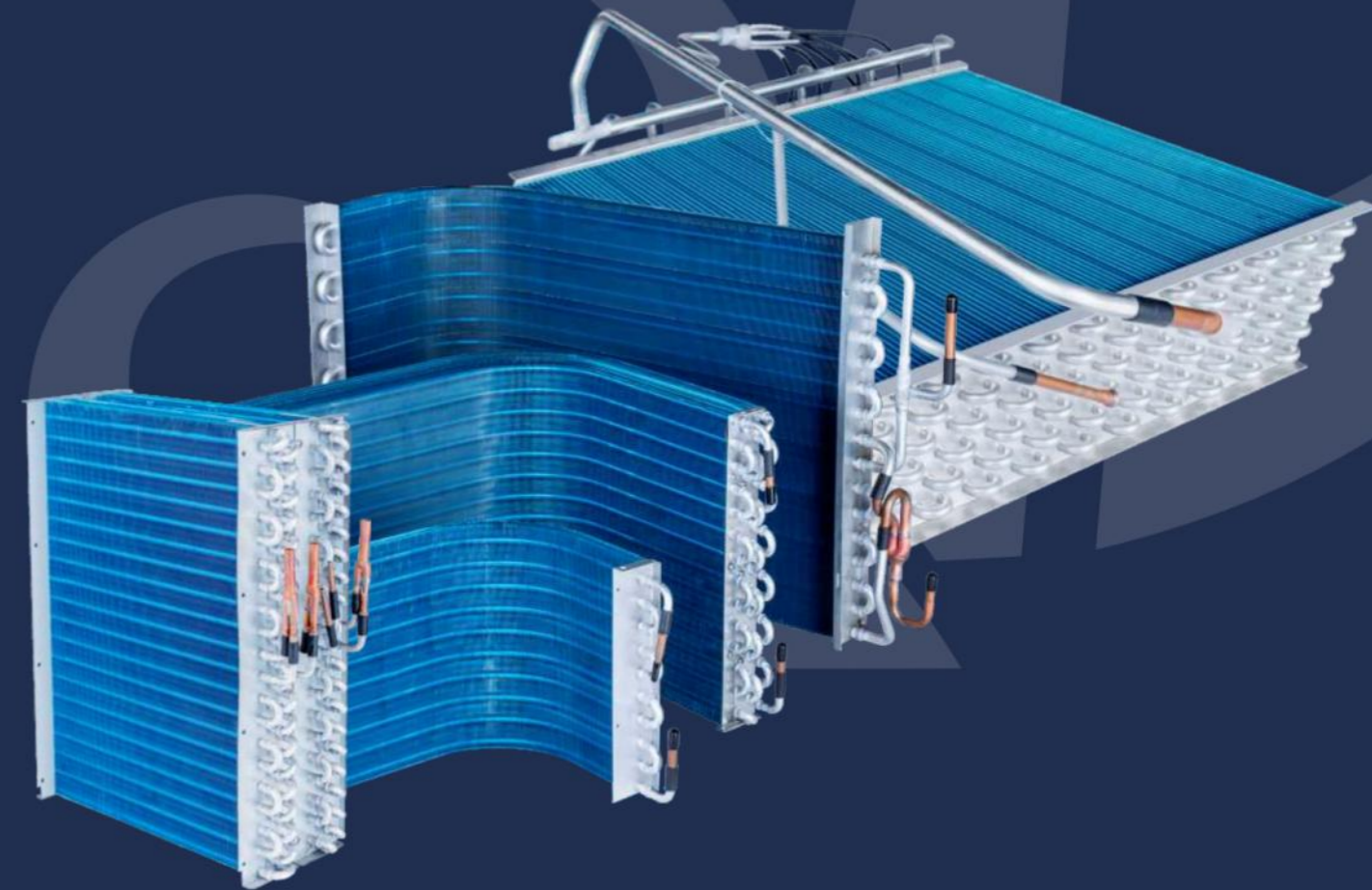


Quality Priority
Constant Improvement
Superior Service
Customer Delight

**Specializing in R&D and Manufacturing of
Evaporators & Condensers**

Condenser | Evaporator | Radiator | Heat Exchanger



Canjiang Lai



Grace Zhang



Victoria Li

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Grace Zhang 0086-151-5388-0715

Victoria Li 0086-133-9653-5686



ABOUT US

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Revolutionizing Tradition · Leading the Future — A Comprehensive Solution for Aluminum Tube Evaporators/Condensers

Reduce costs · Double efficiency — Redefining heat exchange efficiency.

In the manufacturing sectors of air conditioning and dehumidifier, the traditional high-cost and low-efficiency solutions are now a thing of the past.

Featuring innovative aluminum tube evaporator and condenser technologies, Hangzhou Yijie Refrigeration Technology Co., Ltd. delivers dual optimization for the industry: cost reduction and efficiency improvement, helping clients gain a leading market position.

Core Advantages

Optimize Costs · Upgrade Profit

Breaking through the limitations of traditional copper material, we adopt high-performance aluminum tube technology, this reduces material costs by more than 30% while offering significant advantages in mass production.

Our lightweight design also reduces logistics and installation costs, giving clients greater flexibility for competitive pricing.

Performance Leap · Industry Benchmark

Professional flow channel design combined with an extended fin structure increases the heat exchange area by 30% and enhances cooling/heating response speed by 20%.

Our refrigerant flow optimization technology improves dehumidification efficiency to industry-leading levels, while delivering energy consumption performance on par with copper tubes.

Military-Grade · Long-Term Stability

Our products have passed 500-hour standard salt spray tests and 50,000 pressure cycle verification. Their corrosion resistance and compressive strength far exceed national standards.

Automated production lines ensure product consistency, with a failure rate below 0.5%, significantly reducing after-sales maintenance costs.

Brand Strength

Hangzhou Yijie Refrigeration Technology Co., Ltd. (formerly Hangzhou Yadan Refrigeration Parts Co., Ltd.) has 12 years of deep expertise in heat exchangers and hold multiple core technologies.

Equipped with strong custom service capabilities, our products are applied across a wide range of scenarios, including household AC, automotive AC, dehumidifiers, cold chain system, eco-friendly equipment, machine rooms, and warehouses.

We support the full-process service — personalized design → trial production → bulk delivery.

Our clients span the globe across multiple industries.

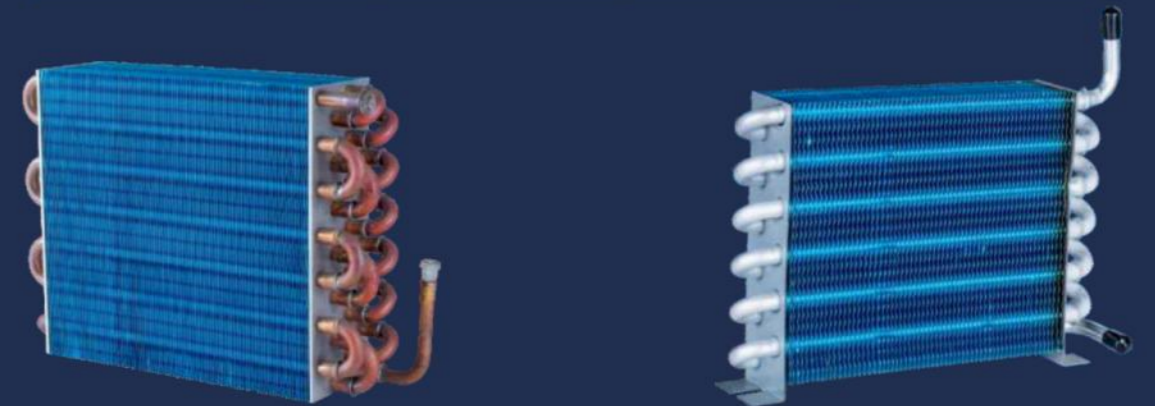
Triple Guarantees — Choose Yijie Refrigeration Technology

- ✓ Cost Control Expert
- ✓ Performance Optimization Partner
- ✓ Long-Term Stable Supplier

Performance Data Comparison: Copper Tube vs. Aluminum Tube Condensers

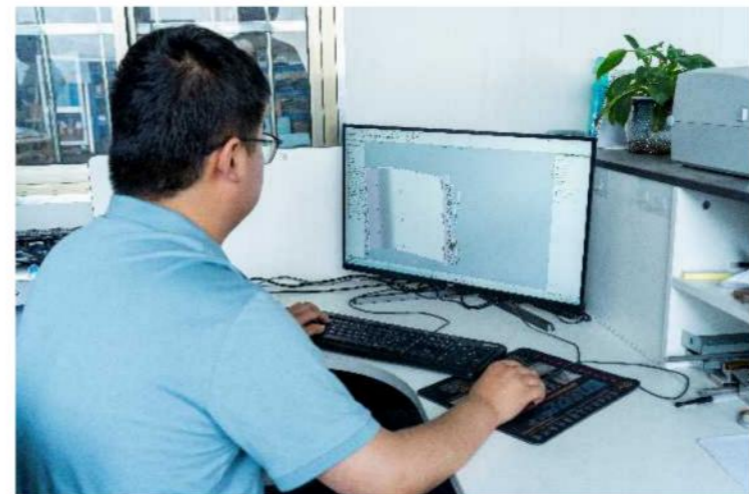
System Configuration: Condenser 4M5 19.5+ Evaporator 3M7, KB Motor 1355R/ 140W

Item	Unit	Copper-Tube Evaporator	Aluminum-Tube Evaporator	Deviation
Capillary Tube		1.2X700	1.2X700	/
Refrigerant Charge	g	182	170	-12
Cooling Capacity	W	2441.2	2396.2	-45
Capacity Ratio	%	97.6	95.8	-1.8
Unit Power	W	973.6	963.3	-10.3
Unit Current	A	4.4	4.4	0
Energy Efficiency Ratio	W/W	2.507	2.487	-0.020
Unit Voltage	V	220.7	220.4	-0.3
Circulating Air Volume	m3/h	278	285	7
Discharge Gas	°C	71.8	71.4	/
Mid Cooling	°C	50.5	53.8	/
Mid Cooling	°C	52.4	52.5	/
Cooling Outlet	°C	36.5	37.1	/
Evaporator Inlet	°C	10.8	13.0	/
Evaporator Middle	°C	12.9	11.4	/
Evaporator Middle	°C	17.0	11.4	/
Evaporator Outlet	°C	12.6	13.3	/
Evaporator Outlet	°C	18.3	18.2	/
Return Gas	°C	18.6	16.7	/



STRONG FACTORY

Professional Design, Custom Built





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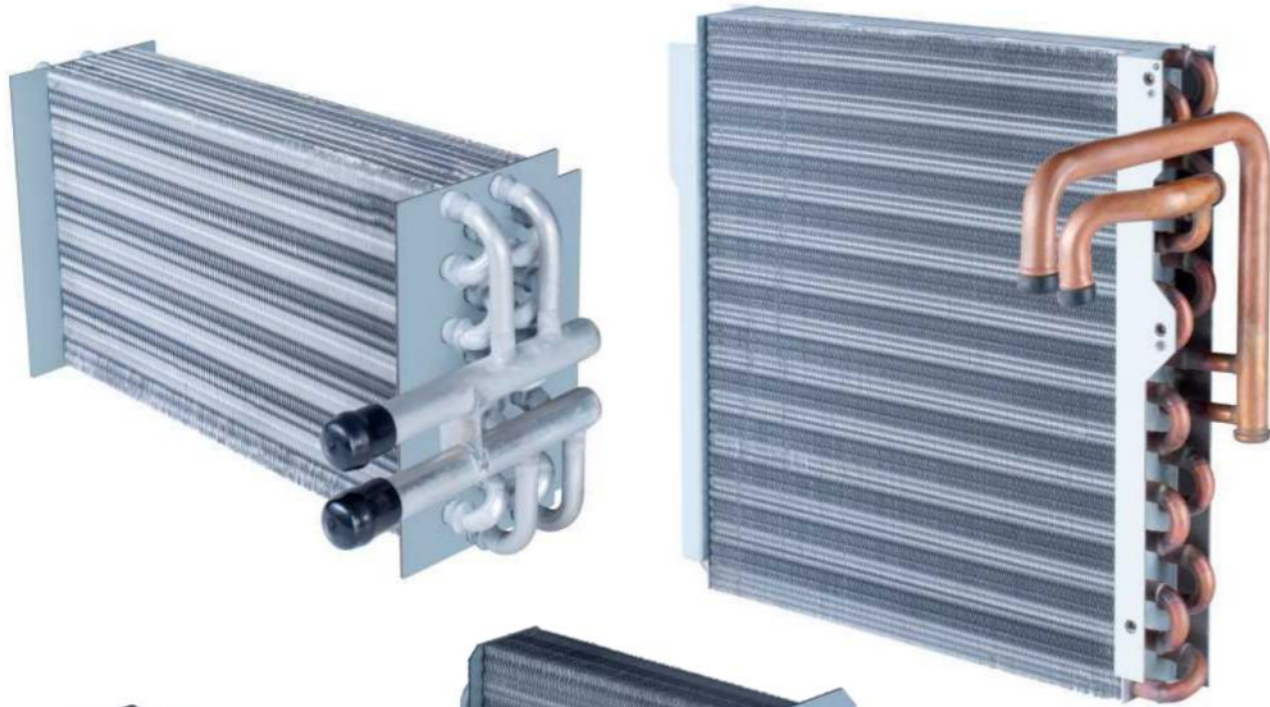
Automotive Series



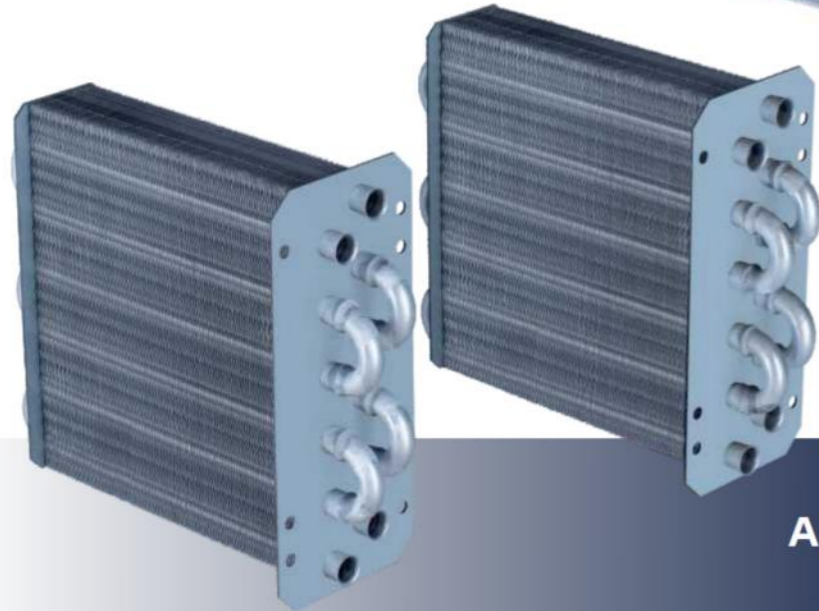
专注制冷系统解决方案



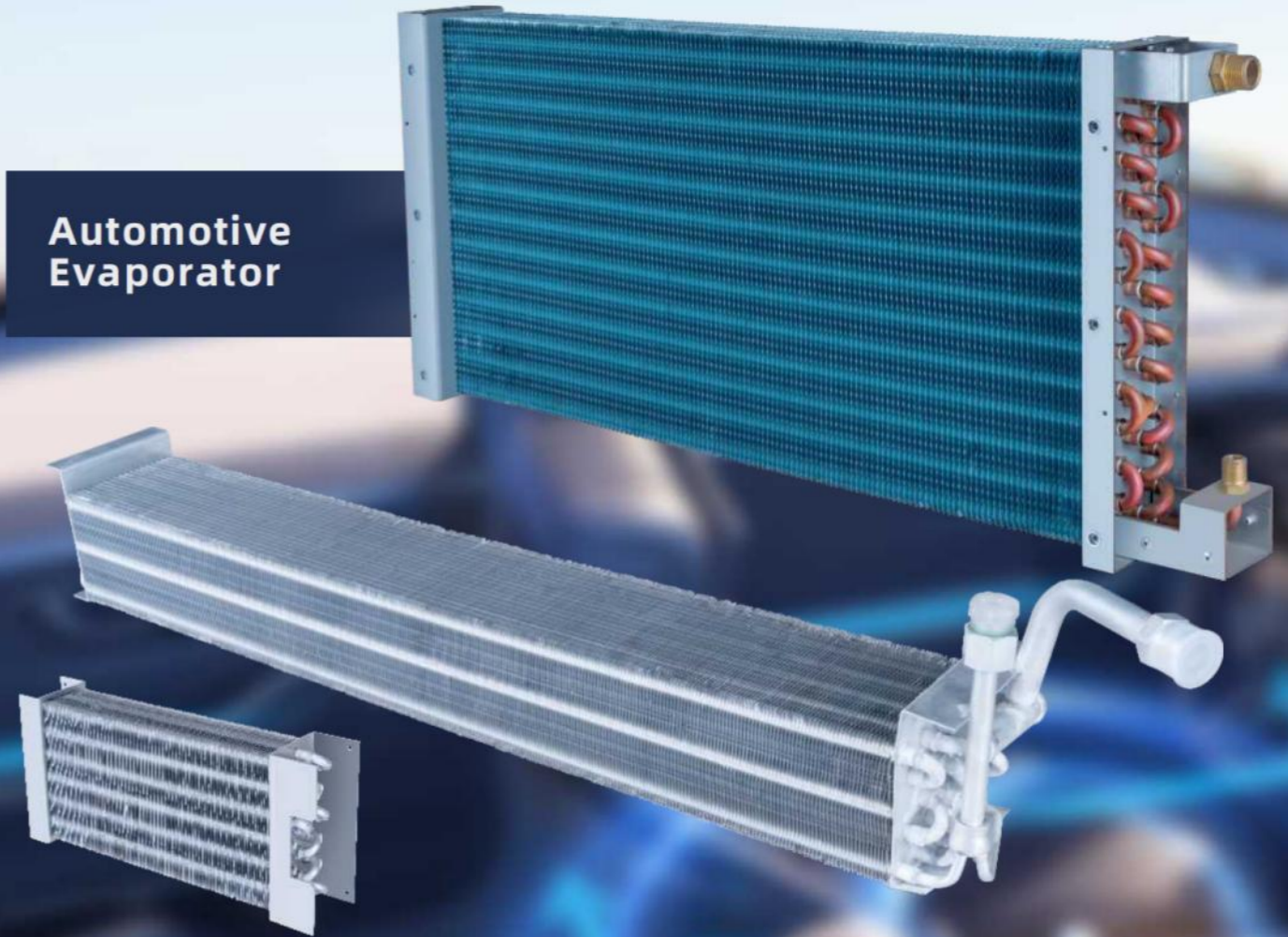
Automotive Condenser



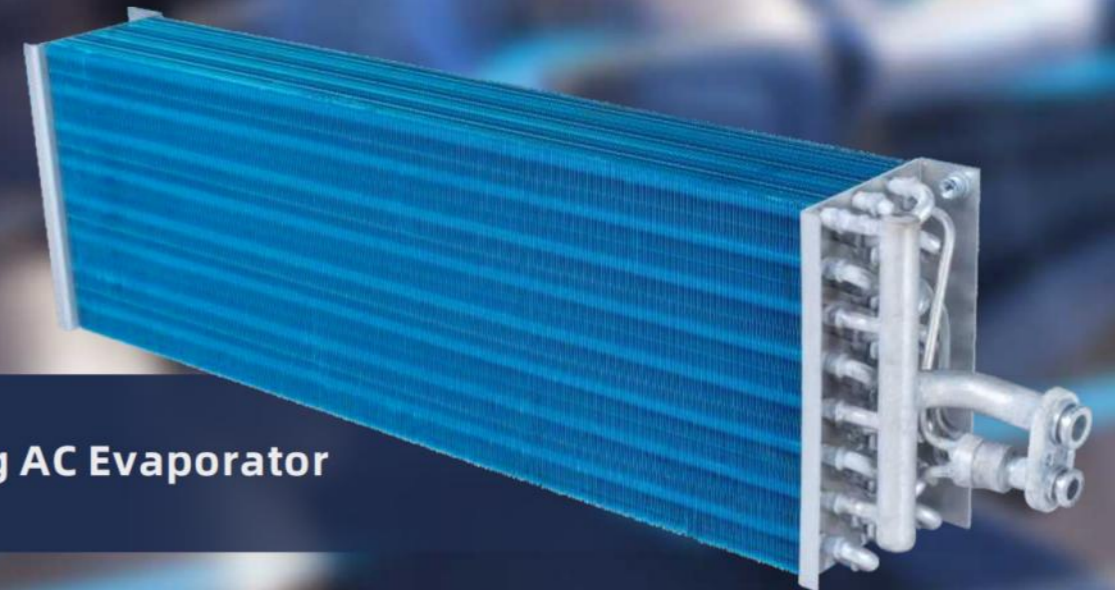
Automotive Heater



Automotive Evaporator

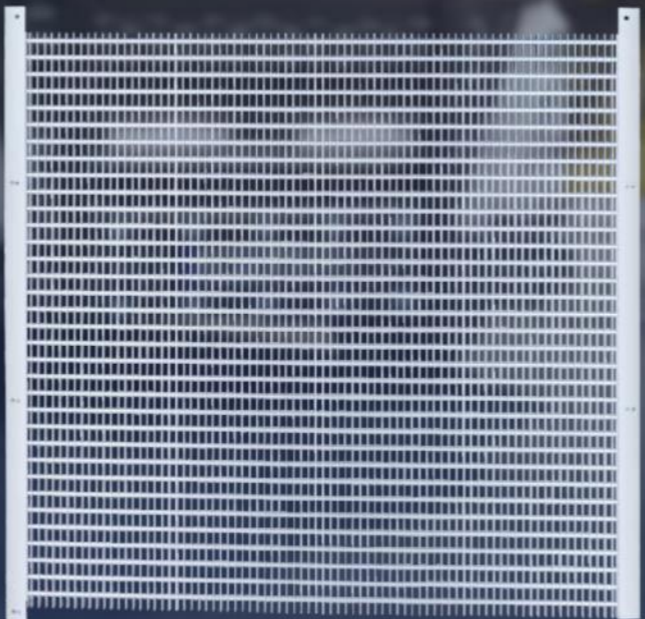
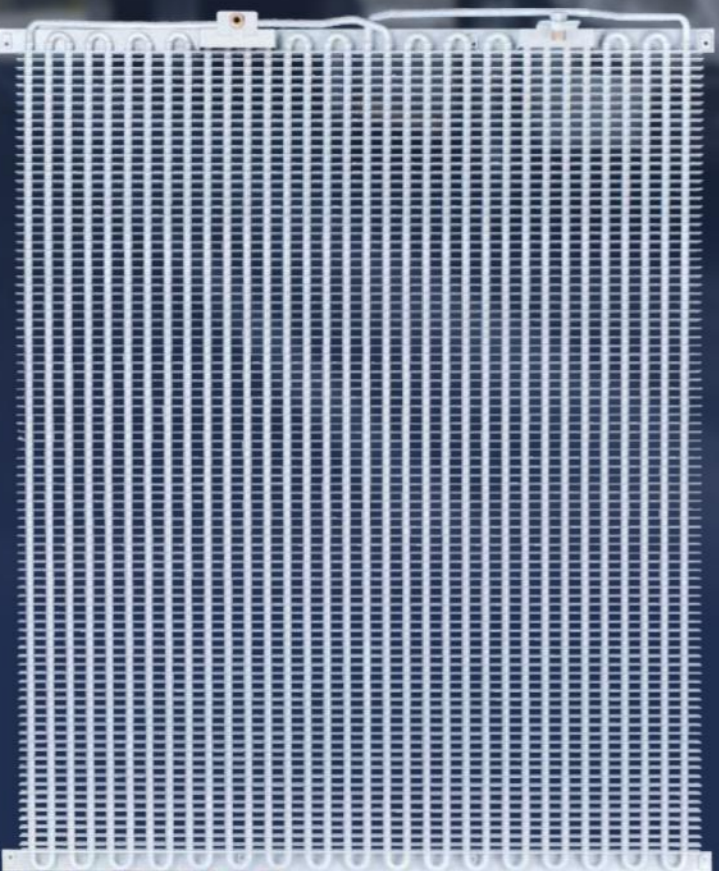


Parking AC Evaporator



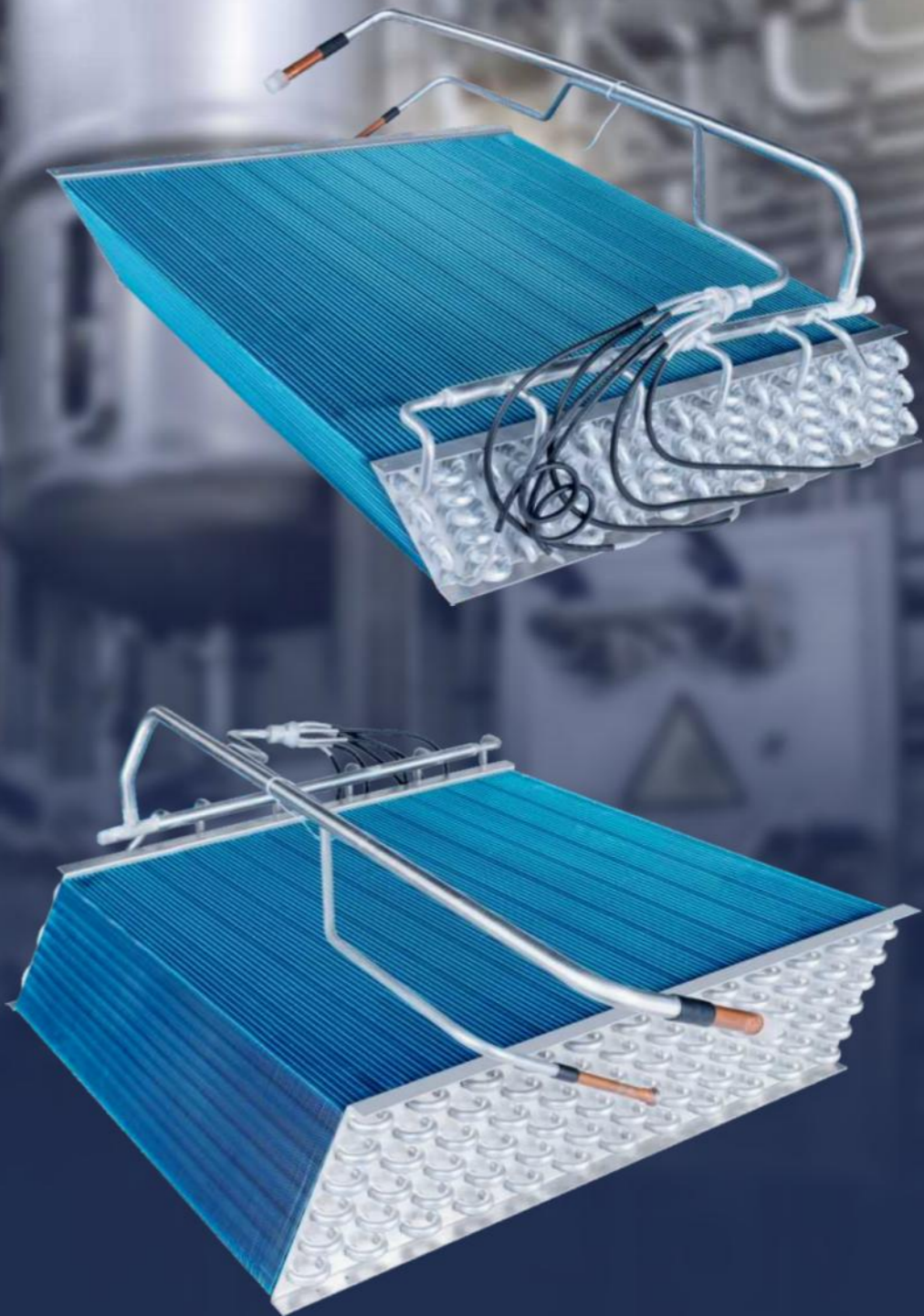


Yijie Refrigeration , Your total refrigeration solution



Heavy-Duty Truck Condenser

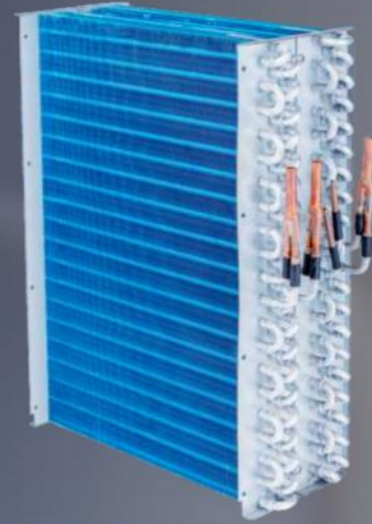
Eco-Friendly Equipment Solutions



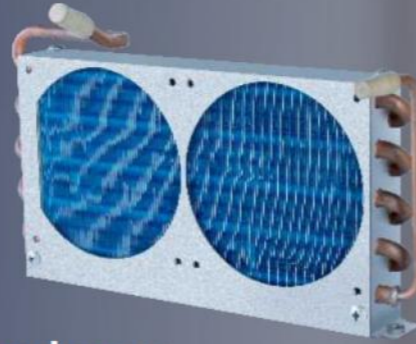
Yijie Refrigeration , Your total refrigeration solution

Household Solutions

Yijie Refrigeration , Your total refrigeration solution



Dehumidifier Heat Exchanger



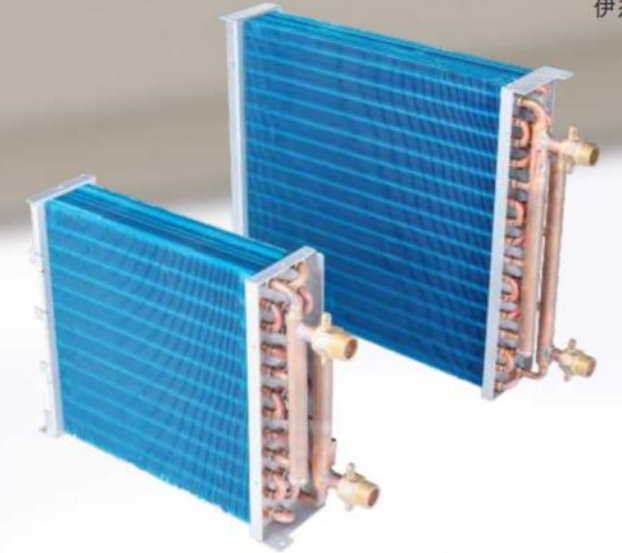
Ice Maker Condenser



Portable Warm Air Exchanger for Floor Carpets



Household Cooling Coil

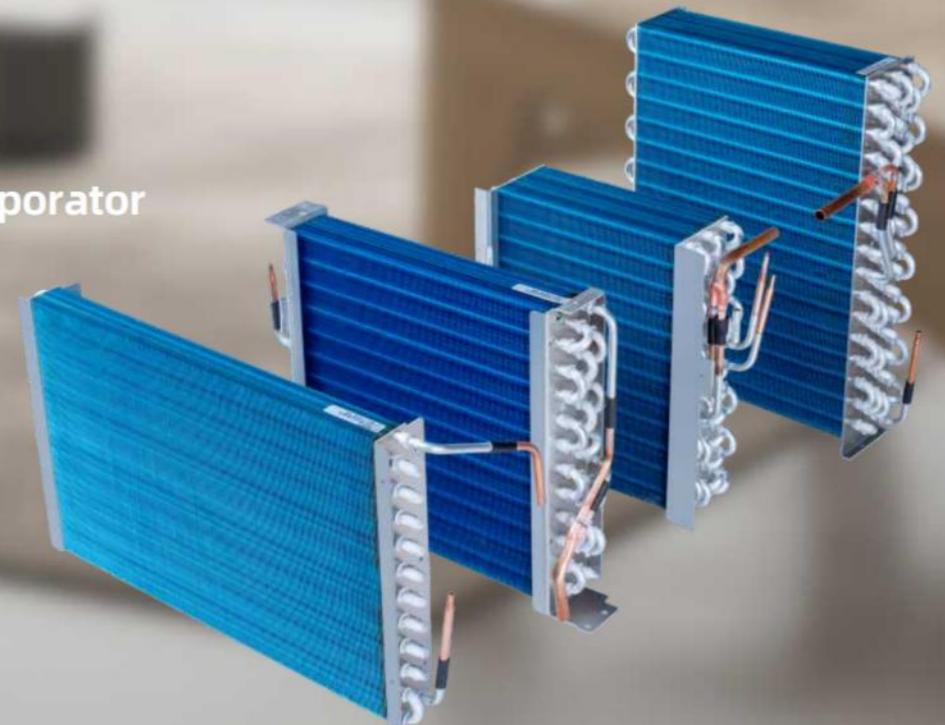


Household Warm Air Unit

Household Water Dispenser Condenser

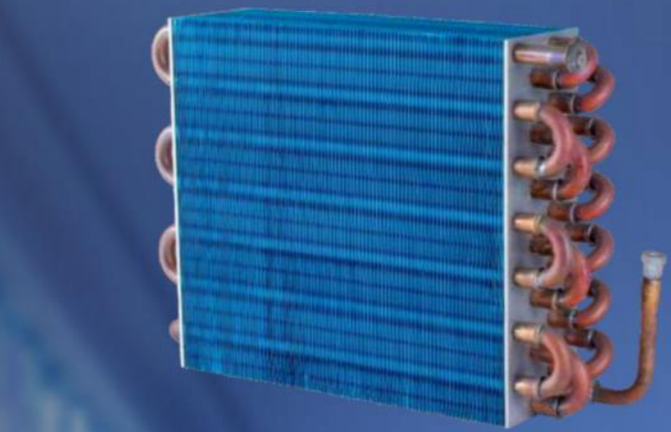


Household Evaporator

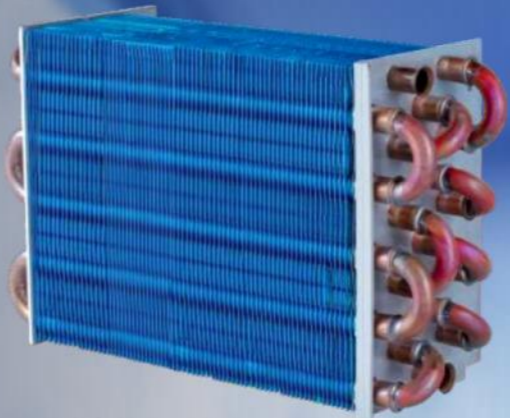


Yijie Refrigeration , Your total refrigeration solution

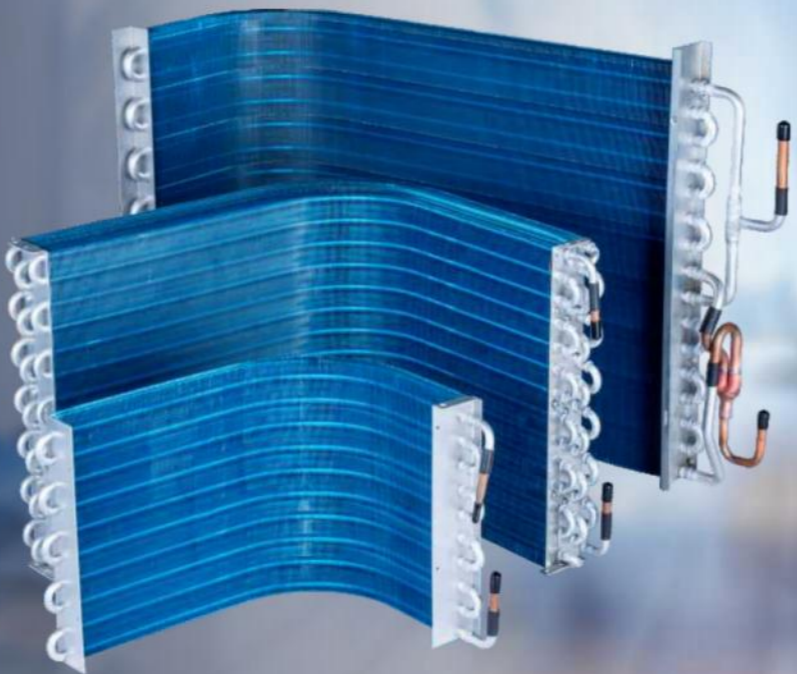
Outdoor AC Solutions



Outdoor AC Evaporator

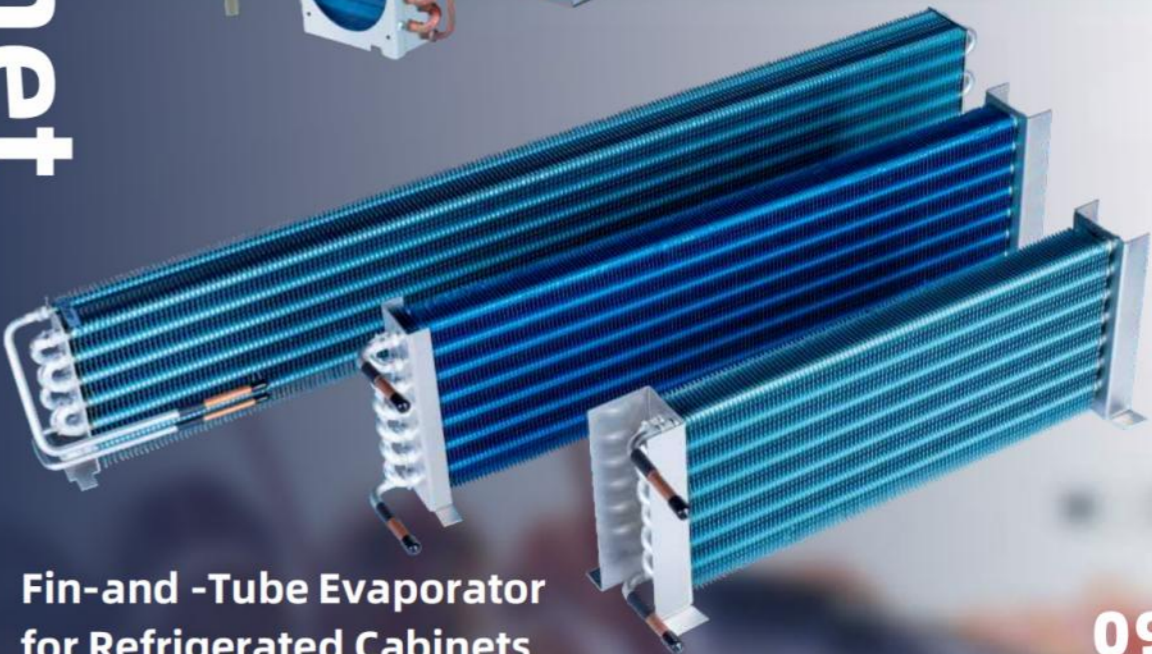
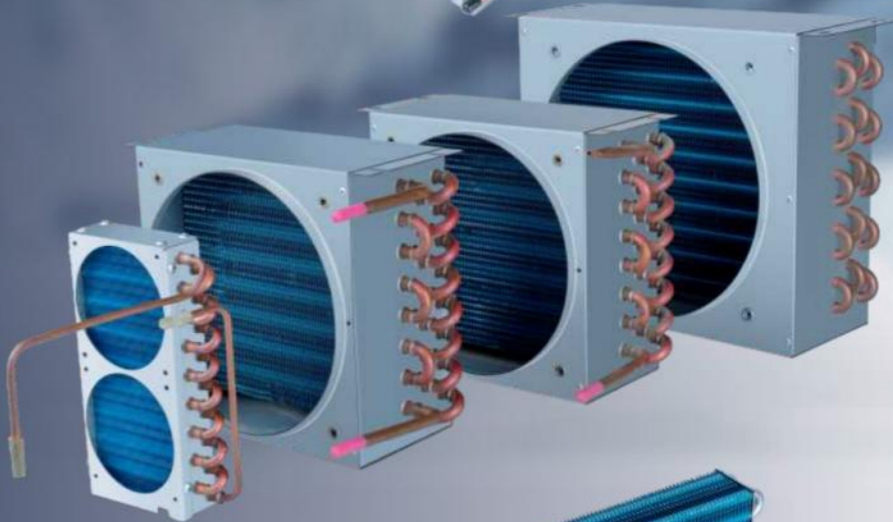


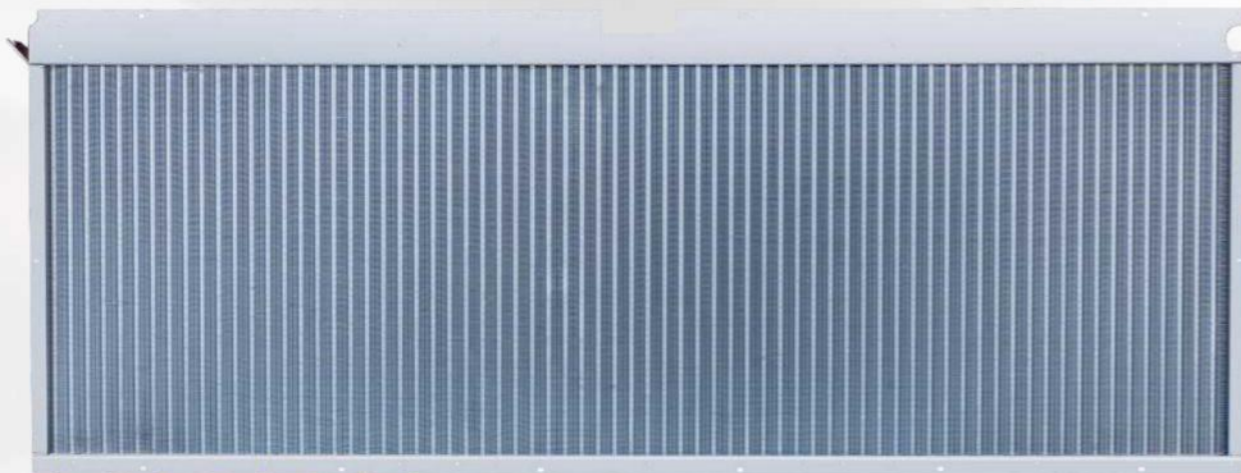
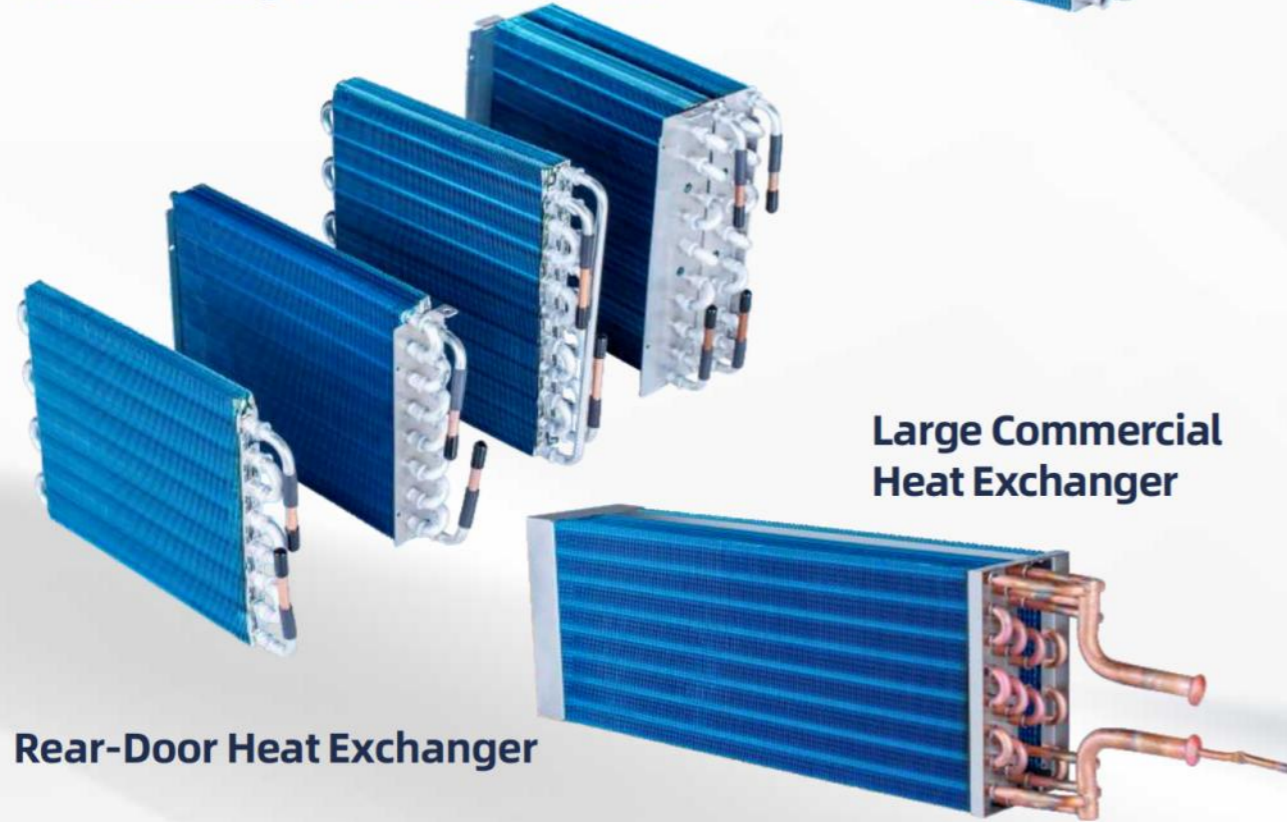
Outdoor AC Condenser



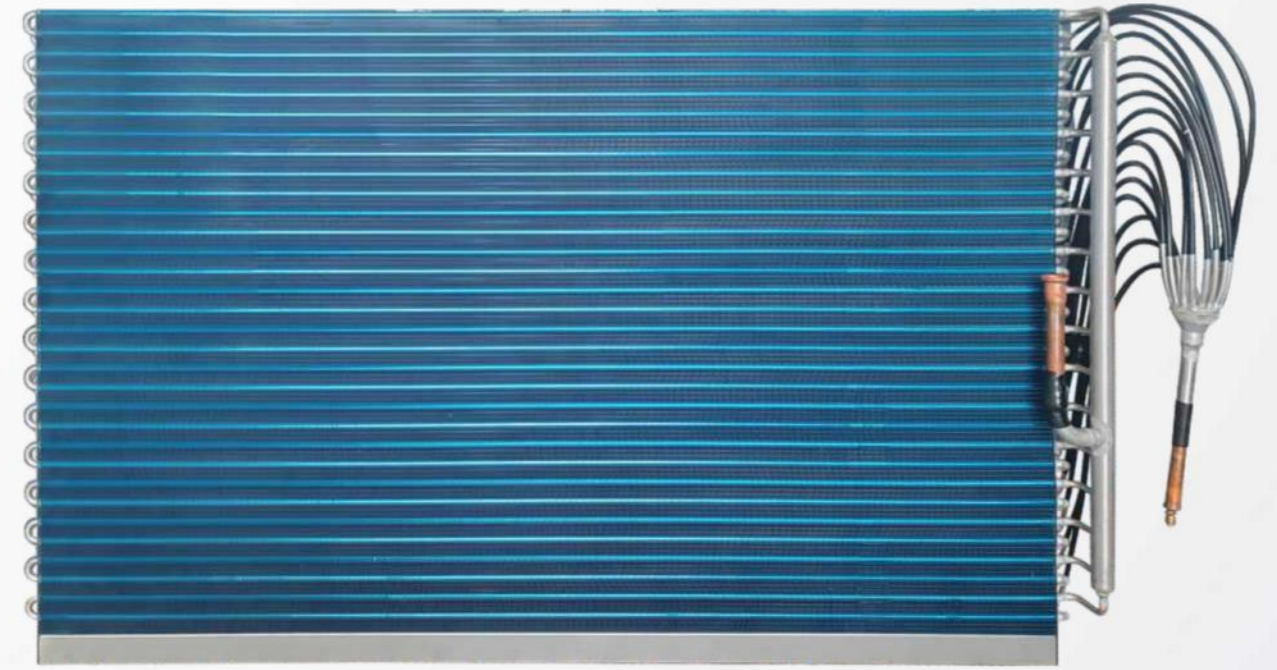
Evaporator for Portable AC

Refrigerated Cabinet Refrigeration Solutions

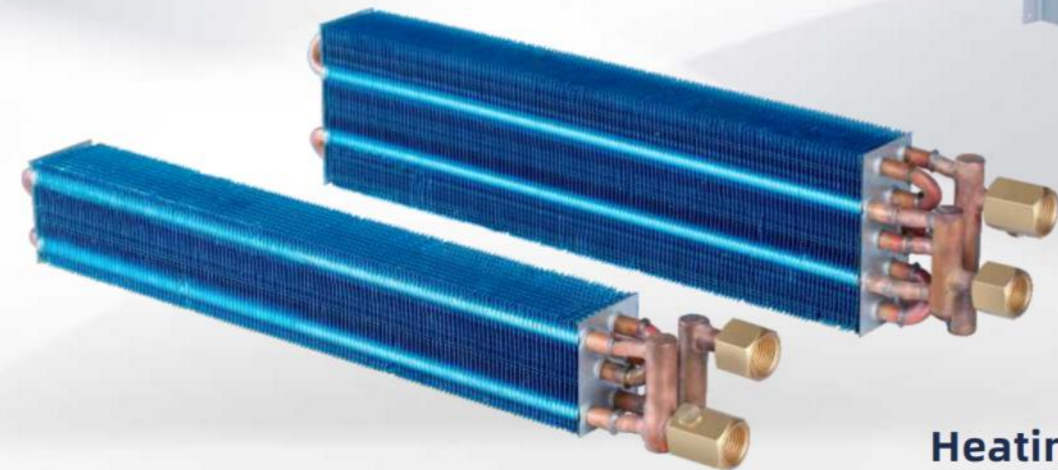




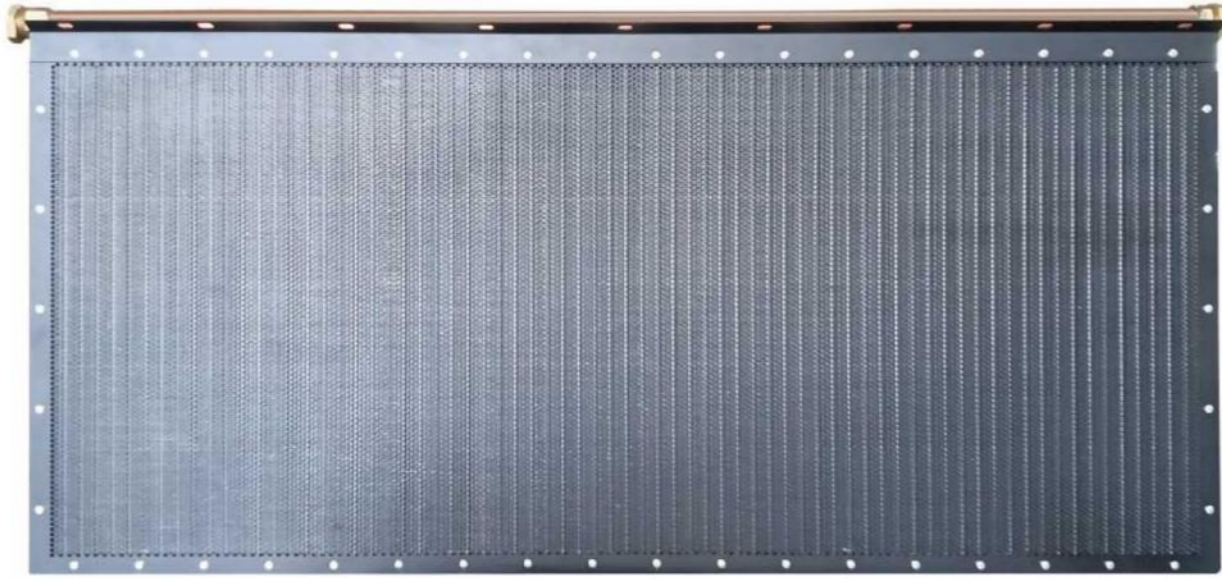
Granary Evaporator Unit



Large Commercial Evaporator



Thermostatic Control Series for High-End Refrigerated Cabinets



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