

# ONOMA

解決 KAIKETSU

Serving with Excellence, **Delivering Quality**  
To Every Single Customer. Every Single Time



Heat Exchangers



AC for Train



System Tubing



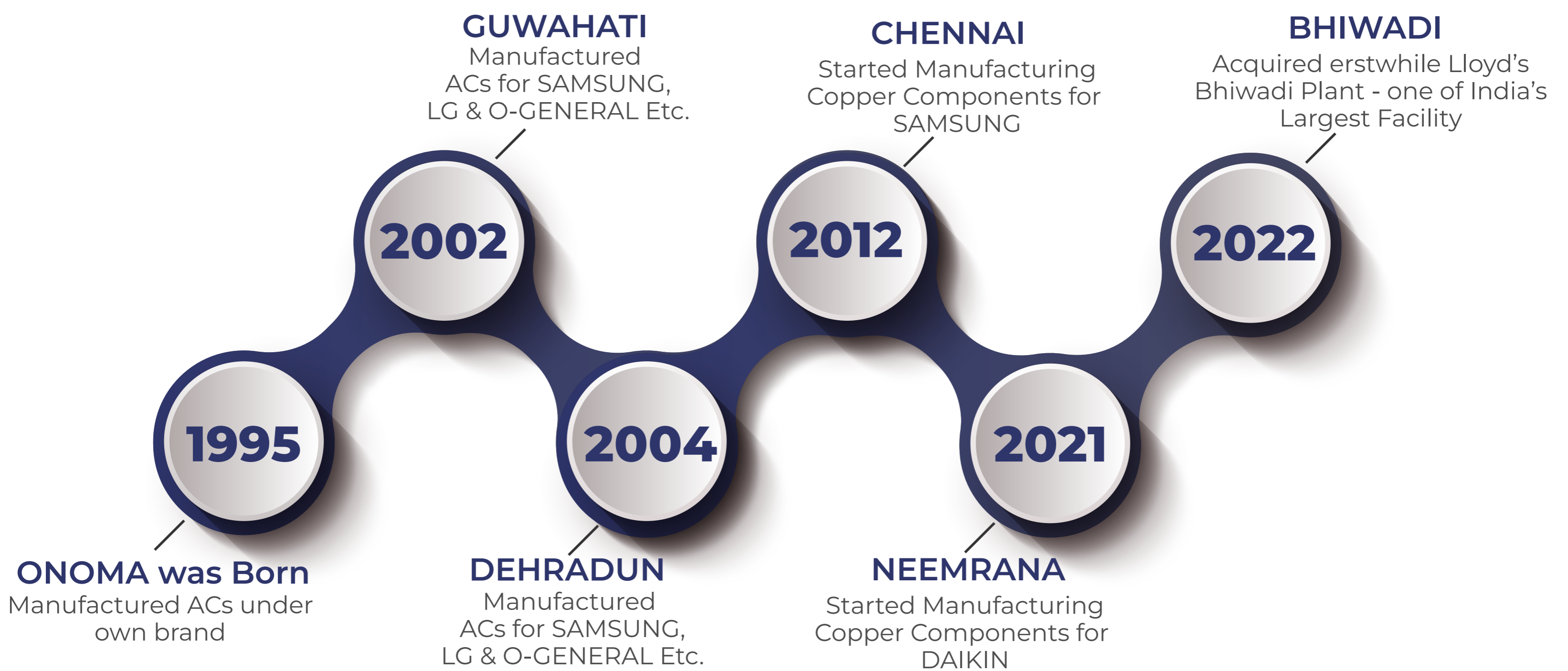
CNC Metal Forming

Since its establishment in 1996, the ONOMA Group is one of the most renowned groups in India, with multiple manufacturing facilities spread across the country. We operate in three verticals: HVAC & Refrigeration; Home & Office Furniture Solutions; and Integrated Cold Chain Solutions.

At ONOMA, we are pioneering solutions for the future by creating an efficient global supply chain, forming strategic and technical international collaborations, and accelerating our global outreach.



## OUR TIMELINE



## Our Business Verticals

### HVAC & Refrigeration

As a leading OEM in the HVAC and Refrigeration industries, we manufacture a wide range of heat exchangers, system tubing, copper components, and other components.

### CNC Metal Forming

Our brand is known for its promise to deliver extremely smart, aesthetically designed Home and Office furniture solutions with high durability and world-class quality.

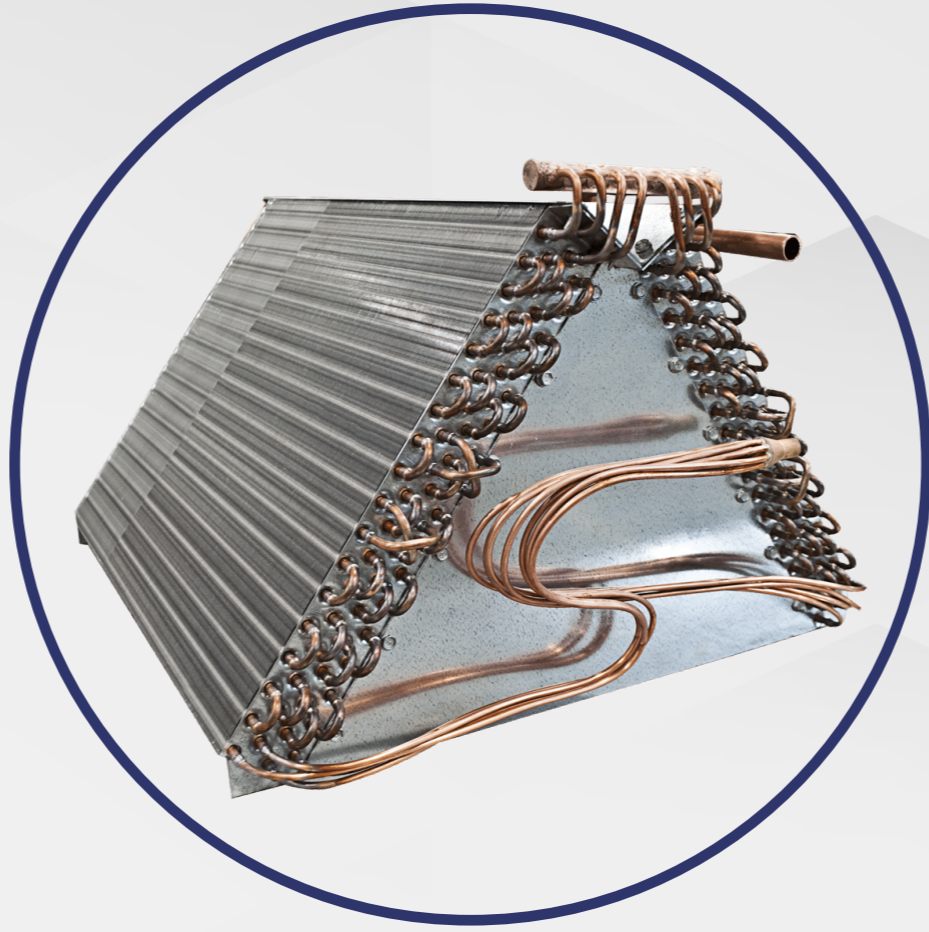
### Integrated Cold Chain Solutions

We are a pioneer in integrated cold chain solutions, serving multiple sectors with our state-of-the-art technology and cutting-edge capabilities.

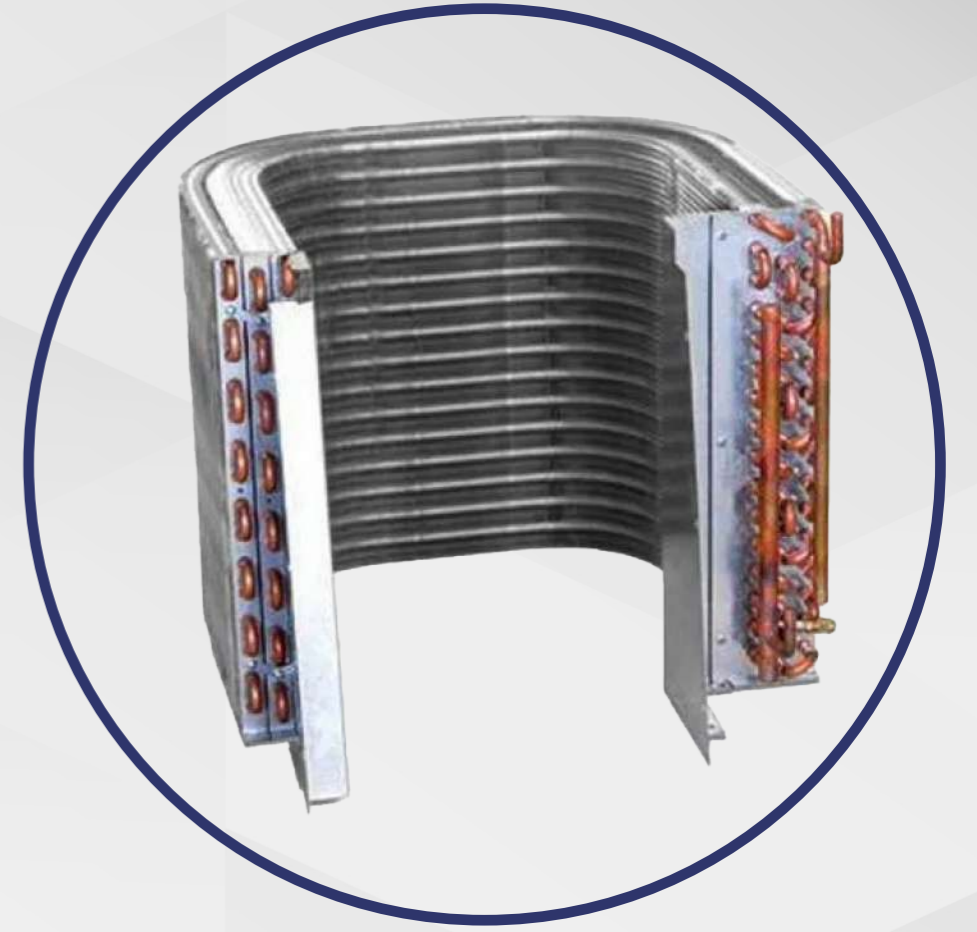
# SOME OF OUR PRODUCTS



Condenser Coil



Evaporator Coil



Bend Coil



Water or Glycol Coil



Copper Fin Coil



Copper Tubing



Bus AC Coil



Railway AC



Defence AC

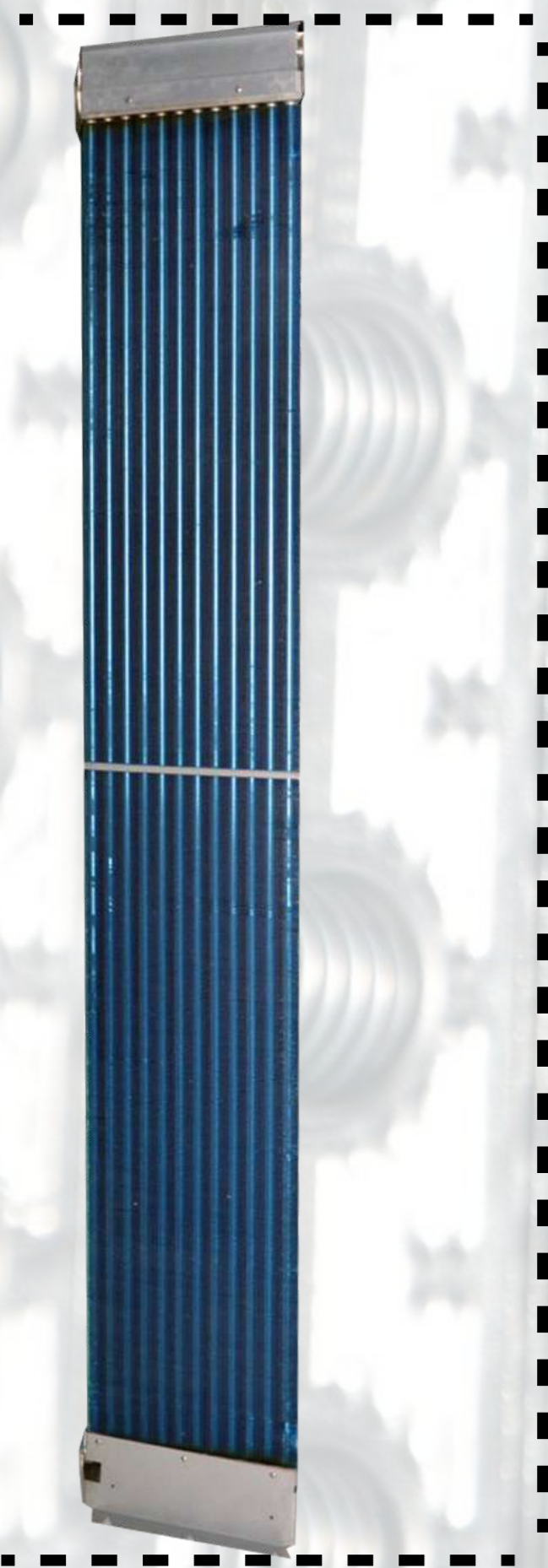
# HEAT EXCHANGERS

We take pride in our technological capabilities to produce a wide range of heat exchangers meeting the highest global standards of quality. Our facilities can create fin and tube condenser & evaporator coils for all air conditioning and commercial refrigeration applications. Our heat exchangers are designed by highly experienced professionals & backed by high-quality raw materials & equipment.

We also supply custom-built condensers and evaporator coils to some of the biggest names globally. We give immense focus to details, which results in highly durable coils, high performance & unmatched quality.

*We manufacture :*

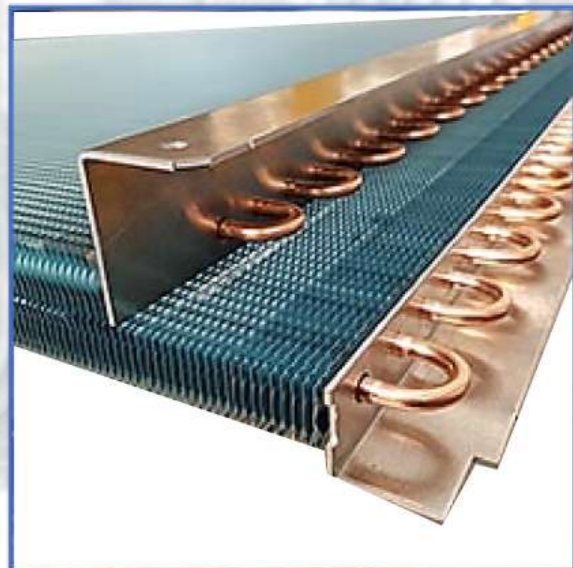
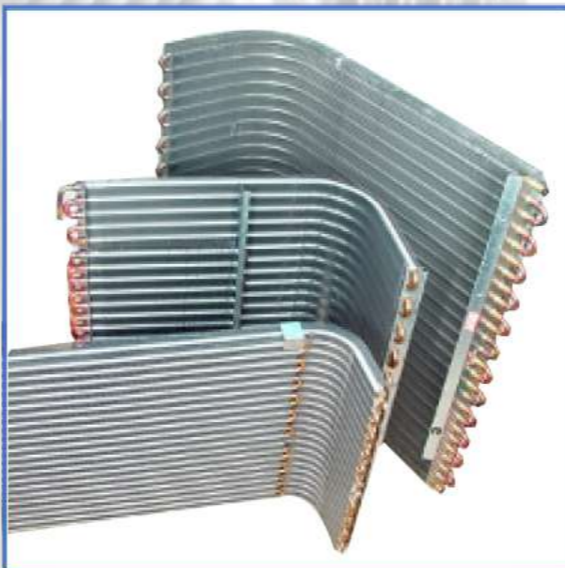
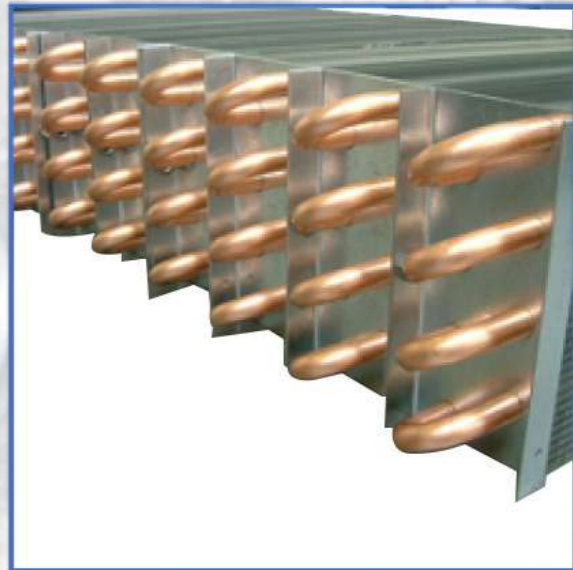
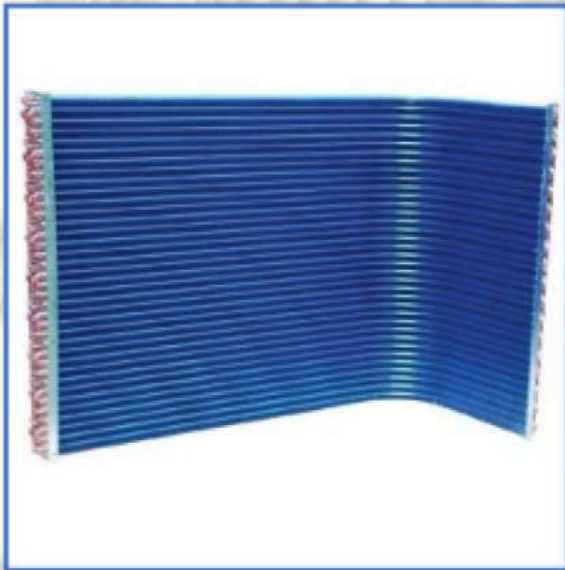
- Condenser coils | Evaporator coils | Reversible coils**
- Water & glycol coils | Special or industrial coils | Aluminium coils**



6 feet

## EVAPORATOR & CONDENSER COILS

Large variety of Copper tubes (Plain/IGT) & Aluminium fins (Plain/ Bare/ Hydrophobic/ Hydrophilic)



# ROOF MOUNTED PACKAGE UNITS

We specialize in manufacturing fully-built packaged Air Conditioners for Railways, Metro trains, Bus coaches, Refrigerated vehicles, and the Defence industry. At ONOMA, our cutting-edge R&D facility houses highly skilled technicians who design incredibly complex air conditioning equipment for RMPU.

Our manufacturing facility in Bhiwadi is one of the largest of its kind and has a long history of developing Roof Mounted Package Units for marquee clients. This plant has been manufacturing evaporator and condenser coils for air conditioners and HVAC applications using the most cutting-edge equipment from world-class companies like Burr Oak of the USA and Hidaka of Japan.



## Metro Systems



## Railways



## AC Buses

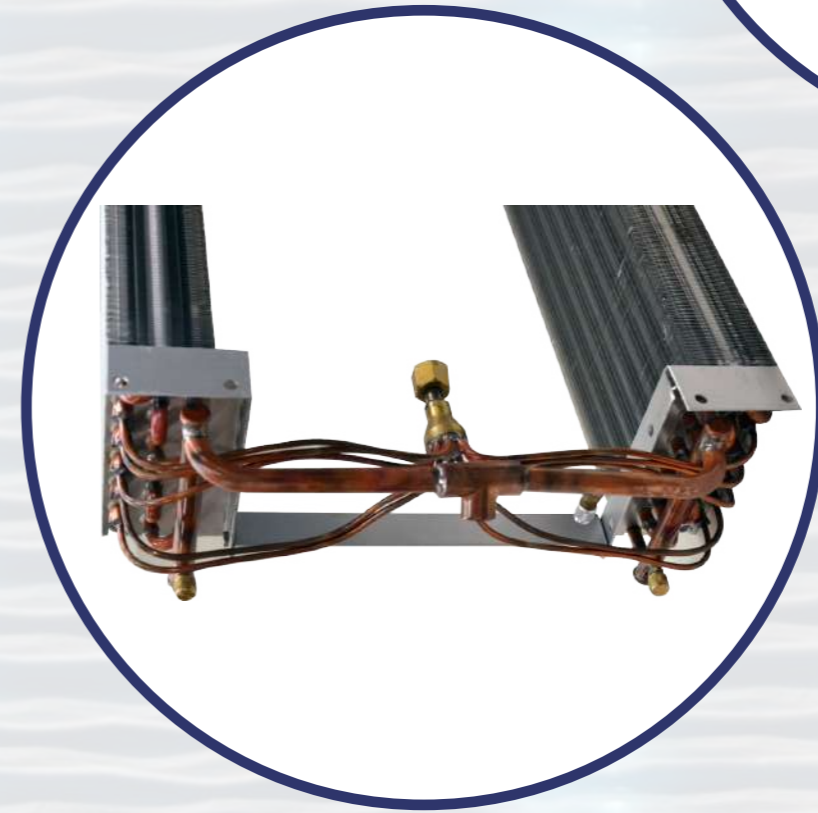


## Defence



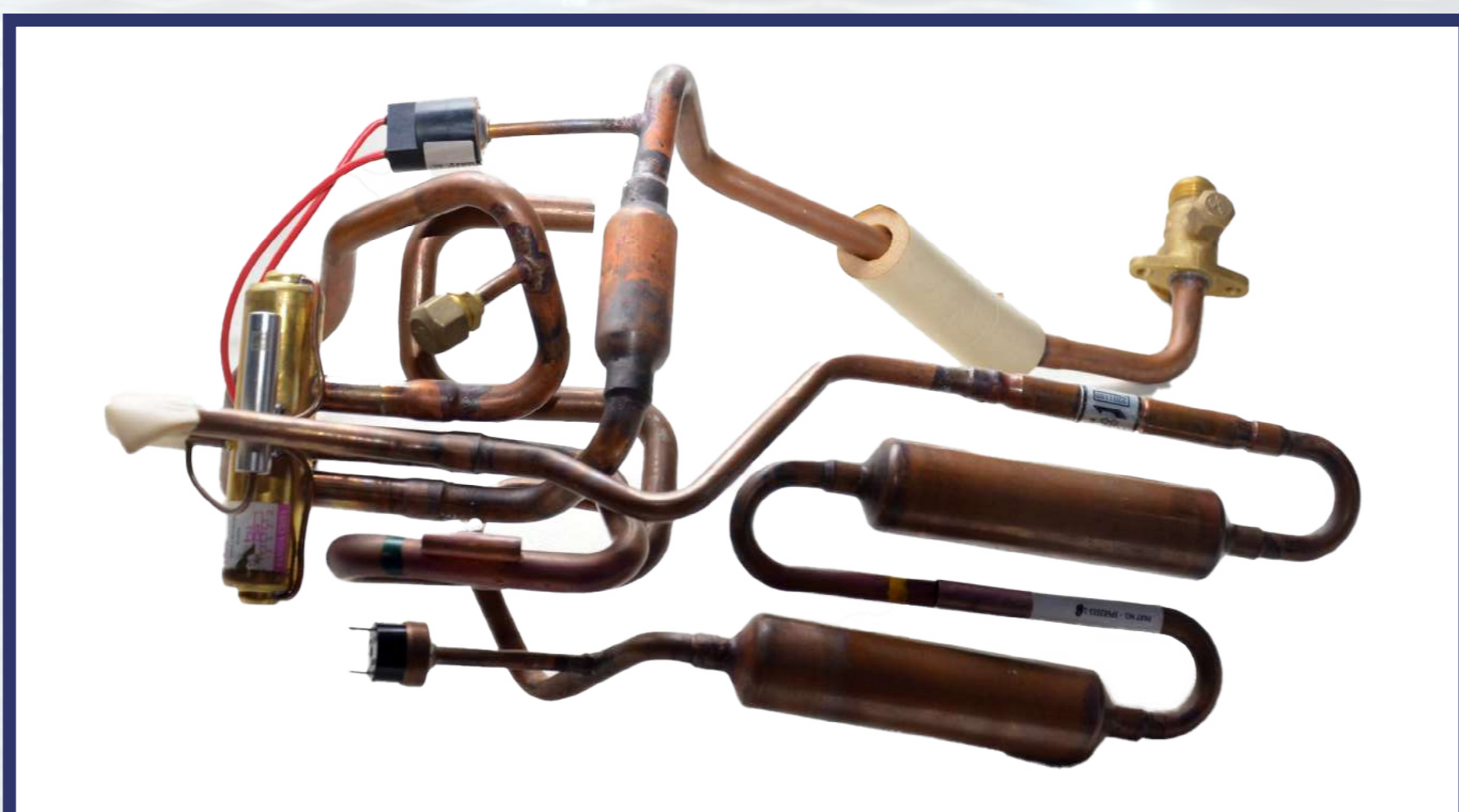
## COPPER HEADERS

We offer copper headers and distributor assemblies in a plethora of simple and complex designs as per customer requirements.



## SYSTEM TUBING

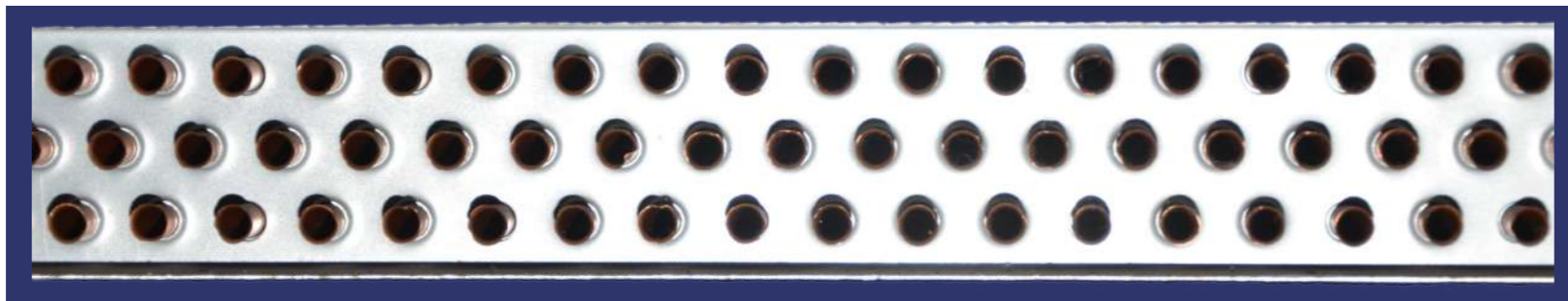
We supply top-notch quality System Tubing for leading OEMs in the HVAC&R space like Daikin and Samsung amongst others. We procure superior grade of raw material from renowned international suppliers and process them on cutting-edge CNC cutting, bending, and forming machines and maintain superior brazing quality standards in our facilities.



## SHEET METAL COMPONENTS

Our facility boasts of latest metal forming including state of art CNC machines to manufacture sheet metal components for both captive and non-captive consumption.

Our expertise includes condenser shrouds and evaporator housing as well. Our equipment is specifically chosen to serve complex mobility Air Conditioners applications like railway, defense, metro, and bus.



- CNC Turret Punching Machine
- CNC Hydraulic Press Brake
- Power Press Machine
- CNC Shearing Machine
- Powder Coating with 7 Tank Pre-treatment Plant



# DELIVERING QUALITY

We are dedicated to rigorous attention to detail to meet the highest level of quality standards and stringent technical specifications of our customers.

## QUALITY POLICY

The company is committed to total customer satisfaction by providing them with quality products in minimum lead time at a competitive rate regularly by continually improving its quality management system with the involvement of every individual in the company.

## OUR STATE OF ART TESTING SETUP



Auto Helium Leak Detector



Psychrometric Test Lab



Conveyorised Water Leak Test

- Automatic & Manual Helium Leak Detector
- Cyclic Pressure Test
- Salt Spray Test
- Burst Pressure Test
- Blockage Test
- One of the biggest Psychrometric Lab (18 tons) in India
- Automatic & Manual Water Leak Test
- Universal Testing machine
- Contamination Test
- Nitrogen Flushing

## FACILITY HIGHLIGHTS

1. Dust free Environment
2. End-to-end Traceability with QR Codes
3. Auto Brazing Facility
4. Dehydration Ovens
5. Completely in-house Return Bend, Copper Header & System Tubing, Sheet Metal with Amada CNC Turret Facility

## CERTIFICATIONS



Our facilities are also ISO 45001:2018, ISO 9001:2015, and ISO 14001:2015 certified.





Auto Helium leak Detection	Automatic & Manual Water Leak Testing	Auto Brazing
Fin Press	CNC Turret Punch	CNC Hydraulic Press Brake
CNC Bending	CNC End Forming	Hair Pin Bender
Blockage Testing	Vertical Expander	Flex Pander
Psychometric Test Lab	Power press Machine	CNC Shearing Machine
CNC Cutting	Spot/Tig/Mig Welding	Tin Plating
Powder Coating with 9 Tank pre-treatment Plant		

***Our HVAC&R manufacturing is spread over three facilities in India:***

**Bhiwadi:** One of India's largest heat exchanger factories. It boasts cutting-edge equipment from world-class companies like Burr Oak (USA) and Hidaka (Japan).

**Neemrana:** This facility is intended to fulfill high Japanese standards and specializes in producing sophisticated copper tube assemblies.

**Chennai:** Having a long association with Korean MNCs and other domestic players, this setup supplies air-con and refrigerator tube components.

# APPLICATIONS



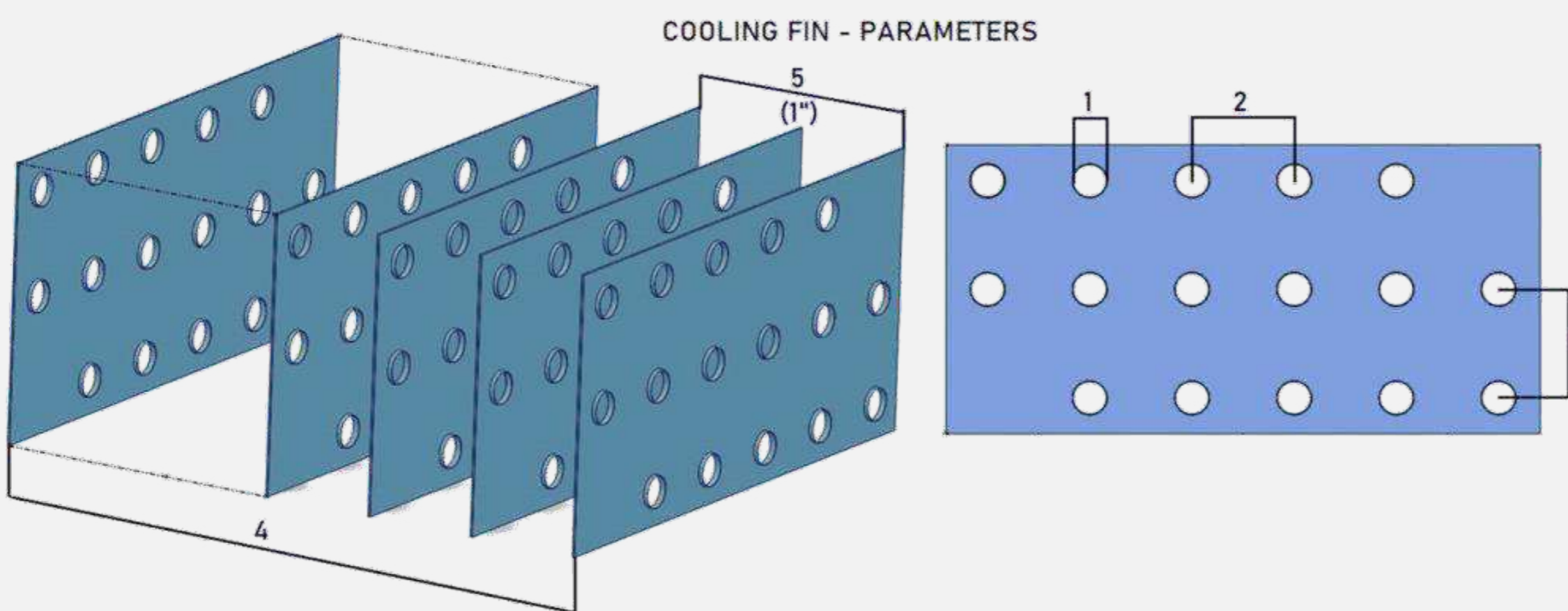
At ONOMA, We manufacture coils for diversified application in the HVAC & Refrigeration industry. We can manufacture large quantities of customised coils for a wide range of usage and specifications.



# Manufacturing Capability

Tube OD	7MM	7MM	7MM	9.52MM	9.52MM	12.7MM	15.88MM
Tube Pitch	21MM	22MM	21MM	25.4	25MM	31.75MM	38MM
Row Pitch	12MM	19.05MM	12.7MM	22MM	21.65MM	27.5MM	32.91MM
Fin Thickness (mm)	0.095~0.14	0.095~0.14	0.095~0.14	0.095~0.25	0.095~0.25	0.095~0.25	0.095~0.25
FPI	14~21	8~21	14~21	5.5~21	5.5~21	5~21	5~21
Fin Gap (mm)	1.2~1.8	1.2~3.2	1.2~1.8	1.2~4.6	1.2~4.6	1.2~5.1	1.2~5.1
Fin Types	Plain, Louver	Plain, V-Waffle	Plain, Louver	Plain, Louver, Sine Wave	Plain, Louver, Sine Wave	Plain, Sine Wave	Plain, Sine Wave
Fin Edge	Plain	Plain	Plain	Plain and Rippled	Plain	Rippled	Rippled
Vertical Expander	180~1400	180~1400	180~1400	100~2000	100~2000	100~2000	100~2000
Horizontal Expander	-	-	-	100~12000	100~12000	100~12000	100~12000
Casing/Sheet metal	Cu, AL, GI, SS, Brass						
Fin Material	Aluminium (Plain/Bare/Hydrophobic/Hydrophilic) And Copper						
Anticorrosion Coating	Nano, Tin, Powder, Heresite, CED or as per customer requirement						

## Fin Diagram



SNo.	Description	Sizes Feasible
1	Tube OD	7, 9.52, 12.7, 15.88
2	Tube Pitch	21-38
3	Row Pitch	12-32.98
4	Expanded Length	100-12000
5	FPI	5-21



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