

## DATA SHEET

Temperature Range	-36°C to -40°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	100 mm thick Polyurethane Foam (PUF) insulation
Shelves / Trays	One fixed shelf and two or three adjustable shelves made of Stainless Steel SS-304 (22 SWG)
Sub-doors	Made of Poly-acrylic sheet of 6 mm thickness
Hot Line	Anti-moisture entry using hot line at the mouth of the cabinet
Compressors	Hermetically sealed compressor from Danfoss, Germany / Tecumseh, France
Refrigerant	R-404A
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
Sensor	Fast response NTC Thermistor / Pt-100 RTD sensor
Alarm	Audio-visual alarm for deviation from set conditions
Safety	Temp controller and compressors provided with Fuses