

RINAC COLD AND CLEAN SOLUTIONS



WE
CUSTOMISE
YOUR
THOUGHTS ...



COLD ROOM AND FREEZER ROOMS
FOR MILK & MILK PRODUCTS.

Today, India is "The front-runner" of the global dairy industry. It offers opportunities in abundance to entrepreneurs worldwide, who wish to capitalize on one of the world's largest and fastest growing producer for milk and milk products. The Indian dairy industry is rapidly growing, trying to keep pace with the galloping progress around the world. But the challenges are ,Per capital consumption is below world average ,Regional disparities in production and consumption, this seriously address the need for a novel cold chain infrastructure and preservation methods , which in turn assures availability, acceptability and affordability of produce. That's what RINAC clean and cold solutions promise to equilibrate with.

HOW DO WE CUSTOMIZE YOUR THOUGHTS...

- Concept to completion support
- Rack type refrigeration for varied load energy efficiency
- Cooling & Freezing Equipments designed for Indian Ambient conditions
- Customised for swift temperature pull down needs
- Chutes to ensure cargo is not exposed
- Provision for temperature mapping and data mining
- Dairy Graded construction
- Thermal Efficient Material of Construction
- Eco-Friendly CFC free Insulation
- Expandable and re-locatable construction
- Customised and concealed utility provisions
- FDA approved construction



COMPREHENSIVE RANGE, FINELY-ENGINEERED FEATURES

RINAC'S COLD ROOM SOLUTIONS ARE USED TO STORE MILK, MILK PRODUCTS & CONFECTIONARY. NATURALLY, THEY ARE DESIGNED TO BE SAFE AND USER-FRIENDLY, WHILE ALSO BEING ENERGY-EFFICIENT, WORLD-CLASS PERFORMERS.

PANELS

- Pre-fabricated, insulated, metal laminated panels best suited for freezing and chilling
- Rigid Polyurethane Foam (RPUF) insulation
- Pre-Painted Galvanised Steel (PPGS) or Stainless Steel (SS) metal laminate
- Insulation thickness from 60mm up to 200mm
- Panel width of 1200mm
- Panel length up to 12500mm
- Joinery through camlocks and finished with a silicone sealant

DOORS

- Pre-fabricated, insulated doors with great features
- Swing, sliding, roll-up types
- Non-corrosive, non-metallic hinges, door handles, and locks

- Self-closing hinges
- Heaters on door leaf and frame
- Audio alarm for 'door-open' condition
- View port with anti-condensate glass
- Lock defeat mechanism
- Positive seal mechanism for all door types to avoid cold air loss

FLOORS

- A range of floors for various applications
- Aluminium/ SS checkered plate for dry and light-weight operations
- Bituminous felt with PCC floor for heavy and wet operations
- Altro-vinyl floors for heavy traffic operations
- Floor breathers and heaters where applicable

COVINGS

- A must for all who value hygiene
- Food grade PVC or metallic covings
- Wall-to-wall, wall-to-ceiling, and wall-to-floor covings available
- Cornice cups to ensure three-dimensional integration at the corners of the cold room

ELECTRICALS

- Rinac cold rooms come fitted with:
- IP 54 or more protected light fittings
- Shatter-proof polycarbonate cover glass, which is professionally designed for cold room lighting
- Weather-proof switches, where required
- Embedded conduit for wiring
- Safety devices like relays, SPPs, and timers
- Alarm annunciators
- IP 55 control panel, built-in with condensing unit

STATE-OF-THE-ART REFRIGERATION SYSTEMS:

- Hermetic or semi-hermetic compressors
- Air-cooled or water-cooled condensation systems
- High efficiency evaporators equipped with auto defrost features
- Hot gas defrost
- All metallic casings are in galvanised steel with powder-coating finishes. This enables them to withstand H500 SS test
- Safety systems like high and low pressure cutouts, microprocessor-based thermo controls
- Drain-tray and drain-pipe heaters
- Vibration eliminators in refrigerant piping
- Temperature controllers
- Humidification systems with indicators and controllers

ACCESSORIES AND CUSTOMISATIONS

- Fine-tuned to match needs:
- Pressure relief valves for freezer rooms
- Push and kick plates for doors
- Ramp for entry at door
- Strip curtains to operate at freezing temperatures without stiffening
- Hatch doors
- Air curtains



STORAGE FREEZERS | HARDENING CHAMBERS CANDY BRINE CHILLERS





We, at Rinac, begin with seamless solutions for cold chain and modular construction. Soon, a relationship develops, empowered by our domain expertise, service excellence, and customising capabilities. As the bond deepens, you will discover that we invest in curiosity, innovation, and ingenuity; constantly questioning perfection, and leveraging our resources to nurture each relationship into a win-win proposition. What's more - warm, pro-active support is always just a call away through RinaCare, our dedicated relationship service group.

For about a decade and half, Rinac has been the chosen partner for industry leaders, providing an unrivalled range of solutions and superior value. But that's just the tip of the iceberg.

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ENGINEERING EVOLUTION

