



- 40 °C Upright Freezers LUF-B25

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- 40 °C upright freezers LUF-B25 is a microprocessor temperature controlled freezer of 778 L capacity with direct cooling method and manual defrost mode. High-quality steel plate structure with phosphate coating, galvanized steel liner and low noise design creates a comfortable working environment. It consists of hot gas heating mode for insulated time door heater. Built-in alarm sensors for high temperature, electrical sensors, power failure, condenser cooling failure, door ajar. Refrigerant used is Freon free for fast cooling and environment friendly usage. It is ideally used in cryogenic tests, scientific research, research institutes, electrical industry, hospitals, etc.

Features

- Capacity: 778 L
- Microprocessor temperature control system
- Use of Freon free refrigerant R507
- Manual defrost mode
- Direct cooling method
- Different alarm sensors for system failure, power failure and temperature failure
- Double layer thermal insulation system for door
- Chart recorder (optional)
- Digital display for temperature observation
- USB used a data logger

Application

Widely used in scientific research, cryogenic test on special materials, blood plasma cryopreservation, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. Also used in research institutions, the electronic industry, the chemical industry, hospitals, the health & disease prevention system, laboratories in colleges and universities, military, etc.

Specifications

| | |
|---------------------------------|---|
| Model No | LUF-B25 |
| Capacity | 778 L |
| Cabinet type | Upright |
| Controller type | Microprocessor |
| Number of shelves | 3 |
| Temperature range | - 10 °C to - 40 °C |
| Ambient temperature | 10 °C to 32 °C |
| Cooling performance temperature | - 40 °C |
| Compressor | 1 pc |
| Cooling method | Direct cooling |
| Defrost mode | Manual |
| Refrigerant | R507 |
| Insulation thickness | 130 mm |
| Display | Digital |
| External material | High quality steel plates with spraying |
| Internal material | Galvanized steel sheet |
| Output | USB |
| External dimensions (W × D × H) | 865 × 696 × 1286 mm |
| Internal dimensions (W × D × H) | 1205 × 1025 × 1955 mm |
| Packing dimensions (W × D × H) | 1270 × 1105 × 2094 mm |
| Net weight | 365 kg |
| Gross weight | 408 kg |

Optional Accessories

| Sr no | Accessory name |
|-------|--------------------------|
| 1. | RS485 communication port |
| 2. | Printer |
| 3. | Chart recorder |