



# SIBERIAN REFRIGERATION LLP

*Complete Cooling Solution*



[www.siberianref.in](http://www.siberianref.in)





# A<sub>bout</sub> the Company

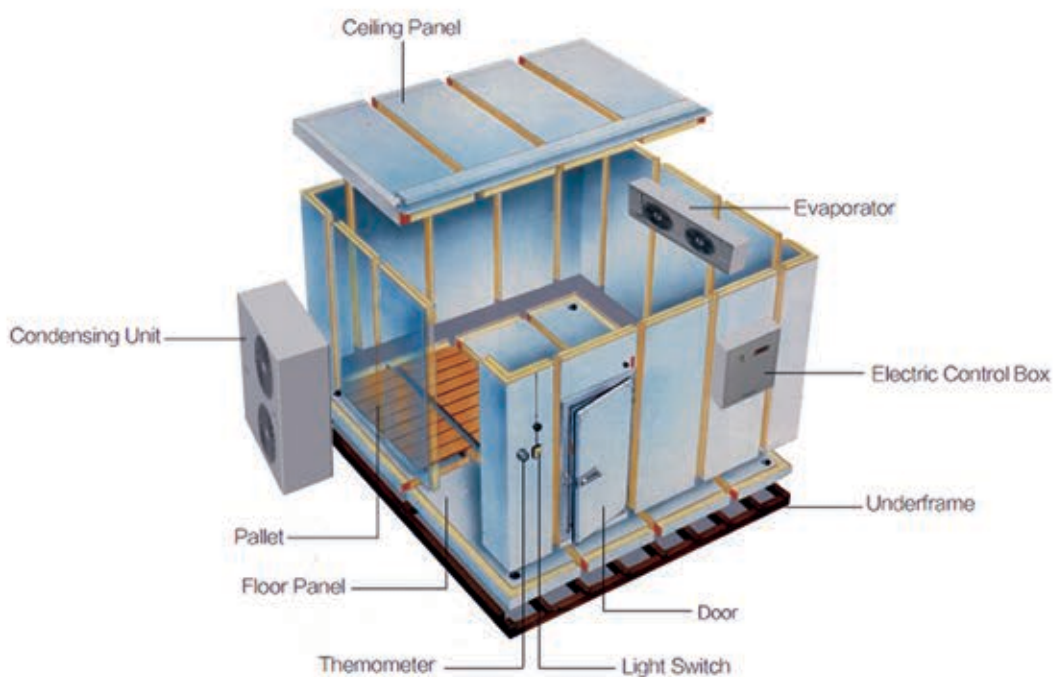
**Mission:** we are committed to deliver world class product and solution for cold chain industry. Complete our project in time as scheduled by customers and give on time services. Our commitment is also towards environment . To save nature is our priority. As global warming is increasing day by day so we take a step to make all environment friendly products and make our nature green.

**SIBERIAN REFRIGERATION** have been proved consistently a pioneer and fastest growing company to provide complete cooling solution to customers. Siberian design, import and execute all type of commercial kitchen equipment, cold rooms, cold store, chillers, condensing unit, evaporators, vehicle refrigeration and several other refrigeration and ice cream production equipments.

We are serving numbers of industries with our product range such as ice cream and dairy , food processing, warehouses and logistics, fruits and vegetables, hotels and restaurant, horticulture and floriculture, sea food and meat industries, pharmaceutical industries, and many more industries.

We have expertise to provide complete cold chain solution to customers. Our research and development team always in work to make our product from better to best and to reduce power consumption. Our R and D team always committed for perfection and precision in all products.

Our motto is to built a long lasting relationship with customers .We always believe that service is the most important aspect in cold chain business. To maintain this we have a large service workforce which spread across all major cities in India. Our all service engineers are doing their work like partners to provide 24X7 service and taking ownership to provide immediate breakdown solutions.



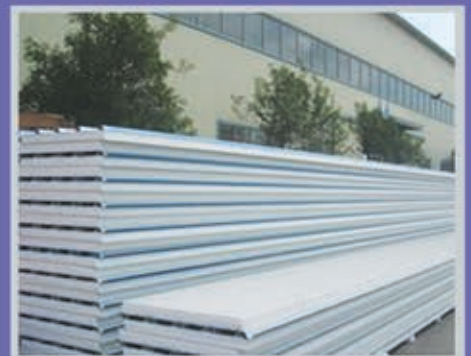
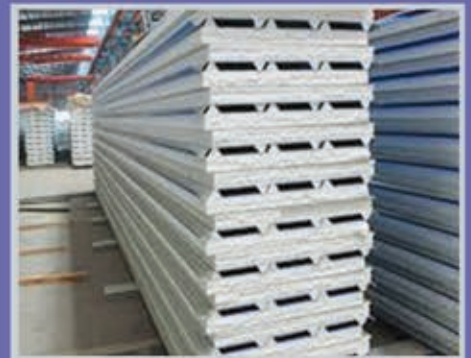




# Company Profile

**SIBERIAN REFRIGERATION'** A name Which stands for trust when it comes to keep Products in a fresh environment. SIBERIAN REFRIGERATION Provides complete Cooling Solution and design refrigeration Systems for all specific need at first time . We design supply and install cold room for Preservation & Storage of Products like Beverages, frozen foods, fruit & vegetable , Ice Creams, Dairy Products, Medicines & Vaccine and many more. Refrigeration Technology Can Never remain constant it needs to improve and add on new things day by day . So our Research & development team always Prepared to give products & solutions as per environmental & geographical Conditions to give optimum efficiency of refrigeration System.

**SIBERIAN REFRIGERATION** always provide customized solutions and user friendly operated cold room ,our team always guide you in selection process of Refrigeration system which enables you to Save running load of electricity.





# PRODUCT FEATURES

- Temp range for Chillers + 1° c to + 15° c & temp range for freezer – 15° c to – 30° c  
temperature range for Blast freezer -35° c to – 40° c
- Easy to install & easy to disassemble Construction .
- Quick pull down of Temperature
- Energy efficient & eco friendly design.
- Auto cad drawing approval before process of puff panel to provide you perfect design .
- Service engineers available in all major cities to ensure in warranty & after warranty support
- Options for high humidity cold room for fruits & vegetables & low humidity cold room for seeds and other application.
- Single banded copper pipes without elbow to minimize risk of refrigerant leakage.



Siberian refrigeration systems comes with a wide range of temperature range from +1° c to -45°c our design of condensing units & evaporator give fresh environment to product and freshness which best forever.

# SALIENT FEATURES

- Energy efficient & reliable Indian & Imported compressor for single phase & Three phase operation options of Semi hermetic ,hermetic, scroll & screw compressors .
- High Ambient design Condensing with grooved copper tubes & Aluminum fins .
- Condensing unit with all prefixed accessories like filter dryer ,moisture indicator , solenoid valve , suction accumulator , receiver & oil separator optional
- Options available for both Air Cooled ,Water Cooled condensing Units
- PPGI, Aluminum & Stainless Steel Evaporators.
- Specially designed Control panel for Refrigeration unit with all safety measure to give long life .



# TECHNICAL SPECIFICATION



**NOTE:-AT EVAPORATING TEMP-25 Deg C**

Model	cool Btu/hrling Capacity in	Temperature Range	Ambient	Pwer Supply	Power Consumption	Refrigerant
SR1.5MT	16310	(+)2Deg c to (+)6 Deg c	43Deg c	230/1/50	1.75KW	R22/R134/R404A
SR2MT	21619	(+)2Deg c to (+)6 Deg c	43Deg c	230/1/50	2.35KW	R22/R134/R404A
SR2.5MT	25790	(+)2Deg c to (+)6 Deg c	43 Deg C	230/1/50	2.72KW	R22/R134/R404A
SR3MT	30737	(+)2Deg c to (+)6 Deg c	43 Deg C	230/1/50	3.24KW	R22/R134/R404A
SR4 MT	45837	(+)2Deg c to (+)6 Deg c	43 Deg C	400/3/50	5.1KW	R22/R134/R404A
SR5MT	53117	(+)2Deg c to (+)6 Deg c	43 Deg C	400/3/50	6.1KW	R22/R134/R404A
SR12MT	75020	(+)2Deg c to (+)6 Deg c	43 Deg C	400/3/50	13.01KW	R22/R134/R404A
SR15MT	94457	(+)2Deg c to (+)6 Deg c	43 Deg C	400/3/50	14.1KW	R22/R134/R404A

**NOTE:-AT EVAPORATING TEMP-25 Deg C**

Model	cool Btu/hrling Capacity in	Temperature Range	Ambient	Pwer Supply	Power Consumption	Refrigerant
SR2.0LT	6410	(-)20 to (-)22 Deg c	43 deg c	230/1/50	1.25KW	R404A/R22
SR3.0LT	13834	(-)20 to (-)22 Deg c	43 deg c	400/3/50	2.46KW	R404A/R22
SR3.5LT	14322	(-)20 to (-)22 Deg c	43 deg c	400/3/50	3.7KW	R404A/R22
SR5.0LT	19437	(-)20 to (-)22 Deg c	43 deg c	400/3/50	5.12KW	R404A/R22
SR7.5LT	22506	(-)20 to (-)22 Deg c	43 deg c	400/3/50	7.63kw	R404A/R22
SR9LT	25643	(-)20 to (-)22 Deg c	43 deg c	400/3/50	7.20kW	R404A/R22
SR14LT	43852	(-)20 to (-)22 Deg c	43Deg c	400/3/50	10.83KW	R404A/R22



# APPLICATION

## Dairy & Ice Cream Industry

Refrigeration is most important part of Dairy and Ice cream Industry. Our cold room offer perfect temperature for storage of Dairy product and Ice cream.



We design specific blast freezer for Ice cream Industry. Our designed blast freezers give very instant cooling in Ice cream so that all flavors, smoothness and Texture will intact in that.

## Fruits & Vegetable & Flower

Cold room / Cold storage for specific requirement of Fruits storage can be made as per the customer requirements. Room size and design will be custom made as per the request. Desired amount of Humidity and temperature needs to be maintained in cold room for Fruits & vegetables. Different fruits have different needs like cold room for Mango, cold room for grapes can have different size, design and temperature as per the need.



Cold Room for Flowers / Horticulture is designed in a specific manner to keep the temperature and humidity at the appropriate level so that products can be maintained fresh and petals of the flowers stay fresh and good looking. To keep the petals of the flowers fresh and in good condition air flow is controlled properly.

## Hospitality Industry & Restaurant

Siberian Refrigeration designed cold room for restaurant are build keeping specific requirement and to sustain heavy usage as it involves constant opening and closing of doors. We design our cold rooms in such a way that it maintains low temperature even in such conditions. The quality of food preserved can be improved by providing automatic door closing.

This type of Cold room storage is also preferred at Supermarkets and big stores to preserve vegetable, fruits and other perishable items. Size of these types of Cold rooms can me managed based on the requirements of the client.



## Hospital, lab & Pharmaceutical industry

Special requirements Cold room can be designed for Hospitals and research labs in customize size and shape. Cold rooms are extensively used in hospitals & research labs to store Blood samples, Life saving drugs & serum samples.



## Sea food & Meat industry

Any fresh fish or sea food needs very strict storage requirement as there is a high risk of rapid bacterial growth which can waste the storage. The main requirement is keeping temperature close to -2 oC also it needs to keep separate from all other type of food stored.



Cold Room for Meat storage has very specific requirement. Packed fresh meat needs temperature almost similar to what fish cold room storage need.

To store sea food and meat product for longer duration first we need to blast these product at -40 to -45 deg Celsius and then store at a temperature of -20 to -25 Deg Celsius .

## Ripening Industry (Banana, Mango, & papaya)

Siberian Refrigeration designed ripening chambers are cost, space and power efficient, automatic operation, pressurized ripening resultant with premium quality ripened products of international standard. These are available in capacities from 5 ton to 25 ton and are widely used all over the world.

We design ripening chambers by considering all parameters of CO<sub>2</sub>, ethylene and refrigeration load as needed in products.





## Our Customer Name



IGLOO FROZEN FRESHNESS P.L.




PEPSICO







## SIBERIAN REFRIGERATION LLP

 SIBERIAN REFRIGERATION LLP. Complete Cooling Solution  
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