

-86°C Ultra Low Temperature Freezer

FSF-86V58

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



Features

- Ambient temperature range :10°C~32°C.
- Accurate Temperature control technology to make the temperature maintain -40°C~-86°C and accuracy 0.1 °C.
- The single level optimization of auto cascade refrigeration system design, less refrigeration component for easy maintenance.
- SPCC sprayed steel external material and 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, Sensor error, Thermostat failure alarm, power failure alarm, door switch, ambient temperature alarm, condenser failure alarm, filter check alarm, voltage abnormal alarm, low battery 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.
- Wide available voltage range: 187V~242V.

Humanized design

- 4 casters with stopper for easy moving and fixation.
- 1 adjustable shelves for easy storing.
- Removable condenser dust gauze convenient for cleaning and maintenance.
- Removable inner door for user to defrost and clean.
- Standard Independent Power Switch.

special:

Patented technology, mixed refrigerant.
Standard remote alarm port
Cold storage box loading QTY:2400
MRNA vaccine can be stored:2400pcs
10 visual and audible alarms.

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

Refrigeration System	
Compressor/Brand	1/SECOP
Refrigerant	Mixed
Cooling Type	Direct cooling
Defrost Type	Manual

Electrical Data	
Power Supply(V/Hz)	220~240V/50~60;115/60
Rated Power(W)	442
Electrical Current(A)	2.67
Power Consumption	5.6 kWh/24h
Power failure alarm	72H

Dimensions	
Capacity	58L
Interior Size(W*D*H)	330*453*410mm
Exterior Size(W*D*H)	635*757*1212mm
Package Size(W*D*H)	730*845*1400mm
N.t./G.t.(approx)	115/155kg
Loading Qty(20'/40'/40'H)	21/43/43

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

Accessories	
Caster	4
Remote alarm port	Y
Inner Door	1(stainless steel)
Shelf	1(stainless steel)
Test hole	1/25MM
Data looger	Optional
CO2 back up system	Optional
LN2 back up system	Optional
Cold storage box loading QTY	2400
MRNA vaccine can be stored	2400pcs