

★ ★ **Star Coolers & Condensers Pvt Ltd**



INDO-BRITISH  
JOINT  
VENTURE



CHILLING FREEZING PRE-COOLING DEHUMIDIFICATION INDUSTRIAL REFRIGERATION & AIRCONDITIONING



## Corporate Philosophy

Continue exploring new opportunities in the Domestic Market for Growth. Strive to get the International Product Technology to serve the Indian Customers better and gradually grow into international market. Build a strong and highly motivated Human Resource Base.

## Segements Catering to

Cold Storage ■ Fisheries ■ Meat Processing ■ Chicken processing ■ Food processing ■ Dairies  
■ Horticulture ■ Floriculture ■ Braveries & Beverages ■ Air - Conditioning ■ Controlled and Modified Atmosphere cold Storages ■ Chemical & Pharmaceutical industries

## Product Range

Ceiling Mounted Coolers

Blast Freezers (Trolley Freezer)

Dual Discharge Coolers

Pre-Cooling Units

Air Cooled condensers (Freon / Ammonia)

Chilled Water/ Brine/Coils for AHU's,

Floor Mounted Coolers (VA, WA type)

Eco-mesh Evaporative cooling application

UA Coolers

Cleanable Coolers

Evaporative Condenser

Dry fluid Coolers

Humidifier

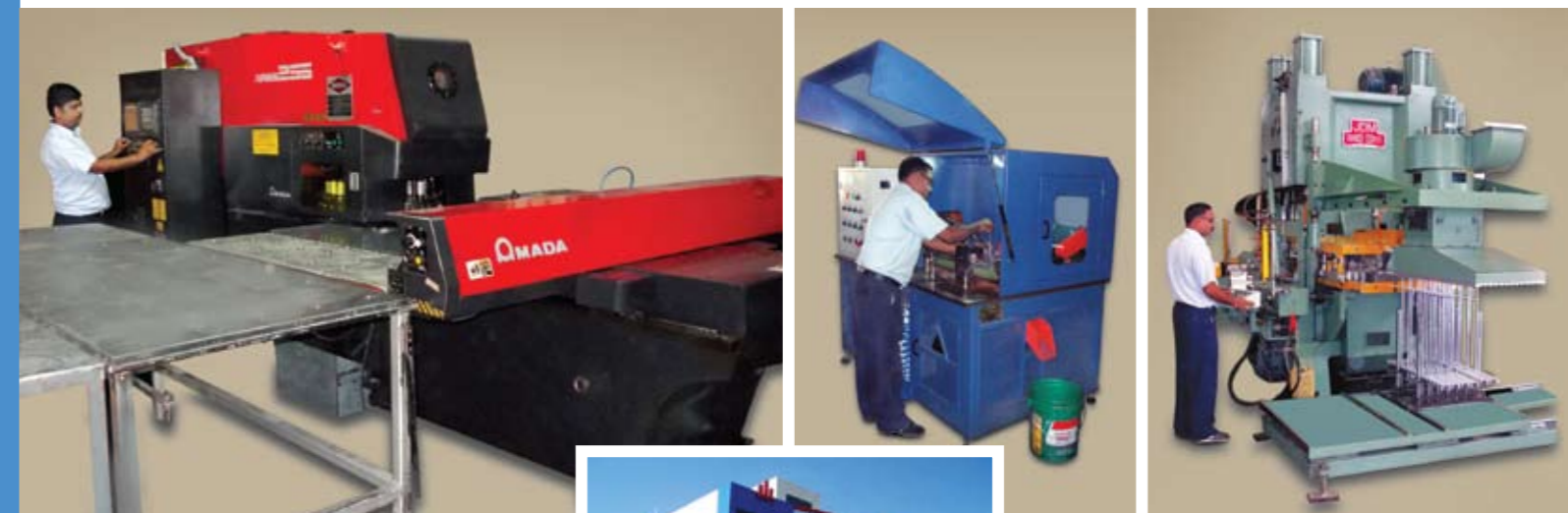
Special Heat Exchanger

Condensing Units

Freezertech (Plate Freezers)



- An INDO - BRITISH JOINT VENTURE ■ Parent Company - Coolers & Condensers Ltd. U.K.
- Joint Venture with IMA Cooling Systems UK ■ Joint Venture with Star Frost UK ■ Joint Venture with Freezertech UK



Star Coolers & Condensers Pvt. Ltd. Is an INDO – BRITISH JOINT VENTURE with most successful, independent and innovative manufacturer of heat exchange products in the U.K

Coolers and Condensers Ltd. U.K. was established in 1984 with a wealth of knowledge and experience extending back a further 25 years. Always in the vanguard of design, they pioneered the use of pre-treated galvanized steel sheet, cleanable coolers and stainless steel casings. Their advances in the manufacture of stainless steel tube coolers set the standards by which the new generations of European ammonia products are now judged.

From earliest beginnings the company policy has been, where opportunity permits, to follow the products into the field thus



gaining invaluable experience in their performance in a complex area.

The full technical and development resources of the U.K. Operation is and will continue to be available to India.

Our strong technical & design team offer the standard as well as the customized design of products to meet the specific needs of the customers.

Our Managements & Shop Floor teams are well qualified and trained. We adopt latest quality assurance techniques to improve and maintain the product quality.

Our manufacturing facilities include, Sheet Metal Working, Fin Punching, Copper and SS Tube Cutting, Hair Pin Bending, Powder coating & Testing . It comprises of sophisticated CNC equipment of reputed imported and indigenous manufacturers.

We are ISO 9000 company.

Today “Star Coolers and Condensers” has become a leading Brand Name in Air Cooling Products serving diverse markets in Cold Storages, Fruits and vegetables, Fishery Exports, Chicken & Meat Process, Chemical Industries and many more.



### Ceiling Mounted Coolers

- Copper tube/ aluminium fin for R22 & modern equivalents.
- Stainless steel tubes for Ammonia.
- Fin spacing 6,4,3,2 fpi.
- Option for SS Casing/ G.I. Casing & various Defrost arrangements.
- Choice of fan type & speed according to application.



### Air Cooled Condensers (Freon / Ammonia)

- Copper tubes / aluminium fin for R22 & modern equivalents.
- Choice of fan speed for reduced noise level in sensitive locations.
- Fin Spacing 10 , 12 FPI.
- Option for casing. Stainless steel tube for Ammonia application



### Blast Freezers (Trolley Freezer)

- Copper tubes / aluminium fin for R22 & modern equivalents.
- Stainless steel tubes for Ammonia.
- Fin spacing 6,4,3,2 fpi.
- Option for SS Casing/ G.I. Casing & various Defrost arrangements.
- Choice of fan type & speed according to application.



### Chilled Water/ Brine/Coils for AHU's

- Tube 5/8" & 1/2 " O.D.
- Copper for R22 & Glycols.
- Stainless Steel tube for Ammonia, various casing & defrost options available.



### Dual Discharge Coolers

- Copper tubes / aluminium fin for R22 & modern equivalents.
- Stainless steel tubes for Ammonia.
- Fin spacing 4 & 6 fpi, casing & defrost options.
- Two fan speeds available for different working noise requirements.



### Floor Mounted Coolers (VA, WA type)

- Copper tube/ aluminium fin for R22 & modern equivalents.
- Stainless steel tubes for Ammonia.
- Fin spacing 6,4,3,2 fpi.
- Option for Casing & various Defrost arrangements.
- Axial Flow fans, Suitable external pressure for blast chilling or freezing.



### Pre-Cooling Units

- PU Panel Construction.
- SS Water tank.
- High Static special fans.
- Special Water sparge arrangement
- Range from 1 MT/ batch to 7 MT / batch.



### Evaporative Condenser

- Available in Nominal capacity range of 100 KW to 2200 KW.
- Stainless Steel tubes with the option of SS casing / GI casing.
- Compact Design & easy for maintenance.
- Specially designed to meet fluctuating & seasonal loads.
- Uniform & trouble free water distribution system.



### UA Coolers

- Copper tubes / aluminium fin for R22 & modern equivalents.
- Stainless steel tubes for ammonia.
- Fin spacing 6,4,3,2 Fpi.
- Option for SS Casing / G.I. Casing & various Defrost arrangements.



### Humidifier

- Suitable for 250 MT & 500 MT product storage capacity.
- Capable of maintaining humidity levels between 95-98%.
- Option of control panel for humidity control is also available.



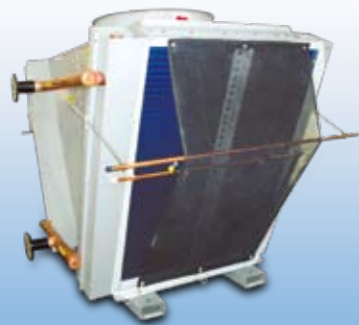
### Cleanable Coolers

- All the above types can be designed to meet most hygiene requirements.
- For food preparation & handling.
- Our Units may be modified to incorporate.
- Non - corrosive materials & Enhanced access to hygiene area such as drain pans.



### Special Heat Exchanger for

- Turbine air cooling application
- Dehumidification
- Steam coils
- Gas Condensation



### Eco-mesh Evaporative Cooling Application

- Reduction in plant running cost.
- Low water consumption on demand.
- Ideal for peak temperature in hot summer.
- Minimum risk of legionella.
- Almost zero maintenance.
- Short payback period.
- Possible retrofit for under – sized condensers
- No permanent fan pressure penalty.



### Condensing Units

- Condensing units with Bitzer Compressors
- Available for Modular cold room applications.
- For Bulk milk cooling application



### Dry Fluid Coolers

- Copper tubes / aluminium fin suitable for water, glycol & oil.
- Various options of Al fins coating i.e. Heresite, polyester coating, electro-tinned copper fins.
- Flexible configurations to suit most locations with almost zero maintenance.
- Fitted with high efficiency aerofoil fans & motor to run at various speed options.



### Freezertech (Plate Freezers)

- Capacity ranges from 250 Kg to 2400 Kg.
- Sea water resistant aluminium plates routed with single or multiple pass set up
- Stainless steel headers & hoses for longer operating life.
- Low freezing and maintenance cost.

# ★ ★ Star Coolers & Condensers Pvt Ltd



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## Our Regional Sales Offices

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

