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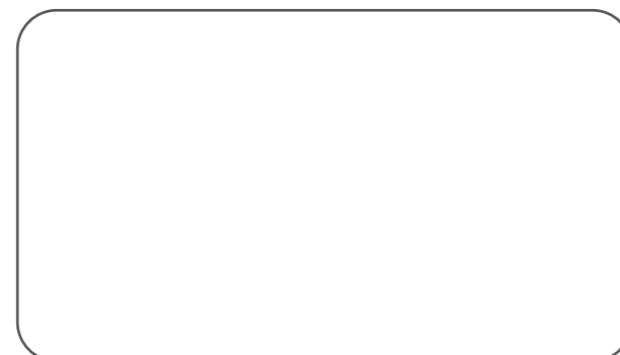
### Bioevokeak Co., Ltd.

TEL: +86-531-88982330  
FAX: +86-531-88983691  
Website: Bioevokeak.com  
Email: info@bioevokeak.com  
Service: support@bioevokeak.com  
Address: 17th Floor, Mingsheng Building, High-tech Zone, Jinan City

US Office

### BIOEVOKEAK INC.

113CHERRY ST, #79525, SEATTLE, WA, 98104-2205,  
UNITED STATES  
TEL: +1 (206) 905-4539  
EMAIL: info@bioevokeak.net



# Refrigerator & Freezer

- Freezers, -150 °C ~ -25 °C
- Refrigerator, 2 ~ 8 °C
- Blood Bank Refrigerator
- Solar Medicine Refrigerator
- Portable Refrigerator
- Car Refrigerator
- Corpse Refrigerator



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# INTRODUCTION

Founded in 2010, with the mission of continuously improving the intelligence, precision, safety and convenience of the laboratory, Biovepeak is a professional manufacturer driven by innovation and service in laboratory and Medical field, our company is certified by ISO9001, ISO13485 and Intellectual Property Management System

In addition to providing our self-produced products, we also provide customers with purchasing and inspection services in whole China market. We provide fully after-sales service to the products running through us.



Each of our facilities have more than 10 years of experienced R&D personnel to ensure the continuous improvement of product quality. In order to ensure processing accuracy, we use internationally renowned sheet metal processing equipment and CNC machine tools, such as DMG MORI and AMADA. The whole production process is strictly implemented in accordance with industry standards. All accessories, metal processing, assembly and inspection work are completed by highly trained and responsible employees.

To guarantee the performance of the finished product, each product line has set up an independent testing room.



**18** Factories

We have 18 factories in form of self-establishment, holding or equity participation.



# CERTIFICATE





# CERTIFICATE

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# Freezer, -150 °C

## ULF150-H130



### Reliability

7 inches touch screen to display current temperature, history temperature, all alarm records and data.

Standard with USB port to download alarm and temperature data.

Non-flammable HC refrigerant to guarantee users' safe.

Emergency stop to protect operator.



### Key Features

Microprocessor-controlled system designed with 1°C increment.

Settable high temperature and low temperature alarms.

Rapid cooling in 6 hours.

### Energy Conservation

Unique door seal design for the minimum loss of cold temperature during a door opening.

200 mm thickness without CFC insulation to minimize cabinet heat gain and to improve temperature stability.

**SAFETY**

- Malfunction alarms including high and low temperature, power failure, sensor error, clean-filter, and condenser clean, abnormal voltage, low battery thermostat failure.
- Capable of producing two types of alarm outputs, audible buzzer and visible flashing light.
- Door open feature standard and USB port for temperature date downloading standard on upright models.
- Remote alarm contacts.

### Application

It is suitable for low temperature test of special materials and preservation of plasma, biological materials, vaccines, reagents, biological products, chemical reagents, strains, biological samples, etc.



### Specification

Model	ULF150-H130	
Capacity	128L	
Dimension (W*D*H)	Internal	500*450*578mm
	External	1560*957*1178mm
Temperature	Range at RT. 10 ~ 32 °C	-40 ~ -150 °C
	Sensor	PT100
	Controller	Microprocessor
Cooling System	Refrigerant	Mixed-gas (CFC Free)
	Defrost	Manual
	Compressor (Qty)	TECUMSEH / 1
Display	LCD display	
Audible&Visible Alarm	High/Low temperature	Standard
	High ambient temperature	Standard
	Sensor error	Standard
	Abnormal voltage	Standard
	Low battery	/
	Power failure backup system(alarm)	/
	Door ajar	/
Material	Internal	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	Standard
	Data logger	Optional
	Remote alarm port	Standard
	Test hole (Qty) / Diameter	1 / 25mm
Shelves / Drawers (Qty)	/	
Sound Emission (dB)	50	
Electricity	Voltage / Frequency	AC220V, 50Hz
	Consumption	2550W
N.W. / G.W.	245 / 340kg	
Shipping Dimension (W*D*H)	1637*970*1383mm	

# Freezer, -86 °C

- ULF86-60E    ULF86-190E    ULF86-340E    ULF86-410E
- ULF86-590E    ULF86-730E    ULF86-840E    ULF86-340
- ULF86-410    ULF86-590    ULF86-730    ULF86-840
- ULF86-410P    ULF86-590P    ULF86-730P    ULF86-840P



ULF86-340

## Reliability

Positive filed proven reliability record.  
Specialized control system design for a well-balanced operation of cascade(dual) refrigeration system.

## Key Features

- Microprocessor-controlled system designed with 1°C increment.
- Settable high temperature and low temperature alarms.
- Automatic clean-filter alarm and sensor error alert.
- Adjustable storage shelf height.
- Double security with two independent cooling system, when one system breakdown, the other system could maintain the inner temperature at -70 °C. (Only for P series)



- Multifunctional alarms including high and low temperature, power failure, sensor error, clean-filter, and extremely high ambient, abnormal voltage, thermostat failure, low battery, condenser clean, door ajar.
- Capable of producing two types of alarm outputs, audible buzzer and visible flashing light.
- Door open feature standard and USB port for temperature date downloading standard on upright models.
- Remote alarm contacts.

## Energy Conservation

- High performance V.I.P(Vacuum Insulation Panel) insulation panels to minimize cabinet heat gain and to improve temperature stability.
- Unique insulated inner door design for four separate storage compartments to minimize frost buildup inside the chamber.
- Unique door seal design for the minimum loss of cold temperature during a door opening.
- HC Refrigerant with better efficiency & less energy cost, good for environment. (Except for the E series)



## Optional

Temperature recorder, frozen racks and frozen boxes, back up system (CO<sub>2</sub> / LN<sub>2</sub>).

## Application



It is suitable for low temperature test of special materials and preservation of plasma, biological materials, vaccines, reagents, biological products, chemical reagents, strains, biological samples, etc.





## Specifications

Model	ULF86-60E	ULF86-190E	ULF86-340E	ULF86-410E	ULF86-590E	ULF86-730E	
Capacity (L)	58	188	340	408	588	728	
Dimension (W*D*H)	Internal (mm)	330*453*410	465*465*830	488*607*1140	606*575*1180	606*738*1310	963*571*1350
	External (mm)	635*757*1212	830*810*1607.5	854*1006*1907	872*1028*1945.5	872*1192*1994.5	1229*1012*1994.5
Temperature	Range (°C) at RT. 10 ~ 32 °C	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86
	Sensor	PTC	PTC	PTC	PTC	PTC	PTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001 (CFC Free)	R4001 (CFC Free)	R4001 (CFC Free)	R4001 (CFC Free)	R4001 (CFC Free)	R4001 (CFC Free)
	Defrost	Manual	Manual	Manual	Manual	Manual	Manual
	Compressor (Qty)	SECOP / 1	CUBIGEL / 1	SECOP / 1	SECOP / 1	SECOP / 2	SECOP / 2
Display	Digital display	Digital display	Digital display	Digital display	Digital display	Digital display	
Audible & Visible Alarm	High/Low temperature	Standard	Standard	Standard	Standard	Standard	Standard
	High ambient temperature	Standard	Standard	Standard	Standard	Standard	Standard
	Sensor error	Standard	Standard	Standard	Standard	Standard	Standard
	Abnormal voltage	Standard	Standard	Standard	Standard	Standard	Standard
	Low battery	Standard	Standard	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	72h	72h	72h	72h	72h	72h
	Door ajar	Standard	Standard	Standard	Standard	Standard	Standard
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	Inner door	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304
Accessories	USB port	Standard	Standard	Standard	Standard	Standard	Standard
	Casters	Standard	Standard	Standard	Standard	Standard	Standard
	Chart recorder	/	/	/	/	/	/
	Data logger	Optional	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	Standard	Standard	Standard	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	1 / 25	1 / 25	1 / 25	1 / 25
	Back up system (CO <sub>2</sub> /LN <sub>2</sub> )	Optional	Optional	Optional	Optional	Optional	Optional
Shelves / Drawers (Qty)	Shelf / 1	Shelves / 2	Shelves / 3	Shelves / 3	Shelves / 3	Shelves / 3	
Optional Frozen Racks (Qty)	Racks	2(6*2)	9(4*3)	12(4*4)	8(5*4)+8(4*4)	16(5*5)	18(5*4)+6(6*4)
	Boxes (2 Inches)	24	108	192	288	400	504
	Samples (2ml)	2400	10800	19200	28800	40000	50400
Sound Emission (dB)	50	52	52	53	53	53	
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50/60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	442	660	810	890	1500	1400
N.W. / G.W. (kg)	115 / 155	207 / 222	268 / 288	268 / 293	303 / 332	374 / 394	
Shipping Dimension (W*D*H) (mm)	730*845*1400	915*928*1818	935*1070*2128	954*955*2094	970*1138*2185	1320*970*2185	



## Specifications

Model	ULF86-840E	ULF86-340	ULF86-410	ULF86-590	ULF86-730	ULF86-840	
Capacity (L)	838	338	408	588	728	838	
Dimension (W*D*H)	Internal (mm)	894*718*1310	488*607*1140	606*575*1180	606*738*1310	963*571*1350	894*718*1310
	External (mm)	1160*1172*1994.5	854*1072*1907	891*992*1945.5	891*1155*1994.5	1248*975*1994.5	1179*1135*1994.5
Temperature	Range (°C) at RT. 10 ~ 32 °C	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86
	Sensor	PTC	PTC	PTC	PTC	PTC	PTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001 (CFC Free)	HC (CFC Free)	HC (CFC Free)	HC (CFC Free)	HC (CFC Free)	HC (CFC Free)
	Defrost	Manual	Manual	Manual	Manual	Manual	Manual
	Compressor (Qty)	SECOP / 2	SECOP / 2	SECOP / 2	SECOP / 2	SECOP / 2	SECOP / 2
Display	Digital display	LCD display	LCD display	LCD display	LCD display	LCD display	
Audible & Visible Alarm	High/Low temperature	Standard	Standard	Standard	Standard	Standard	Standard
	High ambient temperature	Standard	Standard	Standard	Standard	Standard	Standard
	Sensor error	Standard	Standard	Standard	Standard	Standard	Standard
	Abnormal voltage	Standard	Standard	Standard	Standard	Standard	Standard
	Low battery	Standard	Standard	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	72h	72h	72h	72h	72h	72h
	Door ajar	Standard	Standard	Standard	Standard	Standard	Standard
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	Inner door	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304
Accessories	USB port	Standard	Standard	Standard	Standard	Standard	Standard
	Casters	Standard	Standard	Standard	Standard	Standard	Standard
	Chart recorder	/	Optional	Optional	Optional	Optional	Optional
	Data logger	Optional	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	Standard	Standard	Standard	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	2 / 25	1 / 25	1 / 25	1 / 25	1 / 25
	Back up system (CO <sub>2</sub> /LN <sub>2</sub> )	Optional	Optional	Optional	Optional	Optional	Optional
Shelves / Drawers (Qty)	Shelves / 3	Shelves/3	Shelves / 3	Shelves / 3	Shelves / 3	Shelves / 3	
Optional Frozen Racks (Qty)	Racks	24(5*5)	12(4*4)	8(5*4)+8(4*4)	16(5*5)	18(5*4)+6(6*4)	24(5*5)
	Boxes (2 Inches)	600	192	288	400	504	600
	Samples (2ml)	60000	19200	28800	40000	50400	60000
Sound Emission (dB)	55	50	50	53	53	53	
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50/60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	1700	870	845	815	935	890
N.W. / G.W. (kg)	391 / 424	286 / 306	292 / 317	307 / 368	360 / 401.5	397 / 430	
Shipping Dimension (W*D*H) (mm)	1270*1100*2185	935*1070*2128	954*955*2094	970*1138*2185	1320*970*2185	1262*1098*2185	



## Specifications

Model		ULF86-410P	ULF86-590P	ULF86-730P	ULF86-840P
Capacity (L)		408	588	728	838
Dimension (W*D*H)	Internal (mm)	606*575*1180	606*738*1310	963*571*1350	894*718*1310
	External (mm)	891*992*1945.5	891*1155*1994.5	1248*975*1994.5	1179*1135*1994.5
Temperature	Range (°C) at RT. 10 ~ 32 °C	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86
	Sensor	PTC	PTC	PTC	PTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001 (CFC Free)	R4001 (CFC Free)	R4001 (CFC Free)	R4001 (CFC Free)
	Defrost	Manual	Manual	Manual	Manual
	Compressor (Qty)	SECOP / 2	SECOP / 2	SECOP / 2	SECOP / 2
Display		LCD display	LCD display	LCD display	LCD display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard	Standard
	High ambient temperature	Standard	Standard	Standard	Standard
	Sensor error	Standard	Standard	Standard	Standard
	Abnormal voltage	Standard	Standard	Standard	Standard
	Low battery	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	72h	72h	72h	72h
	Door ajar	Standard	Standard	Standard	Standard
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	Inner door	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304
Accessories	USB port	Standard	Standard	Standard	Standard
	Casters	Standard	Standard	Standard	Standard
	Chart recorder	/	/	/	/
	Data logger	Optional	Optional	Optional	Optional
	Remote alarm port	Standard	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	1 / 25	1 / 25
	Back up system (CO <sub>2</sub> / LN <sub>2</sub> )	Optional	Optional	Optional	Optional
Shelves / Drawers (Qty)		Shelves / 3	Shelves / 3	Shelves / 3	Shelves / 3
Optional Frozen Racks (Qty)	Racks	8(5*4)+8(4*4)	16(5*5)	18(5*4)+6(6*4)	24(5*5)
	Boxes (2 Inches)	288	400	504	600
	Samples (2ml)	28800	40000	50400	60000
Sound Emission (dB)		53	53	55	55
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	1350	1500	1400	1700
N.W. / G.W. (kg)		285 / 310	303 / 332	380 / 400	391 / 424
Shipping Dimension (W*D*H) (mm)		954*955*2094	970*1138*2185	1320*970*2185	1262*1098*2185



# Freezer, -86 °C

ULF86-H110 ULF86-H490



ULF86-H110

## Reliability

Imported brand compressor work with mixed refrigerant.  
 High density insulation foam layer with better heat preservation effect.  
 Optimized self-cascade refrigeration system to provide faster cooling speed with lower power consumption.

## Key Features

Mute design for silent environment.  
 With the international famous brand computer temperature control system to keep the inner temperature accurate and stable.  
 Temperature adjusted from -40 °C ~ -86 °C.  
 High / Low temperature alarm, the alarm temperature can be set as needed.  
 Platinum resistance temperature sensor, sensing temperature accurately.



Safety door lock design to prevent abnormal door open.



Digital display for easy observation.



Temperature high/low alarm, sensor malfunction alarm.  
 Audible and visible alarm.  
 Keyboard lockable, password protection to prevent change running parameter randomly.  
 Display running parameter with real-time monitoring to guarantee the stability of freezer.

## Application

It is suitable for low temperature test of special materials and preservation of plasma, biological materials, vaccines, reagents, biological products, chemical reagents, strains, biological samples, etc.



## Specifications

Model		ULF86-H110	ULF86-H490
Capacity (L)		105	485
Dimension (W*D*H)	Internal (mm)	480*380*665	1455.5*525.2*674
	External (mm)	680*580*935	1695*840*962
Temperature	Range ( °C ) at RT. 10 ~ 32 °C	-40 ~ -86	-40 ~ -86
	Sensor	PTC	PTC
	Controller	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001 (CFC Free )	R4001 (CFC Free )
	Defrost	Manual	Manual
	Compressor (Qty)	CUBIGEL / 1	SECOP / 1
Display		Digital display	Digital display
Audible& Visible Alarm	High / Low temperature	Standard	Standard
	High ambient temperature	/	/
	Sensor error	Standard	Standard
	Abnormal voltage	/	/
	Low battery	/	/
	Power failure backup system(alarm)	12h	12h
	Door ajar	/	/
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	Inner door	Stainless steel, grade 304	Stainless steel, grade 304
Accessories	USB port	/	/
	Casters	Standard	Standard
	Chart recorder	/	/
	Data logger	Optional	Optional
	Remote alarm port	/	/
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25
	Back up system (CO <sub>2</sub> / LN <sub>2</sub> )	/	/
Shelves / Drawers (Qty)		/	/
Optional Racks		2(11*1)+2(6*1)	24(11*1)+6(6*1)
Frozen Racks (Qty)	Boxes (2 Inches)	34	300
	Samples (2ml)	3400	30000
Sound Emission (dB)		50	54.5
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110/220V±10%, 50 / 60Hz
	Consumption (W)	500	670
N.W. / G.W. (kg)		65/70	130/150
Shipping Dimension (W*D*H) (mm)		770*705*1090	1765*900*1060

# Freezer, -60 °C

LF60-H110 LF60-H490



LF60-H110

## Reliability

High density CFC-free urethane foam insulation.

The standard 25mm test hole is the hole to insert the sensor into the refrigerator.

## Key Features

Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.

Microprocessor control, adjustable temperature range: -25 °C ~ -60 °C.

Permanently lubricated cooling fan for safety and longevity.



Digital display for easy observation.



Door lock design to avoid abnormal door open.



Wide voltage tolerance design with applicable voltage range of 187~242V / AC.

Two types of alarm indications: audible buzzing and visual flashing light.



## Specifications

Model		LF60-H110	LF60-H490
Capacity (L)		105	485
Dimension (W*D*H)	Internal (mm)	480*380*665	1455*525*665
	External (mm)	680*580*935	1670*810*930
Temperature	Range ( °C ) at RT. 10 ~ 32 °C	-25 ~ -60	-25 ~ -60
	Sensor	NTC	PTC
	Controller	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001 (CFC Free)	R4001 (CFC Free)
	Defrost	Manual	Manual
	Compressor (Qty)	CUBIGEL / 1	CUBIGEL / 1
Display		Digital display	Digital display
Audible& Visible Alarm	High/Low temperature	Standard	Standard
	High ambient temperature	/	/
	Sensor error	Standard	Standard
	Abnormal voltage	/	/
	Low battery	/	/
	Power failure backup system(alarm)	12h	12h
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	/	/
	Casters	Standard	Standard
	Chart recorder	/	/
	Data logger	/	/
	Remote alarm port	/	/
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25
	Back up system (CO <sub>2</sub> /LN <sub>2</sub> )	/	/
Shelves / Drawers (Qty)	/	/	
Sound Emission (dB)		53	53
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	380	600
N.W. / G.W. (kg)		65 / 70	122 / 149
Shipping Dimension (W*D*H) (mm)		770*705*1090	1775*900*1050

# Freezer, -40 °C, Vertical Type

LF40-270E LF40-280E LF40-330E



LF40-330E

## Key Features

High density CFC-free urethane foam insulation.



Microprocessor control, digital display, adjustable temperature range: -20 °C ~ -40 °C.

Digital display for easy observation.



Independent inner door or drawers to avoid more cooling leakage, and provide more stable inside temperature performance.



Permanently lubricated cooling fan for safety and longevity.



Lockable caster design for customer to move as needed.



## Reliability

Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.

Optimized refrigeration system designed to maximize cooling effect and temperature uniformity.

Multiple malfunction alarms to detect high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.

Two types of alarm indications: audible buzzing and visual flashing light.

Corrosion proof cabinet interior design.

Power failure protect: the device would be attack by the high current when all devices in the lab restart simultaneously, the start-delay function would protect device from the damage.

## Application

It is suitable for low temperature test of special materials and preservation of plasma, biological materials, vaccines, reagents, biological products, chemical reagents, strains, biological samples, etc.

## Optional

USB and temperature recorder.



## Specifications

Model	LF40-270E	LF40-280E	LF40-330E
Capacity (L)	268	278	328
Dimension (W*D*H)	Internal (mm)	480*415*1460	508*455*1393
	External (mm)	673*676*1630	659*600*1694
Temperature	Range (°C) at RT. 10 ~ 32 °C	-20 ~ -40	-20 ~ -40
	Sensor	NTC	NTC
Cooling System	Controller	Microprocessor	Microprocessor
	Refrigerant	R290 (CFC Free)	R290 (CFC Free)
	Compressor (Qty)	CUBIGEL / 1	CUBIGEL / 1
Display	Defrost	Manual	Manual
	Compressor (Qty)	CUBIGEL / 1	CUBIGEL / 1
Audible & Visible Alarm	Display	Digital display	Digital display
	High / Low temperature	Standard	Standard
	High ambient temperature	/	/
	Sensor error	Standard	Standard
	Low battery	/	/
Material	Power failure backup system(alarm)	8h	/
	Internal	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	USB port	/	/
Shelves / Drawers (Qty)	Casters	Standard	Standard
	Remote alarm port	Standard	/
	Test hole (Qty) / Diameter (mm)	2 / 20	2 / 20
	Shelves / Drawers (Qty)	Shelves / 3	Drawers / 7
Electricity	Sound Emission (dB)	48	50
	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
N.W. / G.W. (kg)	Consumption (W)	300	280
	N.W. / G.W. (kg)	98.5 / 118	79 / 104.5
Shipping Dimension (W*D*H) (mm)	Shipping Dimension (W*D*H) (mm)	760*760*1750	725*665*1850
	Shipping Dimension (W*D*H) (mm)	760*760*1750	725*665*1850



# Freezer, -40 °C, Vertical Type

LF40-360 LF40-530 LF40-940 CRF40-370



LF40-360

## Reliability

Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.

Optimized refrigeration system designed to maximize cooling effect and temperature uniformity.

Microprocessor control, digital display, adjustable temperature range: -20 °C ~ -40 °C.

Digital display for easy observation.

- Multiple malfunction alarms to detect high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.
- Two types of alarm indications: audible buzzing and visual flashing light.
- Corrosion proof cabinet interior design.
- Power failure protect: the device would be attack by the high current when all devices in the lab restart simultaneously, the start-delay function would protect device from the damage.

## Key Features



Height-adjustable shelf trays allow you to adjust the inside of the chambers according to the size of the samples.

By changing the height of the shelf trays, the unit can accommodate various sizes of samples including stored in your conventional models.

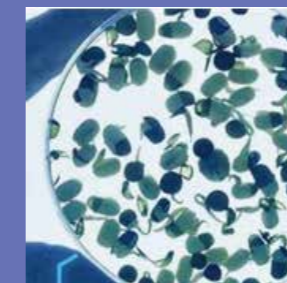


Equipped with separate doors or drawers that suppress the leakage of cold air during opening and closing of the doors, and manual defrosting that helps avoid temperature impact on the samples.



Door latch with provision for a padlock for extra protection of samples.

## Application



It is suitable for low temperature test of special materials and preservation of plasma, biological materials, vaccines, reagents, biological products, chemical reagents, strains, biological samples, etc.

## Optional

USB and temperature recorder.

## Specifications



Model		LF40-360	LF40-530	LF40-940	CRF40-370
Capacity (L)		358	528	936	368
Dimension (W*D*H)	Internal (mm)	(466*636*625)*2	(651*631.5*635)*2	1000*700*1335	F:580*626*625; R:466*636*625
	External (mm)	720*830*1870	900*818*1875	1304*1000*2017	720*830*1870
Temperature	Range (°C) at RT. 10 ~ 32 °C	-20 ~ -40	-20 ~ -40	-25 ~ -40	F:-20 ~ -40 R:2 ~ 8
	Sensor	NTC	NTC	PTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)
	Defrost	Manual	Manual	Manual	Manual
	Compressor (Qty)	CUBIGEL / 2	CUBIGEL / 1	SECOP / 2	CUBIGEL / 1, HUAYI / 1
Display		Digital display	Digital display	Digital display	Digital display
Audible&Visible Alarm	High / Low temperature	Standard	Standard	Standard	Standard
	High ambient temperature	Standard	Standard	Standard	Standard
	Sensor error	Standard	Standard	Standard	Standard
	Low battery	/	/	Standard	/
	Power failure backup system(alarm)	8h	8h	72h	8h
Material	Internal	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Stainless steel, grade 304	Electro-galvanized steel with antimicrobial powder coating
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	Standard	Standard	Standard	Standard
	Casters	Standard	Standard	Standard	Standard
	Remote alarm port	Optional	Standard	Standard	Optional
	Test hole (Qty) / Diameter (mm)	2 / 20	2 / 20	2 / 20	2 / 20
Shelves / Drawers (Qty)		Shelves / 4, Drawers / 12	Shelves / 4, Drawers / 18	Shelves / 3	Shelves / 2, Drawers / 6
Sound Emission (dB)		49	55	50	50
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	310	340	1000	430
N.W. / G.W. (kg)		138 / 178	151 / 184	372 / 416	137 / 166
Shipping Dimension (W*D*H) (mm)		780*920*1990	930*970*2000	1360*1135*2170	775*920*1990

# Freezer, -40 °C, Chest Freezer

LF40-H110 LF40-H310 LF40-H490



LF40-H110

## Reliability

Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.

Optimized refrigeration system designed to maximize cooling effect and temperature uniformity.

Wide voltage tolerance design with applicable voltage range of 187-242V/AC.

## Key Features

Microprocessor control, adjustable temperature range: -20 °C ~ -40 °C.

Permanently lubricated cooling fan for safety and longevity.

Independent inner door to avoid more cooling leakage, and provide more stable inside temperature performance.

High density CFC-free urethane foam insulation.

Standard testing hole.



Digital display for easy observation.



Door lock design to avoid abnormal door open.



Multiple malfunction alarms to detect high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.

Two types of alarm indications: Audible buzzing and visual flashing light.

Corrosion proof cabinet interior design.

Power failure protect: The device would be attack by the high current when all devices in the lab restart simultaneously, the start-delay function would protect device from the damage.

## Application

It is suitable for low temperature test of special materials and preservation of plasma, biological materials, vaccines, reagents, biological products, chemical reagents, strains, biological samples, etc.



## Specifications

Model	LF40-H110	LF40-H310	LF40-H490	
Capacity (L)	105	305	485	
Dimension (W*D*H)	Internal (mm)	480*380*665	1000*520*665	1455*525*665
	External (mm)	694*686*942	1218*840*940	1667*863*949
Temperature	Range ( °C ) at RT. 10 ~ 32 °C	-10 ~ -40	-20 ~ -40	-20 ~ -40
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R290 (CFC Free )	R290 (CFC Free )	R290 (CFC Free )
	Defrost	Manual	Manual	Manual
	Compressor (Qty)	CUBIGEL / 1	CUBIGEL / 1	CUBIGEL / 1
Display	Digital display	Digital display	Digital display	
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard
	High ambient temperature	/	/	/
	Sensor error	Standard	Standard	Standard
	Low battery	/	/	/
	Power failure backup system(alarm)	12h	12h	12h
Material	Internal	Stainless steel, grade 304	Electro-galvanized steel with antimicrobial powder coating	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	/	/	/
	Casters	Standard	Standard	Standard
	Remote alarm port	/	/	/
	Test hole (Qty) / Diameter (mm)	2 / 20	2 / 20	2 / 20
Shelves / Drawers (Qty)	/	/	/	
Sound Emission (dB)	50	52	55	
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	160	162	295
N.W. / G.W. (kg)	52 / 64.5	80 / 85	108 / 135	
Shipping Dimension (W*D*H) (mm)	750*700*1040	1295*842*1070	1775*880*1060	



# Freezer, -45 °C, Vertical Type

LF45-408



## Features



### Temperature Control

- The temperature difference between start-up and shutdown can be set;
- High and low temperature alarm function, alarm temperature value can be set as required.



### Humanized design

- Built in stainless steel shelf, easy to use and to clean.
- Food grade stainless steel liner, never rusty, safe and secure.
- Heavy duty caster design, easy to move.
- Safety door lock is designed to prevent random opening.
- Wide voltage band design, suitable for 187V ~ 242V AC voltage.



### Refrigeration system

- Super thick foam layer, double sealing design of door body, effectively protect the temperature inside the box.
- Optimized self replicating cooling system, imported compressor, strong and efficient refrigeration capacity.
- Reasonable design of evaporator ensures the effective flow of cooling dose and good temperature uniformity in the box.
- Adopt German EBM fan, stable performance and low noise.



### Safety system

- It has perfect alarm system with buzzer sound and light flashing alarm function.
- Multiple protection functions (frequent start-up protection, refrigeration system keeps running in case of sensor failure)

## Application

- It is mainly used in scientific research institutions, ultra-low temperature experiments of special materials, electronics industry, chemical industry, military industry, university experiments, biological engineering, ocean fishing, etc.

- Capacity:408L
- Temperature range: -15 °C ~ -45 °C, adjustable
- Defrost:Manual
- Refrigerant:Mixed-gas (CFC Free)
- PTC sensor



## Specifications

Model	LF45-408	
Capacity (L)	408	
Dimension (W*D*H)	Internal (mm)	550*630*1140
	External (mm)	850*960*1860
Temperature	Range (°C) at RT. 10 ~ 32 °C	-15 ~ -45, adjustable
	Sensor	PTC
	Controller	Microprocessor
Cooling System	Refrigerant	Mixed-gas (CFC Free)
	Defrost	Manual
	Compressor (Qty)	(SECOP)DANFOSS/1
Display	Digital display	
Audible & Visible Alarm	High/Low temperature	Standard
	High ambient temperature	Optional (LCD)
	Sensor error	Standard
	Abnormal voltage	Optional (LCD)
	Low battery	Optional (LCD)
	Power failure backup	Optional (LCD)
	Door ajar	Optional (LCD)
Material	External	Electro-galvanized steel with antimicrobial powder coating
	Inner door	Stainless steel, grade 304
Accessories	Casters	Standard
	Temperature recorder	4
	Remote alarm port	Optional
	Test hole (Qty) / Diameter (mm)	1/18
Shelves / Drawers (Qty)	Shelves / 3	
Sound Emission (dB)	<60	
Electricity	Voltage / Frequency	220V/50Hz
	Consumption (W)	420
N.W. / G.W. (kg)	200/250	
Shipping Dimension (W*D*H) (mm)	935*1030*2030	
* Optional (LCD)	These alarm functions are only available when the LCD screen is selected.	

# Freezer, -25 °C, Vertical Type

- LF25-100
- LF25-270E
- LF25-280W
- LF25-330E
- LF25-360
- LF25-530
- LF25-940
- CRF25-300
- CRF25-370



LF25-360

## Reliability

Chemically stable, CFC-free, commercially available and environmentally, safe refrigerant.

High density CFC-free urethane foam insulation for rigidity and stable storage temperature.

Microprocessor control, adjustable temperature range: -10 °C ~ -25 °C.

Digital display for easy observation.

Wide voltage tolerance design with applicable voltage range of 187-242V/AC.

## Key Features



Independent inner door to avoid more cooling leakage, and provide more stable inside temperature performance.



Lockable caster design for customer to move as needed.

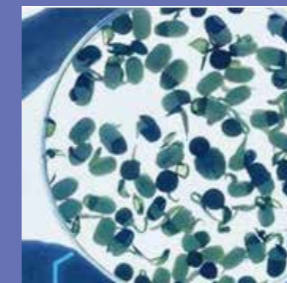


Upright side door with build-in handle for easy-opening; limit door hinge to prevent collision when door open.



- Multiple malfunction alarms including high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.
- Two types of alarm indications: Audible buzzing and visible flashing light.
- Power failure protection: The device would be attack by the high current when all devices restart simultaneously, and the start-delay function would protect device from damage.
- Controller password protect function to avoid change running parameter randomly.

## Application



It can be used to preserve plasma, biological materials, vaccines, reagents, etc. And it is suitable for scientific research institutes, electronic, chemical and other enterprise laboratories, blood stations, hospitals, disease prevention and control centers and animal.



## Specifications

Model		LF25-100	LF25-270E	LF25-280W	LF25-330E	LF25-360
Capacity (L)		100	268	278	328	358
Dimension (W*D*H)	Internal (mm)	410*410*670	508*455*1137	480*415*1460	508*455*1393	466*636*625
	External (mm)	540*540*880	673*676*1630	659*600*1694	673*676*1886	720*830*1870
Temperature	Range (°C) at RT. 10 ~ 32 °C	-10 ~ -25	-10 ~ -25	-10 ~ -25	-10 ~ -25	-10 ~ -25
	Sensor	NTC	NTC	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant( CFC Free )	R600a	R290	R290	R290	R290
	Defrost	Manual	Manual	Manual	Manual	Manual
	Compressor (Qty)	KY55C45G / 1	CUBIGELN / 1	DONPER / 1	CUBIGELN / 1	CUBIGELN / 2
Display		Digital display	Digital display	Digital display	Digital display	Digital display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard	Standard	Standard
	High ambient temperature	/	/	/	/	Standard
	Sensor error	Standard	Standard	Standard	Standard	Standard
	Abnormal voltage	/	/	/	/	/
	Door ajar	Standard	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	8h	8h	/	8h	8h
Material	Internal	HIPS	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	/	/	/	/	Standard
	Casters	/	Standard	Standard	Standard	Standard
	Data logger	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	/	Standard	/	Standard	Standard
	Test hole (Qty) / Diameter (mm)	/	1 / 25	1 / 25	1 / 25	2 / 25
Shelves / Drawers (Qty)		Shelves / 3 , Drawers / 4	Shelves / 3	Drawers / 7	Shelves / 4	Shelves / 4 , Drawers / 12
Sound Emission (dB)		50	46	46	46	49
Electricity	Voltage / Frequency	AC 110 / 220V ± 10% , 50 / 60Hz	AC 110 / 220V ± 10% , 50 / 60Hz	AC 110 / 220V ± 10% , 50 / 60Hz	AC 110 / 220V ± 10% , 50 / 60Hz	AC 110 / 220V ± 10% , 50 / 60Hz
	Consumption (W)	150	180	180	180	310
N.W. / G.W. (kg)		40 / 43	98.5 / 115	105 / 115	113 / 131	138/178
Shipping Dimension (W*D*H) (mm)		590*590*900	770*770*1804	710*678*1770	770*770*2040	780*920*1990





## Specifications

Model		CRF25-300	CRF25-370	LF25-530	LF25-940
Capacity (L)		R: 198 F: 102	R: 183 F: 185	528	936
Dimension (W*D*H)	Internal (mm)	R: 565*480*759 F: 461*465*600	R: 580*626*625 F: 466*636*625	(651*631.5*635)*2	1000*700*1335
	External (mm)	650*620*1980	720*830*1870	900*818*1875	1304*1000*2017
Temperature	Range (°C) at RT. 10 ~ 32 °C	F: -10 ~ -25 R: 2 ~ 8	F: -10 ~ -25 R: 2 ~ 8	-10 ~ -25	-10 ~ -25
	Sensor	NTC	NTC	NTC	PTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant( CFC Free )	R290	R600a & R290	R290	R404A
	Defrost	Manual	Manual	Manual	Manual
	Compressor (Qty)	China Brand / 2	China Brand / 2	MEIZHI / 2	SECOP / 2
Display		Digital display	Digital display	Digital display	Digital display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard	Standard
	High ambient temperature	/	Standard	Standard	Standard
	Sensor error	Standard	Standard	Standard	Standard
	Abnormal voltage	/	/	/	Standard
	Door ajar	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	8h	8h	8h	72h
Material	Internal	Engineering plastics	SPCC sprayed steel	Electro-galvanized steel with antimicrobial powder coating	Stainless steel, grade 304
	External	SPCC sprayed steel	SPCC sprayed steel	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	/	Standard	Standard	Standard
	Casters	Standard	Standard	Standard	Standard
	Data logger	Optional	Optional	Optional	Optional
	Remote alarm port	/	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	/	2 / 25	2 / 25	1 / 18
Shelves / Drawers (Qty)		Shelves / 2, Drawers / 3	Shelves / 2, Drawers / 6	Shelves / 4, Drawers / 18	Shelves / 3
Sound Emission (dB)		49	50	55	50
Electricity	Voltage / Frequency	AC 110 / 220V ± 10% , 50 / 60Hz	AC 110 / 220V ± 10% , 50 / 60Hz	AC 110 / 220V ± 10% , 50 / 60Hz	AC 110 / 220V ± 10% , 50 / 60Hz
	Consumption (W)	349	300	260	1000
N.W. / G.W. (kg)		100 / 120	130 / 170	160 / 180	378 / 413
Shipping Dimension (W*D*H) (mm)		720*695*2015	775*920*1990	921*960*1950	1350*1080*2150

# Freezer, -25 °C, Chest Freezer

LF25-H110 LF25-H310 LF25-H490



## Reliability

High density CFC-free urethane foam insulation.

The standard 25mm test hole is the hole to insert the sensor into the refrigerator.

## Key Features

Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.

Microprocessor control, adjustable temperature range: -25 °C ~ -60 °C

Permanently lubricated cooling fan for safety and longevity.



Digital display for easy observation.



- Power failure protect: the device would be attack by the high current when all devices in the lab restart simultaneously, the start-delay function would protect device from the damage.
- Two types of alarm indications: audible buzzing and visual flashing light.
- Door lock design to avoid abnormal door open.



## Specifications

Model		LF25-H110	LF25-H310	LF25-H490
Capacity (L)		105	305	485
Dimension (W*D*H)	Internal (mm)	480*380*665	1000*520*665	1455*525*665
	External (mm)	621*588*883	1140*742*883	1655*755*915
Temperature	Range ( °C ) at RT. 10 ~ 32 °C	-10 ~ -25	-10 ~ -25	-10 ~ -25
	Sensor	NTC	NTC	NTC
Cooling System	Controller	Microprocessor	Microprocessor	Microprocessor
	Refrigerant	R290 (CFC Free)	R134a (CFC Free)	R290 (CFC Free)
	Defrost	Manual	Manual	Manual
	Compressor (Qty)	DONPER / 1	China Brand / 1	CUBIGELN / 1
Display		Digital display	Digital display	Digital display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard
	High ambient temperature	/	/	/
	Sensor error	Standard	Standard	Standard
Material	Internal	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	/	/	/
	Casters	Standard	Standard	Standard
	Data logger	Optional	Optional	Optional
	Remote alarm port	/	/	/
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	1 / 25
Shelves / Drawers (Qty)		/	/	/
Sound Emission (dB)		46	52	55
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	174	128	295
N.W. / G.W. (Kg)		31 / 34	66 / 70	124 / 138
Shipping Dimension (W*D*H) (mm)		670*610*980	1225*772*1010	1710*885*1020

# Pharmacy Refrigerator, Single Door , 2~8 °C

PR5-60 PR5-100 PR5-100F PR5-250 PR5-310  
PR5-315 PR5-320 PR5-415 PR5-420



## Reliability



Digital display for easy observation.  
Microprocessor control , and temperature adjustment with an increment of 0.1°C.



Adjustable shelves.



Permanently lubricated cooling fan for safety and longevity.



High efficiency specially compressor with known field proven reliability.



Safety door lock design to avoid door ajar.



Inner light design for a clear display.



Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light.

Capable of alerting failures due to high and low temperature sensor error, door ajar, power failure and low battery.

## Key Features

Forced-air cooling with optimized air distribution system designed.

Advanced forced-air cooling system to keep inside temperature stable and uniform. Finned evaporator with special cycle design of forced air cooling system to ensure no-frost inside.

To achieve maximum temperature uniformity and stability.

Optimized refrigeration system design for more effective cooling and speedy recovery.



PR5-415

## Optional

USB and Data logger.

## Application



It is suitable for low temperature test of special materials and preservation of plasma, biological materials, vaccines, reagents, biological products, chemical reagents, strains, biological samples, etc.





## Specifications

Model		PR5-60	PR5-100	PR5-100F	PR5-250	PR5-310
Capacity (L)		60	100	100	226	312
Dimension (W*D*H)	Internal (mm)	410*315*560	385*356*737	385*356*737	534*406*1150	560*485*1350
	External (mm)	495*450*710	505*510*875	505*520*875	625*594*1707	650*624*1902
Temperature	Range (°C) at RT. 10 ~ 32 C	2 ~ 8	2 ~ 8	2 ~ 8	2 ~ 8	2 ~ 8
	Sensor	NTC	NTC	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R600a (CFC Free)	R600a (CFC Free)	R600a (CFC Free)	R600a (CFC Free)	R290 (CFC Free)
	Defrost	Auto	Auto	Auto	Auto	Auto
	Compressor qty	1	1	1	1	1
Display		Digital display	Digital display	Digital display	Digital display	Digital display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard	Standard	Standard
	High ambient temperature	/	/	/	/	/
	Abnormal voltage	/	/	/	/	/
	Power failure backup system(alarm)	8h	10h	10h	8h	8h
	Door ajar	Standard	Standard	Standard	Standard	Standard
Material	Internal	Electro-galvanized steel with antimicrobial powder coating	HIPS	HIPS	HIPS	HIPS
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	Optional	/	/	Optional	/
	Casters	/	Standard	Standard	Standard	Standard
	Chart recorder	/	/	/	/	/
	Data logger	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	Standard	/	/	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	/	/	1 / 25	1 / 25
Shelves / Drawers (Qty)		Shelves / 2	Shelves / 3	Shelves / 3	Shelves / 4	Shelves / 5
Sound Emission (dB)		50	50	50	50	50
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	72	80	80	140	245
N.W. / G.W. (kg)		33 / 37	35 / 38	30 / 33	73 / 76	86 / 90
Shipping Dimension (W*D*H) (mm)		558*510*760	580*580*940	580*580*940	707*676*1745	710*680*1960



## Specifications

Model		PR5-315	PR5-320	PR5-415	PR5-420
Capacity (L)		316	316	416	416
Dimension (W*D*H)	Internal (mm)	540*425*1380	540*425*1380	685*429*1380	685*429*1380
	External (mm)	640*554*1925	660*555*1915	785*552*1927	785*552*1927
Temperature	Range (C) at RT. 10 ~ 32 C	2 ~ 8	2 ~ 8	2 ~ 8	2 ~ 8
	Sensor	NTC	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)
	Defrost	Auto	Auto	Auto	Auto
	Compressor qty	1	1	1	1
Display		Digital display	Digital display	Digital display	Digital display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard	Standard
	High ambient temperature	Standard	/	Standard	/
	Abnormal voltage	/	/	/	/
	Power failure backup system(alarm)	72h	8h	72h	8h
	Door ajar	Standard	Standard	Standard	Standard
Material	Internal	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	Standard	Optional	Standard	Optional
	Casters	Standard	Standard	Standard	Standard
	Chart recorder	/	/	/	/
	Data logger	Optional	Optional	Optional	Optional
	Remote alarm port	Standard	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	1 / 25	1 / 25
Shelves / Drawers (Qty)		Shelves / 6, Basket / 1	Shelves / 5	Shelves / 6, Basket / 1	Shelves / 5
Sound Emission (dB)		50	50	50	50
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	294	248	330	280
N.W. / G.W. (kg)		92.5 / 100	92.5 / 100	120 / 133	120 / 133
Shipping Dimension (W*D*H) (mm)		710*680*1960	710*680*1960	854*646*2100	890*655*2100

# Pharmacy Refrigerator, Double Door / Three Door, 2~8 °C

PR5-660 PR5-1000 PR5-1500



## Reliability

Advanced forced-air cooling system to keep inside temperature stable and uniform. Finned evaporator with special cycle design of forced-air cooling system to ensure no-frost inside.

To achieve maximum temperature uniformity and stability.

Optimized refrigeration system design for more effective cooling and speedy recovery.

Adjustable temperature range 2-8 °C , optional 2-10°C and 2-14°C.

Microprocessor control, and temperature adjustment with an increment of 0.1°C.

## Key Features



Digital display for easy viewing.



Adjustable shelves.



High efficiency specially compressor with known field proven reliability.



Safety door lock design to avoid door ajar.



Permanently lubricated cooling fan for safety and longevity.



Inner light design for a clear display.



Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light.



Capable of alerting failures due to high and low temperature sensor error, door ajar, power failure and low battery.

## Optional

USB and Data logger.

## Specifications

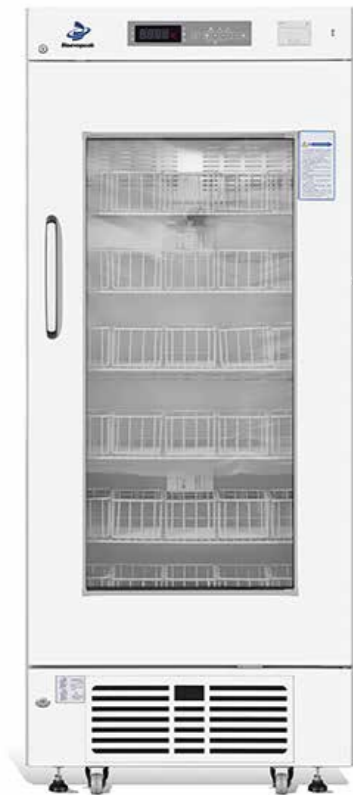


Model		PR5-660	PR5-1000	PR5-1500
Capacity (L)		656	1006	1500
Dimension (W*D*H)	Internal (mm)	1100*454*1325	1100*684*1325	1680*595*1312
	External (mm)	1240*630*1895	1220*860*1885	1800*775*1965
Temperature	Range (°C) at RT. 10 ~ 32°C	2~8 (Optional 2~10 ; 2~14)	2~8 (Optional 2~10 ; 2~14)	2~8 (Optional 2~10 ; 2~14)
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R134a(CFC Free)
	Defrost	Auto	Auto	Auto
	Compressor (Qty)	China Brand / 1	China Brand / 1	SECOPI / 1
Display		Digital display	Digital display	Digital display
Audible & Visible Alarm	High/Low temperature	Standard	Standard	Standard
	Power failure backup system(alarm)	8h	8h	8h
	Door ajar	Standard	Standard	Standard
Material	Internal	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Stainless steel, grade 304
Accessories	USB port	Optional	Optional	Optional
	Remote alarm port	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	Optional
Shelves / Drawers (Qty)		Shelves / 10	Shelves / 10	Shelves / 12
Sound Emission (dB)		52	53	55
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	403	400	1040
N.W. / G.W. (kg)		166 / 184	189 / 213	245 / 280
Shipping Dimension (W*D*H) (mm)		1280*670*1950	1280*900*1950	1940*880*2035



# Blood Refrigerator, Single Door / Double Door

BR4-110 BR4-210 BR4-370 BR4-660 BR4-1000



BR4-370

## Key Features

- Inner light design for a clear display.
- High-tech integrated sensors to display and control temperature.
- Microprocessor controlled forced-air cooling with electrical heat compensation system.



Digital display for easy observation.



Storage space designed for easy sorting of various blood products.



Safety lock to prevent unauthorized access.



Auto-defrost to remove moisture on cooling surface.



Caster design and leveling legs.

- Build-in backup battery to display temperature and to operate audible and visual alarm systems for up to 72 hours without AC power.
- Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light.
- Five alarm conditions: High / Low temperature, sensor error alarm, power failure alarm for 72 hours, low battery alarm, door ajar alarm.
- Standard with laser printer.  
Standard with acrylic inner small door, for less affection on other room when one door open.

## Application



Professional refrigerator to store blood, as well as medicines and bio products.  
Suitable for blood banks, hospitals, CDCs.

BR4-110 BR4-210 BR4-370  
Blood Refrigerator, Single Door

BR4-660 BR4-1000  
Blood Refrigerator, Double Door



## Specifications

Model		BR4-110	BR4-210	BR4-370	BR4-660	BR4-1000
Capacity (L)		108	208	368	658	1008
Dimension (W*D*H)	Internal (mm)	432*462*478	432*462*978	685*429*1380	1100*454*1325	1100*684*1325
	External (mm)	540*630*1030	540*640*1530	785*565*1920	1220*648*1885	1240*860*1895
Temperature	Range (°C) at RT. 10 ~ 32°C	4 ± 1	4 ± 1	4 ± 1	4 ± 1	4 ± 1
	Sensor	NTC	NTC	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R134a (CFC Free)	R134a (CFC Free)	R134a (CFC Free)	R134a (CFC Free)	R134a (CFC Free)
	Defrost	Auto	Auto	Auto	Auto	Auto
	Compressor (Qty)	EMBRACO / 1	EMBRACO / 1	EMBRACO / 1	SECOP / 1	SECOP / 1
Display		Digital display	Digital display	Digital display	Digital display	Digital display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard	Standard	Standard
	High ambient temperature	Standard	Standard	Standard	Standard	Standard
	Sensor error	Standard	Standard	Standard	Standard	Standard
	Low battery	Standard	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	72h	72h	72h	72h	72h
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304	Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating	Electro-galvanized steel with antimicrobial powder coating
Accessories	USB port	Optional	Optional	Standard	Optional	Optional
	Casters	Standard	Standard	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	1 / 25	1 / 25	1 / 25
Shelves / Drawers (Qty)		Shelves / 2	Shelves / 4	Shelves / 6	Shelves / 12	Drawers / 12
Sound Emission (dB)		49.6	51.2	51.2	51.2	53.6
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	175	183	325	383	513
N.W./G.W. (kg)		74/95	96/120	128 / 135	202 / 257	265 / 335
Shipping Dimension (W*D*H) (mm)		700*585*1200	590*700*1700	890*650*2100	1300*735*2110	1325*970*2130
Bloodbags (450ml)(Qty)		66	132	200	360	576

# Solar Medicine Refrigerator

CRF10-S97



## Reliability

- Solar direct drive, friendly to the environment.
- Microcomputer control.
- 30 days temperature record.
- Wide climate design, suitable for 5 ~ 43 C ambient temperature.
- Over 180 hours of holdover at 43 C ambient temperature.



## Key Features



Safety door lock design to prevent arbitrary opening.



USB port for charging phone.



Aluminum inner tank design, a drainage hole at the bottom, easy to clean.

**SAFETY**

**Multiple alarm functions:** High and low temperature alarm, sensor malfunction alarm, low-battery alarm.

**Two alarm modes:** Sound buzzer alarm, digital flashing alarm.

**WHO Freeze-protection Classification Certification:** A

## Application

Solar vaccine refrigerators and freezers for vaccine storage, medicines and ice packs, suitable for areas with limited power, suitable for outdoor use, very friendly to the environment.



## Specification

Model	CRF10-S97	
Capacity	Vaccine gross	59L
	Vaccine storage	48L
	Freezer gross	38L
External Dimension (W*D*H)	1050*750*975mm	
Temperature	Vaccine working	2 ~ 8 C
	Freezer working	≤ -10 C
	Ambient	5 C ~ 43 C
	Controller	Microprocessor
Cooling System	Refrigerant (CFC Free)	R290
	Defrost	Manual
Display	Digital display	
Audible& Visible Alarm	High / Low temperature	Standard
	Sensor error alarm	Standard
	Low battery alarm	Standard
Material	Door	Foaming Door
Accessories	USB port	Standard
	Vaccine basket(Qty)	2
	Charging interface(5V)	Standard
Electricity	Voltage / Frequency	DC 18-28V
	Consumption	190W
	Power consumption (Stable running)	1.7kW·h / 24h



# Medical Cooler Box

CLR-2



## Key Features



Delicate design and durable material.  
 With the good performance of insulation layer, it can keep the cold life efficiently.  
 Comes with a non-detachable shoulder strap.

## Optional

Temperature recorder.

## Specification

Model	CLR-2	
Available Capacity	1.7L	
Dimension (W*D*H)	Internal	94*94*190 mm
	External	308*308*300 mm
Material	Internal	PP
	External	PE
	Insulation layer	CFC free PU(Thickness is 40mm)
Ice Packs Qty & Volume	4*0.6L	
Preservation time at 43 °C	34h	
Net weight	4kg	
Shipping Dimension (W*D*H)	330*330*370mm (1pcs./carton)	

# Medical Cooler Box

CLR-1.5



## Key Features



Delicate design and durable material.  
 With the good performance of insulation layer, it can keep the cold life efficiently.  
 Comes with a non-detachable shoulder strap.

## Optional

Temperature recorder

## Specification

Model	CLR-1.5	
Available Capacity	1.5L	
Dimension (W*D*H)	Internal	96*96*160mm
	External	250*250*280 mm
Material	Internal	PE
	External	PP
	Insulation layer	CFC free PU(Thickness is 40mm)
Ice Packs Qty & Volume	4*0.3L	
Preservation time at 43 °C	35h48mins	
Net weight	1.95kg	
Shipping Dimension(W*D*H)(W*D*H)	520*520*300mm (4pcs./carton)	

# Medical Cooler Box

CLR-5



## Key Features



Delicate design and durable material  
With the good performance of insulation layer, it can keep the cold life more efficiency.

## Optional

- Temperature recorder
- Temperature display

## Specification

Model	CLR-5	
Gross Capacity	5L	
Dimension (W*D*H)	Internal	210*160*160mm
	External	260*200*200 mm
Material	Internal	PE
	External	PE
	Insulation layer	CFC free PU(Thickness is over 20mm)
Ice Packs Qty & Volume	4*0.4L	
Preservation time at 43 °C	24h	
Net weight	1.6kg	
Shipping Dimension (W*D*H)	450*300*240mm (2pcs./carton)	

# Medical Cooler Box

CLR-6



## Key Features



Delicate design and durable material  
With the good performance of insulation layer, it can keep the cold life efficiently.  
Comes with a detachable shoulder strap.

## Optional

- Temperature recorder
- Temperature display

## Specification

Model	CLR-6	
Gross Capacity	6L	
Dimension (W*D*H)	Internal	235*145*170mm
	External	340*235*275mm
Material	Internal	PP
	External	PP
	Insulation layer	CFC free PU(Thickness is 40mm)
Ice Packs Qty & Volume	6*0.4L	
Preservation time at 43 °C	48 h	
Net weight	2kg	
Shipping Dimension (W*D*H)	340*240*280mm (1pcs./carton)	

# Medical Cooler Box

CLR-8



## Key Features



Delicate design and durable material.  
With the good performance of insulation layer, it can keep the cold life efficiently.

## Optional

- Temperature recorder
- Temperature display

## Specification

Model	CLR-8	
Gross Capacity	8L	
Dimension (W*D*H)	Internal	275×170×180mm
	External	360×240×250mm
Material	Internal	PE
	External	PE
	Insulation layer	CFC free PU(Thickness is over 20mm)
Ice Packs Qty & Volume	4×0.4L	
Preservation time at 43 °C	24h	
Net weight	1.9kg	
Shipping Dimension (W*D*H)	510×365×250mm (2pcs./carton)	

# Medical Cooler Box

CLR-10



## Key Features



Delicate design and durable material.  
With the good performance of insulation layer, it can keep the cold life efficiently..  
Comes with a detachable shoulder strap.

## Optional

- Temperature recorder
- Temperature display

## Specification

Model	CLR-10	
Gross Capacity	10L	
Dimension (W*D*H)	Internal	270×173×203mm
	External	370×280×298mm
Material	Internal	PP
	External	PP
	Insulation layer	CFC free PU(Thickness is over 20mm)
Ice Packs Qty & Volume	4×0.4L	
Preservation time at 43 °C	36h	
Net weight	2.5kg	
Shipping Dimension (W*D*H)	560×380×310mm (2pcs./carton)	



# Medical Cooler Box

CLR-12



## Key Features



Delicate design and durable material.

With the good performance of insulation layer, it can keep the cold life efficiently.

Foaming lid sealed with silicon stripe, with a plastic handle on the top, plastic buckles in the front, and a nylon belt.

Temperature display is standard.

## Optional

Temperature recorder.

## Specification

Model	CLR-12	
Gross Capacity	12L	
Dimension (W*D*H)	Internal	325×170×225mm
	External	425×262×305mm
Material	Internal	PP
	External	PP
	Insulation layer	CFC free PU(thickness is 40mm)
Ice Packs Qty	4 Fixed Ice Packs	
Preservation time at 43 °C	Over 36 h	
Net weight	2.9kg	
Shipping Dimension (W×D×H)	450×290×340mm (1pcs./carton)	

# Medical Cooler Box

CLR-18



## Key Features



Delicate design and durable material.

With the good performance of insulation layer, it can keep the cold life efficiently.

Foaming lid sealed with silicon stripe, with a plastic handle on the top, plastic buckles in the front, and a nylon belt.

Temperature display is standard.

## Optional

Temperature recorder.

## Specification

Model	CLR-18	
Gross Capacity	18L	
Dimension (W*D*H)	Internal	363×203×244mm
	External	440×262×305mm
Material	Internal	PP
	External	PP
	Insulation layer	CFC free PU(Thickness is over 25mm)
Ice Packs Qty	4 Fixed ice packs	
Preservation time at 43 °C	24h	
Net weight	3kg	
Shipping Dimension (W×D×H)	450×290×340mm (1pcs./carton)	

# Medical Cooler Box

CLR-30



### Key Features

- Delicate design and durable material,
- With the good performance of insulation layer, it can keep the cold life efficiently.
- Comes with a detachable shoulder strap.
- Temperature display is standard.

### Optional

- Temperature recorder.

### Specification

Model	CLR-30	
Gross Capacity	30L	
Dimension (W*D*H)	Internal	475×245×270mm
	External	570×305×365mm
Material	Internal	PE
	External	PE
	Insulation layer	CFC free PU(Thickness is over 25mm)
Ice Packs Qty & Volume	4 Fixed ice packs	
Preservation time at 43 °C	24h	
Net weight	5.4kg	
Shipping Dimension (W×D×H)	580×320×380mm (1pcs./carton)	

# Medical Cooler Box

CLR-54



### Key Features

- Delicate design and durable material.
- With the good performance of insulation layer, it can keep the cold life efficiently.
- Comes with a detachable shoulder strap.

### Optional

- Temperature recorder.
- Temperature display.

### Specification

Model	CLR-54	
Gross Capacity	54L	
Dimension (W*D*H)	Internal	510×315×300mm
	External	615×395×450mm
Material	Internal	PE
	External	PE
	Insulation layer	CFC free PU(Thickness is 40mm)
Ice Packs Qty & Weight	3×2.3kg	
Preservation time at 30 °C	36h	
Net weight	11.7kg	
Shipping Dimension (W×D×H)	630×430×470mm (1pcs./carton)	

# Car Refrigerator

CR-15-B CR-20-B



## Key Features



USB port for charging phone



Rapid cooling



Vehicle battery



CR-15-B CR-20-B

## Specifications

Model	CR-15-B	CR-20-B
Available Capacity (L)	15	20
Temperature Range(°C)	-20 ~ 20	-20 ~ 20
External Dimension (W*D*H)(mm)	598*320*260	598*320*320
Voltage / Frequency	AC110/220V±10%, 50/60Hz	AC110/220V±10%, 50/60Hz
Consumption (W)	60	60
N.W. / G.W. (kg)	8.6 / 9.6	9 / 10
Shipping Dimension (W*D*H)(mm)	615*365*315	615*365*370

# Car Refrigerator

CR-25 CR-30 CR-40 CR-50 CR-75



## Key Features



USB port for charging phone



Rapid cooling



Low voltage protection



Energy saving



Family & Car use



Vehicle battery



CR-25 CR-30 CR-40 CR-50

CR-75

## Specifications

Model	CR-25	CR-30	CR-40	CR-50	CR-75
Available Capacity (L)	25	30	40	50	75
Temperature Range(°C)	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20	-20 ~ 20
External Dimension (W*D*H)(mm)	650*375*307	650*375*357	650*375*427	650*375*497	650*375*672
Voltage / Frequency	AC110/220V±10%, 50/60Hz				
Consumption (W)	60	60	60	80	80
N.W. / G.W. (kg)	12.5 / 14.5	13 / 15	14 / 16	15 / 17	18.5 / 20.5
Shipping Dimension (W*D*H)(mm)	670*440*375	670*440*425	670*440*495	670*440*565	670*440*740

# Car Refrigerator

CR-35-F CR-45-F CR-55-F



## Key Features

- USB port for charging phone
- Rapid cooling
- Low voltage protection
- Energy saving
- Family & Car use
- Vehicle battery

The car refrigerator is designed by partition, and the freezing temperature is adjustable.



## Specifications

Model	CR-35-F	CR-45-F	CR-55-F
Available Capacity (L)	32	42	52
Temperature Range(°C)	-20 ~ 20	-20 ~ 20	-20 ~ 20
External Dimension (W*D*H)(mm)	693*345*381	693*345*456	693*345*531
Voltage / Frequency	AC110/220V±10%, 50/60Hz		
Consumption (W)	60	60	60
N.W. / G.W. (kg)	12 / 14.7	12.7 / 15.6	13.7 / 16.7
Shipping Dimension (W*D*H)(mm)	708*398*449	708*398*524	708*398*599

# Car Refrigerator

CR-30-X CR-40-X CR-50-X



## Key Features

- USB port for charging phone
- Rapid cooling
- Low voltage protection
- Energy saving
- Family & Car use
- Vehicle battery

Car refrigerator with pull rod and wheels.



## Specifications

Model	CR-30-X	CR-40-X	CR-50-X
Available Capacity (L)	30	40	50
Temperature Range(°C)	-20 ~ 20	-20 ~ 20	-20 ~ 20
External Dimension (W*D*H)(mm)	631*378*375	631*378*480	631*378*550
Voltage / Frequency	AC110/220V±10%, 50/60Hz		
Consumption (W)	60	60	80
N.W. / G.W. (kg)	11.4 / 13.9	12.9 / 15	13.4 / 16
Shipping Dimension (W*D*H)(mm)	635*415*410	635*415*520	635*415*590



## Mobile Medical Refrigerator, MFR Series

MFR25-30 MFR25-80 MR4-700



### Reliability

The whole roll structure prevents collision damage.

Multilayer stacking.



MR4-700

### Key Features

Multiple voltage used as AC220/110V or DC12V/24V, (only for blood transportation) power supply of cigarette lighter.

Combined with forced-air cooling system and direct cooling system.

2 ranges of inner temperature:

2°C~8°C used as pharmacy refrigerator.

-10°C~-25°C used as deep freezer.

### Application



To store and transport blood, serum, plasma, vaccine, reagents and special medicines in medical industry. Also used as medicines pass box for epidemic prevention station, blood bank. Health center, CDC, animal husbandry bureau, army and logistics service, express company, pharmaceutical factory, genetic engineering.



Alarm system function with audible and visible.

Remote control.

Constantly alarm after power off.

Keyboard lockable.



### Specifications

Model		MFR25-30	MFR25-80	MR4-700
Capacity (L)		30	80	700
Dimension (W*D*H)	Internal (mm)	364*253*352.5	547*378*369.5	939*973*863
	External (mm)	615*370*471.5	937*565*580.5	1070*1120*1080
Temperature	Range (°C) at RT. 10 ~ 32°C	-25 / 5	-25 / 5	4
	Sensor	NTC	NTC	NTC
Cooling System	Controller	Microprocessor	Microprocessor	Microprocessor
	Refrigerant	R134a (CFC Free)	R134a (CFC Free)	R134a (CFC Free)
	Defrost	Manual	Manual	No Frost
	Compressor qty	1	1	1
Display		Digital display	Digital display	Digital display
Audible & Visible Alarm	High / Low temperature	Standard	Standard	Standard
	Sensor error	Standard	Standard	Standard
	Power failure backup system(alarm)	8h	8h	8h
Material	Internal	PE	PE	PE
	External	PE	PE	PE
Accessories	Remote alarm port	Optional	Optional	/
Shelves / Drawers (Qty)		Basket / 1	Basket / 1	Shelves / 2, Baskets / 15
Sound Emission (dB)		45	46	50
Electricity	Voltage / Frequency	AC110/220V±10%, 50/60Hz, DC12/24V		
	Consumption (W)	80	100	160
N.W. / G.W. (kg)		22 / 26	47 / 55	182 / 209
Shipping Dimension (W*D*H) (mm)		670*430*520	990*630*630	1140*1190*1150

# Corpse Refrigerator

MCFR-1000 MCFR-2000 MCFR-3000 MCFR-4000 MCFR-6000



## Reliability

It is made of high-quality stainless steel, which is corrosion-resistant.  
Body tray multi row rolling wheel.



Adopt high quality door seal with strong anti-aging ability to increase the service life of the door.



Each chamber is individually temperature controlled.



Digital display for easy observation.

## Refrigeration system

Famous brand compressor, environmentally friendly refrigerant.

## Optional

24 hours tracking printing system.

## Key Features

High precision computer temperature control system, accurate and stable operation.

Installation of universal casters on the box.

The insulation layer adopts integral foaming technology, with stronger insulation.

**SAFETY**

- Wide voltage band, suitable for 187 ~ 242V.
- Audible buzzer alarm and light flashing alarm.
- Keyboard lock. POST delay start, shutdown interval protection function.
- Built in lithium battery, it can continuously display the temperature and keep sound and light alarm function in the box for 72 hours after power failure.



## Specifications

Model	MCFR-1000	MCFR-2000	MCFR-3000	MCFR-4000	MCFR-6000	
Capacity (Qty)	1	2	3	4	6	
Dimension (W*D*H)	Corpse tray (mm)	1900*570*395	1900*570*395	1900*570*395	1900*570*395	1900*570*395
	External (mm)	2480*810*650	2480*810*1190	2480*810*1800	2480*1580*1190	2480*1580*1800
Electricity	Voltage / Frequency(V / Hz)	220 / 60	220 / 60	220 / 60	220 / 60	220 / 60
	Compressor consumption(W)	350	700	1050	1400	2100
Temperature	Preset(°C)	1 ~ 5	1 ~ 5	1 ~ 5	1 ~ 5	1 ~ 5
	Lowest(°C)	-18 / -30	-18 / -30	-18 / -30	-18 / -30	-18 / -30
Compressor (Qty)	1	2	3	4	6	
Alarm	High temperature alarm. Low temperature alarm. Sensors failure alarm. Door-opening alarm. Electricity failure alarm. Low back-up battery alarm. Low voltage alarm.					
Net Weight (kg)	200	300	370	550	650	

# Corpse Refrigerator

MCFR-3000E



## Reliability



It is made of high-quality stainless steel, which is corrosion-resistant.

Adopt high quality door seal with strong anti-aging ability to increase the service life of the door.



Each chamber is individually temperature controlled.

Digital display for easy observation.



Installation of universal casters on the box.

## Key Features

High precision computer temperature control system, accurate and stable operation.

The insulation layer adopts integral foaming technology, with stronger insulation.



Audible buzzer alarm and visible flashing alarm.

Wide voltage band, suitable for 187 ~ 242V.



## Refrigeration System

Famous brand compressor, environmentally friendly refrigerant.

## Specification

Model		MCFR-3000E
Capacity (Qty)		3
Dimension (W*D*H)	Corpse tray (mm)	2060*640*440
	External (mm)	2188*860*2000
Electricity	Voltage / Frequency(V / Hz)	220/50
	Compressor consumption(W)	1300
Temperture	Preset(°C)	-10 ~ 5
	Lowest(°C)	/
Compressor (Qty)		3
Alarm		High temperature alarm. Low temperature alarm.
Net Weight (kg)		350

# Aluminum Alloy Stretcher for Ambulance

AS-193-56



## Key Features

The body part of this product mainly adopts aluminum alloy structure and aluminum alloy die-casting for the mating parts, which has the characteristics of good lightness and toughness and easy disinfection for the hospital emergency center to transfer the wounded.



This stretcher cart adopts sponge cushion, which makes the patient more comfortable to lie down.



When you reach the destination, pull out the red safety handle and the legs of the stretcher will automatically unfold.



With caster design, it is more convenient to move and operate.

## Application

Approved by clinic practice, this item is suitable for ambulance, hospital battlefield, gym, etc. to carry the wounded & patients. It allows one person to perform retrieval.

## Specification

Model	AS-193-56
Maximum Size (L*W*H)	192*54*84cm
Minimum Size (L*W*H)	192*54*26cm
Maximum Angle Of Leaning Forward	11°
Maximum Angle Of Leaning Backward	25°
6 Grades Height	98cm , 94cm, 87cm, 77cm , 60cm , 34cm
Net Weight	35kg
Gross Weight	40kg
Carrying Capacity	≤200kg

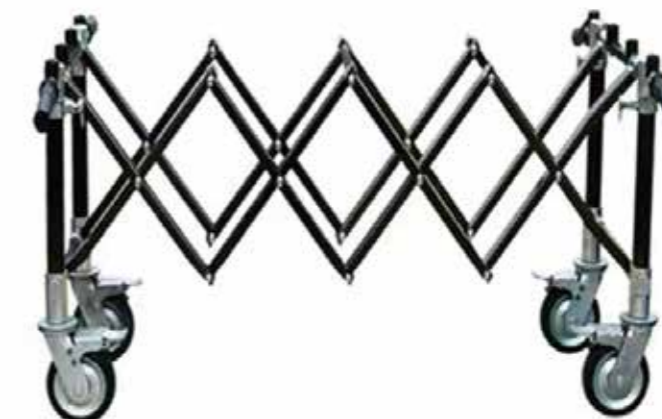
# Coffin Rack

BC-80-60



## Key Features

It is made of hard rectangular aluminum tubes. The increased length strengthens its stability and makes its appearance more objective.



It has a convenient chasis and folding device.



The handle is designed to facilitate folding and shipping.



There are brake devices on the four wheels of the coffin rack, so that it can bear a larger range of coffin sizes.

## Specification

Model	BC-80-60
Folded Dimension	60*16*80cm
Net Weight	21kg
Gross Weight	23kg
Shipping Dimension (W*D*H)	62*18*84cm

## Optional

This high-strength aluminum alloy coffin rack is available in three colors: silver, electroplated gold, and bronze, with three-speed adjustment of length.