

Cummins	Jenbacher	Man	MTU	MWM	Waukesha
Cummins HSK 78G	Jenbacher J208	Man 51/60G	MTU 8V4000	MWM TCG 2032	Waukesha 16V 275GL
Cummins GTA 50E	Jenbacher J312	Man 35/44G	MTU 12V4000	MWM TCG 3020	Waukesha 12V 275GL
Cummins QSK60G	Jenbacher J316		MTU 16V4000	MWM TCG 2020	Waukesha VGF F18SE
	Jenbacher J320		MTU 20V4000	MWM TCG 3016	Waukesha VGF F24SE
	Jenbacher J412				Waukesha VGF L36GSI
	Jenbacher J416				Waukesha VGF P48GSI
	Jenbacher J420				Waukesha VHP P9394GSI S5
	Jenbacher J612				Waukesha VHP L7044GSI S5
	Jenbacher J616				
	Jenbacher J620				

DRY COOLER



CONTACT US

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COMPANY PROFILE

Weifang Sinrui Radiator is a professional factory design and produce all cooling system products, such as dry cooler, mining radiator, generator sets ect. All products can also be customized according to customer requirements.

High-efficiency production and high-quality products are committed to reducing operating cost and downtime for customers.

Special solutions developed in-house and flexible manufacturing can be optimally combined with the customer's system concept. The specific environment and demanding application requirements of the customer's project can be met through our various design materials and complex surface coating processes.



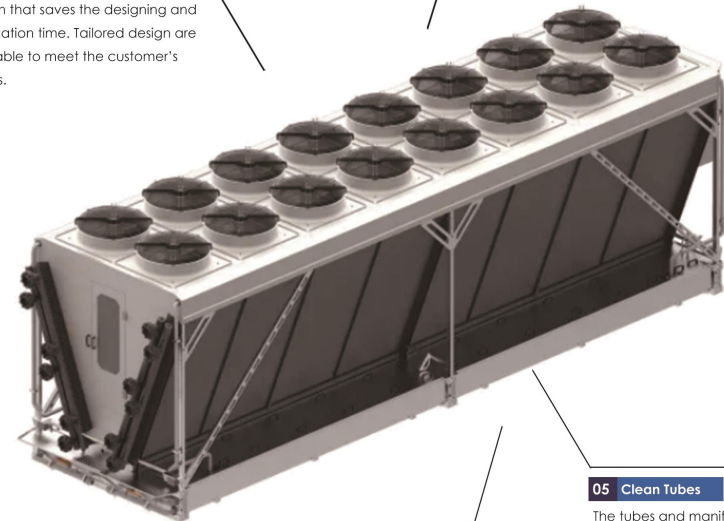
V Series Dry Cooler

01 Modular design

All components are of modular design that saves the designing and fabrication time. Tailored design are available to meet the customer's needs.

02 Easy Installation

Lifting eyes are provided for lifting and handling. The V-shaped design features air suction from the bottom that allows elevated installation in a group. Optimized structure design, minimal steel usage.



05 Clean Tubes

The tubes and manifold are clean internally. No discoloration. The interior surface of the coils are 100% inspected by the endoscope.

04 High Reliability

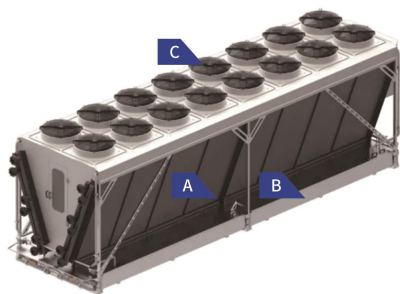
The metal sheets are reinforced by multiple forming and pressing. It can be handled by crane or forklift. The tubes are hydraulically expanded to ensure tight contact between tubes and fins, which is the key for excellent heat transfer property.

03 Control System

PID controller provided for precise fan VSD control. Each fan is compartmentalized from each other. The coils temperature can be controlled separately. The failure of one fan will not affect the running of the other fans. The air-short-circuit is not possible.

Design

Dry coolers are powerful and have a wide range of applications. This series of equipment is designed for applications that require high performance and high stability. The equipment can be specially designed according to the specific requirements of the customer's project. The media used can be water, alcohol mixtures, deionized water and oil.



Hot-dip galvanized steel, high-grade powder coating (standard color RAL7035, also available in special colors)
Optional: Stainless steel 316 (1.4404), also available in coating
All connecting parts stainless steel 304/316
C3 corrosion protection (protection: C4, C51/M)



A.Heat exchange coil

Tube material:Copper tube, stainless steel 304 (1.4301)/316 (1.4404)
Efficient staggered tube arrangement
Working pressure determined by material
Fins:Aluminum, aluminum magnesium alloy 2.5, epoxy coated aluminum, cathodic electrophoretic coating, copper.
Fin coil structure without support plate, smooth fin surface, easy to clean.
The standard fin spacing is 2.0-3.0mm, other fin spacing can be customized according to customer requirements.



C.Fans

Axial fans are selected according to the actual working point of the project application
Aerodynamically optimized blade geometry, high efficiency, low noise.
Smooth operation thanks to the dynamic balance of the two-stage fan
Can be designed for voltages in different countries and industrial power grids.
CE certification and many other international certifications
Range of use from standard applications to hot air design.



▲ V Shape Dry Cooler



▲ Horizontal Dry Cooler

	Working Fluid	Heat Exchange	Test Pressure	Pitch	
Condenser	HFC	132-2060	32 bar	2.0/2.4/3.0mm	
Dry Cooler	Ethylene glycol	95-1260	16 bar	2.0/2.4/3.0mm	
Available Spare Parts					
		HFC	Liquid Cooling		
Multi-circuit coil		√	√		
Fan junction box		√	√		
Fan safety switch		√	√		
Fan speed control		√	√		
Spray/water precooling system		√	√		
Flange connection			√		
Threaded connection			√		
Ball valve drain/vent			√		
Material					
Working fluid	Shell	Fins	Coil	Outlet header	Interface
HFC	Galvanized steel	Aluminum	Copper	Copper	Copper
	powder coating	(standard)			
		Epoxy coated aluminum			
Ethylene glycol	Galvanized steel	Aluminum	Copper	Copper	Copper
	powder coating	(standard)			
		Epoxy coated aluminum			
Number of fans 1-18					
Size	800	900			
Fin Spacing	2	2.4	3		

APPLICATIONS

Our products have a wide range of uses, covering food and medicine cold storage, cold chain logistics centers, refrigeration equipment, processing workshops, hospitals, schools, office buildings, data centers, indoor ice skating and skiing resorts, chemical industry, energy and other fields.



Food and medicine cold storage



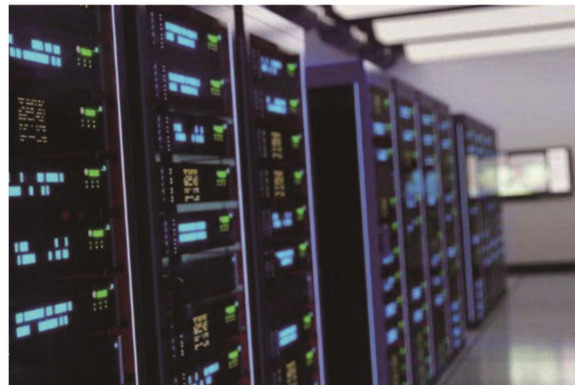
Cold chain logistics centers



Indoor ice skating and skiing resorts



Refrigeration equipment



Data centers



Gas generator power plant