



ARCTIC HEAT EXCHANGER PRODUCT RANGE

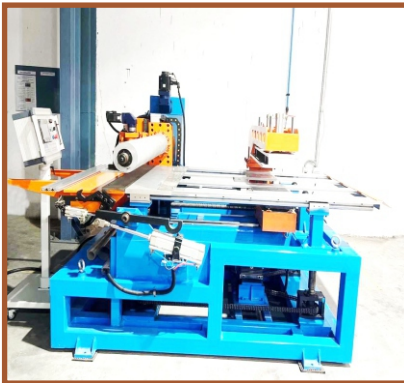
ABOUT US

Arctic has ISO certified manufacturing facility for manufacturing of heat exchangers such as cooling coils, condenser coils, indoor units and condensing units for various applications in HVACR Industry.

Our plant is based at Bhiwadi, Rajasthan, which is approx 65 Kms from New Delhi Airport and well connected to various ports in India.

We have complete automated manufacturing plant having Fin Die, Fin Press, Vertical Expander, Horizontal Expander, Hair Pin Bender, Coil Bender, Brazing Set-up, Leakage Testing Unit, Sheet Metal Process and other machines.

European coil design software and Stringent quality control ensures the best-in-class quality products customised as per your need.



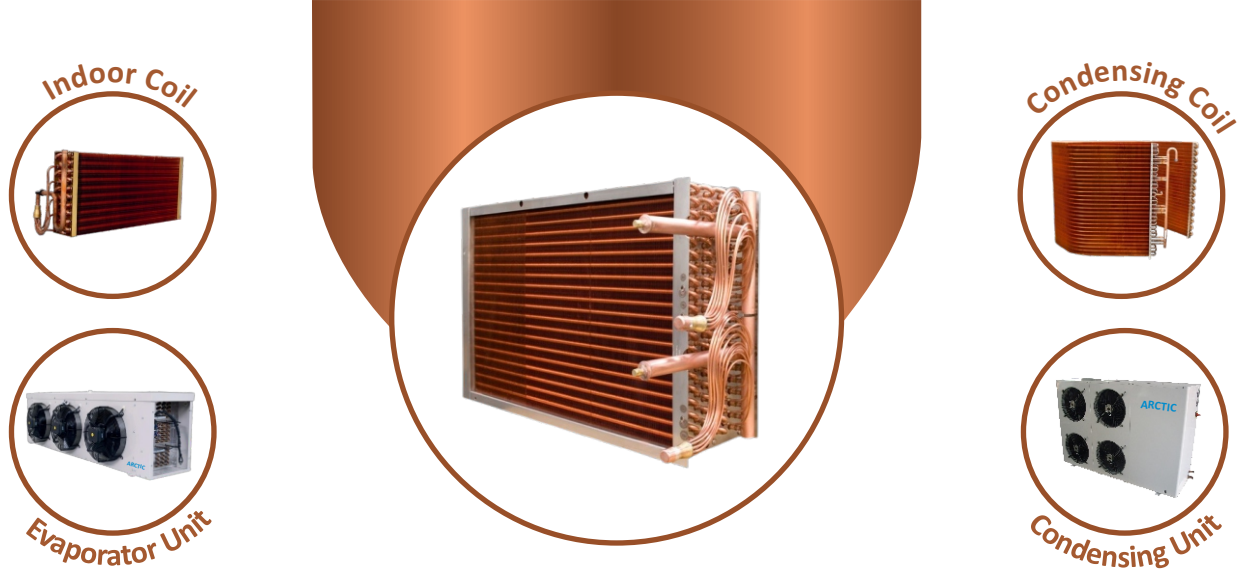
ISO Certifications



ISO 9001:2015
Certified in
Quality management System

ISO 14001:2015
Certified in
Environmental Management System

ISO 45001:2018
Certified in
Health & safety Management System



Coils for HVAC&R

- Coils for **AHU, Chiller, Condensing unit, Indoor unit** and other applications in **HVAC&R**.
- High-Efficiency Coil design for optimal heat transfer using copper and aluminum with proper fin spacing to maximize suitable powerful surface area for heat exchange.
- Fan Systems design over the heat exchanger to enhance heat transfer and cooling efficiency.
- Durable Coil Construction - Built with materials that resist corrosion and wear, ensuring a long operational lifespan.
- Defrosting Options - Systems designed for low-temperature applications include electric or hot gas defrosting to prevent ice buildup on the coils.
- Adjustable Airflow - Customization of airflow can be done to enable precise temperature and CFM management.
- Space-Saving Designs - Compact evaporator units / condenser coils are available for installations where space is limited.
- Corrosion Resistance - Evaporators / Condenser constructed with corrosion-resistant alloys and coatings, especially important in industrial settings with corrosive substances.
- Energy Efficient design minimizes energy consumption while maintaining high cooling performance.
- Ease of Maintenance - Simple designs and accessible components make maintenance and cleaning easier.
- Refrigerant Management - Heat exchangers are designed to use refrigerants efficiently, minimizing operational costs and environmental impact.

Specially Designed Indoor Units for cold storage application

- **CA Storage Units** - Special Indoor Units for CA Cold Storage to maintain High Humidity and High CFM inside the CA Rooms.
- **Potato Cold Storage Units** - Special Indoor Units for Potato Cold Storage to maintain High Humidity and regulated CFM inside the rooms.
- **Low RH Units** - Specially built Low RH Units for Seeds & Spices cold storage.
- **Ripening Chamber Units** - High Humidity & High CFM Units for Banana and other products Ripening.
- **Pre Cooling Units** - High Humidity & High CFM Units for Pre Cooling Applications.
- **Blast Room Units** - High CFM Units for Blast Applications.
- **Cubic Evaporators** for various cold storage applications.
- **Slim Line Indoor Units** for processing rooms / low-height cold room.
- **Indoor Coils / Evaporator Units** are available for capacity range from 1kw to 80kw suitable for temperature range from +45°C to -40°C.



Arctic Heat Exchanger Pvt. Ltd.

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