

# Star Tube-fin Coils

*Coil Design and Manufacturing Capabilities  
for bulk and specialised requirements*

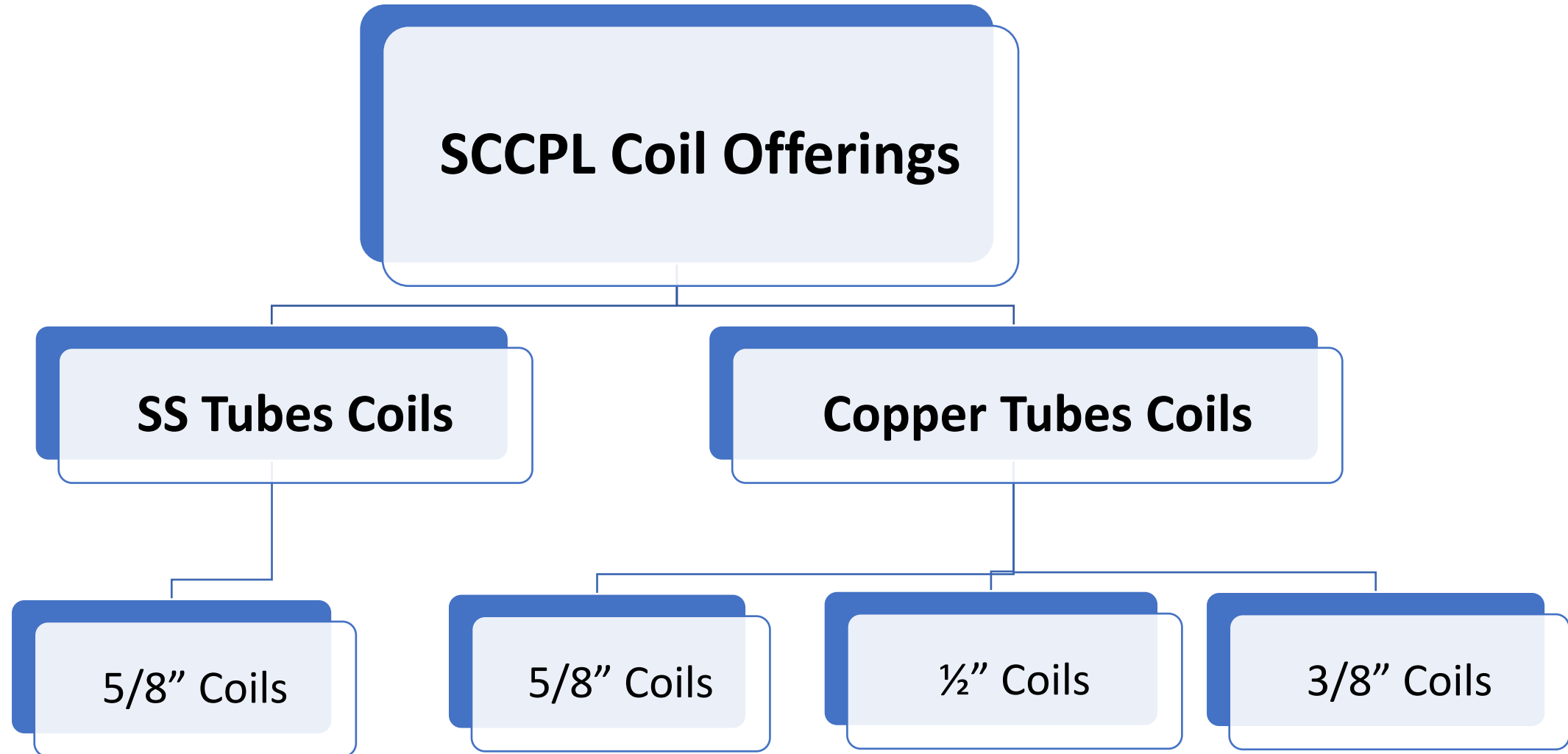
# COILS

Chilled Water/Glycol /Direct Expansion/NH3/Hfc

*Star Coils for  
bulk-batch-special  
requirements  
OR Special  
design.*



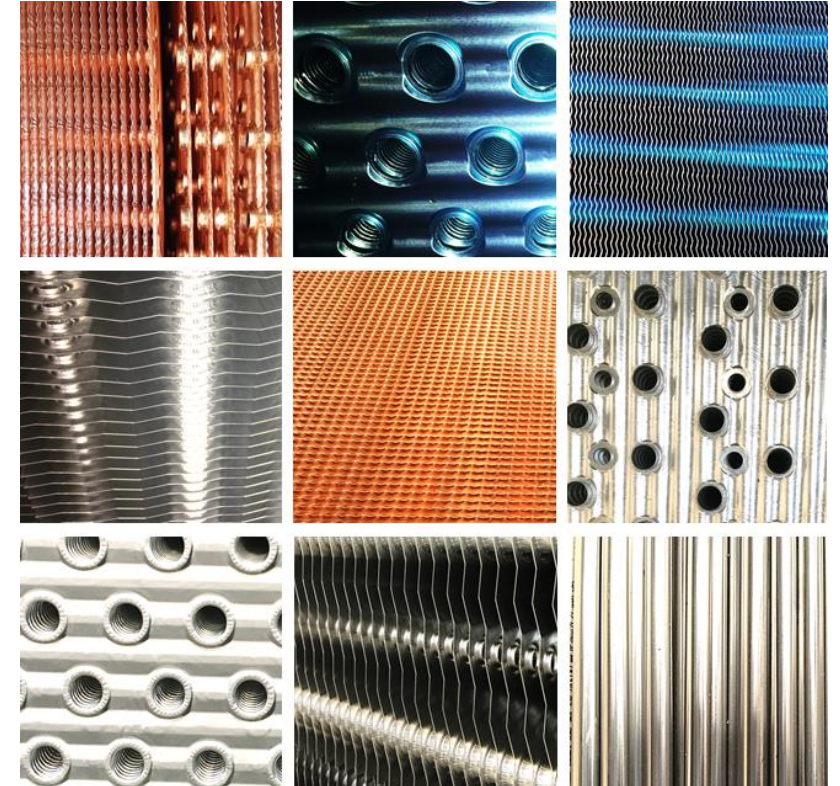
- HVAC and Refrigeration Equipment Manufacturers [ Chillers, AHU etc ]
- Process Plant Manufacturer / OEM for various Applications



# Different Fin types offered

Fin type offered depending on the application / choice of Customers.

- ✓ Plain Al Fins
- ✓ Blue (Hydrophilic) Coated Al fins
- ✓ Blue Epoxy Coated Al Fins
- ✓ Heresite Coated Fins
- ✓ Plain Copper Fins
- ✓ Tin Coated Copper Fins
- ✓ SS Fins (Available with 5/8" OD tubes only).



## SS Tubes Coils -5/8" OD.

### SS tube-fin Coils - 5/8" OD.

*SS tubes coils can be used for different applications like Ammonia coil, Dx Coil, Condenser coil, Chilled water coils and Steam coils.*

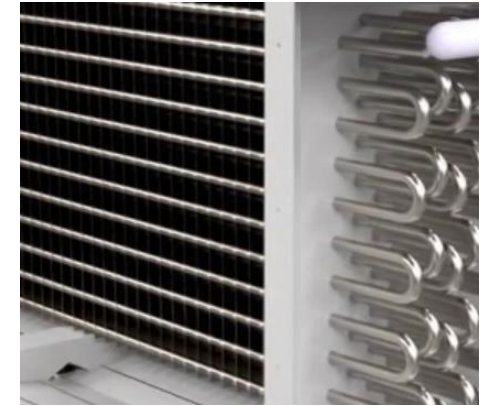
**Tube thickness** : 0.5 mm

**Fins spacing** : from 25.4 mm (1 FPI), 12.7 mm (2 FPI) to 2.11 mm (12 FPI)

**Fins thickness** : from 0.4 mm to 0.15 mm.

**Fin length** : 300 mm to 11200 mm

**Tube pitch** : Staggered OR triangular pitch.



# Copper coils Tubes OD 5/8", 1/2", 3/8"

## 5/8" OD tubes Copper coils

*These coils can be used for different applications like Dx Coil, Condenser coil, Chilled water coil.*

**Regular tube thickness** : 0.41 mm, 0.5 mm & 0.7 mm

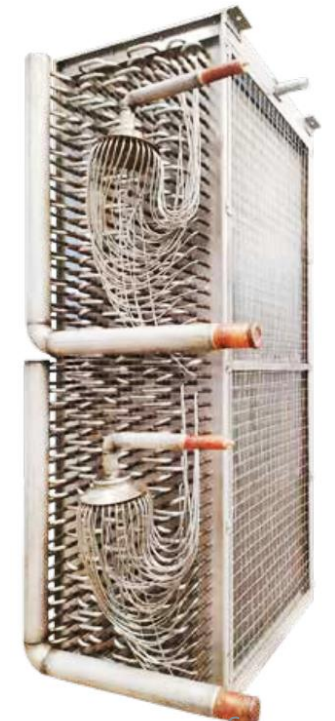
Any different than above can be organised.

**Fins spacing** : 25.4 mm (1 FPI), 12.7 mm (2 FPI) to 2.11 mm (12 FPI).

**Fins thickness** : 0.4 mm to 0.15 mm.

**Fin length** : 300 mm to 11200 mm

**Tube pitch** : Staggered OR triangular pitch.



# Copper coils Tubes OD 5/8", 1/2", 3/8"

## 1/2" OD tubes Copper coils

*These coils can be used for different applications like Dx Coil, Condenser coil, Chilled water coil.*

**Regular Tube thickness** : 0.36 mm or 0.41 mm or 0.5 mm or 0.63 mm thick tubes  
IG tubes options are also available for 1/2" OD tubes.

**Fin spacing** : from 8.46 mm (4 FPI) to 1.95 mm (13 FPI)

**Fins thickness** : from 0.25 mm to 0.15 mm.

**Fin length** : from 300 mm to 11200 mm

**Tube pitch** : Staggered OR triangular pitch.



# Copper coils Tubes OD 5/8", 1/2", 3/8"

## 3/8" OD tubes Copper coils

*These coils can be used for different applications like Dx Coil, Condenser coil, Chilled water coil.*

**Regular Thickness** : 0.31 mm or 0.41 mm thick tubes.

IG tubes options are also available for 3/8" OD tubes.

**Fins spacing** : from 2.54 mm (10 FPI) to 1.69 mm (15 FPI).

**Fin thickness** : 0.12 mm.

**Fin length** : 300 mm to 11200 mm

**Tube pitch** : Staggered OR Triangular Pitch.



# Primary Coil details

*'We take the heat*  *you keep the cool'*

|                              |                   |                     |   |                          |                   |
|------------------------------|-------------------|---------------------|---|--------------------------|-------------------|
| Customer Name :<br>Address : |                   |                     | Customer Technical Manager Name / Contact:<br><br>Customer Purchase Manager Name / Contact :<br><br><i>Star Coolers Concerned person name / contact :</i> |                          |                   |
| Material of Constr           | Tube : _____      | Fin _____           | Casing _____  | Fin type – Plain / _____ |                   |
| Tube-Fin specs               | Tube OD: _____    | Tube Thk : _____    | FPI : _____   | Fin Length : _____       | Fin height: _____ |
| Ammonia Coil                 | Air Volume _____  | Room Temp _____°C   | System : Pump Feed / Gravity _____  |                          | Coil Cap _____ kW |
| Dx COIL                      | Refrigerant _____ | Air Volume _____    | Room Temp _____°C   | Evap temp _____°C        | Coil Cap _____ kW |
| Chill Water COIL             | Air Volume _____  | Air on Temp _____°C | Chill water inlet _____°C   | Water Flow _____         | Coil Cap _____ kW |
| Condenser Coil               | Refrigerant _____ | Air Volume _____    | Ambient temp _____°C  | Cond temp _____°C        | Coil Cap _____ kW |
| Special Notes                |                   |                     |   |                          |                   |

**\* Please fill and send online OR take print, fill and attach Coil drawings if any and email to [sales@starcooler.co.in](mailto:sales@starcooler.co.in)**

# Thank-you

Visit us @  
[www.starcooler.co.in](http://www.starcooler.co.in)

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