



## **-5/-30°C Upright Freezers LD-LUF-F12**

**Labodam Equipment Ltd.**

**[info@labodam.com](mailto:info@labodam.com) | [www.labodam.com](http://www.labodam.com)**

# -5/-30°C Upright Freezers LD-LUF-F12

## Overview

-5/-30 °C Upright Freezer LD-LUF-F12 is microprocessor controlled unit, comes with 402 L capacity with temperature range of -5 to -30°C. Features forced cooling with automatic defrost system and CFC free refrigerant. The external material of the freezer is made of galvanized steel treated with electrostatic paint for protection against rust and inner surface is made of stainless steel. Freezer comes with 4 wire shelves. Equipped with digital display and advanced alarm system with turn-on delay and stopping interval protection function, has keyboard lock function to prevent unauthorized access.

## Features:

- A microprocessor controlled upright type unit with 402 L of capacity
- Temperature range is -5/30 °C with forced cooling
- CFC free refrigerant with automatic defrost energy efficient and environment friendly
- External material is made up of galvanized steel and inner material is made up of stainless steel
- Insulated with high density polyurethane material
- Negative Temperature Coefficient temperature sensor ensure high-precision temperature control
- Digital display and advanced alarm system, ensures safe and secure storage
- Password protection system to prevent unauthorized access
- Stores data of 30 days in its memory
- The device features a USB output. The user can utilize a USB device to store cabinet degrees on an external flash memory for ten years, and then transfer the excel-formatted data to a PC

## Applications:

-5/-30°C Upright freezer is used for scientific research, cryogenic test on special materials, blood plasma cryopreservation, 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.

## Specifications:

|                    |                     |
|--------------------|---------------------|
| <b>Weight</b>      | 215 kg              |
| <b>Casters</b>     | 2+2 levelling feet  |
| <b>Display</b>     | Digital             |
| <b>Shelves</b>     | 4 pcs wired shelves |
| <b>Capacity</b>    | 402 L               |
| <b>Compressor</b>  | 1 pc                |
| <b>Controller</b>  | Microprocessor      |
| <b>Refrigerant</b> | R404a               |

|                                    |                                                 |
|------------------------------------|-------------------------------------------------|
| <b>Alarm System</b>                | High/Low temperature, Sensor failure, Door Ajar |
| <b>Cabinet Type</b>                | Upright                                         |
| <b>Defrost Mode</b>                | Automatic                                       |
| <b>Power Supply</b>                | 220 to 240 V/50 Hz                              |
| <b>Cooling Method</b>              | Forced Cooling                                  |
| <b>Thermal Printer</b>             | Optional                                        |
| <b>External Material</b>           | Epoxy coated Stainless Steel Material           |
| <b>Internal Material</b>           | Stainless Steel Material                        |
| <b>Temperature Range</b>           | -5/-30°C                                        |
| <b>Door lock with Key</b>          | Yes                                             |
| <b>Cooling Performance</b>         | -30°C                                           |
| <b>Insulation thickness</b>        | 97.5 mm                                         |
| <b>External Dimension (W×D×H)</b>  | 765 x 830 x 1950 mm                             |
| <b>Internal Dimension (W×D×H)</b>  | 570 x 593 x 1190 mm                             |
| <b>Packaging Dimension (W×D×H)</b> | 800 x 850 x 2050 mm                             |