



-86°C Ultra Low Temperature Freezer

SVF-86V340E

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



Features

- ✿ Wide temperature range :10°C ~32°C . ambient temperature can reach -86°C
- ✿ 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%
- ✿ Better uniformity, uniformity is increased 30%
- ✿ The single level optimization of auto cascade refrigeration system design, less refrigeration component for easy maintenance.
- ✿ 304 stainless steel inner chamber for friendly using and easy cleaning

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

Marketed, Sales & Service by :

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-86°C Ultra Low Temperature Freezer

SVF-86V340E

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

Performance

Temperature range	-40~-86°C
Ambient temperature	+10~+32°C
Controller	Microprocessor
Display	Digital Display

Electrical Data

Power Supply (V/Hz)	220/50~60; 115/60
Rated Power (W)	810W
Electrical Current (A)	5
Power Consumption	11.2 kwh/24h
Power failure backup system	72H

Refrigeration System

Compressor / Brand	1/SE COP
Refrigerant	Mixed
Cooling Type	Direct cooling
Defrost Type	Manual

Dimensions

Capacity	340 L
Interior size(W*D*H)	488*607*1140 mm
Exterior size(W*D*H)	875*980*1900 mm
Packing size(W*D*H)	935*1070*2130 mm
N.T./G.t. (approx)	222/283. 5kg
Loading Qty(20'/40'/40'H)	12/24/24

Alarms

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

Chart Recorder	/
Caster	4
USB Port	Y
Inner Door/shelf	2/3
Test Hole	1/25MM
Remote Alarm Port	Optional
Co2 back up system	Optional
Ln2 back up system	Optional
Cold storage box loading QTY	19200

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