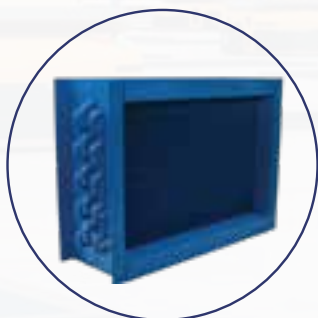


ONOMA
解決 KAIKETSU

Quality is in Our Hands



**Heat
Exchangers**



**AC
for Trains**



**System
Tubing**

With industrial origins of the group dating back to 1952, the HVAC&R foray began in 1996 under the ONOMA brand.

**We pioneer solutions to achieve unparalleled
QUALITY in our products.**

27+ Years
of Existence

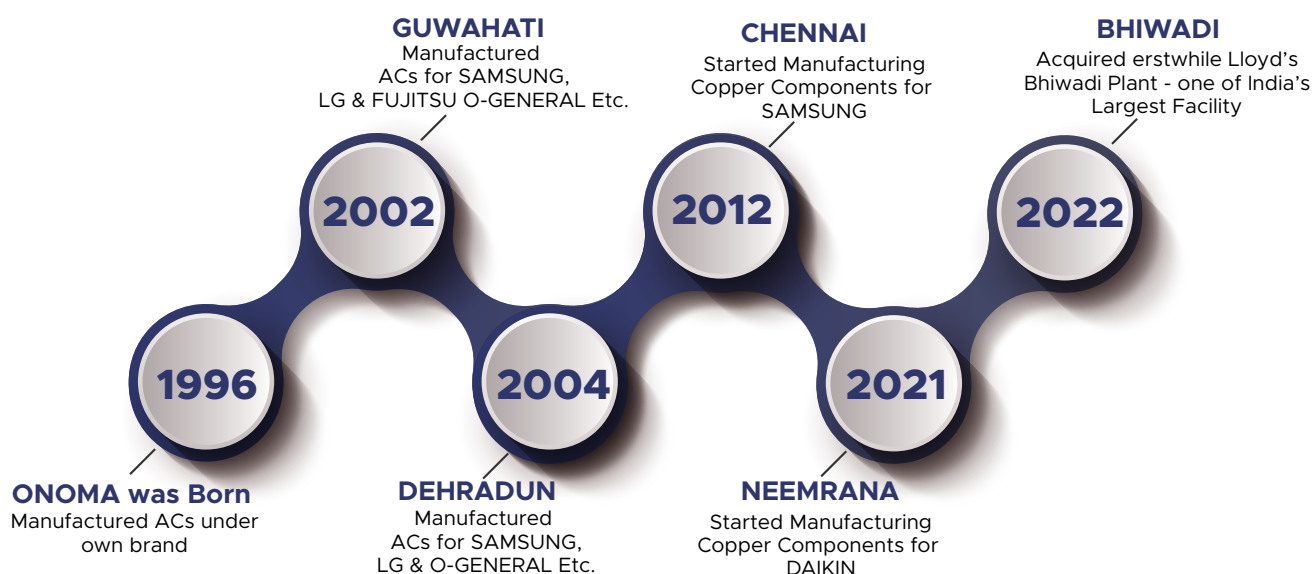
3
Business
Verticals

6
Manufacturing
Hubs in India

1.7 Million
Annual Coils
Capacity

2,10,000
SQFT
HVAC Facility

OUR TIMELINE



Our Business Verticals

HVAC & Refrigeration

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.

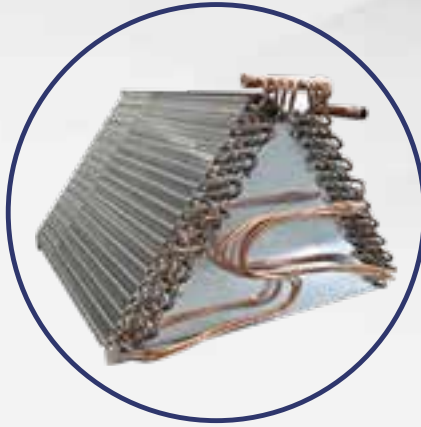
Integrated Cold Chain Solutions

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

Heat Exchangers manufactured on cutting-edge machineries by Burr OAK (USA) and Hidaka (Japan)



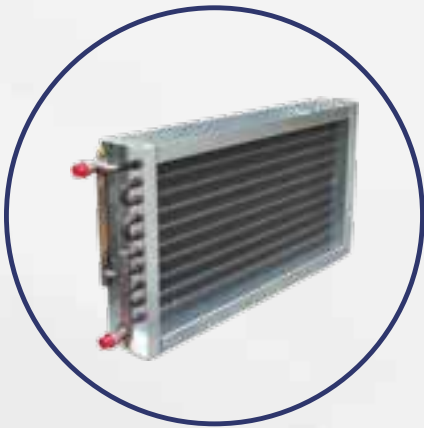
Condenser Coil



Evaporator Coil



Bend Coil



Water or Glycol Coil



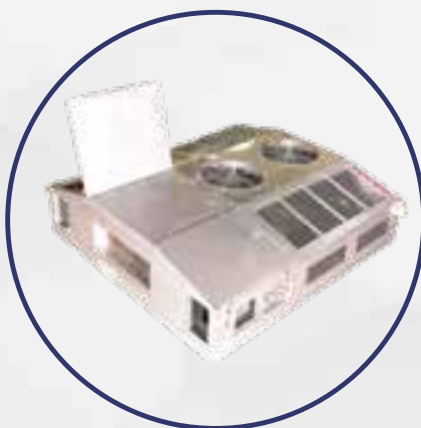
Copper Fin Coil



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.

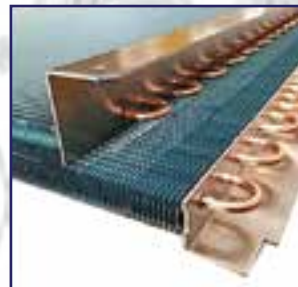
We manufacture :

Condenser coils | Evaporator coils

Water & glycol coils | Special or industrial coils

EVAPORATOR & CONDENSER COILS

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



ROOF MOUNTED PACKAGE AC 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 engineers 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.



Metro Train



Railway



Defence



AC Buses

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 facilities are equipped with 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 Machines
- CNC Hydraulic Press Brake
- Power Press Machine
- CNC Shearing Machine
- Powder Coating with 9 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



Helium Leak Detector



Psychrometric Test Lab



Conveyorised Water Leak Test

- Helium Leak Detector
- Cyclic Pressure Test
- Burst Pressure Test
- Salt Spray 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 is equipped with machines from Burr Oak (USA) and Hidaka (Japan).

Neemrana: This facility is intended to fulfill high Japanese standards and specializes in producing complex 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.

SAMSUNG



Tecumseh

Valeo
motherson 

DAIKIN

TRANS ACNR 

 **amber**

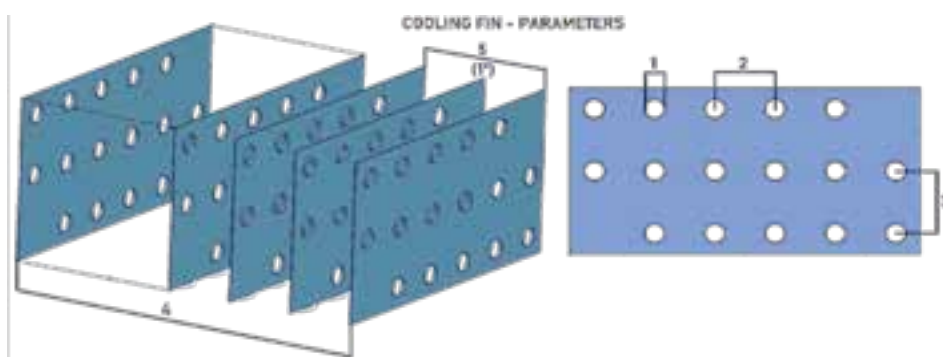


Cruise

Manufacturing Variety

Tube OD	7mm	7mm	7mm	9.52mm	9.52mm	12.7mm	15.88mm
Tube Pitch	21mm	22mm	21mm	25.4mm	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, Louver, 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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India 201301

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BHIWADI
Rajasthan India 301019
(Formerly LLOYD / LEEL Plant)



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