



-25° C Upright Freezer LUF-A20

-25°C Upright Freezer LUF-A20 is a two-chambers comprised upright type microprocessor-controlled unit, offers 450 L of capacity with -25°C of cooling performance and -10 to -25°C of temperature range. Features two compressors for separate temperature control and R600a refrigerant with manual defrost mode. Incorporated with direct cooling method and branded compressor, has advanced alarm system and turn-on delay and stopping interval protection function. Designed with powder coated materialized housing and aluminum plate spraying interior, has 6 shelves in each chamber with 80 mm of insulation thickness for effective thermal insulation.

Features

- ❑ A two-chambers comprised upright type microprocessor-controlled unit
- ❑ 450 L capacity with -25°C of cooling performance and -10 to -25°C of temperature range
- ❑ Two compressors for separate temperature control of both chambers
- ❑ R600a refrigerant with manual defrost mode, energy-efficient
- ❑ Direct cooling method and branded compressor, low-noise operation
- ❑ Advanced alarm system and turn-on delay and stopping interval protection function
- ❑ Powder coated materialized housing and aluminum plate spraying interior
- ❑ 6 shelves in each chamber, convenient and organized storage of samples
- ❑ 80 mm of insulation thickness for effective thermal insulation
- ❑ High-efficient, stable and reliable unit for different samples storage

Application

-25°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

Model	LUF-A20
Cabinet Type	Upright
Capacity	450 L
Temperature Range	-10° to -25°C
Ambient Temperature	16° to 32°C
Cooling Performance	-25°C
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	R600a
Climate Class	N
Controller	Microprocessor
Display	Digital display
Compressor	2 pcs
Alarm System	High/Low temperature, High ambient temperature, Power failure, Low battery, Sensor failure, USB data-log failure, Door ajar, Main board Communication error, Recorder failure
External Material	Powder coated Material
Internal Material	Aluminum plate with spraying
Insulation thickness	80 mm
Shelves	6×2 (ABS)
Casters	4 (2 casters with brake)
Door lock with Key	Yes
Doors	2
Access Port	2 pcs. Ø 25 mm
Data Logging/Interval/Recording Time	USB/Record every 10 minute / 2 years

Backup Battery	Yes
Power Supply	220 to 240 V/50 Hz
Rated Current	1.9 A
Internal Dimension (W×D×H)	650×570×672 mm (×2)
External Dimension (W×D×H)	810×735×1960 mm
Packaging Dimension (W×D×H)	895×820×2127 mm
Net Weight	136 kg
Gross Weight	156 kg

Standard Accessories

Accessories no.	Name
1	RS485
2	Remote Alarm Contact