



# -86 °C Upright ULT freezer LB-21UUF



## Overview :

-86 °C Upright ULT freezer LB-21UUF is a standard single solid door standalone freezer equipped with electronic temperature control. Direct-cooling ensures consistent performance at utmost efficiency for prolonged refrigeration. Shelved platform with partition facilitates organized storage compatible with sample standards. System alarms include high or low set temperature limits, sensor fail or temperature controller and open ajar conditions.

## Specifications :

Storage capacity	188 L
Shelves	2
External size	830 × 810 × 1607 mm
Internal size	465 × 465 × 630 mm
Temperature range	-40 °C to -86 °C
Temperature sensor	PTC
Evaporator	Copper coiled tube
Condenser	Copper type Brass aluminum fin
Compressor	1
Refrigerant	Mixed
No. of test hole	2
Diameter of test hole	25 mm
Noise	60 dB
Power consumption	8.2 kWh
Power supply	220 V / 50 Hz ; 3.3 A
Power	610 W
Weight	150 kgs

## Features :

1. Capacity : 188 L
2. Direct cooling technology with manual defrost
3. Consistent performance during long-term refrigeration
4. Digital control panel for temperature monitoring and alarms
5. Durable casters for mobility
6. Latched door-lock for dependable sample protection

## Applications :

Used in diagnostic laboratories, clinical pathology laboratories for standardized storage for temperature sensitive specimen, enzyme, reagents, and other bio-chemical products used for research applications.

## Optional Module:

Module No.	Module Name
ATR-10	Thermal Recorder
COB-10	CO2 Backup system
LNB-10	LN2 Backup system