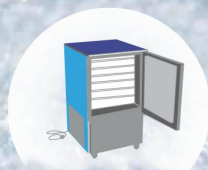
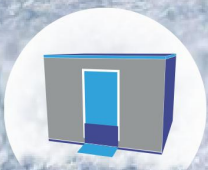
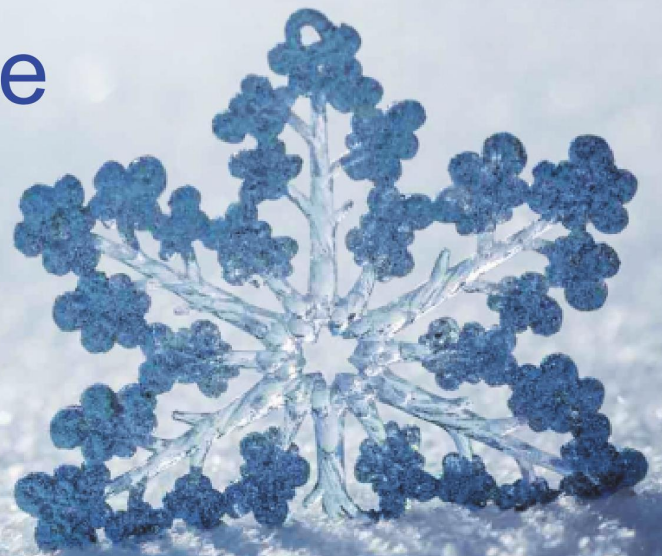


The
COOLING
excellence



Company Profile

Ice Make Refrigeration Limited Manufacturer & Exporter of Commercial & Industrial Refrigeration Equipment with HCFCs/HFCs refrigerants and Ammonia refrigerant and it has been successfully satisfying the needs of the customers since inception in 1993. It had a humble beginning trying to fulfill the requirements of refrigeration equipment, from its production to its after-sales service.

The vision to become a known leader in India of refrigeration equipment in terms of quality, price and service was clear. The three-tier policy of the company also embedded customer satisfaction with respect to product range and service network. For this, the company recruited efficient, qualified and dedicated human resource. Ice Make Refrigeration's objective is customer satisfaction and not profit.

We focus on excellence, the highest quality and to be leader in technology. We redefine quality day by day, continuously to provide world class products with services and settings higher and higher standard of customer oriented quality.

The word-of-mouth publicity of our satisfied customers has helped us not only to acquire new references but also to capture a significant market share in the industry.



From the desk of CMD

"The aim to become a known leader in India of refrigeration equipment in terms of quality, price and service is still on the way through our vision. This will bring its own set of challenges but we can achieve our ambitions if we remain efficient, productive and innovative. We must continue delivering the high-quality, integrity and excellent customer service our clients have come to expect from us"

We began humble journey three decades ago by taking up manufacturing of refrigeration equipment. Today we are happy to see Ice Make has grown to become one of the leading players in its industry space, preferred and trusted manufacturer and provider of Cooling Solutions to a diversified set of customers in the country.

Objective

Our objective is customer satisfaction over profit margin. The word-of-mouth publicity of our satisfied customers has helped us not only to acquire new references but also to capture a significant market share in the industry.

Mission

Dedicately produce high quality end-to-end customized cooling solutions for divers set of customers across the industries and consistently exceed customers' expectations through quality on-time delivery and after sales services

Vision

Create Ice Make Brand as an Industry leader in offering total cold chain and food processing solution with energy saving & eco-friendly products and excellent after sales service

Commitment

We are committed to quality, integrity and excellence in all areas of business. We pledge to monitor our performance as an on-going activity and strive for continual improvement, through enhancing skills of all employees through training and motivation.

Quality

Top Rated components and best in class materials are the foundation of every equipment we build. Our highly qualified and experienced staff of engineers, designers and technicians ensure you receive the highest quality products every time.

Efficiency

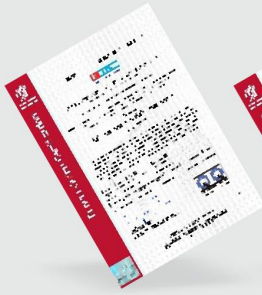
Our dedicated refrigeration facility of manufactures of products situated at Ahmedabad, Gujarat & Chennai, Tamilnadu and distributes refrigerated products covers pan India network resulting in faster, simpler and more efficient business operations.

Innovation

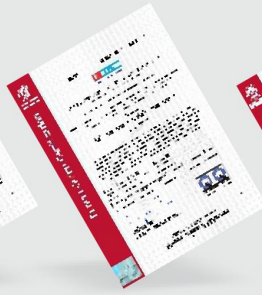
We are listening! At Plant, our customers drive innovation at every turn. Visit our plant, R&D lab and see how we can assist you to achieve customized display objective.

Trust

Our nation reputation for independence and integrity enables us to build trust wherever needed. We achieved sustainable business growth by value creation through hard work and maintaining trust and respect of the clients and stakeholders.



An ISO 9001 : 2015 Certified for Quality Performance



ISO 45001:2018 Certified for Health & Safety



AN ISO 14001 : 2015 Certified for Eco-friendly Environment Working Atmosphere



CRISIL Certified NSIC - CRISIL MSE*1 for Excellence

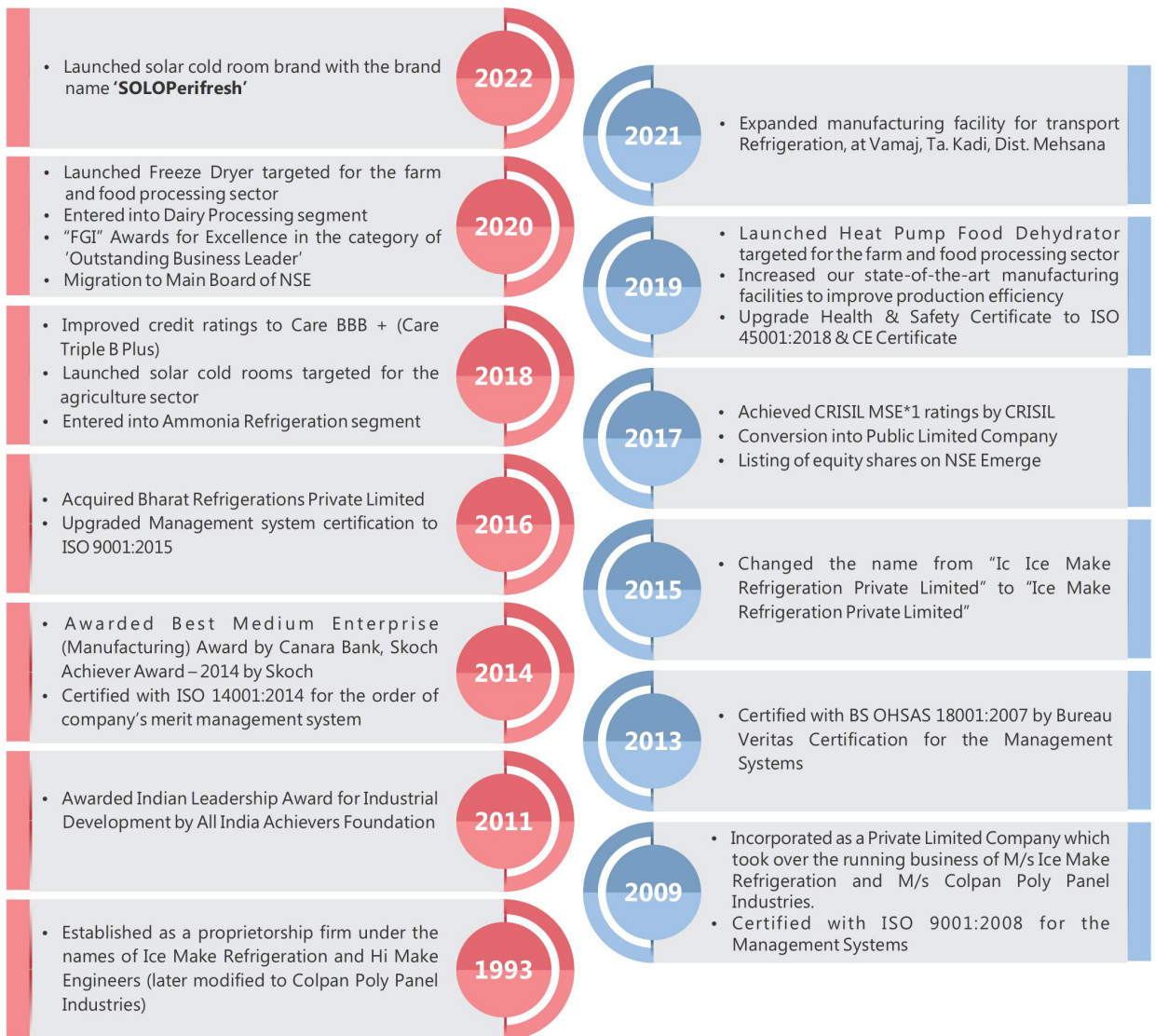


CE Certificate



Accomplishments Over The Years...

"It all started three decades ago from a small business, who manufactures refrigeration equipments. Now Ice Make Refrigeration Limited has become leading player in refrigeration industry. Today we are most trusted manufacturer providing cooling solution to a diversified set of customers in India"





Ice Make Refrigeration Limited - At A Glance

1993

Year of Inception

30+ Years

Promoter's Experience In The Cold Chain Industry

3

Manufacturing Facilities At Gujarat and Tamil Nadu

50+

Product Basket

584

Employee As On March 31, 2022

365 Days

After Sales Service

65+

Business Associates

28000+

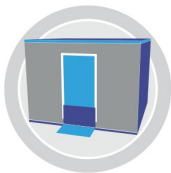
Satisfied Clients

24+

Countries We Export



Our Business Vertical



Cold Room / Storage

- Cold Room PUF Panels (Discontinuous Type) 60, 80, 100, 125 & 150 mm
- Cold Room Door
- Solar Cold Room
- Glass Door Display Chiller
- Condensing Unit (Air/Water Cooled)
- Evaporator Unit
- Control Panel for Cold Room
- Curd Incubation Chamber
- Ripening Chamber
- Pre-Cooling Chamber
- Blast Freezer & Chiller



Ammonia Refrigeration

- Turnkey Projects for Cold Stores
- Water Chillers for Dairy
- Glycol Chillers for milk deep chilling for dairy
- Glycol chillers for beverage plants
- Glycol chillers for brewery plants
- Water Chillers for Pharma
- LP Receivers with Ammonia Pumps for retrofit plants
- Ice Accumulating Coils
- Atmospheric Condensers



Industrial Refrigeration

- Water Chilling Plant
- Brine Chilling Plant
- Oil Chilling Plant
- Air Chilling Plant
- Ice Building Tank (IBT)



Commercial Refrigeration

- Ice Cream Mix Plant
- Batch Pasteurizer
- Ageing Vat
- Bulk Milk Chiller
- Ice Candy Production Machine
- Ice Cream Hardener (Static/Tunnel Type)
- Mini Blast Freezer & Chiller
- Heat Pump Food Dehydrator



Transport Refrigeration

- Refrigerated Container (GRP)
- Refrigerated Van - Eutectic (GRP)
- Dry Insulated Container
- Bunk House

Cold Room

Ice Make is a leading manufacturer and supplier of highly efficient Cold Room and Storage that is easy to operate and better in performance. This tailor-made product range is built with premium quality range of material in standard size and customized specification to fulfil the customer needs. These Cold Rooms are well insulated, highly efficient and precise designed to cater to a wide temperature range from +15 °C to -40 °C and PUF Panel thickness 60, 80, 100, 125, 150 mm.

Application

To Store all perishable foods.

Sliding Door



We offer sliding door

Width : 1000 / 1200 / 1500 / 1800 mm
Height : 2100 to 3000 mm
Thickness : 80 mm

Features

- Fully Customized & Portable
- High ambient refrigeration design
- Most durable
- Homogeneous PUF density
- All Side PVC Gasket
- Wall to Top Cam-Lock
- Different material of construction
- Easy to assemble and dismantle



Ammonia Refrigeration

Ice Make manufactures products with HCFCs and HFCs refrigerants and now offers equipment and projects based on natural refrigerant - Ammonia.

We extend our services into designing, engineering, assembling, fabrication, installation, testing and commissioning with best quality after-sales services for ammonia based water chillers for Dairy, Pharma and Beverage Industries, Glycol chillers for Dairies, Breweries and Pharma Industries, Brine Chilling Plants for Breweries, Pharma, Chemical and allied Industries using Reciprocating as well as Screw Compressors, Shell and Tube, Shell and Plate as well as Plate and Frame PHE Chillers and Shell & Tube, Atmospheric, PHE as well as Evaporative Condensers with in-house manufacturing capability for Atmospheric condensers, Shell and Tube evaporators as well as Condensers.

We will also be able to extend all above services for ammonia based large cold stores for storage of Milk & Milk products and blast freezing & hardening chambers for Ice Cream, Meat, Poultry, Paneer, Cheese and Butter etc.

We offer

- Turnkey Projects for Cold Stores
- Water Chillers for Dairy
- Glycol Chillers for milk deep chilling for dairy
- Glycol chillers for beverage plants
- Glycol chillers for brewery plants
- Water Chillers for Pharma
- LP Receivers with Ammonia Pumps for retrofit plants
- Ice Accumulating Coils
- Atmospheric Condensers



Solar Cold Room with TES technology

Ice Make Solar Cold Room is a Hybrid Cold Room designed to use throughout the year, even when there is no sunlight. This Solar Cold Room can be used with the alternate power source during the absence of Sunlight i.e. Electric Power and/or DG Power.

Stand-alone Solar Power is one of the best solutions for operating small cold storage system in rural areas where there is certain limit of power load. Solar energy based refrigeration system is quite relevant to Indian weather because it is blessed with a good amount of solar energy in most parts of the country, throughout the year.

Product capacity: 2MT and above

Temperature range of 4 °C and above*

Thermal energy Battery backup up to 30 hours

IOT enabled Predictive Maintenance

Grid/DG Hybrid: Can run on grid/dg in non solar days

Even can run during the hours of low sunlight using Inverter Tech

Features

- 24 Hours Backup (No Door Opening)
- Low Maintenance
- Solar Powered Standalone
- Grid & DG Set Hybrid
- No Battery for Refrigeration
- No Running Cost on Solar Supply
- Portable-Easy to Shift



Glass Door Display Chiller

ICE MAKE Glass Door Display Chiller are suitable for super market and retail shops to preserve and display dairy items, cake-pastry, chocolates, beverages, fruits & vegetables, flower, medicines etc. These glass door display chiller are designed and developed with utmost eminence in accordance with the defined parameters of the industry and emerging market demands this classic design combined with up-to-date technology enable timeless and functional display solutions that enable high-quality product presentation. These display chillers are divided into two sections to keep a variety of items as display and storage inside.

Temperature : + 2 °C to + 8 °C

Glass Door Opening Size : 711 mm X 1840 mm

Glass Door Frame Size : 1401 mm x 1840 mm

Single Door Opening Size : 600 mm X 1720 mm

Features

- Large Storage with Better Display Area
- Customized size
- Temperature retaining
- Easy maintenance
- Energy efficient
- Easy assemble & dismantle



Refrigeration System

Ice Make refrigeration systems are the optimized combination of efficiency, reliability, easy installation and sound performance in application such as milk cooling tanks, cold rooms, blast freezer/chiller, glass door display chillers and other refrigerated warehouse. smart design and components save you valuable time and money while making your production even more efficient and with the minimum impact on the proximity.

Condensing Unit Features

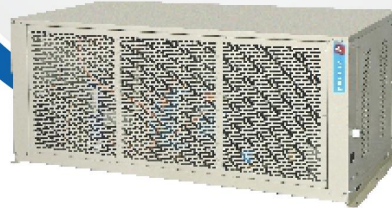
- High cooling with low power consumption
- Designed for high ambient condition up to 55°C
- Condensing coil with inner grooved copper tubes & aluminum fins
- Efficient fans with external motors for single phase and three phase
- High & low pressure cut-out including mounting brackets, wired to terminal strip
- Large size filter drier, moisture indicator, solenoid valve, oil separator and accumulator
- Shell & tube type condenser with high cooling capacity for high ambient conditions



Slim Type



Screw Type



Air-cooled & Water-cooled Type

Rack System - An Advance Refrigeration Technology

- It has advanced power saving system compared to normal refrigeration system
- Rack system will work as per product load variation



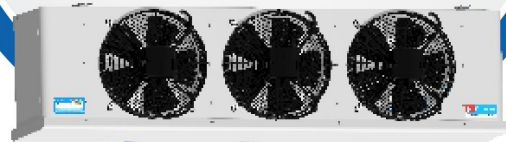
Water-Cooled



Air Cooled

Evaporator Unit Features

- Fan - High reliability, low-temperature resistance and low noise external rotor fans
- Coil - High efficiency heat exchange with in-line tube system for minimum loss of air flow between fans and large surface area for better cooling
- Defrost - Electrically heating stainless steel pipe is used for long life and it is also leak proof
- Unit Body - Aluminium, PU type Powder Coated, Corrosion resistant and nice appearance body
- Maintenance - Compact, adjustable & easily openable side panels for easy installation



Evaporator Unit

Control Unit

Features

- Phase Preventing
- HP/LP
- Over/Under current protection
- High-Low temperature alarm
- Quick freezing option
- Door alarm
- All type of trip alarm & Record date
- Available in Air & Water cooled system



Dehumidifier

Our portable dehumidifier provide low humidity conditions necessary to maintain a dry environment. It's a simple solution to an old problem. Our Dehumidifier works by forcing condensation on cold surfaces. Humid air is drawn over cooled fins that makes moisture condense on the large cool surface. The condensation is allowed to drain from the fins into a collection tank or is piped to a suitable drainage. Cooled dry air passes through condenser coil and again heated to desired temperature to maintain low relative humidity.

Application:

- Sweet storage
- Seeds storage
- Dehydrated product storage
- Bakery product storage and many more

Capacity	Moisture condense capacity (@ 30 °C & 80% RH) (L/day)	Moisture condense capacity (@ 20 °C & 60% RH) (L/day)
Model -1	44	16
Model -2	101	37
Model -3	162	60
Model -3	294	112

Features

- Auto cut-off according to set RH value
- Automatic defrost
- Continuous Drainage Option Or water collecting tank
- Top air flow



Chilling Plant

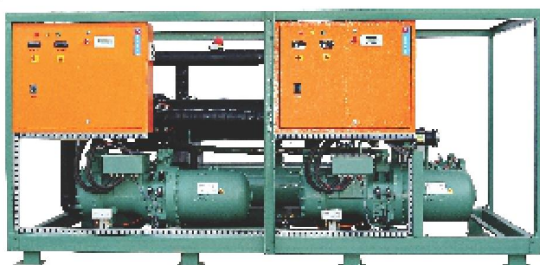
Ice Make is a leading refrigeration company dealing with various kind of industrial chillers for end to end solutions. We are committed to provide best solution to customers, which fulfill their needs. We have a wide range of air cooled & water cooled chillers. The range of our chillers is 2 TR to 200 TR. Ice Make chillers are ideal for various industries like pharmaceuticals, plastics, foods & beverages, dairy & milk processing, chemical industries etc.

We provides the solutions,

- Scroll Compressor Chillers - Air Cooled & Water Cooled
- Screw Compressor Chillers - Air Cooled & Water Cooled
- Glycol Chillers - Air Cooled & Water Cooled
- Air Cooled Chiller - Online & Offline
- Air Chiller

Capacity: 2 Tr to 200 Tr

Temperature: +20°C to -25°C



Features

- Availability of Customized Solution
- Eco-friendly Refrigerant
- Wide Range of Water/Glycol Temp. (+15°C to -25°C)
- Closed Circuit operation
- Modular Design
- Easy operation & less Maintenance
- Compact in size



Refrigerated Container – GRP

We offer GRP based refrigerated container made by high grade composite material consisting of polyester resin reinforced with glass fibre matting. This material has an exceptionally low thermal conductivity with other appealing characteristics including light weight, robust, high stability & long life, corrosion resistant, easy to maintain, energy (fuel) saving due to light weight.

We manufacturer of best quality refrigerated container for transportation with temperature range +15 °C to -25 °C of perishable foods on all type of vehicle as small, mini truck and heavy loading truck.

Features

- Low Weight
- High Strength
- Better Insulation



MS CORRUGATED REFRIGERATED CONTAINER

Ice Make MS Corrugated Refrigerated Container are Designed for maximum impact resistance, Robust in construction yet light in weight and Uniform weld with minimum distortion.



Eutectic Mobile Container

ICE MAKE Eutectic Mobile Container is designed for multi-deliveries of Ice cream, Frozen Foods, Bakery Products and Fruits & Vegetables distribution.

ICE MAKE - Eutectic Systems are built to operate in vehicles that have been suitably insulated for fresh and frozen produce transportation. The Eutectic Plates are mounted inside a chamber which is separate from the main load system. The product inside the storage compartment is cooled as per required temperature either for Frozen Application (-24°C) or Chilled Application (+2°C to +8°C) by the PCM pads.

The connected power supply to charge should be 3 phase

Features

- Minimum Maintenance
- No Load On Vehicle Engine
- Lower Operating Cost
- Highly Reliable
- Substantial Power Saving
- No Emissions



Dry Insulated Container

Defination:

Ice Make's Dry Container is designed with the customer's needs in mind, it is made strong but lightweight materials to maximise payloads and to ensure the safe transport and delivery of goods.

Application

- Bakery Product
- Florist
- Beverages
- Sweets & Namkeen
- Herbs & Spices
- Hotels & Caterers
- Dairy Products (Secondary transport of Milk, Buttermilk, Lassi etc.)
- Fresh Fast Food items like Samosa, Kachori, Pizza etc.

Features:

- Leak Proof
- High Strength
- Low Fuel Consumption



Ice Building Tank

IBT is a system, which stores energy in the form of ICE.

Our Ice Building Tank is applicable in Dairy Industry for quick process in short time with certain limit of power load.

Advantage

- Requires Less connected power load
- The ice water intensively cools the product without any risk
- Power supply is not required once Ice Formation is Completed
- No requirement of Cooling Tower and Water Supply (For Air Cooled type)
- Wide capacity with Storage tank upto 1,00,000 Ltr. / 33,000 KG ice formation per day
- Cooling energy storage capacity upto 900 TR/Day

Features

- No Need of Civil & Fabrication Work At Customer Site
- Easy To Lift & Shift
- 40% Energy Efficient
- Better Insulation

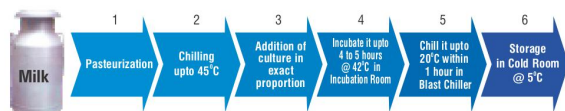


Curd Incubation Chamber

We provides fully automatic combo type incubation chambers for curd with heating and cooling both process together in a single chamber. Curd / Yogurt known for its characteristic, sweet-tart taste and semi solid consistency. It is also religiously as well as scientifically proven good for health.

But - We can't retain its taste and quality equal due to variations in Indian weather conditions and slight deviations in procedure.

So, as a solutions, Ice Make provides you exact methodology with appropriate temperature conditions on basis of our wide experience and some expert's advice.



Our quality incubation is for healthy curd

- Model :** Static Type & Portable Type
- Incubation Capacity :** 360 to 4000 Ltr
- Incubation Temperature :** +40 °C to +45 °C
- Blast Chilling Capacity :** 150 to 1500 Ltr
- Blast Chilling Temperature :** -5 °C to +8 °C (optional)
- Application :** Curd Incubation



Bulk Milk Chiller

The most important part of a milk collecting center is the bulk milk chiller (BMC). When the milk is extracted, it is at around 37°C. If the milk continues to remain at room temperature after extraction, bacterial growth will affect the quality of the milk. The BMC is meant to cool the milk to essential temperature in a prescribed time. The BMC is available in different shapes and sizes depending on the amount of milk to be cooled and the system of cooling.

We offer Bulk Milk Chiller is used to cool the milk at 4 °C to maintain the freshness of milk with capacity from 250 Ltr to 5000 Ltr. An efficient evaporator (Dimple Jacket) ensure quick cooling and space saving installation. The tank is insulated to maintain the temperature and is provided with an agitator for uniform distribution and cooling of milk.

Application: Cooling & Maintaining milk quality

Capacity: 250 to 10000 Ltr.

Temperature: 4°C

Features

- Faster cooling owing to direct expansion
- Robust design
- Durable tank made of AISI 304 SS
- Hermetically sealed compressor
- Digital temperature controller
- Occupy minimum space
- Energy conscious
- Designed to be user-friendly



Ice Cream Mix Plant

ICE MAKE offers a complete range of equipment for ice cream mix preparation for small and medium scale especially designed mix plant unit.

Producing ice cream mix requires a high degree of flexibility and efficiency, with the need to handle a variety of dry and liquid ingredients, adapt to seasonal demand fluctuations and create an innovative and varied product portfolio. Successful mix preparation requires knowledge of many different aspects of production, including freezing, handling, homogenization and pasteurization as well as an understanding of how these processes affect your ingredients. To ensure the highest quality ice cream without compromising integrity, uniform mixing of dry and liquid ingredients requires optimal dispersion and operational efficiency. Temperatures and timing along with precise control and gentle handling is critical to safeguard product quality.

Capacity: 100 to 2000 Ltr.

Features

- Simple operation
- Compact in design
- Easy to install
- Well engineered and reliable
- Clean in place washable



Ice Cream Mix Process Plant





Batch Pasteurizer

Pasteurization is a process of heating treatment to kill disease-carrying germs in milk and ice cream mix without affecting their nutritional and natural qualities. After heating, the milk or ice cream mix remains at a high temperature for the time required to kill all germs and then quickly chilled to store at 4°C.

Ice Make Batch Pasteurizer is an electronic pasteurizer that can be used to heat milk and ice cream mix. This Batch Pasteurizer is easy to use, simple to manage and ideal for milk plants and ice cream manufacturing plants. Its jacketed stainless steel pan gives better control over heating. Steam from the boiler heats the space between the outer jacket and inner pan to give more uniform heating and avoid localized burning of the product. Also it is fitted with an agitator for constant mixing.

Application: To pasteurize milk and ice cream mix

Capacity: 100 to 2000 Ltr.

Temperature: 80°C

Features

- Reduces total bacterial count
- Improved distribution of flavouring and colour
- Melting and uniform suspension of fats in the mixture
- Hydrates proteins & stabilizers, if dried ingredients are used
- Large volume of milk can be processed continuously
- Automatic precision control assures effective pasteurization
- The equipment requires a relatively small area of floor and plant space
- The closed unit keeps the processing losses to a minimum



Ageing Vat

Ageing Vat is used to cool down ice cream mix and to maintain temperature of around 4°C. Slow stirring allows the complete ageing of the ice cream mix.

Ice Make Ageing Vat keeps the mix well blended, prevents separation of the ingredients and increases the thickness of mix, which in turn improves flavour, creaminess, texture, overrun and melting resistance of ice cream. Ice Make Ageing Vat is essential to prepare large quantities of mix for the top quality fresh ice cream.

Application: To pull down ice cream mix temperature.

Capacity: 100 to 2000 Ltr.

Temperature: 4°C

Features

- Compact design
- Easy operation & user-friendly
- Automatic precision control assures quality aging of mix
- The equipment requires a relatively small amount of floor and plant space
- The closed unit keeps the processing losses to a minimum



Ice Candy Production Machine

We manufacture wide range of ice candy production machine using high quality material & advanced technology which is to be used for the production of Ice Candies.

Our machine is designed for use where space is limited but high production capacities are required, all the variants are developed and built for easy to use. The production capacities changes depending on the moulds, but quality and flexibility remains the same.

Application: To produce Ice Candy, Roll cut Ice cream

Mould Capacity: 4 to 40

Candy Capacity: 192 to 1920 per hour

Temperature: -26 °C to -30 °C

Defrosting cum Choco Coating Tank

We offer single and double mould tank, our defrosting tank is used to defrost the candies from the mould and choco coating tank is used to make uniform layer of choco on each candy.

Application:

- For uniform demoulding of candy from mould
- Making uniform layer of choco on each candy of mould

Mould Capacity: 1 & 2

Temperature: +30 °C to +50 °C

Features

- Solid waste free clean brine due to brine filter
- Beltless agitator
- Well designed for brine circulation to maintain uniform temperature



**Ice Candy
Production Machine**

**Defrosting Cum
Choco Coating Tank**

Ice Cream Hardener

We offer a superior hardening system backed by advanced and innovative engineering. Our hardener is static type and tunnel type and it is used to hard ice cream, ice candy and frozen food in certain time.

Static type: The static type hardener is design for easy to use and maintain.

Application: Ice Cream / Ice Candy & Frozen Food Hardening

Temperature: -22 °C to -26 °C

Capacity: 200 and 320 Ltr

Pull Down Time: 6 to 8 Hrs approx.

Tunnel type: The tunnel hardener is design to optimized airflow and minimize energy consumption.

Application: Ice Cream / Ice Candy & Frozen Food Hardening

Temperature: Heavy Duty: -26 °C to -30 °C
Cascade Type: -26 °C to -40 °C

Capacity: 450 and 2100 Ltr

Hardening Time:

- Ice Candy-15 minutes
- Ice cream Cup & Cone-45 minutes
- 1/2 Ltr Family Pack-1.3 hrs
- 1 Ltr-2.0 hrs
- 4 Ltr Bulk-4 hrs
- 20 Ltr Nali-6 hrs



Blast Freezer / Chiller

Ice Make Blast Freezer/Chiller are the essential system to extend the shelf-life of food by instant chilling/freezing. These machines are designed to meet customer's requirement to improve quality and organization of the work in hotel-restaurants, confectioneries, bakeries and ice-cream industries. These

machines are design to meet the hygiene standards, preserving the quality of food, and reducing food wastage.

Applications: Multi-Door Design is effective when freezing or hardening of Products - ice cream, meat, chicken, ready to eat food are done with storage in crates and trolley

Temperature: -25°C to -38°C

Capacity: 200 to 2000 KG

Features

- Ideal for small and medium Ice cream and bakery industries.
- Precision temperature control with auto defrost cycle.
- Optimum refrigeration design, to rapidly achieve -35°C temperature.
- High density and thick PUF insulation



Mini Blast Freezer / Chiller

Ice Make Blast Freezer/Chiller are the essential system to extend the shelf-life of food by instant chilling/freezing. These machines are designed to meet customer's requirement to improve quality and organization of the work in hotel-restaurants, confectioneries, bakeries and ice-cream shops. These machines also help food meet the hygiene standards, preserving the quality of food, and reducing food wastage.

Applications: to freezer/chill Hotel & Restaurant foods, Bakery & Confectionaries items, ready to eat foods and Ice Cream

Pull down time/Temperature:

- Chiller: 90 Minutes (From +70 °C to +10 °C)
- Freezer: 4 to 5 Hrs (From +10 °C to -18°C)

Capacity: 50 & 100 KG

Benefits

- Reduce the deterioration of products during the freezing process
- Increase the shelf life of the food product
- Maintain food quality including flavour, texture, colour, aroma and nutrients
- Save money by making use of seasonal and bulk offers
- Save labour by enabling larger batch production
- Reduce waste of less used products and preserve for later
- Add new products to menu
- Be prepared and store during less busy periods



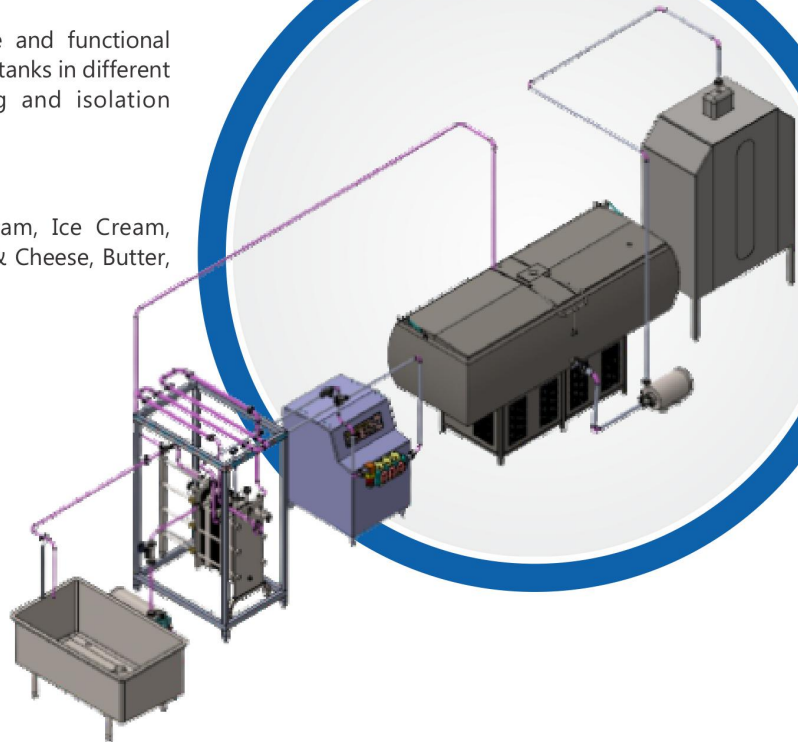
Dairy Processing Plant

Milk Processing Plant offers simple and functional solutions. We produce stainless steel tanks in different specification like heating, cooling and isolation according to needs in Milk.

Applications

Milk, Curd, Buttermilk, Lassi, Cream, Ice Cream, Flavored & Chocolate Milk, Paneer & Cheese, Butter, Ghee

Capacity: 200 LPH TO 20,000 LPH



Milk Pasteurizer

Ice Make Pasteurization is design to the process of heating milk and then quickly cooling it down to eliminate certain bacteria. The purpose is to make the product safe for consumption and to lengthen product shelf life. Ice Make supply the best quality product by using effective manufacturing technology by following good standards. These are available at good market prices.

Multipurpose Plant

Hot Water / Steam Temperature Program:

4/30 - 45/55 - 70/72 - 80/90 - 4/45 °C

Daily Milk Handling Capacity:

200 to 20,000 ltr/day

Product Range:

Milk, Paneer, Curd

Benefits

- Highly Durable
- Good Quality Raw Material
- MOC AISI (304, 304I, 316, 316I)
- Reliable & Optimal
- Excellent Finish
- Affordable Price



Milk Silo

With the assistance of our professionals, we are proficient in providing HMST and VMST MilkStorage Tank. HMST and VMST are insulated tanks, used for storing chilled milk at milk Chilling centres.

Due to its good design and insulation, the temperature of the milk is maintained and the milk is held in it until further processing. Due to their easy operation and longer operational life, these equipment are highly admired in dairy industry.

Benefits

- Low maintenance
- Easy installation
- Longer service life
- Maintains stored milk temperature for up to 24 hours
- Sturdy construction
- Corrosion resistant
- High tensile strength



Horizontal



Vertical

Heat Pump Food Dehydrator

A device that transfer heat from a colder area (ambient temperature) to a hotter area (drying chamber) by using mechanical energy (refrigeration technology)

Benefits:

- Premium Drying Quality
- Hygienic & Easy to Operate
- Exact Control of Temperature and Humidity
- PLC Base Controlling
- Retain High Nutrition
- Highest Efficiency in Drying
- Occupies Minimum Space

Features:

- 1. Energy saving & Environmental protection**
Saving operating cost, No Heat Loss (insulation chamber and recirculation of hot air), low noise
- 2. Exact control of temperature and humidity**
According to different material require different drying temperature, Heat pump can control drying Temperature between 30 to 75 °C and relative humidity below 25 %

Capacity: 20 to 3000 KG/batch

Application

- Drying of,
- Fruits
 - Vegetables
 - Agriculture Product
 - Herbs
 - Sea Food
 - Cooked Food



Freeze Dryer

Freeze-drying is a low temperature dehydration process that involves freezing the product, lowering pressure, removing of ice (moisture) by sublimation, transitions of the substance from solid state to vapour without passing through the intermediate liquid phase. Freeze drying results in a high qualitative product because the entire process is performed at low temperature and pressure by applying vacuum, below triple point. The original shape of the product is maintained and quality of the rehydrated product is excellent.

The Purpose of freezing to

- Reduce the vacuum time from atmospheric to desired pressure
- Prevents Shrinkage (retention of form)
- Prevents concentration of solids

Salient Features

- Instant Rehydration Ratio
- Can be stored for 25+ years without losing taste or nutrition value
- Better Controlling & Automation
- Retain to the greatest possible, original shape, colour, taste, texture and nutritional value
- Chemical decomposition is minimized
- Removal of water without excessive heating of product

Capacity : 30 to 2000 kg/day



Application



Ripening Chamber

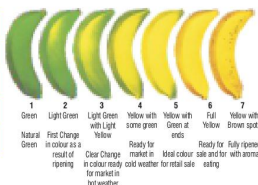
Ice Make Refrigeration Limited provides most advanced fruits ripening rooms for fruits like mango, banana and papaya. We provide forced draft cooling system for uniform ripening of fruits even in large capacity rooms. We use blended gas system for the purpose of ripening which is acceptable as per universal standard. With our system, client has unique advantage of controlling ripening cycle from four to fifteen days! We provide precise gas monitoring system for better storage life of the produce.

Features

- Microprocessor controlled and compatible with computer
- Low Cost and light weight, constructed with PUF-panels
- Low investment and maintenance cost
- Easy to commission, Swing or Sliding door
- Ripening capacities from 5 tons to 25 tons for each chamber
- Moveable from one site to another and expandable
- Controlled levels of Ethylene, CO₂, Temperature, humidity & time
- Energy efficient, uniform and quality ripening
- Ripening chambers are reliable with energy-efficient refrigeration units

Daily Ripening Chart

8 Days	14.5°	14.5°	14.5°	14.5°	14.5°	14.5°	14.5°
7 Days	15.5°	15.5°	15.5°	15.5°	14.5°	14.5°	14.5°
6 Days	16.5°	16.5°	15.5°	15.5°	14.5°	14.5°	14.5°
5 Days	16.5°	16.5°	16.5°	16.5°	15.5°	14.5°	
4 Days	18.0°	18.0°	16.5°	15.5°	14.5°		
	Days 1	Days 2	Days 3	Days 4	Days 5	Days 6	Days 7



Daily Ripening Chart



Project Details

Cold Room Projects:

- 1. Akshay Seed Industries**
Product: Seed
Product Range: Cold Storage
Storage Capacity Approx.: 2500MT
Location: Junagadh, Gujarat
- 2. College of Food Technology**
Product: IQF along with Pre-processing Line
Application: Blast Freezing
Storage Capacity: 50 Kg / Hr.
Location: Sardarkrushinagar, Dantiwada, Gujarat
- 3. Project Name: Swaraj India Industries Ltd.**
Product: Butter, Dairy Product like Butter & Ghee
Product Range: Blast Freezer and Cold Storage
Storage Capacity: 130 MT
Location: Satara, Maharashtra
- 4. Fortune Dairy Industries Pvt. Ltd.**
Product: Butter, Dairy Products Like Ice cream, Butter, Milk, Curd
Product Range: Blast Freezer, Blast Chillers & Cold Storage
Storage Capacity: 100 MT
Location: Pune, Maharashtra
- 5. Best Foods Marketing Pvt. Ltd.**
Product: Dates
Product Range: Cold Storage
Storage Capacity: 1550 MT
Location: Colombo, Sri Lanka
- 6. Pawanshree Foods International Pvt. Ltd.**
Product: White Butter
Product Range: Cold Storage
Storage Capacity: 400 MT
Location: Maksi, Madhya Pradesh
- 7. Sri Bala Sanka Mill**
Product: Dried Pulses, Tamarind
Product Range: Low Humidity Cold Storage
Storage Capacity: 250 MT
Location: Theni, Tamilnadu
Executed by Our Sister concern: Bharat Refrigeration Pvt. Ltd.

Ammonia Projects:

- 1. Baroda Dist. Co-Operative Milk Producers Union Limited**
Location: Vadodara, Gujarat - (Milk Processing)
- 2. Hooghly River Bridge Commissioners**
Location: Kolkata - (14,000 MT Potato Cold Store)
- 3. Surendranagar Dist. Co-Operative Milk Producers' Union Ltd. (Sursagar Dairy)**
Location: Surendranagar, Chotila, Patdi, Gujarat
(Milk Processing)

Ammonia Projects:

- 4. A B C Process Solutions Pvt. Ltd. (Banas Dairy)**
Location: Palanpur, Gujarat - (Milk Processing)
- 5. Magnam Netlink Pvt. Ltd. (Panchamrut Dairy)**
Location: Taloja, Maharastra - (Cold Storage)
- 6. Swaraj Milk and Milk Products**
Location: PipaliyaRaj, Vankaner, Gujarat - (Milk Processing)
- 7. Dharwad, Haveri, Gadag, Uttarkannada Dist. Co-Op Milk Producers' Societies Union Ltd.**
Location: Hirekerur Chilling Centre, Karnataka - (Milk Processing)
- 8. Dharwad, Haveri, Gadag, Uttarkannada Dist. Co-Op Milk Producers' Societies Union Ltd.**
Location: Gadag Chilling Centre, Karnataka - (Milk Processing)
- 9. Shiv Health Foods LLP**
Location: Kota, Rajasthan - (Cold Storage)
- 10. Haldiram Snacks Pvt. Ltd.**
Location: Noida, Uttar Pradesh - (Cold Storage)
- 11. The Panchmahal District Co-Operative Milk Producers' Union Ltd.**
Location: Chopda, Panchmahal, Gujarat - (Milk Processing)
- 12. Bhilwara Zila Dugdh Utpadak Sahakari Sangh Ltd.**
Location: Bhilwara, Rajasthan - (Milk Processing)
- 13. Sabarkantha District Co-Operative Milk Producers' Union Limited**
Location: Himmatnagar, Gujarat - (Butter Cold Store)
- 14. A B C Process Solutions Pvt. Ltd. (Sumul Dairy)**
Location: Surat, Gujarat - (Milk Processing)
- 15. Chandrakamal Milk & Milk Products Pvt. Ltd.**
Location: Dewas, Madhya Pradesh - (Milk Processing)
- 16. Bikanerwala Foods Pvt. Ltd.**
Location: Sonipat - (Frozen Project)
- 17. Gujarat Agro Mega Food Park**
Location: Surat - (Blast Freezer, Spiral Freezer, Frozen Cold Store)
- 18. Sumul Dairy**
Location: Surat - (Falling Film Chiller)
- 19. Abhyuday Techno Economic Consultant Pvt. Ltd.**
Location: Ahmedabad - (Ammonia Based Vacuum Freeze Dryer)
- 20. Vasudhara Dairy**
Location: Valsad - (Falling Film Chiller)
- 21. Goma Engineering Pvt. Ltd.**
Location: Mumbai - (Ammonia Based Skid Mounted Chiller)
- 22. Vidya Dairy**
Location: Anand, Gujarat - (Falling Film Chiller)



The desirable solution for every application

Ice Make offers services across 15 major industries through our five business verticals. Each business vertical develops and maintains world-class products to support the advance needs of our customers. Ice Make' Catering to several Industries few of them are mention here,

Ensuring safe, sustainable and high-quality products.



Agro Industry



Food Processing Industry



Horticulture / Floriculture Industry

Making manufacturing more productive and profitable



Dairy Product Industry



Ice Cream Industry



Logistic

Generating trust throughout the supply chain



Hotel - Restaurant



Hospitality Industry



Retail Outlet for Dairy - Ice Cream

Protecting the quality and edge of medicines



Pharmaceutical Industry

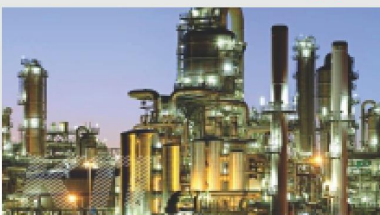


Biological



Research

Innovation, optimization and efficiency in everything from raw material to finished products. Powering processes from renewables to conventional energy



Chemical Processing Industry



Plastic Industry



Renewable Energy industries



Corporate Social Responsibility

Ice Make commitment to a sustainable future

Ice Make is committed to its Social Responsibility on a number of levels by the below principles:

iMGreen

- Product
- Plant
- Process

Sourcing with integrity

- Employee development and welfare**
- Community Support**

As the Industrial and Commercial Refrigeration Equipment runs 24X7 and 365 days a year its energy consumption is of increasing focus and the contribution of Mother Nature Is always a top priority on our minds so we always provide energy-saving & eco-friendly Top quality products.

The moderator and end user of the equipment can take comfort in knowing that the practical needs of an IceMake products are a given - along with assurances as to its professional business standards, accreditation and social responsibility.

Operating in a social and environmentally aware landscape is critical for all our futures and this we see as underscored by third party verification to systems, the business and product itself.

iMGreen is not limited to product design, but it covers our plant, manufacturing and management processes too.

iMGreen Plant

Ice Make holds 50 Kv PV Module Solar System, and it generate 230 Unit Energy per day. This investment has been made in energy-saving up-to 30% of total electricity bill per month. Also developed rain water harvesting system by percolating well that collect rainwater pours off the roof, down through the gutters and runs off aquifer by deep drainage.

iMGreen Manufacturing

IceMake holds ISO 14001 Environmental Management certification throughout its global operations for the design, manufacture, installation and servicing of refrigeration products.

iMGreen Management process

Staff are encouraged to think about sustainability at all times - to switch off equipment that's not being used, to avoid unnecessary use of resources such as paper, to order products made from recycled materials, and so on.

IceMake Believes in the philosophy of giving back to society. As part of corporate social responsibility, Multiple blood donation camps and tree plantation programs have been organized every year. Ice Make also support local schools through sponsorship and charities of children cloths.



Save Nature
Save Money
Use Solar Energy

Showcasing Ice Make's Clients Testimonials

IceMakes equipment can be found across the India and has been installed everywhere catering to Industries like Dairy, Ice Cream, Food Processing, Fruit Ripening, Horticulture/Floriculture, Hotel-Restaurant, Retails Outlet for Dairy - Ice Cream, Pharmaceuticals, Logistics, Plastic, Chemical Processing Industry Bio and logical / Research etc

We are very satisfied with all phases of this job - resulting in successful accomplishing of a great amount of difficulty work safely, efficiently, thoroughly and within time bond.

Ovobel Foods Limited, Bengaluru.

We are very satisfied and will be happy to have you highly recommended for future requirements.

Tirumala Milk Products Pvt. Ltd., Chennai.

We have purchased and used equipment's like Cold Room, Refrigerated Containers and these machines are very energy efficient and working very well.

Delicious Foods - Monginis, Rajkot.

We are very delighted and satisfied with the professional and outstanding service provided by IceMake and the dedicated team have done an excellent job for us and we are grateful to you for remarkable passion, professionalism, patience, leadership and enthusiasm demonstrated throughout the entire project.

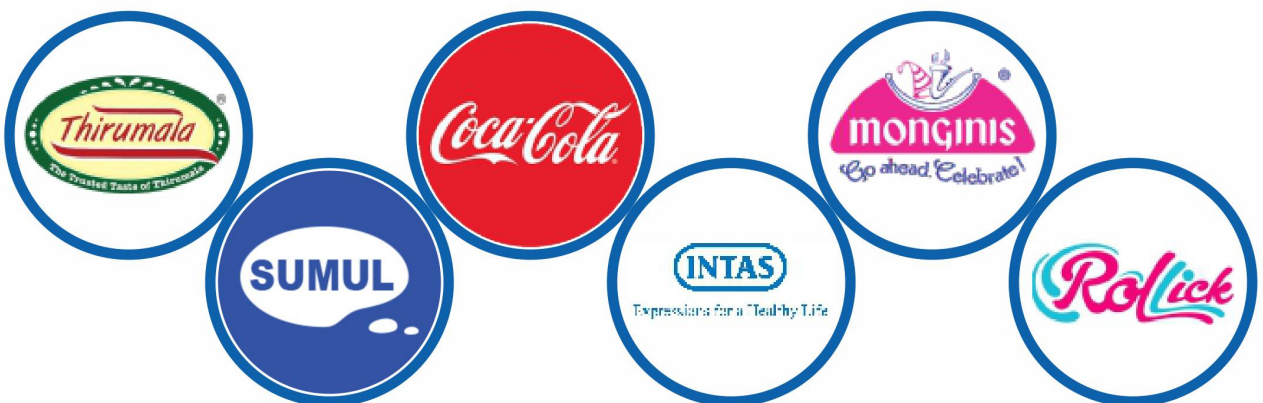
Prestige Ice Creams Pvt. Ltd., Kolkata.

We have purchased and used equipment's like Cold Room & Incubation Room and found that these machines are very energy efficient and working very well.
We get timely service and supports and machines with good quality material.

Surat District Co-Operative Milk Producers' Union Ltd., SUMUL Dairy, Surat.

We have Procured Cold Rooms, Refrigeration Systems, Chilling Plant, etc.. All the machines are in use at our various location and all the equipments are working satisfactorily. We are really appreciating the service and support.

Intas Pharmaceuticals Ltd., Ahmedabad.



Our Valued Clients

Pharma



Dairy - Icecream



Our Valued Clients

Corporate and Institution



Bakery and Hospitality Industry



Our Capabilities

Our focus on the requirements of our customers has seen us make a significant investment in our processing and fabrication facilities and our Q.C. Laboratory is well equipped to give the test report for different stages of Refrigeration & Insulation.



CNC PUF Dispensing Machines

Cannon-Italy Made A-200 : 3 Machine
Poly Craft Made HP 100 : 1 Machine

PUF Panel Press

Fabrication Line

Panel Packing Machine

CNC Roll Forming machine

CNC Punching Machine (Turret)

CNC Bending Machine

CNC Router Machine

Hydraulic Bending Machine

Roll Forming machine

Corner Panel Press

Searing Machine

Laser Cutting Machine

Vacuum Table for Reefer Truck Panel

Sheet Forming machine Pyramid Type

Mig-Argon-Arc-Gas-Spot-Stud Welding Machine

Pneumatic Tools

Pneumatic Tagger Machine

Galileo-make Vacuum Pump Charging Unit

Leak Detector

Automatic Cut to Length

Powder Coating Plant

Handling Machines

Forklift

Hydra Crane

Double Girder Crane

Hydraulic Seizure Lifting Table

Network

We have developed a strong national presence with manufacturing plants, branch offices and dealer-associates network. Ice Make applies its engineering and applications expertise to provide your organization with the right product solution and support every time.

- Head Office & Manufacturing Plant-I, Dantali Gandhinagar, Gujarat
- Manufacturing Plant-II, Vamaj, Gujarat
- Manufacturing Plant-III, Chennai, Tamilnadu
- Branch Offices, Dealers & Associates and Company Representatives



Export In Other Country





WEBSITE



CATALOGUE



FEEDBACK

ICE MAKE REFRIGERATION LIMITED

Commercial & Industrial Refrigeration Equipment Manufacturer & Exporter

An ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 Certified Company

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