

# Rinac offerings for Industry Segments and Applications: A READY RECKONER



## APPLICATIONS IN Agriculture / Horticulture

### Cold solutions: Storage

- Temperature controlled high humidity cold storage to store potatoes, grapes, strawberry, apples etc,
- Temperature controlled cold storages for raisins, chilli, dry fruits etc
- Controlled atmosphere (CA) cold storage chambers for apples, pears etc
- Storage Racks/ Mezzanine facility in the cold storages
- Air cooled/Water cooled Freon based refrigeration system, condensing units & evaporating units
- Ammonia based refrigeration systems
- Tissue culture storage
- Refrigerated transport vehicles
- Multi-compressor rack refrigeration system

### Cold solutions: Process

- Banana/ Mango / Fruits ripening rooms
- IQF for Peas freezing
- IQF for Cut vegetables and Fruits Freezing
- Pre coolers



### Engineering solutions

- Pack Houses
- F & V Retail Outlets





## APPLICATIONS IN Ready to Cook/Ready to Eat

### Cold solutions: Storage

- Positive temperature and negative temperature Palletized cold storage rooms
- Air cooled/Water cooled Freon based refrigeration system, condensing units & evaporating units
- Ammonia based refrigeration systems
- Refrigerated transport vehicles
- Multi-compressor rack refrigeration system

### Cold solutions: Process

- Indigenous IQF
- Refrigeration system for liquid Co2 storage tank
- Low humidity processing hall for confectionary and allied industry

### Engineering solutions

- Clean-zone construction for process halls for food processing units, bottling units etc using RPUF/ PIR sandwich panels, walls, ceilings and doors , which meet the good manufacturing practices and HACCP requirements
- Walk-on ceilings to attend to overhead utility services



## APPLICATIONS IN Marine Processing

### Cold solutions: Storage

- Positive temperature and negative temperature Palletized storage rooms
- Selective/ Mobile/ Drive-in storage racks
- Air cooled/Water cooled Freon based refrigeration system, condensing units & evaporating units
- Ammonia based refrigeration systems
- Refrigerated transport vehicles

### Cold solutions: Process

- Indigenous IQF for marine products like shrimp, fish and allied products
- Ammonia based pumped over feed Air cooled /Water cooled refrigeration system for blast freezers and IQF
- Flake ice and tube ice machines
- Plate freezers

### Engineering solutions

- Docking solutions
- Clean-zone construction for process halls using RPUF/ PIR sandwich panels, walls, ceilings and doors , which meet the good manufacturing practices and HACCP requirements



## APPLICATIONS IN Airport Cargo, 3PL Logistics

### Cold solutions: Storage

- Positive temperature and negative temperature palletized storage rooms with inward and outward facility as per customs regulation
- Refrigerated cargo loading trolleys
- Air cooled/Water cooled Freon based refrigeration system



### Engineering solutions

- End to end clean construction offerings for air cargo stations
- Clean-zone construction for cargo halls using RPUF/ PIR sandwich panels, walls, ceilings and doors, which meet HACCP requirements
- Selective racking/ drive-in/ mobile racking



## APPLICATIONS IN Seed, Tissue Culture, Spices processing & Storage

### Cold solutions: Storage

- Low humidity storage with substantial power saving and automatic reliable refrigeration units and data monitoring and acquisition facility
- High humidity germination rooms
- Temperature and humidity controlled tissue culture rooms
- Selective storage racks, mobile racks, mezzanine facility in the cold storages
- Air cooled/Water cooled Freon based refrigeration system, condensing units & evaporating units
- Refrigerated transport vehicles





## APPLICATIONS IN Healthcare

### Cold solutions: Storage

- Walk-in temperature and humidity controlled stability chambers for accelerated testing for pharma products with data acquisition as per CFR-21 compliance
- Low temperature clean freezer rooms and cold rooms with flame proof fittings with data acquisition and retrieval
- Selective racking/ mobile racking/ mezzanine facility in cold storage
- Docking stations
- Air cooled/Water cooled Freon based refrigeration system
- Ammonia based refrigeration
- Refrigerated transport vehicles

### Engineering solutions

- Clean-zone construction and class 100,000 clean room construction
- Clean-zone construction using RPUF/ PIR sandwich panels, walls, ceilings and doors, which meet HACCP requirements



## APPLICATIONS IN Dairy-Milk & Milk products

### Cold solutions: Storage

- Temperature controlled milk, butter, curd, paneer, cheese cold storage
- Low temperature ice cream cold storage
- Selective racking/ mezzanine/ mobile racking facility in cold storage
- Docking stations
- Air cooled/Water cooled Freon based refrigeration system
- Ammonia based refrigeration
- Refrigerated transport vehicles

### Cold solutions: Process

- Curd incubation rooms
- Palletized blast chiller for curd
- Ammonia based pumped Air cooled/ Water cooled refrigeration system for IBT and for all other cooling applications
- IQF and Blast Freezer for ice cream hardening

### Engineering solutions

- Clean-zone construction for cheese processing plants, milk powder plants, ice-cream manufacturing units using RPUF/ PIR sandwich panels, walls, ceilings and doors, which meet HACCP requirements
- Pre-fabricated, non-corrosive, modular, pre-insulated ice bank tanks (IBT)



## APPLICATIONS IN Poultry & Meat processing

### Cold solutions: Storage

- Positive temperature and negative temperature palletized cold storage rooms
- Selective racks/ mobile racks/ drive-in racks/ mezzanine for cold storage
- Air cooled/Water cooled Freon based refrigeration system
- Ammonia based refrigeration
- Refrigerated transport vehicles

### Cold solutions: Process

- Ammonia based pumped over feed Air cooled/Water cooled refrigeration system for blast freezers and IQF

### Engineering solutions

- Clean-zone construction process halls and poultry pens using RPUF/ PIR sandwich panels, walls, ceilings and doors, which meet HACCP requirements



## APPLICATIONS IN Retail

### Cold solutions: Storage

- Walk-in cold rooms for distribution centres and central conditioned warehouses
- Retail dispensing/ display units
- Standalone/ rack based Freon based Air cooled/Water cooled refrigeration system



### Engineering solutions

- Modular prefabricated retail stores as per customer's design requirements
- Prefabricated buildings, highway restaurants, highway retail stores



## APPLICATIONS IN Central/ Commissaries/ Cloud/ Flight Kitchen

### Cold solutions: Storage

- Multiple cold rooms for raw material cold storage, WIP products storage, FG cold storage, and customs bonded storage etc., in hot kitchen and cold kitchen
- Selective racks for cold storages
- Air cooled/Water cooled Freon based refrigeration system
- Refrigerated transport vehicles

### Cold solutions: Process

- Blast chillers
- Blast freezers

### Engineering solutions

- Clean-zone construction for flight kitchen using RPUF/ PIR sandwich panels, walls, ceilings and doors, which meet HACCP requirements



## APPLICATIONS IN Social Amenities

### Engineering solutions

- Prefabricated modular and mobile ICU
- Prefabricated primary health centres
- Prefabricated, modular self-cleaning automated public wash rooms
- Prefabricated buildings and resort



## APPLICATIONS IN Telecom

### Engineering solutions

- Modular, pre-fabricated tele shelter construction using RPUF/ PIR sandwich



## APPLICATIONS IN Hospitality

### Engineering solutions

- Modular cold room for main kitchen, satellite kitchen and banquet kitchen
- Garbage cold storage
- Air cooled/Water cooled Freon based refrigeration system

# OUR CLIENTELE



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