

ULTRA-LOW TEMPERATURE UPRIGHT SINGLE DOOR FREEZER (-80°C)

Specifications:

Temp.Range	: -60°C to -85°C
Capacity	: 500-600 litres
Display	: LED display
Accuracy	: $\pm 1^{\circ}\text{C}$
Refrigerant	: CFC free (please specify the refrigerant used)
Construction	: Exterior: Stainless Steel with powder coated paint Interior: Polished stainless steel
Shelves	: Minimum 4 nos.
Insulation	: Vacuum
Inner Doors	: Insulated inner doors min 4 nos.
Ambient temperature	: 32°C or more (power consumption of the freezer to be indicated at 32°C ambient temperature)
Cooling System:	: Cascade cooling system with required features.
<u>Noise</u>	: ≤ 57 dBA

Other Important Requirements:

- The Freezer should have Audible and Visual Alarms facility for the indication of high and low temperature conditions, power failure, low battery.
- Automatic Restart with non-volatile memory, in order to retain user programmed set points levels after power interrupt.
- Battery backup for the display of temperature and activation of alarm during power outages.
- A freezer with password protection for temperature & alarm set-points, data logging facility may be preferable.
- Local Service Support should be within 24 hours.
- Three years comprehensive warranty with 2 years free AMC
- Five years warranty for compressor