



## Modular Cold Room

Stores freshness.  
And then preserves it.



Blue Star, India's largest air conditioning and commercial refrigeration company presents Modular Cold Rooms. Being modular in nature, it is scalable as per your requirement. It comes with a new range of eco-friendly pre-fabricated panels and with options of positive and negative temperature refrigeration units, which are technically advanced. Its heavy duty, flush-fit doors come with a thermal perimeter to avoid thermal conductivity. Giving you the unbeatable advantage of cold room facility and end-to-end solutions from a single brand for your preservation needs.

## PANELS



Blue Star's new range of pre-fabricated insulation panels are eco-friendly from the ground-up, as even the manufacturing process is green. Each pre-fabricated insulation panel has cam-action locking devices precisely positioned and firmly anchored within it. Cam-locks are also placed at exact matching locations on the tongue and groove side to ensure perfect locking.

## DOORS

Flush-fit doors: Aesthetic, efficient, heavy-duty flush-fit doors with thermal break perimeter to avoid thermal conductivity, which otherwise leads to ice formation.

- Self-closing - Ensures that the door remains closed
- Safety release - Doors can be opened from inside
- Posi Seal - Provides perfect alignment of frames and ensures perfect closing movement
- Sweep gasket - Air-tight heavy-duty sealing gasket below the door remains flexible at any temperature

The domain expertise of Blue Star's Cold Storage Division extends across a wide spectrum of industries that includes:

Agro Industries
Cold Chains
Dairy
Floriculture
Food Processing

Healthcare
Horticulture
Hotels & Restaurants
Ice Cream
Industrial Canteens

Meat Processing
Pharmaceuticals
Ripening Chambers
R & D Labs
Sea Food

## EVAPORATING UNIT



### Capacities

- +ve temperature Evaporating Unit: 6000-80000 BTU/hr
- Medium temperature Evaporating Unit: 12000-35000 BTU/hr
- -ve temperature Evaporating Unit: 6000-24000 BTU/hr

### Features



Stainless Steel Body (SS304) for enhanced durability and strength



Inner grooved copper tube for superior heat transfer



Removable side panels for easy service and minimum down time



Defrost heater within the coil in low and medium temperature units to ensure total defrost

## CONDENSING UNIT

Compressor types: Hermatic Scroll/Hermatic Reciprocating/Semi Hermatic Reciprocating.



### Capacities

- + ve temperature Condensing Unit: 6000-80000 BTU/hr
- - ve temperature Condensing Unit: 6000-55000 BTU/hr

### Features



Energy-efficient compressors



Powder coated body makes these units UV and corrosion-resistant



Pre-charged unit with service valves



Weather-proof polyester powder coated canopy

## CONTROL PANEL



Blue Star's +ve temperature control panel is a two-compressor controller with separate set points and differentials for each compressor.

- HACCP provision (available in model 52H)
- BMS compatibility (available in model 52H)



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