



Email : sales@laboratoryinstrumentindia.com

Product Name :
Refrigerator

Product Code :
LBNY-0001-800004



Technical Specification :

Refrigerators with temperature range +2°C to +8°C Degree Celsius for pharmaceutical laboratory applications
Refrigerators comply with regulatory guidelines and strict temperature requirements necessary for temperature sensitive storage needs.

Applicable pharmaceutical laboratory applications including pharmaceutical storage.

Feature a slim, space-saving profile for easy retrieval of products, without the concern for swinging door clearances, a chemical resistant stainless steel interior for years of good use, and 10 polyester coated, adjustable wire shelves.

Gentle air circulation to provide uniform top to bottom temperature control after frequent door openings>

Advanced temperature controls, precise uniformity & temperature stability, alarms and monitoring.

Multiple sensors to display or control the temperature;

Temperature recorders monitor system.

Ergonomic Design

Safety door lock, preventing unauthorized access;

Auto defrost function

Inner LED lighting and caster design;

No condensation glass door;

Adjustable shelf design?

Foaming door;

Stopper on rear against back wall.

Capacity: 36.5 cu. ft. / 1033L

Temperature range: +2°C to +8°C with an increment of 0.1°C

Power consumption: 170 watts

Normal consumption: 1.03 kWh/24 h

Heat emission (max.): 250 watts
Exterior dimensions (including door handle and distance from wall) w x d x h = 74 x 75 x 181 cm
Exterior dimensions with door open at 90°C: w x d = 74 x 139 cm
Shelf size w x d = 59 x 50 cm
Drawer inner dimensions w x d x h = 57 x 43x5.6 cm
Control
Controller: Microprocessor, non-volatile memory
Display: LCD touch panel
Temperature sensor: Pt-1000 (platinum resistance 1000 ohms)
Refrigeration
Cooling method: Forced cool air circulation
Defrost method: Forced type, fully automatic
Refrigerant: R-513A (Complies with Art. 11, Annex III of F-Gas Regulation (EU) No 517/2014. Contains fluorinated greenhouse gases)
Construction
Exterior material: Painted stainless Steel
Interior material: Painted stainless Steel
Outer doors: 2 sliding doors (Double pane glass window with heat reflecting film)
Outer door Lock: yes
Shelves(qty): 5 wire shelves, polyester-coated
Drawers(qty): 5 wire shelves +5 sliding racks
Max. load - per shelf/drawer: 40-45kg
Max. load – total: 200-230kg
Interior material: Painted stainless Steel
Access Port
Position: Left
Diameter: 10-20mm
Casters(qty): 4
Interior light: Fluorescent
Alarms/Safety Control
Power failure: Visual Alarm, Buzzer Alarm & Remote Alarm
High temperature: Visual Alarm, Buzzer Alarm & Remote Alarm
Low temperature: Visual Alarm, Buzzer Alarm & Remote Alarm
Filter less design
Electrical and Noise Level
Noise level (Nominal value- background noise 20dB[A]) 42-48dB
Temperature: 5 ... 40 °C
Relative humidity: 5 ... 80% (non-condensing)
Altitude: Up to 3000 m above sea level
Electrical 220 ±10 ACV, 50 Hz



Laboratory Instrument India