



**Frick India Limited**

[www.frickweb.com](http://www.frickweb.com)

You still can't Beat the System when it's all FRICK INDIA

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**FRICK INDIA AT A GLANCE**

*60+ YEARS LEGACY*  
*EXPORTED IN 50+ COUNTRIES*  
*4,22,514 SQ. FT. STATE OF THE ART*  
*MANUFACTURING UNIT*  
*11 LOCAL BRANCH OFFICES IN INDIA*

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**ALL SOLUTIONS UNDER ONE ROOF**  
 Our approach to meet clients' need for end to end solutions



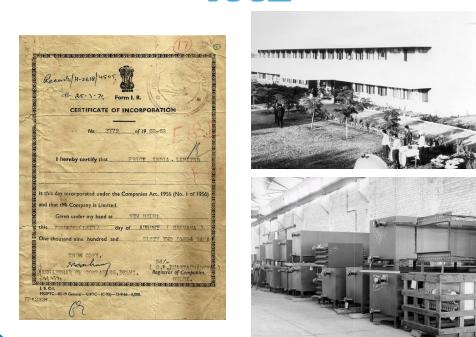
CONCEPTUALIZATION      MANUFACTURING      IMPLEMENTATION

DESIGNING      MANUFACTURING      INSTALLATION & COMMISSIONING      SERVICING      AUTOMATION



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**INCORPORATION OF THE COMPANY**  
**1962**



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**ABOUT US**

- FRICK INDIA LIMITED – The Largest Equipment Manufacturer and Turnkey Solution provider for all Industrial Refrigeration applications, since 1962.
- On line Total Energy Management System (TEMS) for Industrial refrigeration applications.
- Quality Management System ISO 9001:2015, ISO 14001:2015; ISO 45001:2018 and ASME – "U" Stamping certification for Pressure Vessels.
- Recognized internationally and has been member of IIR, ASHRAE, AAR, IDA and HTRI.
- Whole range of equipment for Industrial Refrigeration Applications.
- Frick India Microtech System (FIMS) for efficiency and energy saving.
- Energy efficient and reliable refrigeration systems in India and exported in 50 other countries across the world.



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**FRICK INDIA ADVANTAGES**  
**ALL SOLUTIONS UNDER ONE ROOF**



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**AIR COOLING UNITS**

'S' Series Frigid Coils  
Capacity Range: 17.2 kW to 99.1 kW  
(4.9 TR to 28.23 TR) @ 7°C TD



'A' Series Frigid Coils  
Capacity Range: 18.3 kW to 108.4 kW  
(5.21 TR to 30.88 TR) @ 7°C TD

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**EVAPORATIVE CONDENSERS**

Evaporative Condensers  
Capacity Range: 74 kW to 2830 kW  
@40 Deg C SDT & 28 Deg C WBT



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**HERMETIC PUMP & OVER FEED SYSTEM**

Ammonia Pumps  
Capacity Range  
Open Type: 7 to 14.2 CMH @30m Head  
Hermetic: 1.5 to 20.1 CMH @30M Head



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**LOW CHARGE AMMONIA SYSTEM**

**Features & Benefits**

- It is environment friendly, having zero GWP and zero ODP.
- Its excellent thermodynamic properties ensure good energy efficiency and performance, as well as ammonia's abundance and ease of use at low costs.
- Ammonia, which has traditionally been considered highly toxic and can pose a risk to human health if released, has become safer with low-charge ammonia systems that reduce its charge.
- This is a packaged system that can be assembled quickly and fairly inexpensively.



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**PILLOW PLATE TECHNOLOGY**

Frick India Pillow Plate consists of two stainless steel sheets that are laser welded together by welding on the underside of the plates. The underside of the pillow plate is fully laser welded to create a pressure boundary. Our high-speed laser welding unit is combined with our in-house laser cutting capability up to 1500 x3000 mm. We inflated the pillow plate by using nitrogen, which will guarantee no impurities and no rusting in the long run. Depending on the application, other inflation processes can also be used.



**Applications**

- Bulk milk coolers
- Air heater steams
- Heat exchangers
- Air Heater Oil
- Jacketed Tanks
- Steam-air heat exchanger
- Cooling and heating of beer tanks
- Cooling and heating of water tanks
- Cooling and heating process tanks
- Cooling and heating of conveyors
- Immersion plates
- Water heat recovery
- Heat banks
- Clamp on plates
- Cooling and heating plates
- Heat recovery units
- Falling film chillers
- ice storage
- ice banks
- Fuel-gas-air heat exchanger
- Heat pumps
- Steam-air heat exchanger
- Column reboilers
- Latent heat storage systems

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**PLATE CONDENSER**

**Inflated double embossing plates**

Casing and Plates are made of SS304 (2B finish, PVC coated)

Condenser plate will burst tested at 240 bar

Leak test at 40 bar with Nitrogen gas

Sustainable design to reduced energy & water usage

Plate Thickness is 1.2 mm as standard

Design Pressure 21 bar



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**LOGISTIC AND WAREHOUSE INDUSTRY**

**APPLICATIONS**

- Pre Chillers
- Water Chillers
- Blast Freezers
- Cold Storage
- Low Temp. Frozen Chambers





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**POULTRY AND MEAT INDUSTRY**

**APPLICATIONS**

- Water Chillers
- Pre Chillers
- Chilled Rooms
- Plate Freezers
- Blast Freezers
- Frozen Chambers





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**PHARMACEUTICAL & CHEMICAL INDUSTRY**

**APPLICATIONS**

- Chlorine Liquefactions (-18 Deg C)
- Propane Chiller for Natural Gas (-14 Deg C)
- Crystallization (-70 Deg C)
- Methanol Chilling (-55 Deg C)
- Acetone Chiller (-30 Deg C)
- Energy Recovery Steam Cooling (-30 Deg C)
- Chloro-Methane Extraction (-35 Deg C)
- Compressed Air Chillers (-3 Deg C)
- Acid Cooling (-30 Deg C)
- CO<sub>2</sub> Liquefactions (-35 Deg C)
- VCM Compressors
- API & Non API Compressor Units for Ammonia/Butane/Propane/LPG gases





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**SOME OF OUR ESTEEMED CLIENTS**



Food and Agriculture Industries

Fisheries and Sea Food Industries

Beverages and Brewery Industries

Dairy and Ice Cream Industries

Chemical and Pharmaceutical Industries

Meat and Poultry Industries

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**TRAINING & DEVELOPMENT**

Training and development are part of our culture at Frick India Limited. We provide regular training to our clients and their staff members in-house and on-site. The aim of these training sessions is to serve clients better.

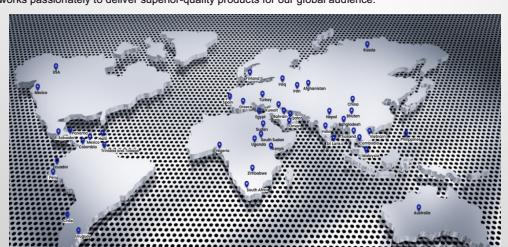




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**GLOBAL FOOTPRINT**

Our comprehensive geographic presence enables us to provide our customers with cost effective and high quality industrial refrigeration solutions. We exported products in more than 50 countries globally. Confirming our global acceptance and compatibility, we are also involved in consistent business across the globe. In order to cater to the ever-expanding demands of our global customers, our dedicated team works passionately to deliver superior-quality products for our global audience.



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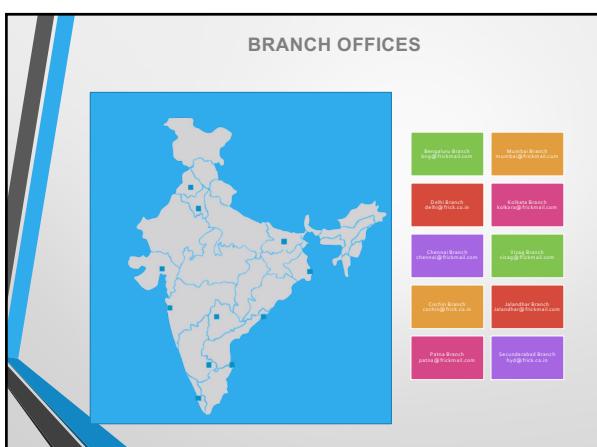
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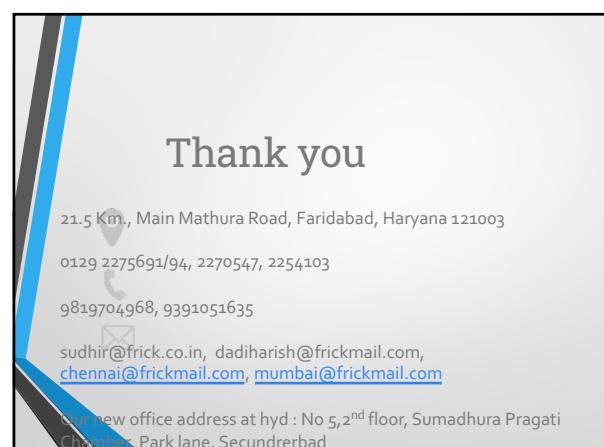
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