



**-40°C Upright Freezer LUF-B30**

-40°C Upright Freezer LUF-B30 is an upright type undercounter ultra-low temperature freezer, comes with 90 L of capacity and microprocessor-controlled system for -20 to -40°C of temperature range. Features direct cooling method with manual defrost mode and -40°C of cooling performance. Equipped with R290 refrigerant, EBM fan and branded compressor, has digital temperature display and keyboard lock function. Designed with powder coated materialized housing and aluminum plate with spraying interior, has 3 shelves and two-layer thermal insulating foamed door. Incorporated with advanced alarm system and turn-on delay and stopping interval protection function, it is a high-quality freezer with stable performance.

### FEATURES

- ▶ An upright type undercounter ultra-low temperature freezer with 90 L of capacity
- ▶ Microprocessor-controlled system for -20 to -40°C of temperature range
- ▶ Direct cooling method with manual defrost mode and -40°C of cooling performance
- ▶ R290 refrigerant, EBM fan and branded compressor, high-efficient refrigeration
- ▶ Digital display for temperature with keyboard lock function, convenient operation
- ▶ Powder coated materialized housing and aluminum plate with spraying interior
- ▶ 3 shelves and two-layer thermal insulating foamed door, storage with effective insulation
- ▶ Advanced alarm system and turn-on delay and stopping interval protection function
- ▶ High-precision, efficient and stable high-quality freezer for sample storage

### APPLICATION

-40°C Upright Freezer is used for scientific research, cryogenic test on special materials, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. across research institutions, the electronic industry, the chemical industry, hospitals, the health, & disease prevention system, laboratories in colleges & universities, military enterprises, etc.

**SPECIFICATION**

| MODEL                       | LUF-B30   |
|-----------------------------|---|
| Cabinet Type                | Upright   |
| Capacity                    | 90 L  |
| Temperature Range           | -20° to -40°C                                   |
| Ambient Temperature         | 16° to 32°C                                     |
| Cooling Performance         | -40°C   |
| Cooling Method              | Direct cooling                                  |
| Defrost Mode                | Manual  |
| Refrigerant                 | R290  |
| Climate Class               | N   |
| Controller                  | Microprocessor                                  |
| Display                     | Digital display                                 |
| Compressor                  | 1 pc  |
| Alarm System                | High/Low temperature, Sensor failure, Door ajar |
| External Material           | Powder coated material                          |
| Internal Material           | Aluminum plate with spraying                    |
| Insulation thickness        | 100 mm  |
| Shelves                     | 3 (ABS)   |
| Casters                     | 2+ 2 (leveling feet)                            |
| Door lock with Key          | Yes   |
| Access Port                 | 1 pc Ø 25 mm                                    |
| Power Supply                | 220 V 50 Hz                                     |
| Rated Current               | 1.33 A  |
| Internal Dimension (W×D×H)  | 500×485×532 mm                                  |
| External Dimension (W×D×H)  | 700×669×854 mm                                  |
| Packaging Dimension (W×D×H) | 765×735×935 mm                                  |
| Net Weight                  | 54 kg   |
| Gross Weight                | 60 kg   |