

-86°C Upright Freezer FM-UF-D201



Description :

-86°C Upright Freezer FM-UF-D201 is a vertical type low temperature freezer with 408 L capacity and -60°C to -86°C adjustable temperature range. It is designed with main door having safety lock, handle and LCD display. Equipped with CFC free compressor, three adjustable shelves, 04 chambers with inner door for large storage and 04 casters for easy movement & fixation. Chamber is made up of durable stainless steel material and its outer body is made up of colour sprayed steel. It has alarm system for high/low temperature, power failure, abnormal voltage alarm, sensor error, condenser failure, door ajar, low battery and high ambient temperature alarm.

Specifications :

Cabinet type	Vertical
Capacity	408 L
Temperature range	-60°C to -86°C
Controller	Microprocessor
Ambient temperature	10°C ~ 32°C
Temperature accuracy	± 0.1°C
Display	LCD
Noise	55 dB
Shelves	3 pcs
Compressor	2 sets
Evaporator	Submerged coil evaporator/ Copper tube evaporator
Condenser	Copper tube and finned
Sensor	PTC
Defrost mode	Manual

Cooling type	Direct cooling
Refrigerant	R290/R170
Caster	4 Casters
Chamber	4 chambers with inner door
Interior material	Stainless steel
Exterior material	Color sprayed steel
Power	1540 W
Voltage	AC 220 V±10%, 50/60 Hz
Interior dimension (W × D × H)	606 × 575 × 1180 mm
Exterior dimension (W × D × H)	872 × 1028 × 1945.5 mm
Net weight	215 kg
Gross weight	245 kg

Features :

- Working temperature range -60°C to -86°C
- Microprocessor control system
- Digital LCD display
- Ergonomically designed 04 casters with stopper for easy movement
- Copper tube condenser with removable front cover for fast cooling and easy maintenance
- Two SECOP compressor cascade refrigeration system for high efficient refrigeration effect
- USB port to read temperature and alarm conditions of last 1 month
- Standard 25 mm test hole for easy connection with temperature monitoring systems
- Door with safety lock and 03 adjustable Shelves
- Visual and audible alarm system: High/low temperature, power failure, abnormal voltage alarm, sensor error, condenser failure, door ajar, low battery and high ambient temperature alarm
- Power failure protection and Recovery function for power cut off
- Built-in back-up battery to operate alarm system and display temperature for up to 72 hours without AC power
- Complies with international standards such as ISO9001 and CE certificate

Applications:

Used in electronic & military industries, pelagic fishery companies, hospitals, epidemic prevention, animal husbandry areas, university laboratories, and research institutes.

Accessories:

Accessories no.	Accessories name	Unit
1	Castor	4
2	Inside door	2
3	Test hole QTY/Diameter	1/25 mm
4	Remote alarm port	1

Accessories Optional:

Accessories no.	Accessories name	Unit
1	Chart recorder	1
2	Chart recorder paper	1
3	Data logger	1
4	CO2 backup system	1
5	LN2 backup system	1



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