



CELCIUS
REFRIGERATION

A Complete Turnkey Solution
Provider in the Cold Chain Industry



Solutions We Provide

✓ Cold Storage | ✓ Refrigeration Systems | ✓ Ripening Chambers
✓ Blast Freezers | ✓ IQF | ✓ Food Processing | ✓ Dairy | ✓ Pharma

www.celciusrefrigeration.com



CELCIUS
REFRIGERATION

VISION

To become the most trusted and valued cold chain refrigeration company by offering innovative and modern solutions while ensuring ideal storage conditions for all perishable products.

MISION

We are committed to delivering high-quality, end-to-end customized cold chain solutions with on-time execution, superior product quality, and excellent after-sales service. Our focus is on achieving sustainable growth while consistently exceeding customer expectations.





ABOUT US

Celcius Refrigeration is a leading Cold Chain Refrigeration Company headquartered in Pune. We provide complete turnkey cold storage solutions including:

- Design
- Installation
- Supply
- Testing & Commissioning

Our expertise includes:

PUF Panels, Insulated Doors, Freon & Ammonia Refrigeration, Blast Freezers, Blast Chillers, Ripening Chambers, Modular Cold Rooms, Food Processing Units & Large Cold Storage Warehousing.

We serve a wide range of industries such as **Dairy, Food Processing, Pharma, Agro, Seafood, Hospitality, Logistics, Retail & E-Commerce**





PRODUCTS / SERVICES

Insulated PUF Panels

- ▶ PUR/PIR Panels of thickness : 30 mm to 200 mm
- ▶ Available with Cam lock (Discontinuous line) as well as Without Cam Lock (Continuous line)
- ▶ Uniform Density: 4- Kg/m³ + 2
- ▶ Application : Cold Storage/Cold Rooms for Wall, Ceiling, Floor, Dry Warehouses with Roofing Panels. Processing Area/Plants



Insulated Doors

- ▶ Manual Swing / Hinged doors
- ▶ Flush / Overlap doors
- ▶ Hatch Doors
- ▶ Manual Sliding Doors – Horizontal
- ▶ Automatic Sliding Doors (Motorized) – Horizontal



Freon Refrigeration Units

Condensing Units – Key Product Features

- ▶ Designed for high ambient as per Indian Site conditions
- ▶ Equipped with all types of Compressor like Hermetic, Semi-Hermetic, Scroll.
- ▶ Low Power consumption



Evaporator Units – Key Product Features

- ▶ Available with External Rotor Fans/Tube Axial Fans
- ▶ High CFM, High Air Throw
- ▶ Available Temperature range : (-) 40°C To +20°C
- ▶ Available with R404a/ R134a/R22 Gas



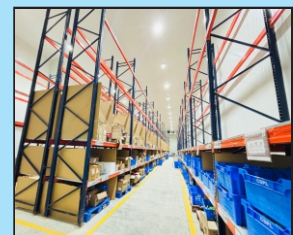
Ripening Chambers – Key Features

- ▶ Specially designed Refrigeration Systems for temperature +15°C to +25°C
- ▶ Humidity Control (Range 85% to 95%)
- ▶ Specially designed - Air tight Chambers for Ripening process.
- ▶ Easy Gas Control System (Ethylene – a natural gas) for high quality output fruits.



Blast Freezer & Blast Chiller – Key Features

- ▶ Capacity Range : 500 Kgs to 5000 Kgs/Batch
- ▶ Temperature Range : -30°C to -40°C for Blast Freezer
+20°C to -5°C for Blast Chiller
- ▶ Available for various applications like, Food processing, Frozen Fruits, Chicken & Meat Processing, Curd / Paneer Blast & many more applications.
- ▶ Rapid Pull Down time from 2 Hours to 8 Hours to freeze the products



Palletized Cold Storage – Key Features

- ▶ Customized designs for different types of applications as per requirements
- ▶ Various types of Racking solutions – Single Deep, Double Deep, Drive-In Racking





Segments



Dairy Products.

- Modular cold rooms
- Ice cream hardeners
- Fully hygienic, CFC-free construction

Warehousing & Logistics.

- Double deep / drive-in racking
- High CFM cooling
- Compressor rack systems

Pharmaceuticals

- Temperature range: +20°C to -40°C
- Pharma-grade PUF panels
- High thermal efficiency



Banana Ripening

- +15°C to +25°C
- 85–95% humidity
- Airtight chambers
- Natural ethylene gas system



Agro Products

- Humidity control
- Freshness retention
- Energy-efficient systems

Hospitality

- Safe & hygienic cold rooms
- For cooked/semi-cooked food, vegetables, meat, dairy, etc.

Sea Food & Fisheries

- Blast freezers
- Pre-cooling rooms
- IQF solutions



IQF Freezing

- Peas, corn, cut fruits, vegetables
- Seafood freezing



SOME OF THE KEY PROJECTS UNDERTAKEN

LOGISTICS & E-COMMERCE

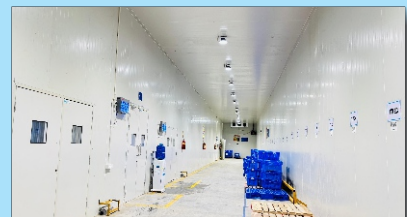
Cold Storage Facility – Navi Mumbai

- 3,000 pallet positions
- 6 chambers
- -25°C to +2°C



Fruits & Vegetables Storage – Navi Mumbai

- 25,000 sq ft Tropical (+15°C)
- 7,500 sq ft Chiller (+2°C)



Integrated Cold Chain Facility – Pune

- 2,000 pallet positions
- 9 chambers
- -25°C to +2°C
- Tropical: 50,000 sq ft (+15°C)
- 4 Chambers



DAIRY INDUSTRY

Dairy Plant – Rajgurunagar

- Curd blast chiller
- (15 MT/Batch)
- Pull down time 6 hours from +45°C to +4°C



Katraj Dairy – Pune

- Cold Room: +2°C
- Deep Freezer: -25°C





DAIRY INDUSTRY (Continued)

Ambikapur, Chhattisgarh

- Incubation Room: 2 MT (+45°C)
- Butter Cold Room: 25 MT (-25°C)
- Milk Room: 15,000 ltrs (+2°C)



FOOD & POULTRY PROCESSING

Chicken Processing – Baramati

- 2,500 sq ft
- +15°C processing temp



Food Processing – Saswad

- Blast Freezer: 2 MT (-40°C)
- Cold Store: 50 MT (-25°C)



Chicken Processing – Hyderabad

- Blast Freezers: 2 MT, 3 MT, 5 MT (-40°C)
- Cold Store: 200 MT



INSTITUTIONAL

Hospital – Pune

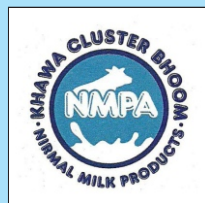
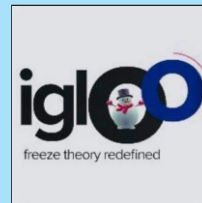
- Modular cold rooms for canteen
- For fruits & vegetables





CELCIUS
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OUR CUSTOMERS



Contact Us

M/S. CELCIUS REFRIGERATION

Office No. 1011, 10th Floor, City Avenue,
Survey 131, Near Sayaji Hotel, Wakad. Pune - 411057

Mobile :- +91-9158999282

Email : info@celciusrefrigeration.com

www.celciusrefrigeration.com