



Doors

- ▶ Swing doors, sliding doors with clear door openings of 24"X72", 30"X72" etc.(Optional)
- ▶ Non-corrosive hinges, door handles and locks
- ▶ View ports provided on the doors(optional)
- ▶ Hatch doors(optional)
- ▶ Self closing : Ensures that the doors remain closed
- ▶ Gasket : Air-tight heavy duty sealing gasket
- ▶ Safety release : Doors can be opened from the inside of emergency

Precision locking Mechanism

- ▶ Each Green Box pre-fabricated insulation panel has cam-action locking devices precisely positioned and firmly anchored within it.
- ▶ All cam-locks are accessible from within by means of a hex wrench provided with the panel.
- ▶ Cam-locks have integral rear flanges to permanently anchor their position during the manufacturing of the PUF panels.
- ▶ Tamper-proof cam-locks.



BEFORE LOCKING THE PANEL



AFTER LOCKING THE PANEL



PUF Panels

The Green Box offers a wide range of Walk-In Coolers and Freezer Rooms in PUF insulated sandwich panels starting from 125 CFT in volume to any volume the customer needs. Each modular cold room's prefabricated insulation panel has cam-action locking devices precisely positioned for enhancing the rooms air tightness.

Insulation	:	Modular cold room panels with rigid polyurethane foam and cam locking facility
Thickness	:	60, 80, 100, 125, 150 and 200mm
Lamination	:	Pre-painted GI on both sides, SS sheet (Grade 202, 304/316), GI plain sheet both sides or combination of any 2 of the above
Floor Finish	:	Aluminum checkered plate with marine plywood, PUF slabs, EPS slabs, XPS slabs, Tarfelt cladding etc. can be provided depending on customer's requirement
Injected Density	:	40Kg/m ³ (+/-2)
Thermal Conductivity	:	0.022W/m ² K
Vapour Permeability	:	5.5mg/PASM
Operational Temp	:	-40°C to +80°C
Fire Resistance	:	PIR panels (Polyisocyanurate) can be provided where a requirement for resistance to fire may be higher

Accessories



Swing Doors :

Opening Size :
Width: 1000/1200/1500/1800 mm
Height: 1860 to 3000 mm
Thickness: 80mm to 200mm
Panel Surface Material: Both side PPGI or SS as per requirement



Strip Curtains:

Semi transparent PVC strip curtain for negative temperature application to reduce heat loss and ultimately save power



Hatch Door:

Opening Size (WXH) : 20"x20", 24x24, 20"x30
Different size hatch door with heavy frame for easy material movement in high turnover ice cream and dairy industries



View Port:

View port with three layer argon filled toughened safety glass which can be visible up to -20°C inside cold room



Pressure Relief Ventilator:

Tri-action pressure ventilator with/without heater to balance pressure and vacuum inside cold room



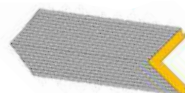
Stainless Steel Racks:

High quality with Robust Shelving system with high standard of hygiene for food safety



Control Panel With IoT:

Our control panels are designed to maximise the performance of all types of refrigeration systems. Optional features of remote monitoring and BMS compatibility are available



Corner Panels:

Specially designed corner panel ensures air tightness between panels and provides uniform straight line. This allows high insulation and thus minimizes the energy consumption in Cold Air Warehouses



OUR PRODUCTS

- Cold Rooms
- Cold Storages
- Blast Freezers & Chillers
- Bulk Milk Chillers
- Curd Incubation Chambers
- Proofing Chambers
- Fruit Ripening Chambers
- Refrigeration De-humidification systems
- IQF (Spiral & Tunnel)
- Ice Flake and Ice Cube Machines
- Environmental Test Chambers
- TDU (Tertiary Distribution Unit)
- Reefer Trucks
- Rapid Rate Thermal Cycling Chambers
- ESS Chambers for Temperature, RH & Altitude
- Stability Chambers
- Humidity Chambers
- BOD Incubators
- Co2 Incubators
- Photo stability Chambers
- Low & Ultra Low Temperature Freezers
- Freezers (-20 Deg C to -180 Deg C)
- IOT Enabled Eye Box
- High Efficiency Refrigeration Based Temperature and Low RH Maintenance Systems

OUR NETWORK



A division of **Rockwell Industries Ltd.**
Next-Gen Cooling Solutions Since 1986

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