



KEON

COLDCHAIN EVOLUTION



About us

- » Keon Reftec Pvt Ltd. is one of India's young and fastest growing integrated cold chain equipment manufacturing companies. Keon brings best-in-class technology, professional experience and on-ground execution skills for safe and efficient solutions for all type of facilities including Multi produce, Pre-cooling rooms, Controlled atmosphere storage, Fruit ripening chambers, Potato cold storage, Modular cold rooms, blast freezer/chiller, Pharma product storage, Horticulture, Seed storage and other applications which needs refrigeration.
- » Keon is ISO 9001: 2015 certified company for manufacturer of commercial & Industrial cold room (walk in cooler/freezer), condensing & evaporating units with customized application. Keon aims to be a pan-India player with planned footprints across key distribution hubs (cities) providing solution for refrigerated storages, warehousing, transportation, distribution and logistics services for fresh and frozen commodities.
- » Keon began its chain operations in 2013 and has been one of the fastest growing player since inception. The company is primarily a cold chain solution provider with the technology advances, Keon achieved great success and built its reputation in the market. Backed by its impeccable service and quality norms the company was successful dealing with the largest names in the industry such as Amul, Vadilal, Havmore, Mother Dairy, khusboo ice-cream, Amenal Pharma, Miraj Group, MIT USA, among many others. The company has exponentially grown since then.



Our Vision

Keon Reftec Pvt Ltd. pledges to build a profitable company by employing the highest technical & ethical standards thereby creating a safe & healthy environment that provides fulfilments and satisfaction to customer & employees.



Our Mission

Being preferred company with a wide product range, best solution, and support after service, reliability, and business ethics. Keon Shall be a Premier Cold Chain equipment manufacturing Company Adopting Innovative Technologies to provide effective and efficient value added services that exceed our Customer's Expectation.

OUR CORE VALUES

TRUST

Our customer's trust is our highest reward and at every step we strive to build and maintain your trust in us.

Honesty

We believe that nothing can surpass the truth and are always transparent in all our working relationships.

Dedication

We are dedicated to give you speedy, customized and top notch services.

TOTAL COLD CHAIN SOLUTION



OUR BUSINESS VERTICAL



Cold Room Storage

- » All side PVC Gasket
- » Easy to assemble and dismantle
- » Fully customized and portable
- » High ambient refrigeration design
- » Most durable
- » Wall to top cam lock
- » Different material of construction
- » Homogeneous PUF density



Transportation Refrigeration

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



Commercial Refrigeration

- » Ice Cream Hardener (Static/Tunnel Type)
- » Mini Blast Freezer & Chiller

COLD ROOM

» Keon Reftech is an excellent manufacturer and supplier of highly efficient Cold Rooms and Storages. The rooms and storages are designed in a way that, they are very easy to operate and are phenomenal performance-wise. The tailor-made product range is built with finest quality range of material in standard size and customised specification to fulfill the needs of customer. The rooms are well insulated, highly adequate and specific designed to cater to a wide range of temperature from +15 C to -40 C and PUF Panel thickness 50,60,80,100,125,150 mm.

FEATURES

- » All side PVC Gasket
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- » Different material of construction
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SOLAR COLD ROOM

» Keon Solar Cold Room is a HYBRID Cold Room designed to use throughout a year under any weather conditions. This kind of Cold Room can be used even in the absence of sunlight with alternate power sources such as Electric Power or DG Power.

» In rural areas, where power supply is limited, Solar Power is one of the best solutions for smaller scale Cold Storages. Also Solar based refrigeration system is quite suitable to the Indian weather conditions

FEATURES

- » 24 Hours Backup
- » Low Maintenance
- » Solar Powered Standalone
- » Grid & DG Set Hybrid
- » No Battery for registration
- » No running cost on solar supply
- » Portable easy to shift



REFRIGERATION SYSTEM

» Keon refrigeration systems are great combination of reliability, easy installation, efficiency and sound performance in applications such as blast freezer/chiller, milk cooling tanks, and etc. Clever designing and systems save you a good amount of time, money, at the same time giving your production a great and sufficient efficiency with less impact on the proximity.



CONDESING UNIT

- » High Cooling with low power consumption
- » Designed for high ambient condition up to 55 C
- » Condensing coil with inner grooved copper tubes & aluminum files
- » Efficient fans with external motors for single phase and three phase.
- » High and 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

EVAPORATOR UNIT

- » Fan – High reliability, low temperature resistance and low noise external rotor fans
- » Coil – High efficiency heat exchange with in-line tube system for minimum loos 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 – Aluminum, PU type powder Coated, Corrosion resistant and nice appearance body
- » Maintenance – Compact, Adjustable & Easily openable side panels for easy installation



BLAST FREEZER/CHILLER

- » Keon Blast Freezer / Chiller are much needed system to increase the shelf-life of food by instant chilling/freezing. This kind of machines are designed to meet customer's needs. Blast chillers help food meet the hygiene standards, preserving the quality of food and also in reducing the wastage. The chillers are designed in way that they can instantly achieve -35 C.
- Capacity :- 200 KG to 2000 KG • Temperature :- -25 C to -38 C

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
- » Highly density and thick PUF insulation



MINI BLAST FREEZER/CHILLER

- » We provide Blast chillers in smaller sizes too. The functions of mini blast freezer/ chiller are as same as Blast chiller/ freezer. It just differs in capacity.
- Capacity :- 50 KG to 100 KG • Temperature :- Chiller :- 70 C to 10 C • Freezer :- 10 C to -18 C

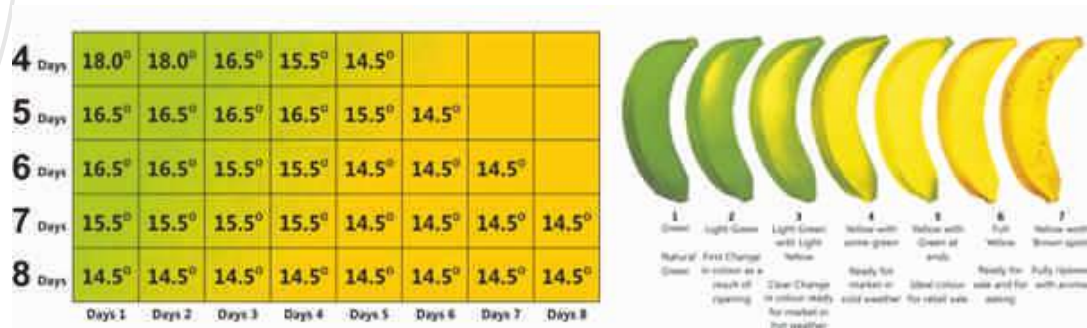


FEATURES

- » Reduce the deterioration of products during the freezing process
- » Increase the shelf life of the food product
- » Maintain food quality including flavor, texture, color, aroma and nutrients
- » Save money by making use of seasonal and bulk offers
- » Save labor by enabling larger batch production
- » Reduce waste of less used products and preserve for later
- » Be prepared and store during less busy periods.

RIPENING CHAMBERS

- » We offer advanced ripening storages for fruits like Mangos, Banana and papaya etc. We provide forced draft cooling system for uniform repining of fruits even in large rooms. For this kind of rooms, we use blended gas system. With this kind of rooms clients get extra benefit of controlling the ripening cycle fringe 4 to 15 days. The chambers can also be monitored by Computers.



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

REFRIGERATED CONTAINER

- » Our refrigerated containers are made of top standard composite material of polyester resin. This materials offers exceptionally low thermal conductivity. The other important features includes being light weight, high stability, long life, easy to maintain etc. We manufacture one of the best quality refrigerated transportation containers with temperature range from +12 C to + 25 C. We provide all types of transportation container such as small, mini truck and heavy loading truck.



FEATURES

- » Low Weight
- » High Strength
- » Better Insulation

EUTECTIC MOBILE CONTAINER

- » Keon's Eutectic Containers are designed for Vegetable distribution, multi deliveries of Icecream, Frozen Foods and Bakery Products. Keon Eutectic systems are built to operate in vehicles that have been insulated for frozen produce transportation.
- » The Eutectic Plates are mounted inside a chamber which is separated from the load system. The product inside the storage is cooled as per required temperature by PCM pads. (For Frozen food -24 C & For Chilled Application from +2 C to +8 C)

FEATURES

- » Minimum Maintenance
- » No Load on Vehicle Engine
- » Lower Operating Cost
- » Highly Reliable
- » Substantiality Power Saving
- » No Emissions



The Desirable Solution For Every Application

» We offer services across 15 major industries through our business verticals. Each vertical develops and maintains top quality products to support the advance need of the customers. Below are some of industries we cater to.



Argo Industry



Food Processing Industry



Horticulture / Floriculture Industry



Dairy Product INDUSTRY



Ice Cream Industry



Logistic



Hotel & Restaurant



Hospitality Industry



Retail Outlet for Dairy-Ice Cream



Pharmaceutical Industry



Biological



Research



Chemical Processing Industry



Plastic Industry



Renewable Energy Industries

Our Capabilities

» Our aim has always been giving the customer's needs a first priority and that's why we have witnessed tremendous growth so far. We have advanced machineries and well equipped laboratory to give us the test reports for different stages of production.



- » High Pressure PUF Injection Machine
- » PUF Panel Press with 4 Bed of 6.5 Meters Capacity
- » Fabrication Line with CNC Accuracy
- » Panel Packing Machine
- » Roll Forming Machine
- » Corner Panel Press
- » Pneumatic Tagger Machine
- » Charger Unit
- » Leak Detector
- » Automatic Cut to Length Shearing
- » Hydraulic Bending Machine
- » Shearing Machine
- » Pneumatic Tools

Our Team and Expertise

- » We have a team of technologically trained, experienced, and dedicated professionals to assure manufacturing best quality of cold chain equipment. Moreover, our engineers & Installation experts maintain high safety standards. All our manufacturing equipment are approved by Food Safety and Standards Authority of India.
- » Our training process is intensive and detailed to assure customer satisfaction. our team has been trained such that they will go the extra mile for your satisfaction.

WHY US:

- » End-to-end advanced cold storage & SCM solutions.
- » Pan India presence
- » All temperature ranges & volumes.
- » Multi-facility use of environment-friendly refrigerant
- » Reduced transit time & operational costs.
- » Adherence to schedule & temperature.
- » Competitive price.
- » 100% compliance on handling & safety.

SOME OF OUR VALUED CLIENTELE



OUR NATIONAL NETWORK

