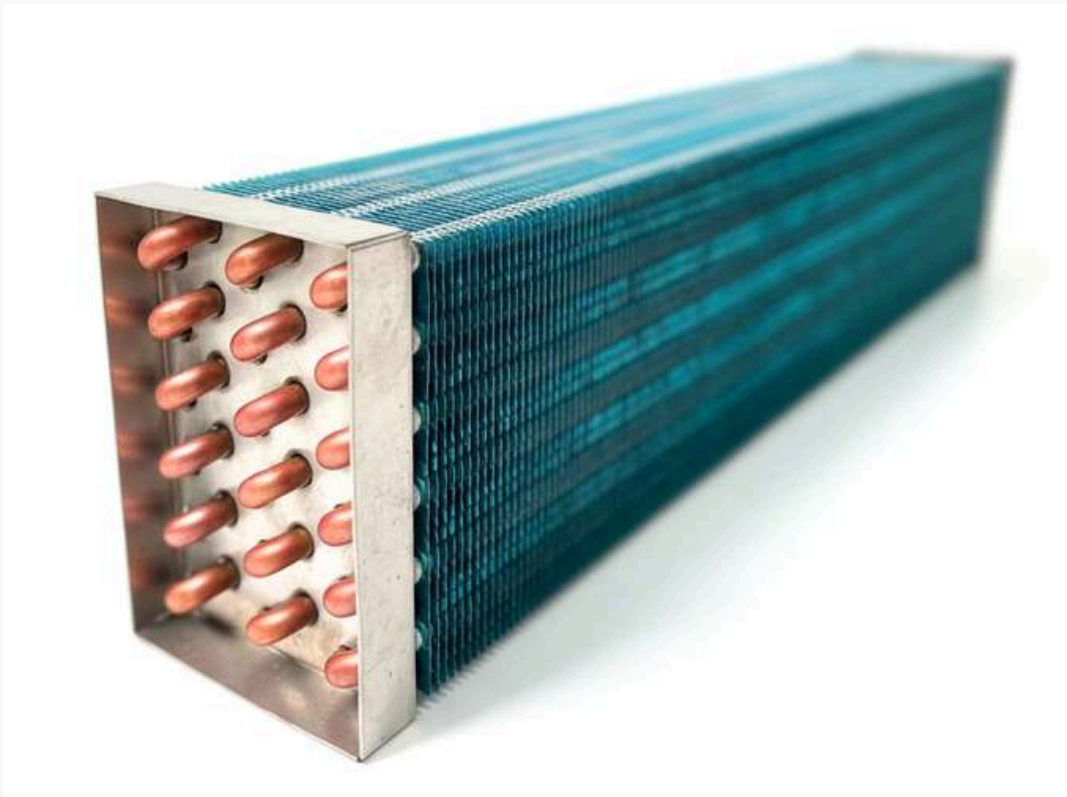


Deep Freezer Cooling Coil

PRODUCT DETAILS:

Coating	Color Coated
Tube Material	Copper
Shape	Rectangle
Country of Origin	Made in India
Usage/Application	Deep Freezer



- **Deep Freezer Coil**

- Essential component of deep freezer refrigeration system
- Maintains ultra-low temperatures from -18°C to -40°C or lower
- Suitable for commercial, industrial, and medical applications

- **Types of Coils**

- **Evaporator Coil (Cold Side)**

- Absorbs heat from freezer interior
- Made of aluminum or copper for high thermal conductivity
- Finned design for improved heat transfer
- Located inside cabinet or embedded in inner walls

- **Condenser Coil (Hot Side)**

- Releases absorbed heat to surrounding air
- Copper tubing with aluminum fins
- Positioned at back or bottom of freezer unit

- **Working Principle**

- Refrigerant enters evaporator as low-pressure liquid
- Absorbs heat and evaporates into gas
- Gas is compressed to high pressure
- Passes through condenser to release heat and convert back to liquid
- Continuous cycle maintains low internal temperature

- **Special Features**

- Anti-corrosion coated for durability
- Insulated coil lines to reduce energy loss
- Compatible with low-temperature refrigerants like R-404A and R-4N74