-86°C Ultra Low Temperature

Freezer FSF-86V588D

Mether Ultra Low Temperature Freezer are specially designed to store samples products

Features

- Ambient temperature :10℃~32℃.

- Accurate Temperature control technology to make the temperature maintain -40°C~-86°C and accuracy 0.1°C.

- Independent research and development of mixed refrigerant can make device save energy 50%.

- if one system breaks down the left one could continue working to maintain inner temp at -80C, this means you would have double safety guarantee for your storage inside

- The first dual system invented and released in domestic market with the rapid cooling speed to cool down from room temperature to -80 in 3.5hours.

- 304 stainless steel inner chamber for friendly using and easy cleaning.

- VIP II PLUS technology, special narrow design for entering elevators.

Safety

- Build-in back-up battery to display temperature and to operate audible and visual alarm system for up to 72 hours without AC power.
- Visual and audible alarm system:High/low temperature,Power failure,Abnormal voltage,Sensor error,Filter screen check,Low battery,Condenser clean,High ambient temperature,Door ajar alarm
- Power failure protection: turn on delay of the cooling system when power failure,restart delay protection.
- Keyboard lock, password protection to avoid set parameter randomly.
- Special noise reduction design.

Humanized design

- 4 casters with stopper for easy moving and fixation.
- Standard 25mm test hole for easy connecting to temperature monitoring systems.
- 3 adjustable shelves for easy storing.
- Removable condenser dust gauze convenient for cleaning and maintenance.
- Removable inner door for user to defrost and clean.
- Standard USB port,USB port to read temperature and alarm conditions in recent 1 months.

special：

Patented technology, mixed refrigerant.

Standard remote alarm port

10 visual and audible alarms

Performance	
Temperature Range	-40~-86°C
Ambient Temperature	+10~+32°C
Controller	Microprocessor
Display	LCD Display

Refrigeration System	
Compressor/Brand	2/SECOP
Refrigerant	Mixed
Cooling Type	Direct cooling
Defrost Type	Manual

Electrical Data	
Power Supply(V/Hz)	220/50~60; 115/60
Rated Power(W)	1500W
Electrical Current(A)	9.1
Power Consumption	16.5kWh/24h
Power failure backup system	72H

Dimensions	
Capacity	588L
Interior Size(W*D*H)	606*738*1310mm
Exterior Size(W*D*H)	885*1100*1995mm
Package Size(W*D*H)	970*1140*2190mm
N.t./G.t.(approx)	297.5/358.5kg
Loading Qty(20'/40'/40'H)	12/24/24

Alarm	
High/Low Temperature	Y
Sensor Error	Y
Power Failure	Y
Door ajar	Y
High Ambient temp.	Y
Condenser clean	Y
Low battery	Y
Filter screen check	Y
Abnormal voltage	Y

Accessories	
Caster	4
USB port	Y
Remote alarm port	Y
RS232/485 port	Y
Inner Door/shelf	2/3
Test hole	1/25MM
Data logger	Optional
CO2/LN2 back up system	Optional
Cold storage box loading QTY	40000