.com/adiabatic-cooling-systems

CTI Certified Dry Performance
Performance is certified under CTI standard 201 program in dry operation only
Visit cti.org/certification-directory for details

SPX COOLING TECH, LLC
7401 WEST 129 STREET
OVERLAND PARK, KS 66213 USA
913 664 7400 | spxcooling@spx.com
spxcooling.com

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