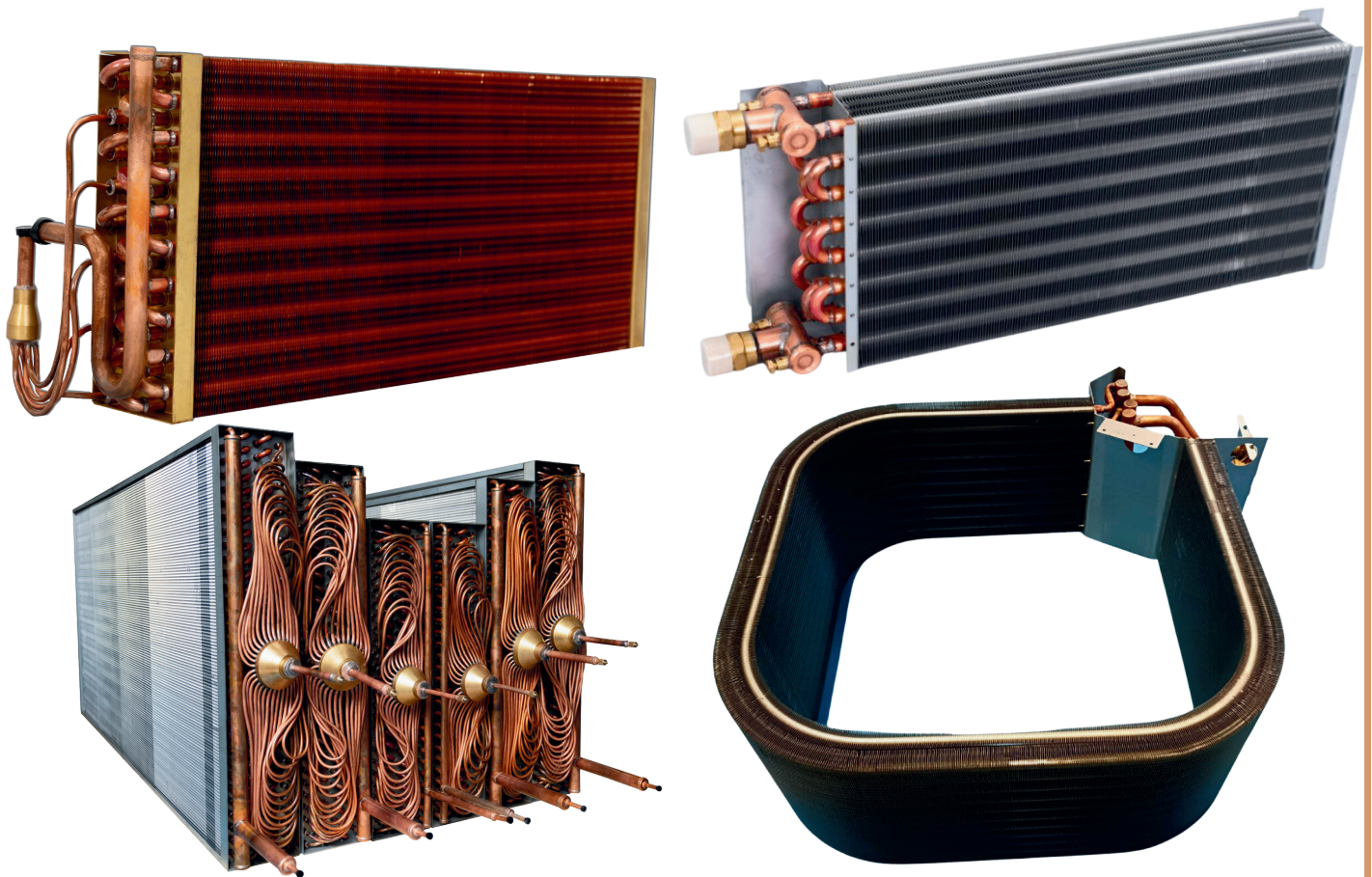




**KRNHEATEXCHANGER &
REFRIGERATION LIMITED**

PRODUCT



CATALOGUE

Seamless Integration, Superior Performance:
India's Finned Tube Heat Exchangers for Global
HVAC&R

www.krnheatexchanger.com

KRN Heat Exchanger at a glance

A leading manufacturer & exporter of fin and tube type condenser and evaporator coils for OEMs in heating, ventilation, air conditioning and refrigeration (HVAC&R) industry.



Expertise in

FIN & Tube Type Heat Exchanger



Net Sales

Over 1 million units annually



Factory Area

Spread across 150,000 Sq. ft



Founded

year 2017 in Neemrana, India

VISION

To pursue and consolidate the position of Leadership through Dedication, Innovation and Passion.

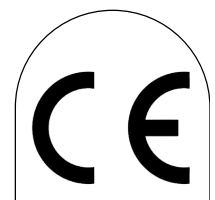
MISSION

Our goal is to maximize value for our clients by delivering cost-effective products and services through seamless integration of people, technology, processes, and business systems.

VALUES

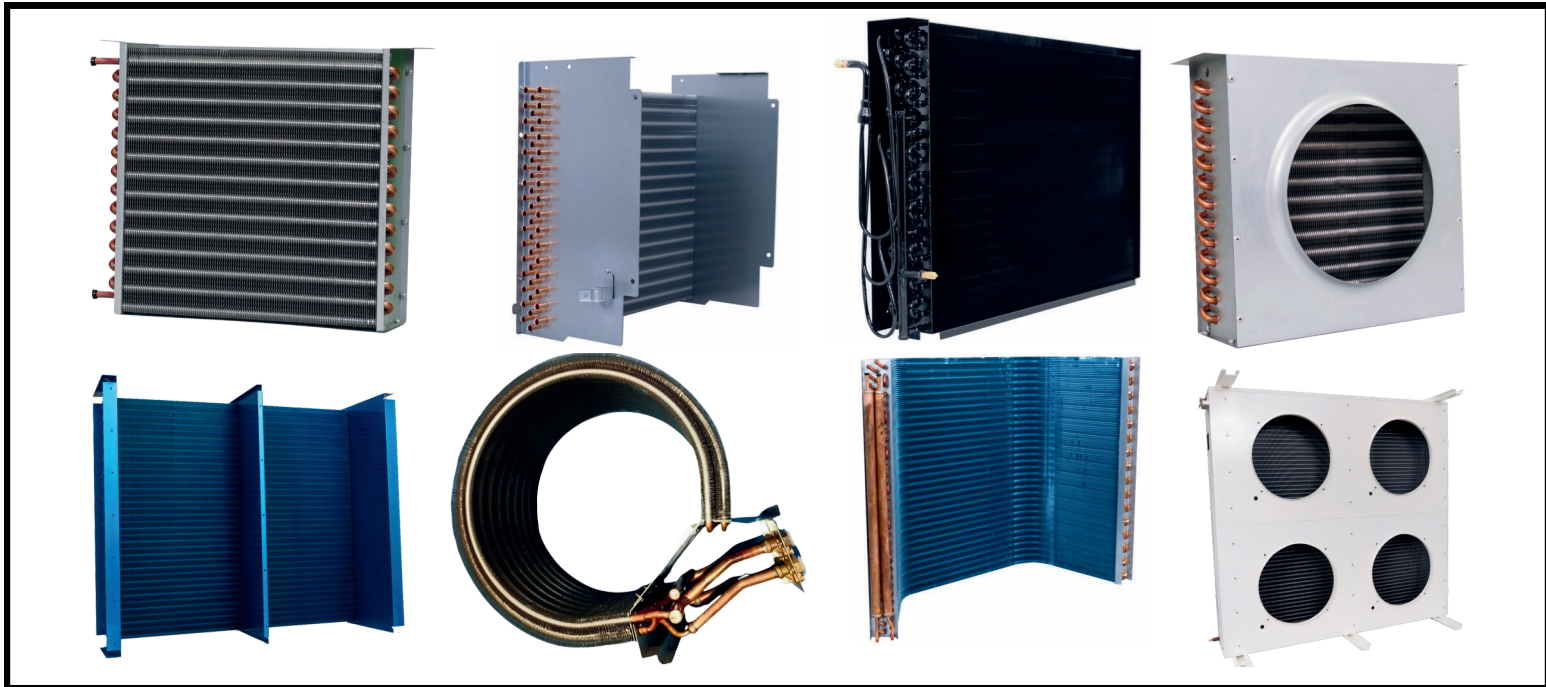
To deliver excellent custom solutions following international standards, continuously improving our products and processes for long-lasting results.

CERTIFICATIONS



Our Products

- Tailored to Your Needs: Experience unparalleled customizability to meet your specific requirements.
- Timely Delivery: Receive your products promptly within 4 weeks (shipping time not included) for efficient project planning.
- Extensive Design Expertise: Benefit from our extensive design acumen backed by over 20 years of industry experience.
- Safety Assurance: Rest easy with UL-approved coils that adhere to rigorous safety standards.



Product Range

Tube OD	5 mm	5 mm	5 mm	7 mm	7 mm	7 mm	9.52 mm	9.52 mm	12.7 mm	12.7 mm	15.88 mm
Tube Pitch	19.05 mm	19.05 mm	14 mm	21 mm	22 mm	25 mm	25.4 mm	25.0 mm	30.0 mm	31.75 mm	38.1mm
Row Pitch	16.5 mm	11.4 mm	10 mm	12.7 mm	19.05 mm	21.65 mm	22 mm	21.65 mm	26.0 mm	27.5 mm	33 mm
Fin Thickness (mm)	0.095~0.25	0.095~0.25	0.095~0.115	0.095~0.25	0.095~0.25	0.095~0.25	0.095~0.30	0.095~0.30	0.095~0.30	0.095~0.30	0.095~0.30
Fin Spacing (mm)	4.23 ~ 1.15	2.31 ~ 1.15	1.34 ~ 1.15	3.63 ~ 1.15	4.23 ~ 1.15	4.23 ~ 1.15	6.35 ~ 1.15	6.35 ~ 1.15	8.47 ~ 1.15	8.47 ~ 1.15	6.35 ~ 1.27
FPI	6 ~ 22	11 ~ 22	19 ~ 22	7 ~ 22	6 ~ 22	6 ~ 22	4 ~ 22	4 ~ 22	3 ~ 22	3 ~ 22	4 ~ 20
Expansion Length (mm)	150 ~ 8000	150 ~ 4000	300 ~ 2500	150 ~ 2500	150 ~ 2500	150 ~ 12000	150 ~ 12000	150 ~ 12000	150 ~ 12000	150 ~ 12000	150 ~ 12000
Fin Type	Plain, Louver, V-Waffle	Plain, Louver, V-Waffle	Plain, Slit	Plain, Louver, V-Waffle	Plain, Louver, V-Waffle	Plain, Louver, V-Waffle	Plain, Louver, Sine Wave	Plain, Louver, V-Waffle	Plain, Louver, Sine Wave	Plain, Louver, Sine Wave	Plain, Sine Wave
Casing / Sheet Metal	GI, Al, Cu, Brass and SS										
Fin Material	Al and Copper										
Anticorrosion Coating	Coating Types : Powder, Heresite, Nano, CED, Tin or as per customer requirement										

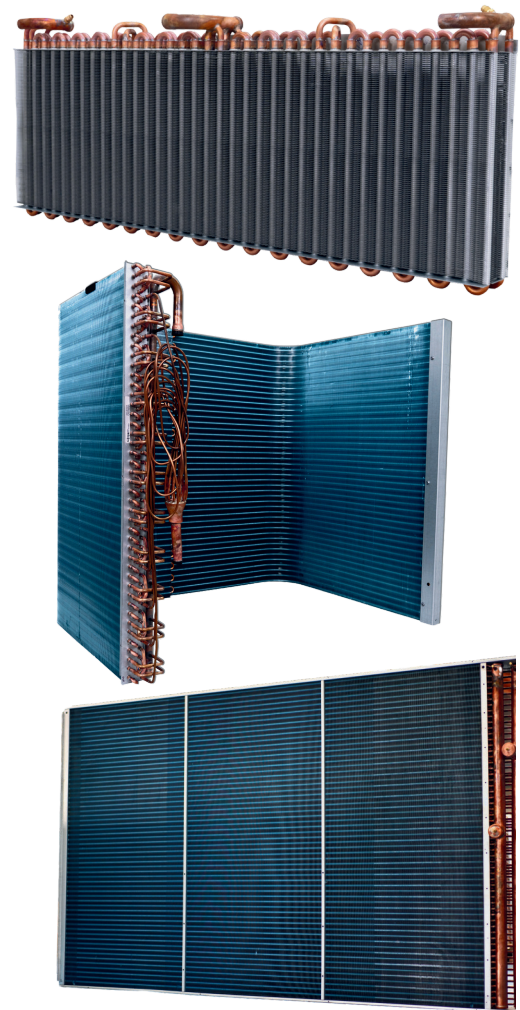
Condenser Coils

- We offer condensers in three designs: end plates only, frames, and casings. Casings are available in galvanized steel, aluminum, or stainless steel. Special applications include brass and copper end plates and frames. Customizable colors for coils are available on request. We also manufacture bent coils for compact condensing units and chillers, and our condensers can be equipped with a subcooling circuit and additional valves on headers.



Evaporator Coils

- KRN offers a diverse range of evaporator coils with finspaces ranging from 1.15 to 8.5 mm, enhanced by a hydrophilic pre-coating on the fins. Our air evaporators are equipped with multiple cooling circuits, balanced for equal refrigerant distribution. For industrial and transport applications, we offer the option to combine two evaporators into a single block. Defrosting options include electrical heaters or a specialized hot gas circuit. We also manufacture bent coils with end plates, catering to both domestic and commercial needs.



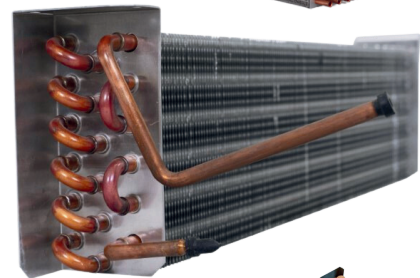
Condensing & Air Cooling Units

- We can custom manufacture condensing and cooling units of various sizes and designs, using high-grade, and high-quality materials for superior strength. Our units offer customizable refrigerant capacity, application temperatures, and space-saving designs with excellent resistance to impact and corrosion.



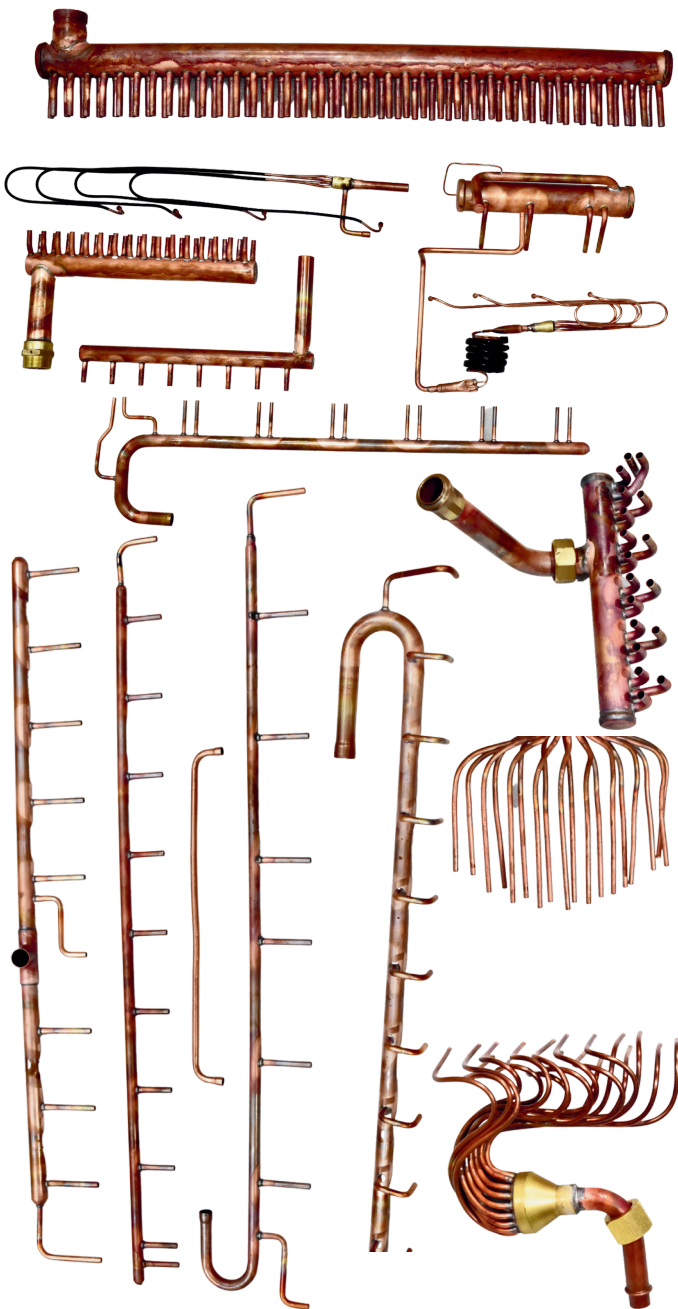
Fluid & Steam Coils

- Our fluid coils feature smooth copper tubes of varying thicknesses and fins with an anti-corrosive coating. Cooling coils come with a hydrophilic coating. Cassette ceiling fan coils customized with bent coils, including L-coils, C & G type coils, O-coils, and other special forms. Headers in fluid coils can be fitted with different connecting options and additional valves. Steam coils are designed with thicker materials to handle high temperatures, pressure, and chemicals, and allow for easy removal of condensate.



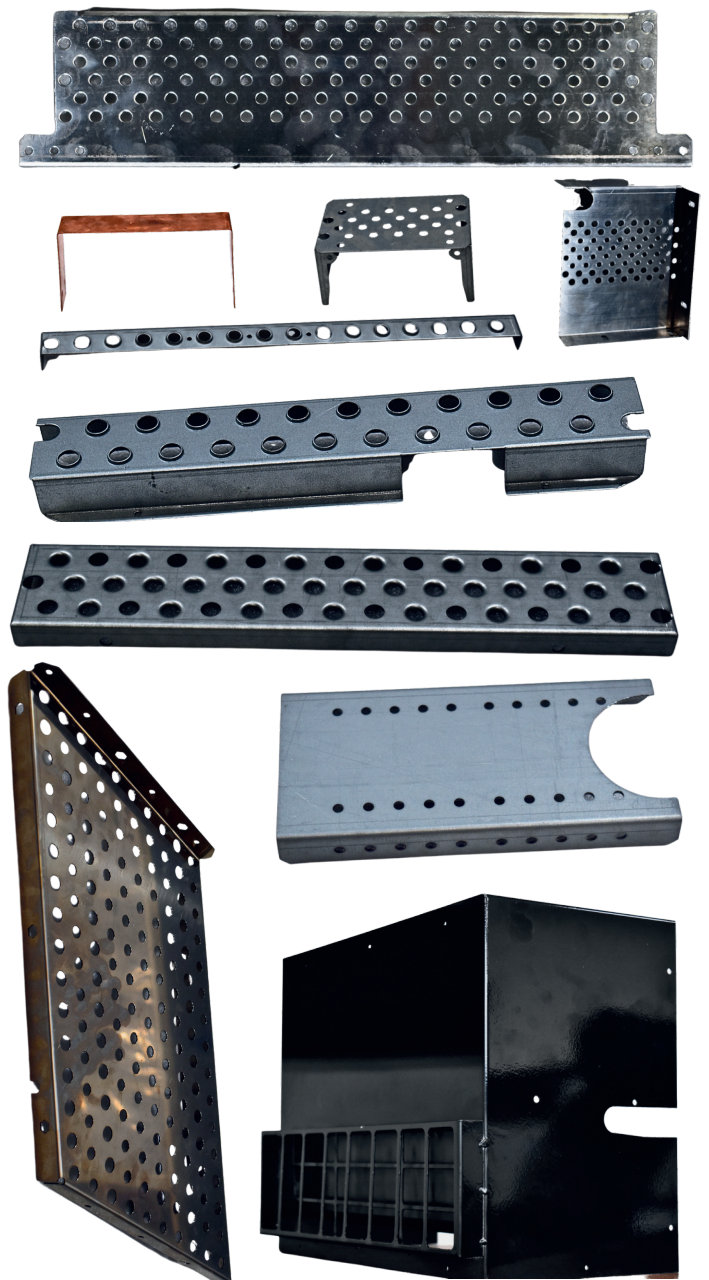
Headers (Manifolds)

- Custom manufacturing of copper headers in various shapes and sizes to match specific coil designs and applications, catering to both in-house use and clients' specific needs. Also, Copper and mild steel (MS) materials are used based on the client's needs.

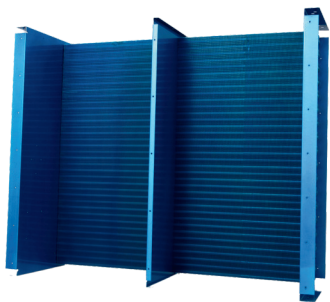


Sheet Metal Parts

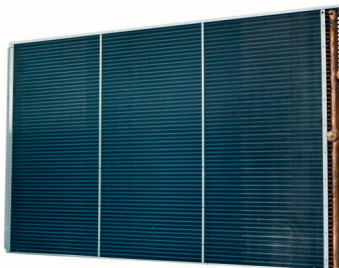
- KRN specializes in custom-designed sheet metal components, including end plates for in-house coil assembly. We also offer tailor-made parts crafted from high-quality raw materials for companies involved in the in-house coil assembly. We customize sheet metals to fit your design specifications precisely, ensuring optimal functionality and performance.



Coatings



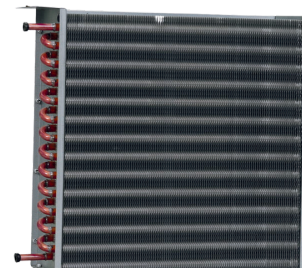
Nano Coating



Pre Coated Blue



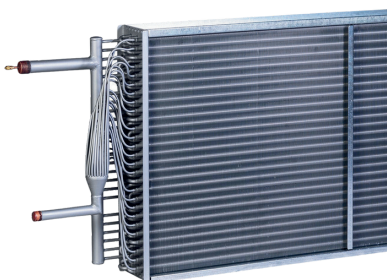
CED Coating



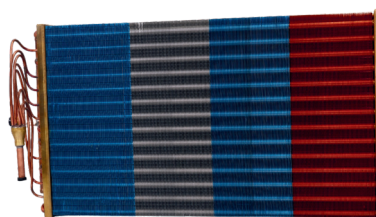
TIN Coating



Herresite Coating



Bly Gold Coating



Sample Coatings



Powder Coating

Testing



Helium leak Testing Machine



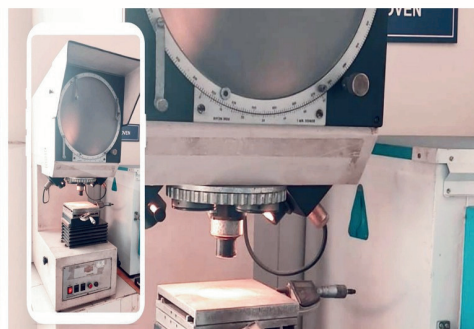
Contamination Testing



Universal testing machine



Profile Test



Profile Projector



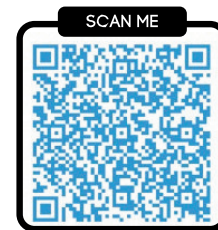
Salt Spray Test

Our Customers



For More Information Contact Us..

Managing Director
santoshyadav@krnheatexchanger.com
+91 7023697974



Sales Office:

EUROPE : Galina Harokova | INDIA : Komal Yadav
galina.harokova@krnheatexchanger.com komal@krnheatexchanger.com
+420 731 586 625 +91 8619207672



www.krnheatexchanger.com



[linkedin.com/company/krn-heat-exchanger-refrigeration-limited](https://www.linkedin.com/company/krn-heat-exchanger-refrigeration-limited)



KRN Heat Exchanger and Refrigeration Pvt. Ltd. F-46 to 49,
E.P.I.P. RIICO Industrial Area, Neemrana, Rajasthan, India - 301705