

# COOLING TOWERS CLOSED CIRCUIT FLUID COOLERS EVAPORATIVE CONDENSERS



®  
for LIFE





## EVAPCO for LIFE

EVAPCO is more than a name. We are the global innovator in heat transfer solutions for the commercial HVAC, industrial refrigeration, power and industrial process markets. We pledge to make everyday life easier, more comfortable, more reliable and more sustainable for people everywhere.

## OUR COMMITMENT

We never stop innovating. We set out to find groundbreaking solutions that transform the way the world works for the better. We also guarantee performance and put every solution through rigorous research and testing to ensure maximum efficiency and reliability.

## PROTECTING THE ENVIRONMENT

Innovation and environmental sustainability go hand-in-hand at EVAPCO. Our industrial heat transfer equipment not only conserves natural resources and helps reduce noise pollution, but also features recycled steel content in construction. From sound reduction to water conservation to chemical elimination, we are developing new technologies that deliver ultimate operating advantages to our clients while protecting the planet for every generation to come.



EVAPCO's wholly-owned factory in Shanghai, China



Since its founding in 1976, EVAPCO, Incorporated has become an industry leader in the engineering and manufacturing of quality heat transfer products around the world. EVAPCO's mission is to provide first class service and quality products for the following markets:

- ▶ Commercial HVAC
- ▶ District Energy
- ▶ Industrial Process
- ▶ Industrial Refrigeration
- ▶ Power

EVAPCO's powerful combination of financial strength and technical expertise has established the company as a recognised manufacturer of market-leading products on a worldwide basis. EVAPCO is also recognised for the superior technology of its environmentally friendly product innovations in sound reduction and water management.

EVAPCO is an employee owned company with a strong emphasis on research & development and modern manufacturing plants. EVAPCO has earned a reputation for technological innovation and superior product quality by featuring products that are designed to offer these operating advantages:

- ▶ Higher System Efficiency
- ▶ Environmentally Friendly
- ▶ Lower Annual Operating Costs
- ▶ Reliable, Simple Operation and Maintenance

With an ongoing commitment to Research & Development programs, EVAPCO provides the most advanced products in the industry.

EVAPCO products have been marketed in Australia for more than 30 years beginning in the mid 1980's under an exclusive manufacturing agreement with F. Muller and continuing with the appointment of Aqua-Cool Towers as EVAPCO's exclusive licensee in 1995. In October 2009 EVAPCO, Inc acquired the controlling interest in Aqua-Cool Towers. The organisation was quickly restructured and all activities re-established under the new company name EVAPCO Australia, Pty Ltd.



	eco-AIR		
Product Line	eco-Air V-Series Adiabatic	eco-Air V-Series Dry	eco-Air Flat Series Dry
Standard Features			
Induced Draft	●	●	●
Pre-Cooler System	●		
IEC Fans	●	●	●
IBC Compliant	●	●	●
Copper Coil	●	●	●
No Water Usage		●	●
Options and Accessories			
EC Fans	●	●	●
Internal Service Platform	●	●	
Stainless Steel Coil	●	●	●



EVAPCO understands that compliance with international and local standards guarantees products manufactured by EVAPCO provide the highest levels of performance, public health and safety, quality and reliability customers have come to expect from premium EVAPCO products. Compliance with standards and the relevant third party certifications give customers peace of mind when choosing EVAPCO products.



### CTI Certified - Standard 201

The thermal performance of every EVAPCO cooling tower and closed circuit cooler is independently certified by the Cooling Technology Institute (CTI) under STD-201. This certification guarantees that the unit will meet rated capacities, eliminating the necessity for costly field performance tests.



### International Building Code (IBC) Compliant Designs

EVAPCO has independently certified its units to withstand seismic and wind loads in ALL geographic locations and installations in accordance with IBC 2018.



### Compliant with Australian Standards

EVAPCO products sold in Australia meet all applicable Australian standards including:  
 AS3666.1 - Air Handling and Water Systems of Buildings - Microbial Control - Design  
 AS1657 - Fixed Platforms, Walkways, Stairways and Ladders  
 AS1170 - Structural Design  
 AS1210 - Pressure Vessels



### ISO Certified Factory














EVAPCO products for the Australian market are manufactured in ISO certified factories owned & operated by EVAPCO. These important certifications of ISO 9001 "Quality Management" and ISO 14001 "Environmental Management" ensure that production processes are in place to provide a consistently high level of quality and commitment to environmental stewardship & responsibility.



### Exclusive Five (5)-Year Motor & Drive Warranty

EVAPCO provides every unit with a 5-year motor and drive warranty which covers the fan(s), bearings, pulleys, shafts, belts, gear reducer(s), drive shaft(s), drive couplings, electric fan motor(s), and mechanical equipment supports on both belt and gear drive units.

# PRODUCT AND DESIGN FEATURES

	Cooling Towers				Closed Circuit Fluid Coolers					Evaporative Condensers				
														
Product Line	AT UT USS	AXS	LSTE	LPT	ATWB eco-ATWB	eco-ATWB-H	ESWB	LSWE	LRWB	ATC-E eco-ATC-A	ATC-DC	PMC-E	LSC-E	LRC
Standard Features														
Counterflow	●		●	●	●	●	●	●	●	●	●	●	●	●
Induced Draft	●	●			●	●	●			●	●			
Forced Draft			●	●				●	●			●	●	●
Axial Fan	●	●			●	●	●			●	●	●		
Centrifugal Fan			●	●				●	●				●	●
CTI Certified	●	●	●	●	●	●	●	●	●	N/A	N/A	N/A	N/A	N/A
FM Approved	●	●	●		●	●	●	●	●	●	●	●	●	
IBC Compliant	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Coil Design Verified	N/A	N/A	N/A	N/A	●	●	●	●	●	●	●	●	●	●
Five Year Motor & Drive Warranty	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Materials of Construction														
G235 / SS304 / SS316	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Options and Accessories														
Super Low Sound Fan	●	●			●	●	●			●	●	●		
Discharge Sound Attenuation	●		●	●	●	●	●	●	●	●	●	●	●	●
Indoor Applications			●	●				●	●				●	●
Containerised Shipment	●		●	●	●		●	●	●	●		●	●	●



# PROFESSIONALS "PLAY" BY THE SAME RULES

**E**VAPCO, an industry leader in the engineering and manufacturing of quality heat transfer products around the world, strongly believes that it is important to compete with other manufacturers using the same rules. After recognising that thermal ratings were at the mercy of manufacturers methods and assumptions, the industry welcomed the formation of the Cooling Technology Institute (CTI) in order to standardise and verify thermal ratings for cooling towers and transparently distribute that information in the public domain. Today, cooling tower ratings are declared & guaranteed by the participating manufacturer and certified for accuracy by CTI under Standard 201 "Standard for Thermal Performance Certification of Evaporative Heat Rejection Equipment" (STD-201). All participating manufacturers, their equipment model numbers, and their thermal ratings can be freely accessed online at [www.cti.org](http://www.cti.org).



This program reduces risk for owners and end users by requiring manufactures to physically test their cooling towers in the laboratory against the published thermal ratings every year, requiring successful results in order to achieve and maintain certification. By certifying thermal performance in this manner, consultants are able to trust and accurately use manufacturer's equipment data in conjunction with statistical climatic data (such as ANSI/ASHRAE Standard 169-2013 or AIRAH DA09) rather than rely on inflated safety factors and rule-of-thumb guidelines. This can save thousands of dollars that would otherwise have to be spent on conducting expensive field performance tests after installation to ensure that the system is operating as designed. Ensure proper system efficiency, save money, and allow CTI to keep manufacturers honest by including the following phrase in your next specification:

**"The cooling towers, inclusive of all accessories and sound reduction options,  
shall be CTI certified under standard 201 (STD-201)."**

**EVAPCO Australia Pty Ltd - Regional Headquarters Australia & New Zealand**



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**COMMITTED TO MAKING LIFE EASIER, MORE RELIABLE AND MORE SUSTAINABLE FOR PEOPLE EVERYWHERE**