



EXCELLENCE — IN HEAT TRANSFER SOLUTIONS



PRIJAI HEAT EXCHANGERS PVT. LTD.

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Distinction in delivering Heat Transfer Solutions

Incorporated in 1993 in Thane, Maharashtra, PRIJAI HEAT EXCHANGERS PVT LTD is an ISO 9001:2008 certified company with an average turnover of over Rs. 45 crore for the year 2008-2009. We are known for manufacturing finest quality coils, system tubing and copper fitting.

Today, the company has manufacturing facilities in Thane, Dadara and MIDC Industrial Area (Rabale). All of our units have state of the art technology to attain best quality products that in turn bring maximum efficiency.

We hold a long-standing reputation for engineering excellence and product quality, and a strong commitment to customer service. We deliver cost-effective, durable and thermal efficient solutions.

Materials used in our products are high in

quality and are mill certified to meet ASTM/ASME standards.

Years of experience in developing techniques for a variety of coil configurations have helped us achieve the required proficiency in order to build conventional as well as complex products.

Our engineers always strive to develop new designs and methods in heat transfer technologies that enhance our products' performance and durability.

The company believes in investing substantially in manpower, which we consider as one of our most valuable assets.

Today, Prijai Team comprises of technocrat team, striving collectively towards achieving a common goal of taking our company to greater heights.

The rapid rate of technological advancement has opened doors for opportunities as well as challenges.

The skill to innovate and the ability to find your feet with the latest technologies are going to be the challenges of this century. But along with innovation, it is important to have responsible penchant for delivering quality and good service.

At PRIJAI HEAT EXCHANGERS PVT LTD, we are a team devoted to quality and reliability. Over the years, during our long affiliation with numerous clients, across the globe, we have earned a fair share of goodwill in terms of Quality and Trust. We value our customers and believe that the quality of our service is as significant as quality of our products.

Our philosophy of personalised and timely service has ensured our success as an industry leader, over past 10 years. We have been the principal supplier to almost all Original Equipment Manufacturers in the commercial and the domestic air conditioning industry.

We sincerely thank our customers for bestowing their immense faith and support.

I am confident that the commitment of our highly skilled personnel will help us achieve greater heights in the years to come.

“We are a team devoted to quality & reliability.”





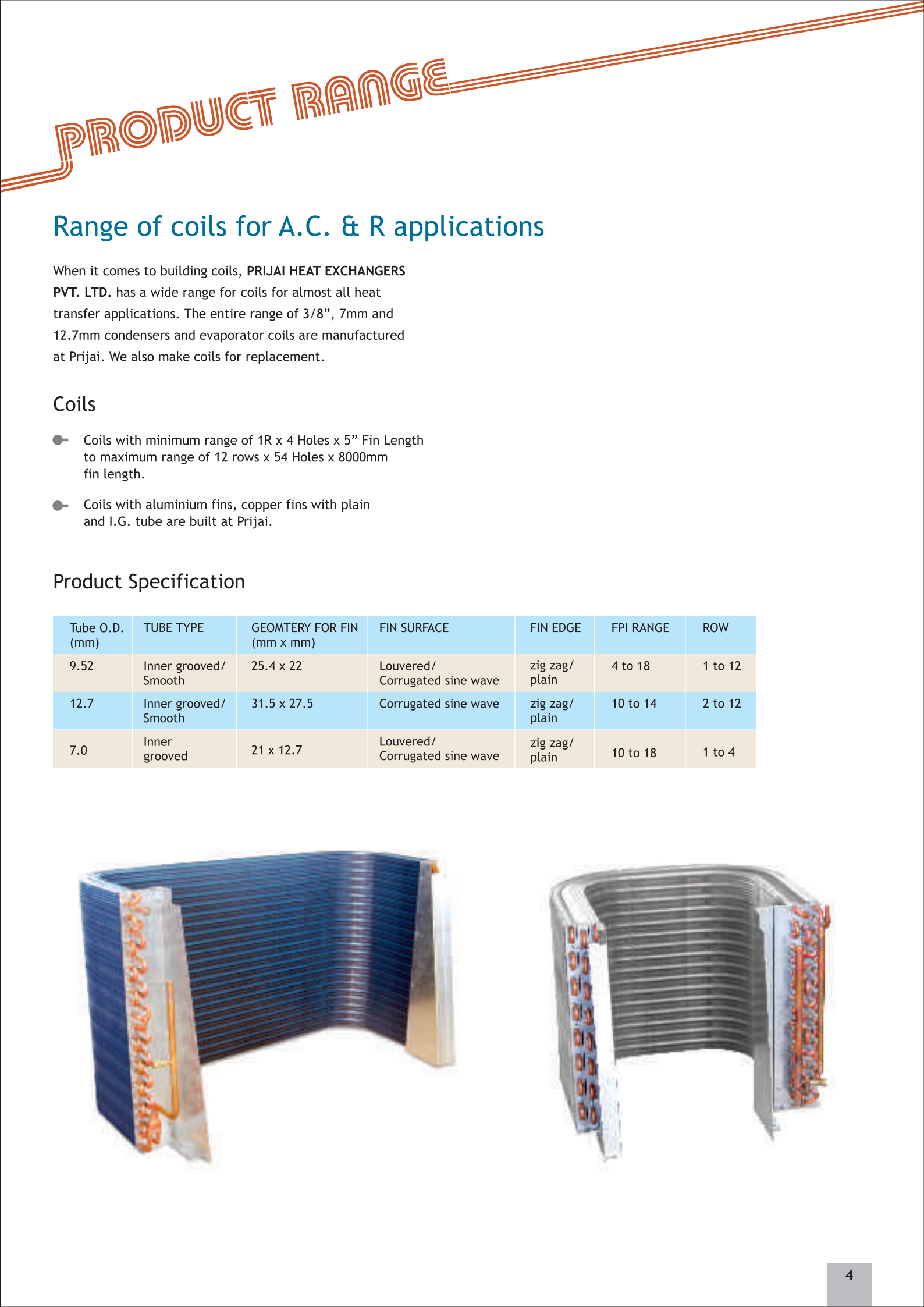
mission & vision

The corporate mission of **PRIJAI HEAT EXCHANGERS PVT. LTD.** is to provide customers in the HVAC, Commercial and Domestic markets with high quality heat transfer products, which consistently exceed their expectations.

We are devoted to our customers and follow service orientated ethics to achieve technically, environmentally responsible, buildable and innovative heat transfer solutions.

We believe in sustaining quality at all the stages.

We aim to deliver new technical solutions and more efficient applications, based on extensive research and trials.



PRODUCT RANGE

Range of coils for A.C. & R applications

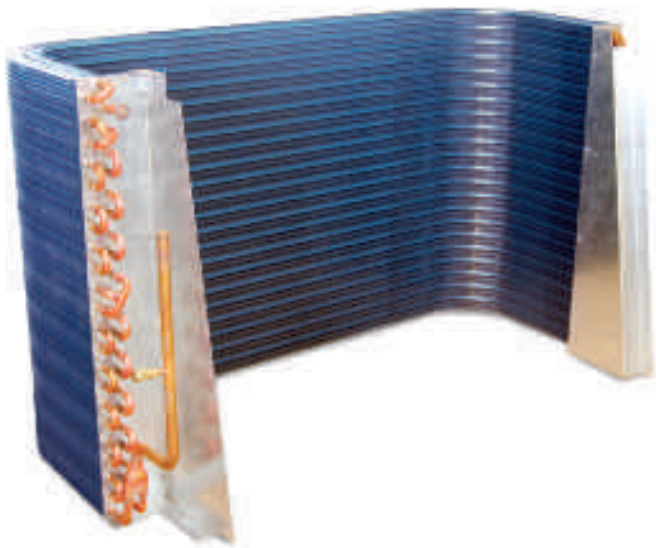
When it comes to building coils, **PRIJAI HEAT EXCHANGERS PVT. LTD.** has a wide range for coils for almost all heat transfer applications. The entire range of 3/8", 7mm and 12.7mm condensers and evaporator coils are manufactured at Prijai. We also make coils for replacement.

Coils

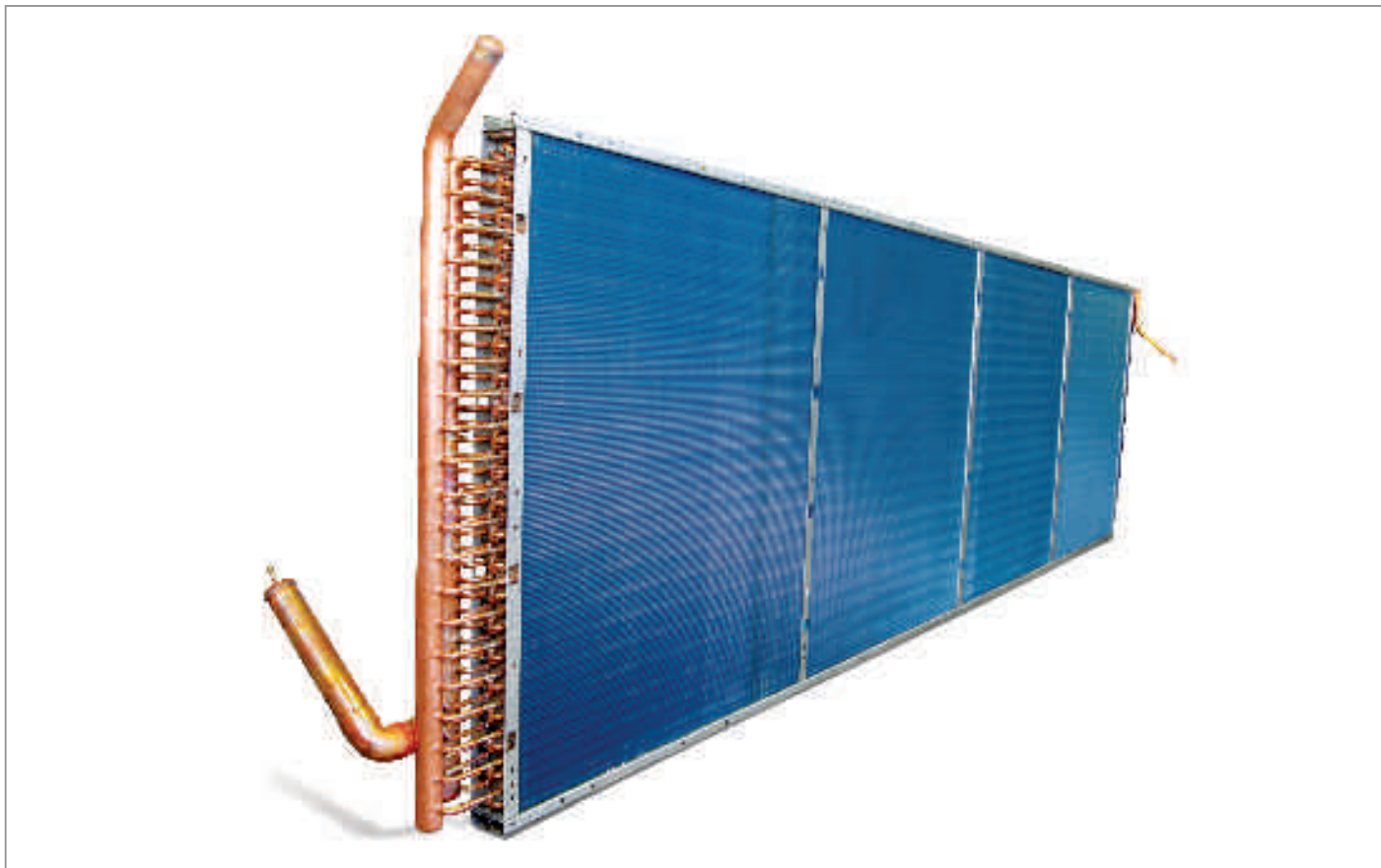
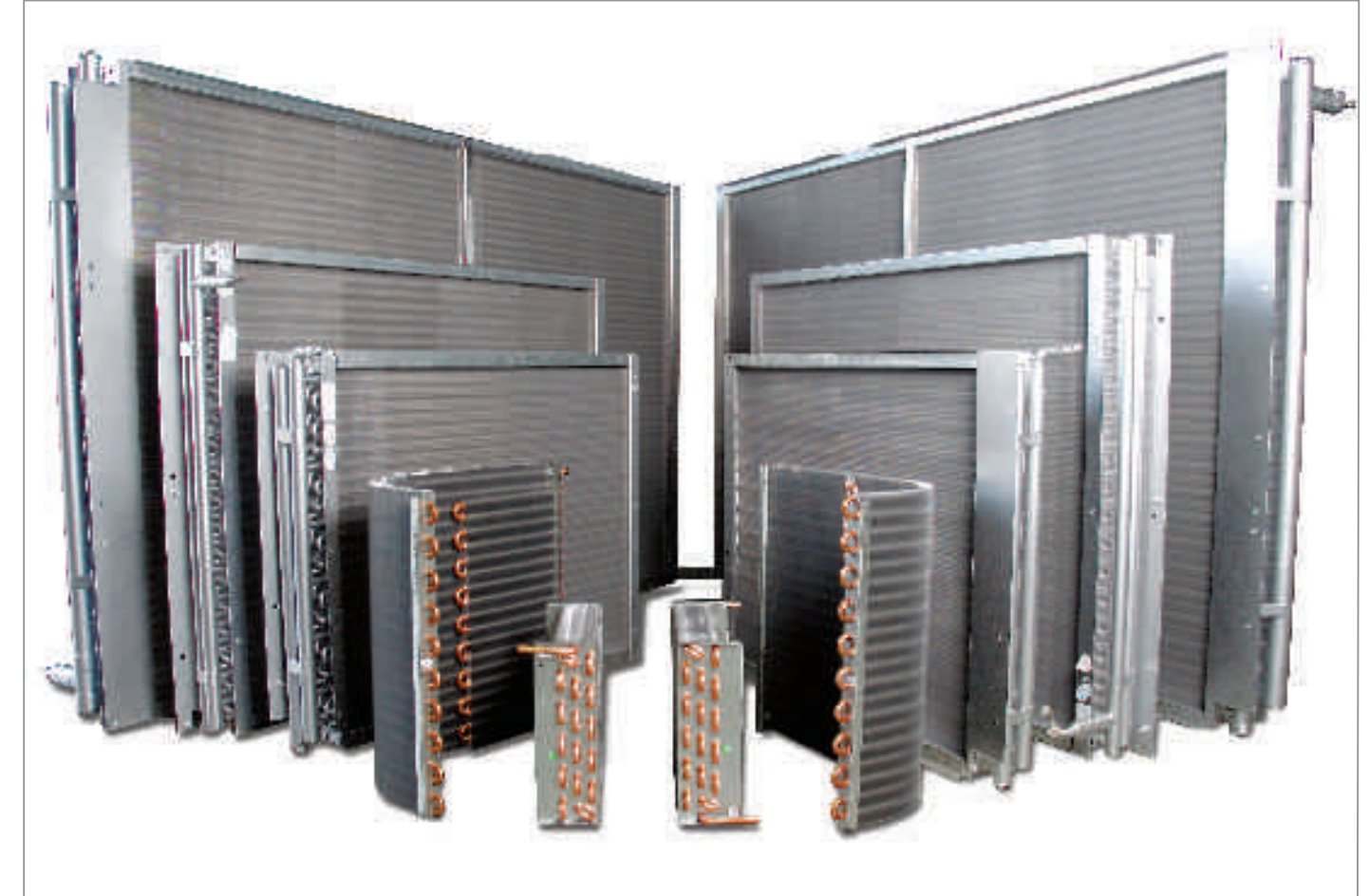
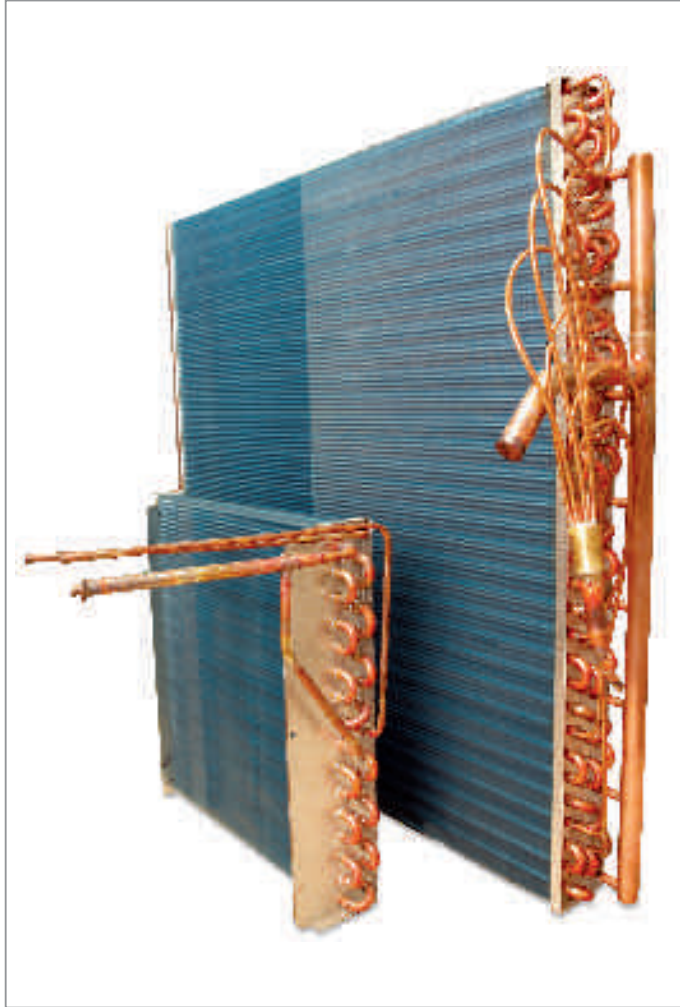
- Coils with minimum range of 1R x 4 Holes x 5" Fin Length to maximum range of 12 rows x 54 Holes x 8000mm fin length.
- Coils with aluminium fins, copper fins with plain and I.G. tube are built at Prijai.

Product Specification

Tube O.D. (mm)	TUBE TYPE	GEOMTERY FOR FIN (mm x mm)	FIN SURFACE	FIN EDGE	FPI RANGE	ROW
9.52	Inner grooved/ Smooth	25.4 x 22	Louvered/ Corrugated sine wave	zig zag/ plain	4 to 18	1 to 12
12.7	Inner grooved/ Smooth	31.5 x 27.5	Corrugated sine wave	zig zag/ plain	10 to 14	2 to 12
7.0	Inner grooved	21 x 12.7	Louvered/ Corrugated sine wave	zig zag/ plain	10 to 18	1 to 4



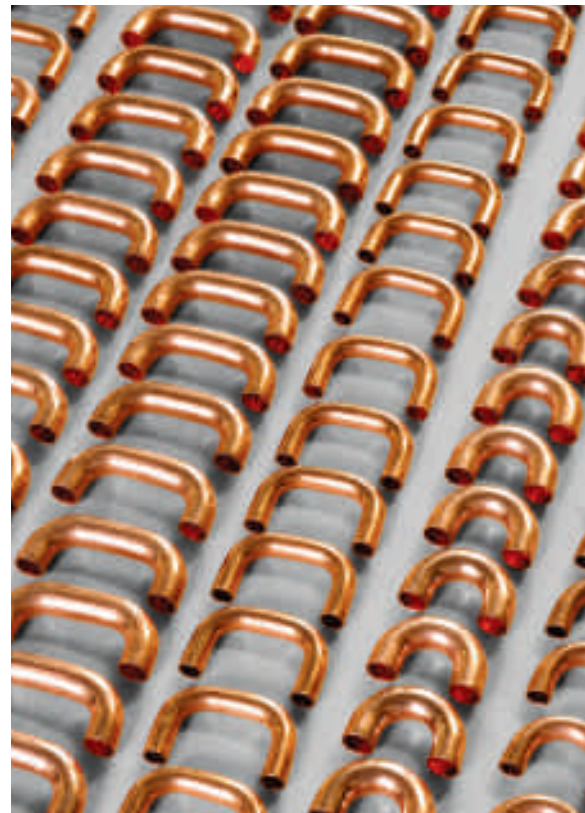
Complete Range For Commercial & Industrial Coils



Copper Fittings and System Tubing

We make 3/8", 12.7mm and 7mm U-bends at Prijai to meet almost 55% demand in the Indian market. We are known for quality in the domestic as well as the global market.

- C-bends are available in 3/8", 12.7mm and 7mm.
- We offer S-bends in three sizes 3/8", 12.7mm and 7mm.
- We also manufacture customized copper fittings.
- We also build distributors and system tubing to effectively meet industry requirement.
- We make condenser units with fabrication casing, fan and electrical components.
- Each unit is tested for required CFM and pressure, as per customer request.
- At Prijai, we can design and manufacture complete FCU units with respect to client's requirement.



QUALITY

Superior Quality that enhances life of cooling devices

At Prijai, we adhere to strict Quality Control Measures. The Quality Control Department is well-equipped to meet the most stringent quality demands. Vigorous tests are conducted under our Standard Operating Procedures (SOP) for all raw materials and finished products to ensure clean, hygienic and infallible products.

Quality Engineers examine coil components, tubes, and fins as each coil is assembled. In-house inspectors review the coils at key stages and check that all special instructions are followed. Once the coil is fully assembled, it undergoes a final inspection. Each coil is leak-tested to avert any leakages in the coil.

We make technology work for manufacturing excellence

Quality Control Department uses infrastructure and technology as tools to deliver cutting-edge products.

- Well equipped Laboratory consisting of Bursting Strength Machine
- Quality checks at all the stages of production cycle
- Technical assessment of products to verify acceptability of all jobs
- Customized reports to ensure traceability
- All supplies are certified with Quality Assurance report

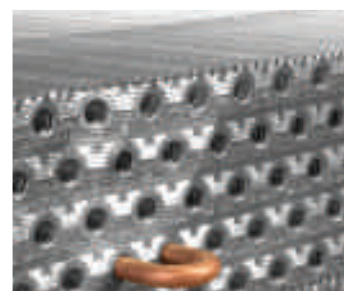
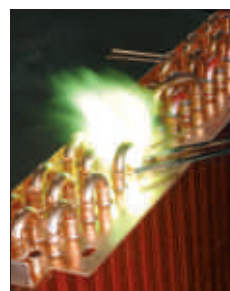
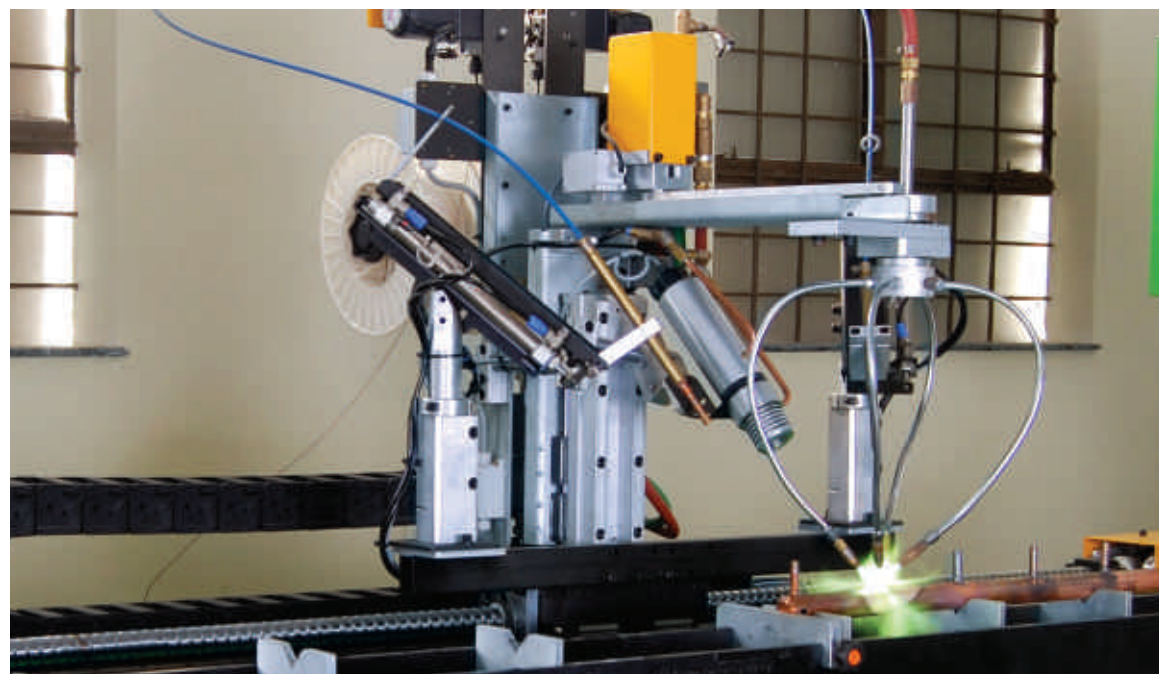
Our manufacturing unit is equipped with the most up-to-date equipments from Burr OAK- USA, CMS-Italy, HIDAKA-Japan and other world class companies. This helps us deliver best quality manufacturing set up for coils.

- Fin Press Line - HIDAKA-Japan
- CMS & Burr Oak Mechanical Expander
- Vertical expanders - CMS - Italy
- CNC cross over machine - CMS - Italy
- CNC tube bending

- CNC hair Pin bending machine from - CMS - Italy
- CNC Turret Punching Press
- Heating Oven for complete drying or baking of coils



MANUFACTURING TECHNOLOGY



RAW MATERIALS

Finest Quality to give longevity to products

Raw Material Sourcing

We procure world class raw material required to produce finest quality products that are acceptable worldwide. We keep the stock of following raw materials which are well accepted in the industry.

- Aluminium foil in bare or blue/ green/ gold colour, precoated with Hydrophilic/ Hydrophobic treatment. Thickness range: 0.105mm to 0.20mm
- We also process copper foils with finest quality.
- 3/8", 7mm, 12.7 mm copper tube with inner grooved and smooth copper tubes.



Crossover machine

CLIENT LIST

Adding prestige to the produce

Some of our prestigious clients:



Voltas Ltd.



Blue Star Ltd.



Emerson



Kirloskar



Johnson Controls



Stulz



Usha International



Uniflair



ISO 9001 :2008