

DATA SHEET

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| Temperature Range | Up to -80°C |
| Inner Chamber | Made of Stainless Steel SS-304, 22 SWG |
| Outer Chamber | Made of Powder Coated CRCA sheet, 18 SWG |
| Powder Coating thickness | 80 Microns after 7 tank process of phosphating |
| Insulation | 150 mm thick Polyurethane Foam (PUF) insulation |
| Shelves / Trays | One fixed shelf and other adjustable shelves made of SS-304 (22 SWG) |
| Sub-doors | Made of Poly-acrylic sheet of 8 mm thickness |
| Hot Line | Anti-moisture entry using hot line at the mouth of the cabinet |
| Compressors | Hermetically sealed compressors from Danfoss, Germany / Tecumseh, France |
| Refrigerants | High Stage: R-404A & Low Stage: Suva 95 from Dupont, USA |
| Heat Exchanger | Imported Brazed Plate Heat Exchanger |
| Condenser | Air-cooled condensers with grooved Aluminium fins for effective heat transfer. |
| Copper coils | 99.97% pure copper coils |
| Condenser Fan | Continuous rated from ebm, Germany |
| Controller | Microprocessor based temperature controller with digital display from Autonics, Korea |
| Sensor | Fast response Pt-100 RTD sensor |
| Alarm | Audio-visual alarm for deviation from set conditions |
| Safety | 1. Both Compressors provided with High Pressure cutout. 2. Safety controller for interlock between high and low stage. 3. Temp controller and compressors provided with Fuses |