



Complete Cold Chain
Solution Provider

www.blueiceindia.com

BLUE ICE PUF PANELS & REFRIGERATION is committed to provide world class puf panels and refrigeration products to preserve food for our generations to come. we have complete cold chain solution for all type of facilities including multi produce, palletized, pre-cooling rooms, CA storage, fruit ripening chambers, potato cold storage, modular cold rooms, blast-freezer/chiller, pharma product storage, horticulture, floriculture, seed storage and other application which needs refrigeration.

We are ISO 9001:2015 Certified company for “manufacturer & traders of commercial & industrial cold room(walk in chiller /freezer), condensing & evaporating units with customized application”.

What We Do ?

We have successfully completed lots of cold storage facility of turnkey projects in INDIA & abroad across various segments such as Ice cream Industry, logistics centre , food processing industries, meat processing industries, peas & corn processing unit, & distributor, modular cold rooms, large vegetables & fruits cold storage & many other application.

Vision

To be the preferred supplier in PUF panels and refrigeration through providing excellence in engineering, creating perfect climates.

After Sales Support

BLUEICE is well known for its excellent service support in the entire industry. With a team of specially trained technician & dealer network. You can expect absolutely smooth service support. BLUE ICE will ensure after sales support and availability of original parts at all times of avoid shut down time of you project.

Mission

Being preferred company which has wide product, range, best solution, support after service, reliability, business ethics.
Being a company adds value to customers and employees, maximizing customer satisfaction providing by high quality service.
Being the sectoral solution center for our partners and providing them best solution to get maximum efficiency.
As a result of these our aim is contributing the social life and achieving stability.

Ensure Advantages with Us



Eco Friendly



Energy Efficient



Quality Parts



Excellent After Sales Support



Best In Industry



User Friendly

Turnkey Solution



- ▶ Consulting, planning, design & budgeting
- ▶ Material supply, installation & commissioning of complete turnkey project including
 - PEB structure
 - Electrical system
 - Refrigeration system
 - Fruits ripening units
 - Customized solutions as per customer requirement

Cold Storage & CA Storage



- ▶ High CFM evaporator units, compressor rack system to manage variable application
- ▶ Rack system will work as per product load variation
- ▶ Web based monitoring & controlling of temperature & humidity
- ▶ Highly innovative CA storage that control & generate the desired storage atmosphere

Consulting

- ▶ Govt. approved consultant for NHB/NHM
- ▶ Advice, conceptualize, plan, design & budget
- ▶ Project management service
- ▶ Prepare complete documentation and coordination for obtaining grant in aid (subsidy) from the government department (NHB/NHM)



Ripening Chamber

- ▶ High efficiency PUF insulated panels which are leak proof
- ▶ High CFM evaporator to ensure uniform airflow & high humidity inside the chamber
- ▶ Timer based electrically operated ventilation system & exhaust fans
- ▶ Manual/semi automatic/automatic ripening system



Blast Freezer/ Chiller

- ▶ High efficiency refrigeration units specially design for low temperature & quick pull down
- ▶ Customized blast freezer/chiller for meat processing/sea food & fisheries /food product & ice cream industries
- ▶ Energy efficient, less power consumption, cost effective & user friendly system
- ▶ BLUE ICE provides turnkey solutions for every type blast freezing application with their associates



Pre-Cooling Chamber

- ▶ Hygienic, air Conditioned spaces capable of receiving, grading and packing large volumes
- ▶ Facilitate quick pre-cooling of produce immediately after that harvest, for preserving the quality of texture and essence, including the nutritive value over a prolonged period
- ▶ Can store 15 days of produce at a time



❖ Product Snapshot

▶ Condensing Unit

- ▶ Designed for high ambient condition
- ▶ Low noise & quick pull down
- ▶ Hermetic, semi hermetic, scroll & screw condensing unit
- ▶ Safety & control device for better system protection



◀ Evaporator Unit



- ▶ Fan dia 300 mm to 800 mm
- ▶ Compact, adjustable & easy open able side panels for easy service
- ▶ Works in range of 20°C - 40°C
- ▶ External rotor driven fans have low noise levels

▶ Compressor Rack System

- ▶ Advance power saving system
- ▶ Air/water cooled condenser
- ▶ Electrical control panel with PLC controller & all controls



◀ Ripening Chamber



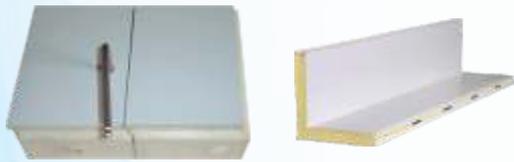
- ▶ Air & gas tight chamber with specially designed doors
- ▶ Superior gas emission system for high quality output fruits
- ▶ Optional web based monitoring & controlling

▶ Cold Storage / CA Solution

- ▶ High Quality storage control system that control and generate the defined storage atmosphere
- ▶ It includes CO₂ scrubbers, O₂ scrubbers, ethylene converters, Control system, humidification & related automation system



◀ Puf Panels



- ▶ 60 mm to 150 mm thick insulated PUF panels
- ▶ Easy erection & low maintenance
- ▶ PVC gasket at all joints makes them perfect
- ▶ Corner panel joint which provides stability to the cold room

▶ Doors

- ▶ PUF insulated door 60 mm to 150 mm
- ▶ Hinged/sliding/hatch/automated vertical sliding door
- ▶ Cladding sheet both side PPGI/S.S 304
- ▶ Durable, aesthetic, efficient, suitable for heavy duty usage



◀ Walk-in Freezer/Chiller



- ▶ We provide solutions for fruits & vegetables, dry fruits, bakery product, Ice-cream & frozen food, horticulture, hospitality, pharmaceutical & chemical industry

- ▶ BLUE ICE capable of providing all the technology for the long term storage of potatoes, onions, garlics, apples, lemons, dates, spices, etc using the appropriate technology.
- ▶ Controlled Atmosphere (CA) is a storage technique whereby the level of oxygen is reduced and CO₂ is increased, quality and the freshness of fruit and vegetables are retained under controlled atmosphere conditions without the use of any chemicals, under CA conditions, many products can be stored for 2 to 4 times longer than usual.

▶ The Cold Storage/CA Storage are Designed to control

- Temperature
- Humidity
- Oxygen gas concentration
- Carbon dioxide gas and other gas concentration
- Cooling media



❖ Industry & Segment in which we are serving



Pharma



Milks &
Dairy Products



Ice Cream



Agro Products



Floriculture



Fruits & Vegetable
(Ripening etc.)



Horticulture



Logistics
& Warehousing



Hotels &
Hospitality



HVAC
Industry

❖ Refrigerated Container

- ▶ BLUE ICE Refrigerated Container is designed to transport with temperature (+12° C to - 25° C) for all perishable foods on all type vehicle such as small & large.
- ▶ Blue ice Refrigerated Container is built using the highest quality components & technology to perform highest & most thermal efficient. Our container is available in single or multi door models & also customize as per customer requirement.
- ▶ We offer GRP Based Refrigerated container made by high grade composite material consisting of polyester resin reinforced with glass fibre matting.

Key Features

- Type of Construction GRP Panel
- Door & Frame
- Multi Temp Transport
- High Radiance Interior / Exterior LED Light
- Drainage System
- Anti shock Body Protection
- Panel Wall Thickness
- Backbone Sub frame



- Foot Step
- Seal Gasket
- PVC Strip Curtains
- Radium Line
- Integrated Rear Protection
- Heavy Duty Handle and Hinges
- Rigid Floor

❖ The Key Projects Undertaken By Blue Ice



Pure Oil Industries Pvt. Ltd., Zimbabwe

Storage Product: Oil
Product Type: Cold Storage
Capacity : 1 Lac Ltr
Location : Zimbabwe



Aquamax Foods, Rajkot, Gujarat

Storage Product: Ice Cream
Product Type: Blast Freezer & Cold Room
Capacity : 20000 C.F.T.
Location : Rajkot



Intas Pharmaceuticals Ltd., Gujarat.

Application : HVAC
Product Type: Condensing Unit
Location : Changodar, Gujarat



Bharkadevi Mix Ice Cream & Juice Parlour - Bardoli

Storage Product: Ice Cream
Product Type: Blast freezer & Cold room
Capacity : 3500 & 5000 C.F.T x 5 Nos.
Location : Bardoli, Gujarat



Sheetal Cool Products Limited

Storage Product: Ice Cream
 Product Type: Cold Rooms & More
 Capacity : 1000-10000 C.F.T.
 Location : All across India



Skm Logistics, Himatnagar, Gujarat

Storage Product: Multi Comodity
 Product Type: Cold Storage
 Capacity : 7000 MT
 Location : Himmatnagar, Gujarat



Shiv Surdarshan Poly Fab Pvt. Ltd, Bhilwara, Rajasthan

Storage Product: Multi Comodity
 Product Type: Cold Storage
 Capacity : 1700 MT
 Location : Bhilwara, Rajasthan



Parth Food, Ahmedabad

Storage Product: Custard Apple
 Product Type: Blast Freezer & Cold Room
 Capacity : 2 MT & 3500 C.F.T.
 Location : Goblej, Ahmedabad



Assam State Agriculture Marketing Board, Jorhat, Assam

Storage Product: Multi Comodity
 Product Type: Cold Storage
 Capacity : 2000 MT
 Location : Jorhat, Assam



Pristine Melamine LLP, Navagam, Gujarat.

Storage Product: Melamine Powder
 Product Type: Cold Room
 Location : Navagam, Gujarat



Khushboo Cool Products Pvt. Ltd

Storage Product: Ice Cream
 Product Type: Cold Rooms & More
 Capacity : 1000-10000 C.F.T.
 Location : All across India



For any Sales Enquiry, Please Contact Us at

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