

RDBL-34080 DEEP FREEZER -80



Description:

Ultra-Low Temperature (ULT) freezers are specially designed for faster Temperature Pull down & optimized cryopreservation's highly sensitive Microprocessor based control ensure precise temperature management at -86 °c recommended ambient temperature <27°c

Salient Features:

- Efficient CFC free insulation with high core density reduces temperature loss
- Optimized compressor run ensures energy efficiency
- Hot line across the door assembly to prevent frost formation
- Efficient CFC free dual refrigeration system ensures fast temperature pull Down
- Quadruplicate step silicon rubber gasket for complete insulation
- Independent internal foamed doors with plastic handle



- Smart Handle with LED door closure indication
- Port for calibration probes / safety back up
- Audio Visual alarms for
 - <Temperature high / low
 - < Power failure
 - < Door Open
 - < Compressor on (only visual)
 - < Power on (only visual)
- Settable points of
 - < Temperature high / low
 - <High / low temperature alarm point
- Rounded inner chamber for easy cleaning
- Attractive door profile

Technical Specifications:

| | | | |
|--|---|-------|-------|
| Internal Volume(Liters) | 95 | 185 | 350 |
| No. of trays | 2 | 3 | 6 |
| No. of Internal Doors | 1 | 2 | 4 |
| Operating Temperature range | 45°C to -86°C | | |
| Insulation (CFC free polyurethane foam) | Body : 150mm Sides , 300 mm back , Door : 110mm | | |
| Temperature Control | Microprocessor with PT-100 sensor | | |
| Display | 4" LCD | | |
| Power Failure Alarm | Audio Visual Alarm | | |
| Door Open Alarm | Audio Visual Alarm in case door open for over one minute | | |
| Internal Body Material | S.S. 304 (AISI Grade, Non-Corrosive, Non-Magnetic) | | |
| External Body Material | Power Coated CRCA Steel | | |
| Noise Level | Less than 65 dB(A) | | |
| Battery Backup | Rechargeable, Back Up 8 Hours (For alarm system & temperature Recorder) | | |
| Recommended Voltage Stabilizer | VS-05 | VS-06 | VS-07 |