



Ice Make is a manufacturer of best quality Refrigerated Container for Transportation with Temperature (+12°C to -25°C) for all perishable foods on all types of vehicle as Small, Mini Truck & Heavy Loading Truck.

**LOW WEIGHT**

**HIGH STRENGTH**

**BETTER INSULATION**

## GRP Refrigerated Container

**Bharat Benz 3123R**



**Mahindra Bolero Pickup**



**Mahindra Imperio**



**Bharat Benz 1617**



**Ashok Leyland ECOMET 1214**

<b>Type of Construction</b>	Heavy Structure with Pre-Fabricated Jointless GRP (GLASS-FIBER REINFORCED PLASTIC) Single Panel All Side Panels & Top Panels made with Wooden Structure and Bottom Panel with Metal Structure.
<b>Wall Thickness</b>	Insulated wall thickness 80mm (Small Vehicle), 100mm (Mini Truck) & 125mm (Heavy Loading Truck)
<b>Surface Material</b>	<b>Outside</b> GRP Skin Thickness as per Requirement (1.5 mm to 2 mm) or S.S Grade 304 Thickness 0.5 mm <b>Inside</b> GRP Skin Thickness as per Requirement (1.5 mm to 2 mm) or S.S Grade 304 Thickness 0.5 mm
<b>Type of Floors</b>	We are providing, <b>Outside GRP sheet</b> , Thickness (1.5 to 2 mm) & Inside 9mm or 19mm Marine Ply and top material as per below details, <b>Option -1</b> Aluminum Chequered Plate <b>Option -2</b> S.S. Corrugated Profile <b>Outside &amp; Inside GRP sheet</b> , Thickness (1.5 to 2 mm) with Inside 9mm or 19mm Marine Ply and top material as per below details, <b>Option -3</b> Aluminum 'T' profile for easy moving & air rotation <b>Option -4</b> Aluminium Corrugated Profile



Aluminum Chequered Plate



S.S. Corrugated Profile



Aluminum T Profile



Aluminium Corrugated Profile

## Door : Single loft Door For Small Vehicle & Double Loft Door For Mini and Heavy Loading Truck



Double Loft with Window (Fully Open)

### Door & Windows

Single & Double loft (fully open) insulated doors, hatch door (Window) & side door fitted with double gasket with heavy door locking mechanisms for special transport segment. Drop "T" handles gear, Rear door hinges, Rear door hinges bracket, Rubber Gasket Seal.



Side Door

Single Loft Door



### Door Curtain

As per customer requirement, we provide PVC Door curtain and also as per your door size



### Sub-Frame :

Z-section with MS sheet having 4 / 6 / 8 mm thickness.



### Ladder for UP and DOWN on Container

Useful for climbing up-down on container & easily servicing refrigeration unit for large truck.

Totally strong & welded with container.



Rubber Buffer  
Useful for backside protection



Foot Steps :  
Foot-steps with M.S. & Aluminium Chequered Plate



Seal Gaskets :  
Rubber Gasket with 4 lips for better fitment of Door.



Drainage System :  
Made of UPVC & for draining the water coming from system

# TRANSPORT REFRIGERATION



Imported Side Marker Light : Functions as side marker lamp & side reflector



LED Light : Vapor & weather proof LED Light



Radium Line : Front side & back side yellow reflection radium line for night time.



Drop "T" Handles : Trailer door gears made of S.S. material



Rear Door Hinges made of S.S.



Bucket Structure: Design on bended Aluminium panel with 4 mm thickness & SS corner profile for solid covering of container.



Door Frame : Door frame "C" Profile having 2mm SS Sheet.

## Insulated & Refrigerated Mobile Container With GIPP Panel:

Heavy Structure with pre-fabricated Sandwich Panels with Cam lock on all sides all panels fit together by Cam lock, so container becomes air tight fit

### Technical Specification:

**Surface Material** : Outside pre-coated GI sheet skin thickness 0.8mm or S.S grade 304, thickness 0.5 mm. Inside pre-coated GI sheet skin thickness 0.8mm or S.S grade-304, thickness 0.5mm.

**Wall thickness** : 80mm, 100mm & 125mm

**Insulation Density** : 40 Kg ±2 Kg

**Types of Floor** : Inside 19mm Marine Ply with FRP Coating  
 1) Aluminium T Profile  
 2) Aluminium Corrugated Profile  
 3) Aluminium Chequered Plate

**Door:**  
 1) Double Door with S.S Lock Mechanism Accessories  
 2) Single & Side Door with S.S. Lock Mechanism Accessories

**Bucket Structure** : To protect from Vibration on Accident.

**In Optional Accessories** : Strip Curtain, Side Door, Hatch Door, Storage Rack or Shelf (made by S.S. Pipe)

**Base Frame** : Between Container & Chassis, it is made of M.S profile with Laser cut for Aesthetic Look & M.S pipe, Frame will be completed with U bolts & Fasteners.

**Paint** : Weather resistant paint with Primer coating & Smooth finishing.



### Refrigerated Container

#### GRP Container



#### GIPP Container



### Bunk House



## EUTECTIC MOBILE CONTAINER



MINIMUM MAINTENANCE | NO LOAD ON VEHICLE ENGINE | LOWER OPERATING COST

HIGHLY RELIABLE | SUBSTANTIAL POWER SAVING | NO EMISSIONS

ICE MAKE – Eutectic Mobile Container is designed for multi-deliveries of Ice cream, Frozen Foods, Bakery Products and Fruits & Vegetables distribution.



- Assured refrigeration performance with total reliability
- Super-fast temperature pull down up to -24°C
- Suitable for multiple-deliveries door openings
- Unique Eutectic Plate design offers maximum Heat Transfer surface area
- Non-toxic PCM filled in sealed pack - which will not leak

**ICE MAKE** – Eutectic Systems are designed to operate in vehicles that have been suitably insulated for fresh and frozen produce transportation. The Eutectic Plates are mounted inside a chamber which is separate from the main load system. The product inside the storage compartment is cooled as per required temperature either for Frozen Application (-24°C) or Chilled Application (+2°C to +8°C) by the PCM pads. The connected power supply to charge should be 3phase.

## Technical Specification

**Insulation Thickness** : For Frozen Application : 100 mm + 25 mm (Eutectic Plate)  
 For Chilled Application : 80 / 100 mm + 25 mm (Eutectic Plate)

**Refrigeration System** : Air Cooled With Electric Support

**Compressor Type** : Semi-sealed / Scroll compressor

**Unit Running Time** : For Frozen Application : 10 to 12 Hr.  
 For Chilled Application : 4 to 5 Hr.

**Temperature** : For Frozen Application : -24°C after charging & -12°C after 12 To 14 Hr.  
 For Chilled Application : 0°C after charging & +4°C after 4 to 5 Hr.

**Backup time** : For Frozen Application : 12 to 14 Hr.  
 For Chilled Application : 4 to 5 Hr.



## Advantage on Eutectic Vs Diesel Engine Refrigerated Container

Key Points	Eutectic Mobile Container	Diesel Engine Operated Container
Vehicle Engine Maintenance	Low (No load on Vehicle Engine)	High (Totally runs on vehicle engine)
Reefer Unit Maintenance	Easily Available & Repairable by Local Technician	Repairable by Company's Technician only & High Cost
Carbon Emission by Reefer Unit	Zero	High

\* Suitable Up to 14 Feet Vehicle

