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Foshan Ever Heat Exchanger Co., Ltd

EVER

-HEAT EXCHANGER-

BRIEF INTRODUCTION

www.everheatexchanger.com



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ABOUT US

Foshan Ever Heat Exchanger Co., Ltd. is a high-tech enterprise dedicated to the R&D, manufacturing, sales, and service of advanced heat exchanger systems. Headquartered in Foshan, China, our 8,000 m² production facility combines cutting-edge technology with over a decade of industry expertise to deliver high-performance thermal solutions tailored to diverse industrial needs.

Deep Industry Knowledge: Our team understands the unique demands of various sectors, enabling us to provide customized, high-efficiency heat exchange solutions.

Comprehensive Product Range: We specialize in:

- Cooling coils
- Stainless steel fin heat exchangers
- Titanium fin heat exchangers (corrosion-resistant)
- Condensers & Evaporators
- Dry coolers
- Custom-designed heat exchangers for specialized applications

Wide Industry Applications: Our products serve critical roles in biopharmaceuticals, clean rooms, data centers, petrochemicals, automotive painting, and more.

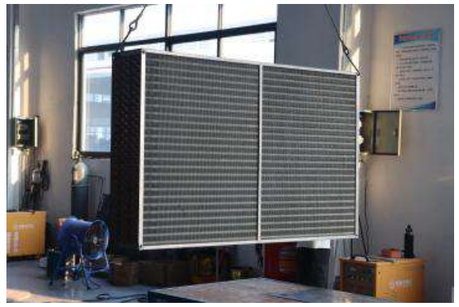
By leveraging advanced manufacturing processes and a customer-centric approach, we ensure reliable, durable, and energy-efficient heat exchange systems.Our mission is to optimize thermal performance for global industries while reducing operational costs and environmental impact.

For tailored solutions that meet your exact requirements, partner with "Foshan Ever Heat Exchanger Co., Ltd." — where innovation meets precision.

02 WORK SHOP











At EVER HEAT, we specialize in designing and

producing reliable and

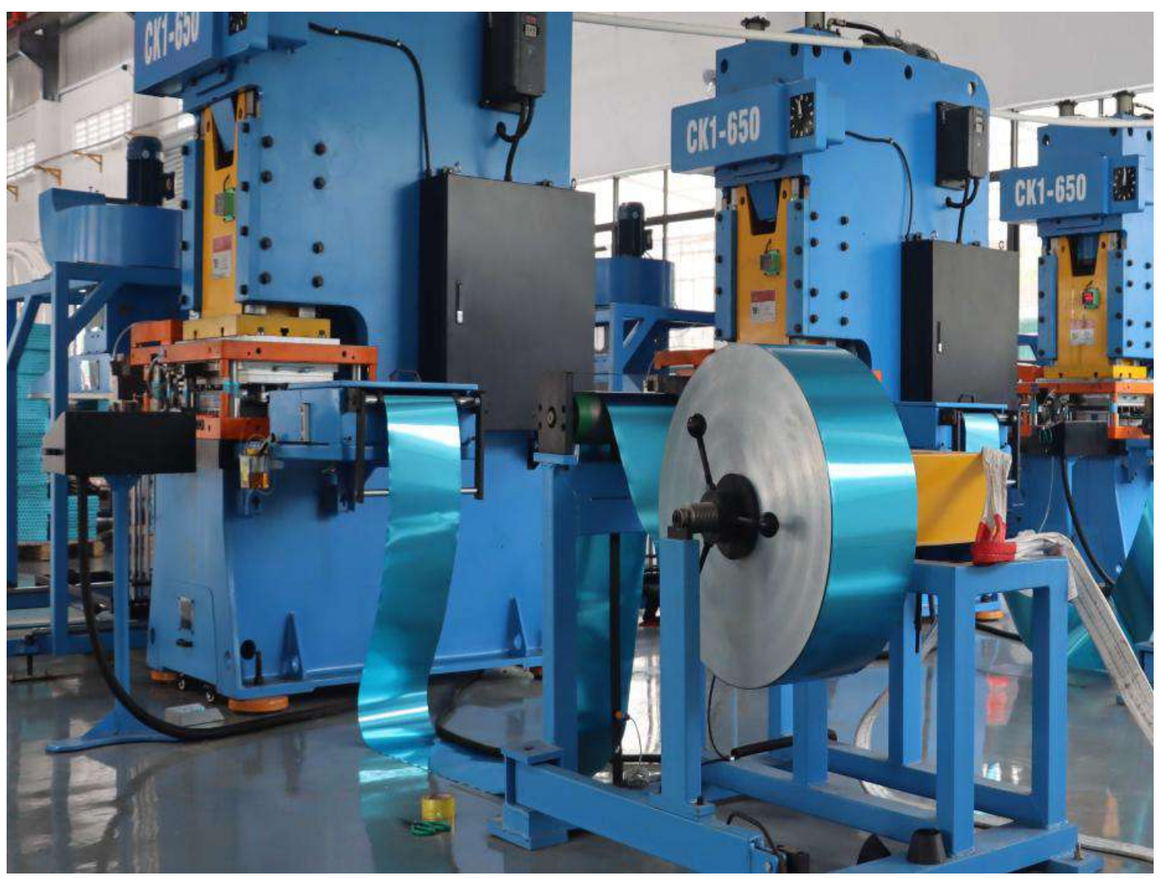
efficient heat exchangers forvarious industries.

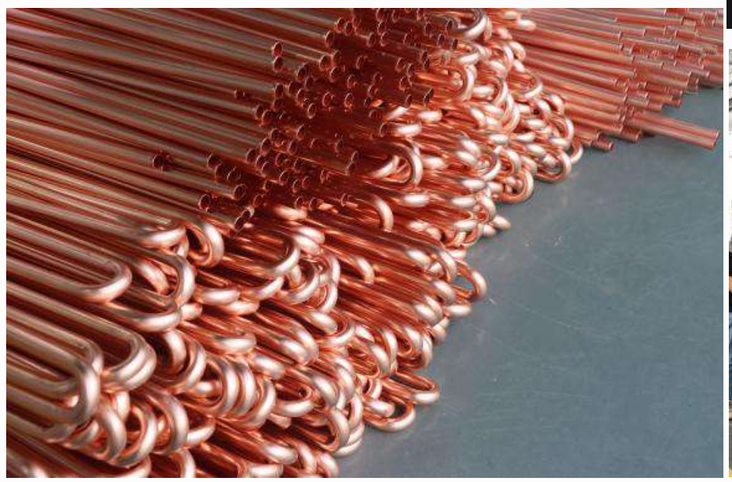
With years of expertise

in both manufacturing and trade,

we deliver cutting-edgesolutions tailored to your needs.







Equipments：







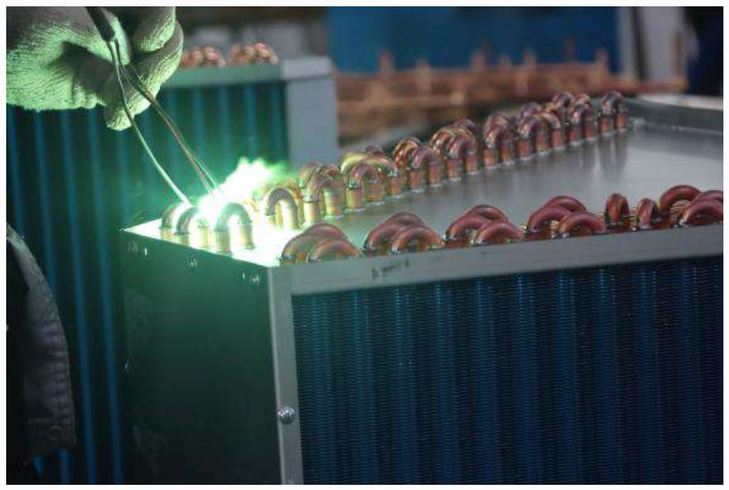
Precision Engineered Heat Transfer Solutions

We specialize in the design and production of high-performance heat exchangers, condensers, air coolers, and evaporators. Our advanced manufacturing process ensures reliable and efficient thermol monogement solutions for industries worldwide.















03 PRODUCTION PROCESS

Production process in details

1. Fins punching: At the beginning of fins punching, the company has developed adetailed operating rules in the punching area. First of all, must use the line crane tomove the material, so as not to damage the surface layer of aluminum foil, and thenover the oil transfer machine, in the process of transfer, we must pay attention to the smoothness of the flap mouth, there can be no cracks, burrs etc. Must use the diacalipers, can not use inaccurate gauge such as steel ruler, this data must be confirmed before formal punching.

2. Tube cutting: The company uses Data tube opening machine for tube cutting, noburr cut off, so that the copper tube inside and outside to keep clean, the tube lengthhas been clearly defined by company, tube actual length + fixed parameters, so as toavoid the length of the copper tube will not be wrong, after tube cutting, the tubes mustbe qualified by the quality inspection department.

3.Tube bending: The company uses man-made slow positioning bender, so thatthe copper tube deformation is beautiful, should not be broken, not wrinkled, so thatthe U-bend life is further lengthened, after bending, the tubes must be qualified by the qualityinspection department.

4. Tube wearing: It uses the man-made wearing, the wearing number of aluminumfins has been calculated by the CNC machine which avoids the fins less or fins more,so that the face area of each aluminum fins can dissipate the heat, after tube wearing,it must be qualified by the qualityinspection department.

5.Tube expanding: it adopts mechanical expansion, since the fins are accurate.with mechanical expansion of the tube to make the copper tubes and aluminum finscontact more closely. After tube expansion, the goods must be qualified by the quality inspection department.

6. Plate assembly: All the plates processing is completed by the company itself.the shearing, punching, folding are selected positioning operation, to avoid human error size.Since the plate is internal processing, could also be customized accordinato clients' non-standard requirements. After plate assembly, the goods must bequalified by the qualityinspection department.

7.Tube cleaning: The company uses the Russian imported copper internalcleaning agent and cleaning machine, this cleaning machine and cleaning agent alsowidely used for other brands like York, Gree, Goya, Dongsheng etc to make the copperpipe to further achieve the cleanliness of compressor. Tube cleaning must be qualifiedDythe qualityinspection department.

8.Tube welding: The company uses semi-manual, semi-automatic way fordouble-qun welding, in order to ensure that the copper tube is clean and oxidation-free, after welding by the natural gas & acetylene after filtration (referred as protectionwelding), the goods must be qualified by the quality inspection department.

9.Pressure test: Charged with nitrogen, each 35kg/kcm, and put into the waterpool for test pressure, this process must be completed by two people, pressure test must be completed by the qualityinspection department.

10.Fins cleaning: Using spray type automatic cleaning and drying machine, afterthis, there must be a comprehensive qualified by the general technical departmentbefore shipment.

Craft Process

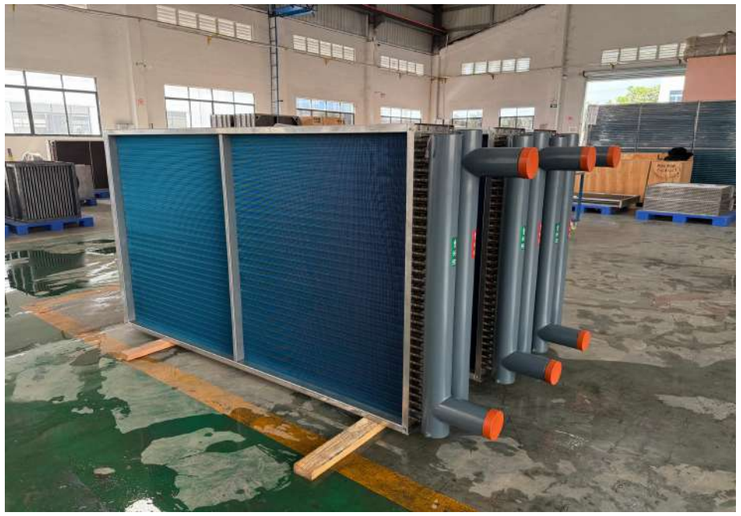


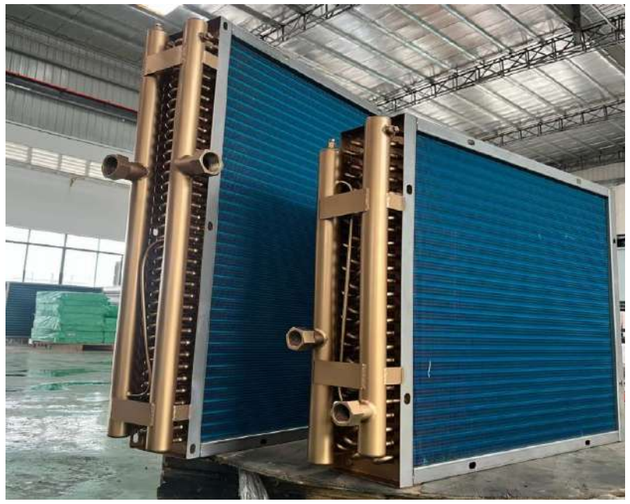
Precess flow diagram

04 PRODUCTION PRESENTATION

AHU Application – Production Orders





Copper Tube & Copper Fin Heat Exchanger

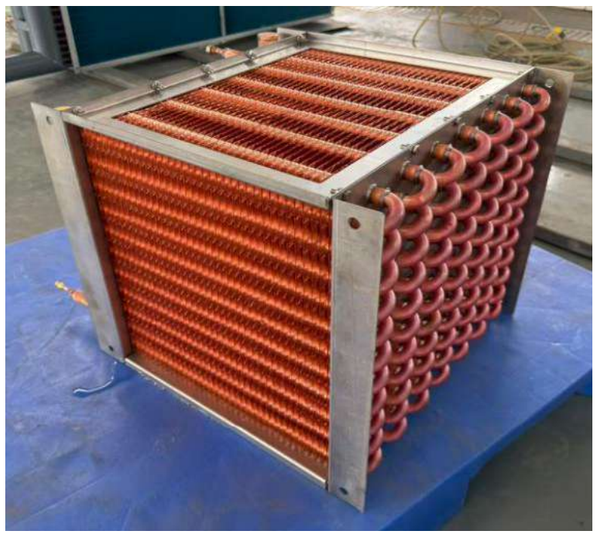






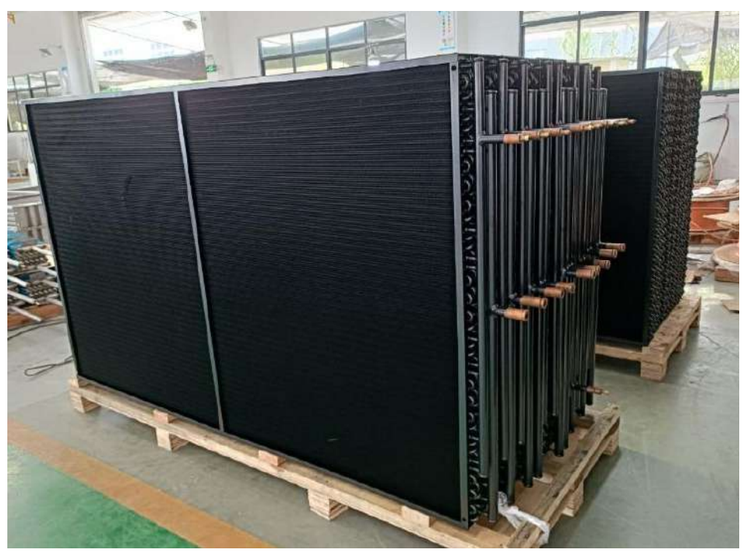








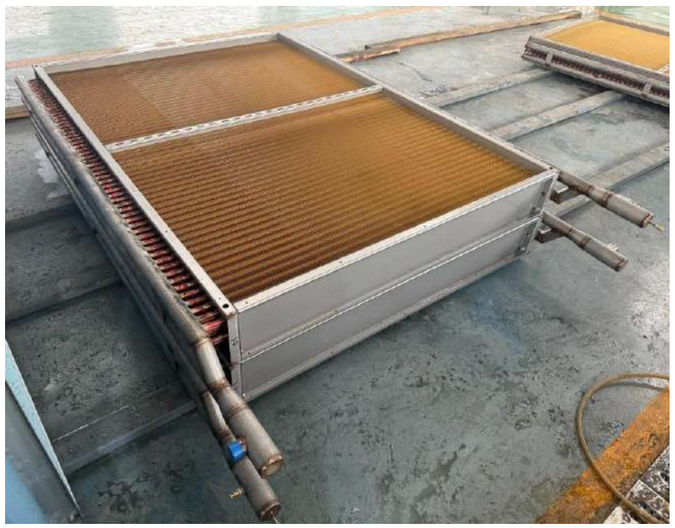
Electrophoretic Coated Finned Tube Heat Exchanger

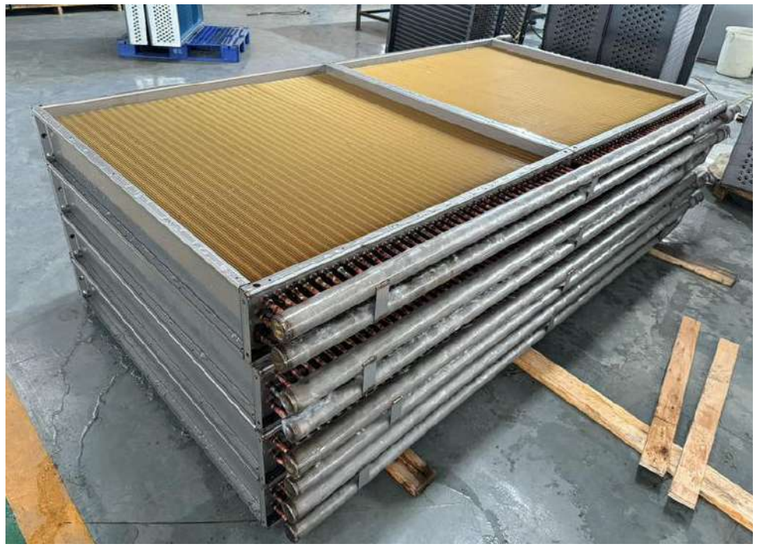
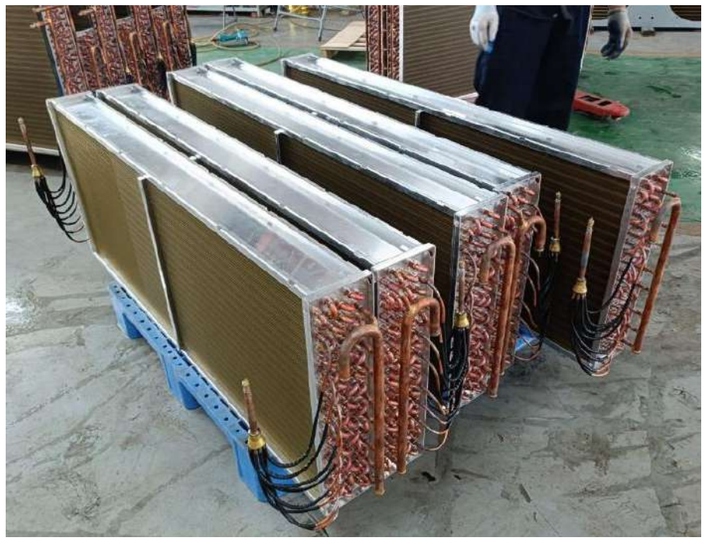






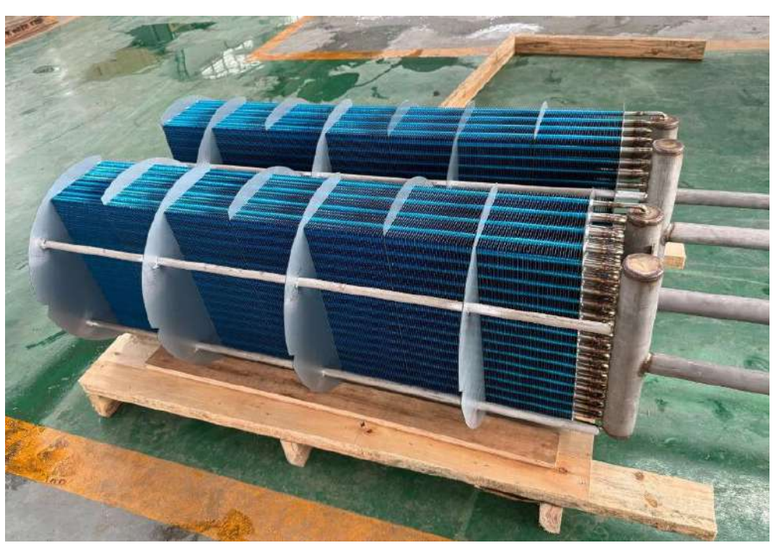
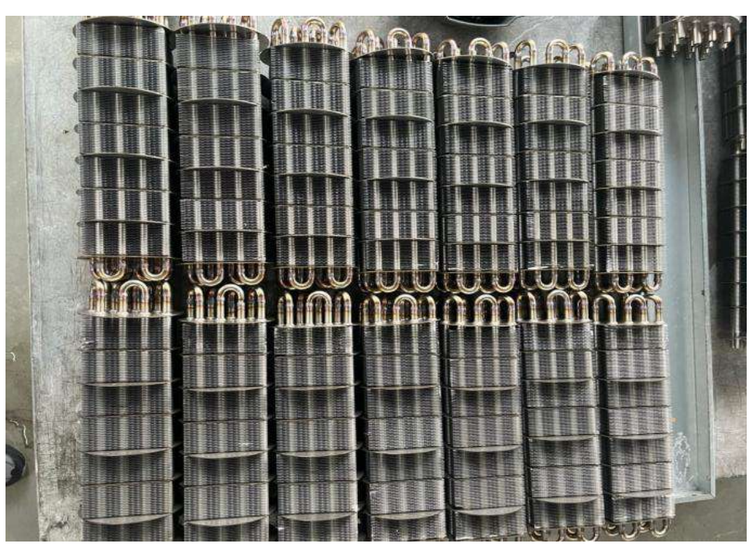
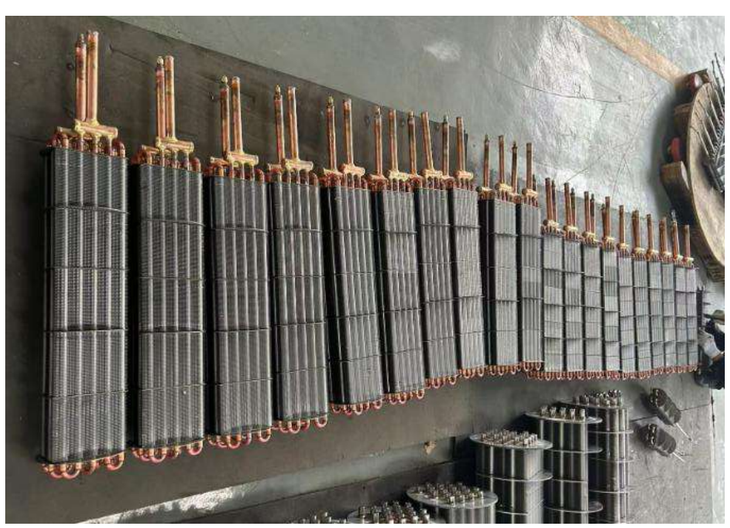

Gold Color & Epoxy Fin Tube Heat Exchanger


EVAPORATOR CORE

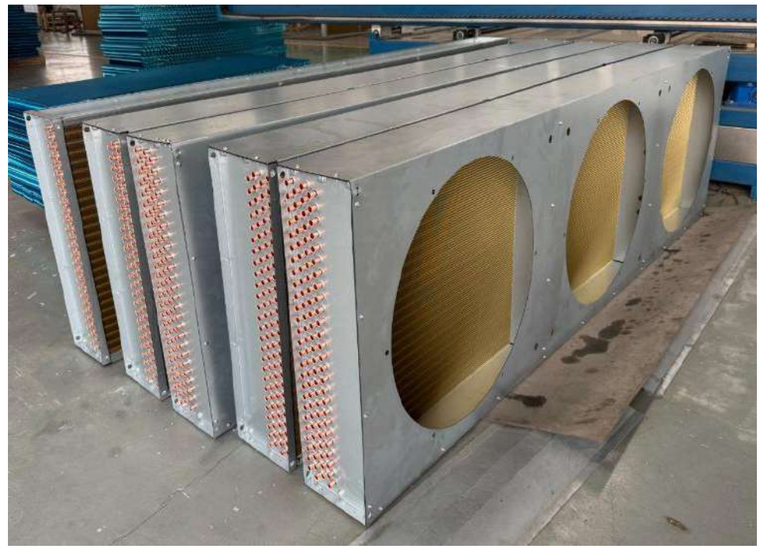


Customized Heat Exchanger





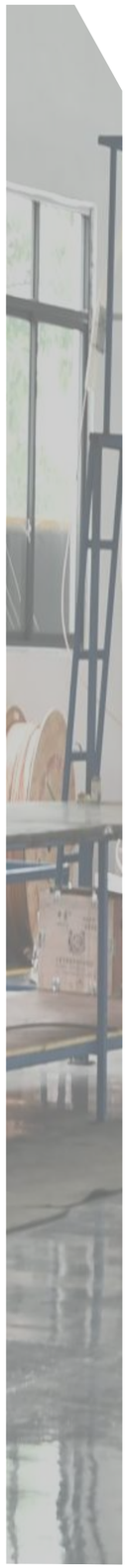










05 APPLICATION AND ADVANTAGE



Widespread Market Application

























Application & Advantage

Foshan Ever Heat Exchanger Co., Ltd offers the integration of a range of extended surfaces to encourage more efficient heat transfer within a heat exchanger.We have developed our own technology, to provide the most effective solution for your needs.We can combine any tube diameter and wall thickness, fin pitch, and a range of materials (e.g. copper-alloys, stainless steel, aluminum, and titanium).

Whether your objective is commercial, cost of ownership, lifetime, reliability, or any of the above, our heat exchangers are custom designed to help achieve it.

When designing a heat exchanger with extended fins, it is crucial to consider the thermal efficiency on both the tube side and the finned side of the unit and endeavour to balance the two.The designer will choose the surfaces carefully to ensure maximum heat transfer within the constraints of the available pressure drop allowed in the process design.

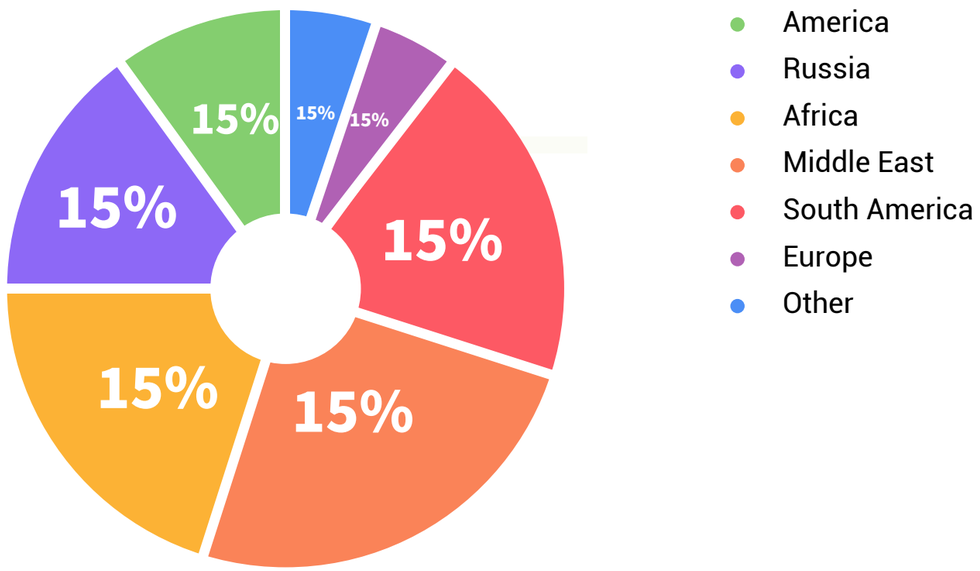
Why choose us

Our engineers would look at the specifics of your application and consider various factors, such as:

* Heat transfer efficiency
* The impact of fluid viscosity under varying operating conditions
* Potential for fouling
* Benefits of finned tubes
* Increased heat transfer coefficient
* By increasing surface area, a fin increases conduction and therefore improves the efficiency of the heat exchanger.

06 OVERSEA MARKET

Export proportion





Under the vision of "Creating High Quality, Serving the World," Foshan Ever Heat Exchanger Co., Ltd. is committed to becoming a global leader in heat exchange technology. Guided by the mission of "Employee Satisfaction, Product Excellence, and Customer Satisfaction," we have built a community of shared interests among the company, employees, and customers. By relying on and respecting our employees, we deliver top-quality products and services to earn customer trust, and through technological leadership and superior performance, we gain recognition from industry peers.

Technological Leadership, Superior Quality

Building on a solid foundation in mechanical manufacturing, the company continuously drives technological innovation to ensure our products.

Customized Services, Meeting Diverse Needs.

With strong R&D and production capabilities, we offer non-standard customized products to meet the unique requirements of different industries.

Global Presence, Serving the World.

With the launch of the EVER HEAT brand, the company has accelerated its international expansion. Our products are exported to regions all around the worlds.

07 VISION AND MISSION

Vision

Become the favorite and preferred heat
exchanger solution provider for customers.
Commiteed to researching and producing high efficiency,
energy saving , low operating costs
and environmental friendly fin heat exchangers.

Mission

While pursuing the materials and spiritual happiness
of all employees,
we also promote Energy Saving and Emission Reduction
for the word, lead the development of the industry ,
and promote the progess of the country and human society.

08 CORE VALUE



CORE VALUE

- Integrity management
- Coexistence and common prosperity
- Thanksgiving dedication

CONTACT US

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