



HEMSTM **Infratech Pvt Ltd**
Thought Make Life...



Cold Storage Solutions & PUF Partition Work

- * Industrial Cold Storage
- * Mini Cold Room Solution
- * PUF Partition Work
- * Fruit Ripening Chamber
- * Agriculture Cold Storage
- * Cold Warehouse
- * Pharma Clean Room
- * Cold Storage Repairing

Company Profile:

Hems Infratech Pvt. Ltd. since the year 1999, is a professionally managed business entity comprising of a team of professionals from different fields and expertise. We are recently involved in PUF Insulation Work like a Cold Storage Installation, Controlled Atmosphere Cold Storage, Vegetable and Fruit Cold Storage, Pharma Clean Room Projects, Seed Cold Storage, Cold Room Maintenance and Repairing Service and PUF Panel Partition and False Ceiling

Missionary Statement:

To be the premier supplier and installer of high value products and service, while consistently providing superior quality and 100% customer satisfaction.

Why Hems?

We have been able to maintain a strong foothold in the industry of cold storage projects, owing to the rich domain expertise of our organization. Our experienced team of professional manufactures provides the products as per the requirements of our clients and market. Following are various factors that helped us in distinguishing ourselves from our counterparts in the today's market.

- * Expert Manufacturing Staff
- * Advanced manufacturing units
- * Best team work with centrally administration
- * Wide range of products
- * Well experienced engineers
- * Timely delivery & Work Completion
- * Large production capacity

Our Commitment:

We are committed to the quality and excellence in all fields of business. We promise to monitor our performance by our skilled supervisors and strive for continual improvements through enhancing skills of all employees by training.

Industrial Cold Storage (Turnkey Solution)

Hems designs and builds an industrial cold storage, production area, puf panel partition and false ceiling, material storage area, defreeze chambers, pack houses and insulated office area. We also supply & install company rest rooms for visitors and guest, security cabins and other puf insulated chambers. We provide a complete solution up to lock and key like site observation, project design according to client's requirement, material delivery on expected time and project completion on expected time frame with supervision of well-trained supervisors and engineers.

Industrial Solutions:

- Dairy Product Cold Storage
- Seafood Cold Storage
- Industrial Pack Houses
- Chemical Cold Storage
- Industrial Ice Plants
- Industrial Frozen Plants



Agriculture Cold Storage (Trunkey Solution)

We feel proud to provide Agriculture Cold Storage as part of our cold storage construction. A cold chain consists of a supply chain that is temperature controlled such that materials or products being transported is maintained at a given temperature range throughout the process of transport, storage and distribution. Cold chains are used to ensure that products maintain their freshness and viability and arrive intact. Cold chain management is of particular importance in the pharmaceutical companies, agricultural warehouses, and commercial frozen chambers.

Agriculture Solutions:

- Fruit and Vegetable Cold Storage
- Potato Cold Storage
- Indian Spices Cold Storage
- Frozen Fruit Cold Storage
- CA Cold Storage for Fruits
- Seed Cold Warehouses
- Mini Cold Rooms



Cold Warehouse (Trunkey Solution)

Hems designs and builds an industrial and agriculture cold warehouse having the capability to interface with industrial cooling systems such as ammonia base and Freon base cooling systems. These warehouses are specially designed for storage of various agriculture commodities and industrial products. We utilize superior technology and advanced refrigeration techniques to provide innovative solutions to your specific pre-cooling and freezing needs. Some of industrial Cold warehouses and storages provided by Hems Infratech Pvt Ltd are given as below:

Warehouse Solutions:

- Onion Cold Warehouse
- Grains Cold Warehouse
- Indian Spices Cold Storage
- Seafood Frozen Warehouse
- CA Cold Storage for Fruits
- Seed Cold Warehouses
- Chemical Warehouse



Small Cold Rooms

A mini cold storage room made by PUF insulated sandwich panel to maintain proper cooling and humidity for storage of various commodities like fruit and vegetable at positive temperature.

Technical Specifications:

Particular	HIPL-P1000	HIPL-P1500	HIPL-P3000	HIPL-P4500	HIPL-P6000
Dimensions(Feet)	10 x 10 x 10	10 x 15 x 10	15 x 20 x 10	15 x 30 x 10	20 x 30 x 10
CFT Value	1000	1500	3000	4500	6000
Temperature Range	2 to 4 °C	2 to 4 °C	2 to 4 °C	2 to 4 °C	2 to 4 °C
Refrigeration Capacity	2 TR	2.5 TR	4 TR	6 TR	8 TR
Insulation Thickness	80 mm	80 mm	80 mm	80 mm	80 mm
Power Require	2.7 Kw	3.0 Kw	6.0 Kw	9.0 Kw	11.5 Kw

Features:

- Corrosion resistance and high durability
- Smooth finish and hassle-free working
- Dimensional accuracy and high performance
- The cold storage rooms are user friendly and require minimal maintenance.
- These are long lasting, thus ensuring optimal reliability
- Power full refrigeration system for quick pull down of field heat

Advantages:

- Ideal for preservation all types of fruit and vegetables
- Long operational life and require minimal maintenance
- Prevent the entry of dust and dirt from outside
- Require very less space and easy to install
- It can be installed at residential area also
- Work like portable cold storage



Small Freezer Rooms

A Mini Freezer Room made by PUF insulated sandwich panel to maintain proper cooling and humidity for storage of various commodities like frozen food, fruits, vegetable and dairy products at negative temperature.

Technical Specifications:

Particular	HIPL-P1000	HIPL-P1500	HIPL-P3000	HIPL-P4500
Dimensions(Feet)	10 x 10 x 10	10 x 15 x 10	15 x 20 x 10	15 x 30 x 10
CFT Value	1000	1500	3000	4500
Temperature Range	-18 to 4 °C	-18 to 4 °C	-18 to 4 °C	-18 to 4 °C
Refrigeration Capacity	2 TR	4 TR	6 TR	8 TR
Insulation Thickness	120 mm	120 mm	120 mm	120 mm
Power Require	2.7 Kw	5.4 Kw	8.5 Kw	11.0 Kw

Features:

- Corrosion resistance and high durability
- Smooth finish and hassle-free working
- Dimensional accuracy and high performance
- The cold storage rooms are user friendly and require minimal maintenance.
- These are long lasting, thus ensuring optimal reliability
- Power full refrigeration system for quick pull down of field heat
- Auto de-frost system with drainage

Advantages:

- Ideal for preservation all types of fruit and vegetables
- Long operational life and require minimal maintenance
- Prevent the entry of dust and dirt from outside
- Require very less space and easy to install
- It can be installed at residential area also
- Work like portable cold storage



Fruit Ripening Chamber

A Fruit Ripening Chamber made by PUF insulated sandwich panel to maintain proper cooling and humidity for ripening of various fruits at positive temperature range.

Technical Specifications:

Particular	HIPL-P1500	HIPL-P3000	HIPL-P4500	HIPL-P6000
Dimensions(Feet)	10 x 15 x 10	15 x 20 x 10	15 x 30 x 10	20 x 30 x 10
CFT Value	1500	3000	4500	6000
Temperature Range	15 to 22°C	15 to 22°C	15 to 22°C	15 to 22°C
Refrigeration Capacity	3 TR	5 TR	8 TR	10 TR
Insulation Thickness	60 mm	60 mm	60 mm	60 mm
Power Require	3.2 Kw	6.5 Kw	9.0 Kw	12 Kw

Features:

- Intelligent Temperature control for enhanced shelf life of fruits
- Extreme turbulent air waves across chamber for cooling
- Dimensional accuracy and high performance
- Air tight chambers with specially designed doors
- High humidity coil cooling unit for an excellent performance
- Power full refrigeration system for quick pull down of field heat
- Corrosion resistance and high durability

Advantages:

- Ideal for preservation all types of fruit and vegetables
- Long operational life and require minimal maintenance
- Flexible operation with energy saving technology
- Less power consumption hence low operating cost
- Automatic Ethylene Injection (Optional)
- Web based monitoring (Optional)



Pre-Cooling Chamber

At Hems Infratech Pvt. Ltd., Our Forced Air-Pre-Cooling Chambers are designed to extract field heat from fresh fruits, vegetables and other industrial products. Evaporator units of these chambers are designed to suck hot air through the perforated boxes of commodity so as to attain desired temperature within required pull down time. High humidity levels are also maintained inside the chambers to retain the freshness and self-life of fruits and vegetables and also to avoid weight loss.

Advantages:

- Preventing microbial growth of bacteria and fungi to decreasing decay rate
- Decreasing rate of ethylene production and the impact on sensitive products
- Increasing daily intake into storage facilities which should not exceed 10%
- Conserving the weight of the produce, and enzymatic degradation
- Optimum storage temperature is reached more quickly
- Lowering the required workload of a cold storage
- Restricting and minimizing respiratory activity
- Preventing softening, water loss and wilting
- Delaying chilling injuries for certain fruits



Cold Storage Repairing & Maintenance

When you need service for an industrial cold storage in your facility, it's vital that a technician can respond quickly to keep you operating as efficiently as possible. Hems representatives specialize in industrial cold storage service and repair. Factory-trained and certified service technicians go through extensive training to diagnose and solve problems within whole project like cooler / freezer doors and roll up or high impact doors, leakage problems, drainage repairing work, damage floors or ceiling and also repairing of refrigeration cooling systems.

Cold Room Maintenance:

- PUF Panel Installation and Repairing
- Door Fitting and Repairing
- Leakage Problem Solution
- Ceiling Repairing Work
- Drainage Repairing Work
- View Glass Fitting and Repairing



PUF Panel Partition & False Ceiling (Trunkey Solution)

When you need PUF Panel Partition for an industrial and commercial premise, we will be there to fulfill your requirements. PUF Insulated Sandwich Panel wall and Ceiling enable you to divide your space into two or more zone having different temperature inside. These PUF Panel Partition is weather proof and having very high heat resistance capacity. We are doing these partitions including modular vision panel, fix windows, PUF Doors, HMPS Doors and lightning and others...

Advantages & Benefits:

- 100 % weather proof material with very less weight
- Can be disassembled and can be reused at different location
- Hygienic and Odorless with high load bearing capacity
- Long life and durable with fire resistance and Energy saving

Features:

- PUF Sandwich Panel can be customized to meet client requirements
- Long life span and low maintenance with less energy consumption
- Superior strength, reliability and high impact resistant
- Heat, Oil, Chemicals and Solvents resistance



Rockwool Panel Partition & False Ceiling (Turnkey Solution)

Rockwool Partition is a sound proof partition enables you to divide your space into different zone having different sound level. This Rockwool Insulated Partition can be used for industrial and commercial premises for sound proofing as well as heat resistance. These Rockwool Panel Partition is weather proof and having very high heat and sound resistance capacity. We are doing such projects including wall partition, false ceiling, modular vision panels, HMPS doors, lightening and etc...

Advantages & Benefits:

- 100 % weather proof and fire proof material
- Can be disassembled and can be reused at different location
- Hygienic and Odorless applicable at hot industrial processing areas
- Long life and durable with fire resistance and Energy saving

Features:

- Rockwool Sandwich Panel can be customized to meet client requirements
- Long life span and low maintenance with less energy consumption
- Superior strength, reliability and high impact resistant
- Heat, Oil, Chemicals and Solvents resistance



Pharma Clean Room (Turnkey Solution)

At Hems Infratech Pvt Ltd, Pharma Clean Room Installation is our forte. We can erect anything from pharma manufacturing plants to small clean rooms to large turnkey projects and warehouses. We at Hems Infra, customize each building design to the needs of our customers to ensure the highest levels of customer approval and quality. Our clean room turnkey project includes clean room wall partition, false ceiling, view glass, HMPS clean room doors and ceiling lighting.

Pharma Clean Room includes:

- Labs And Clean Rooms
- Temperature Controlled Space
- Vaults And Special Purpose Rooms
- Manufacturing Premises

What to Expect

- An Energy Efficient Building
- Low Long-Term Maintenance
- Good Looking Building
- Space Efficient
- Ease of Expansion



Porta Cabin / PUF Shelter

Porta Cabins or PUF Shelter are made from 0.5 mm PPGI sheet having 60 mm thickness and also covered with PVC guard film to prevent stretches. In this cabin we use aluminum door with gasket with perfect finishing. This cabin is 100% weather proof and can be install anywhere in open place. In this cabin we are having various sizes according to customer's requirement. Cabin includes wall and ceiling, doors and windows with rain guard, electric wiring, lights and fan.

Features:

- High heat resistance to prevent from outer heat
- Low weight chamber with high strength
- Easy to erect and install within few hours
- 100 % weather proof and air tight chamber

Advantages:

- 100% weather proof and can be install any ware in open place
- Portable structure can be installed easily in very less time
- High heat resistance to maintain inner air cooling
- Lower cost in compare on steel or RCC structure



Pre-Engineered Building (PEB) Shed (Turnkey Solution)

With the aid of our highly experienced professionals, we Hems Infratech Pvt Ltd are instrumental in developing robust grade PEB Shed. Our offered prefabricated structures are thermally insulated which is ideal to render energy efficient performance in industrial and commercial areas. We are offering total turnkey solution for prefab structures with procurement, production, installation and finishing.

Advantages & Benefits:

- Custom built and pre-engineered construction with PUF insulated wall panels
- Light weight wall panels which are easy to lift and erect at any height
- Large view glasses are possible in PUF panels for large eye vision
- Flexibility of expansion and weather proof construction

Features:

- Superior heat reflection and faster implementation
- Unobstructed space and faster completion
- Light in weight and heavy load bearing capacity
- Free movement for effective handling of goods
- Energy efficient roofing and walls
- Remarkable fire resistance



Reach Us...



HO : 212 / 213, White Business Hub, Naroda Dahegam Road,
Hanspura Bus-Stand, Vasant Vihar-2
Ahmedabad-382330

Tel : +91 79 35336860 / +91 8511223223

E-Mail : admin@hemsinfra.com

Mumbai

B/302, Vardhman Nagar,
Dr. R.P. Road, Mulund (W)
Mumbai - 400080

Tel: +91 8511139090

Vadodara

Sanskriti San Milan App.
Nr. Waghodiya Chokdi
Vadodara - 390019

Tel: +91 8511139090

Ankleshwar

45, Madhav Industrial Park,
Near Garden City
Ankleshwar - 393001

Tel: +91 8511139090

Dhoraji

Opp. Atul Oil Cake Ind,
NH-8 Bypass
Dhoraji - 360410

Tel: +91 8511139022