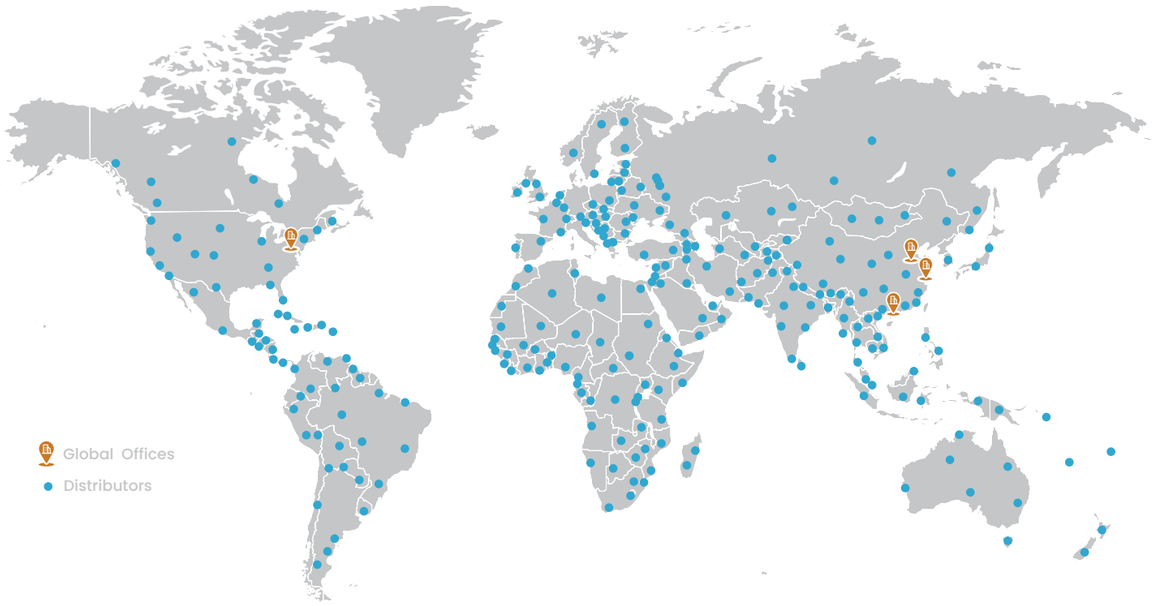
@V.26
We reserve the right to change specifications without prior notice.



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Infitek

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Infitek

Refrigerator & Freezer

Laboratory and Medical equipment one-stop solution provider

INFITEK CO., LTD.

• V.26

INTRODUCTION









As a manufacturer of professional scientific instruments, Infitek has 18 factories, with products and services range from life sciences, chemical analysis, optical analysis, water quality testing and environmental monitoring, etc.

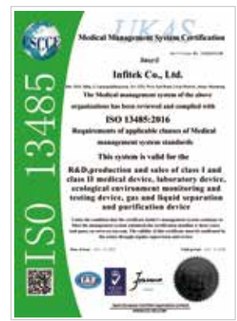
Infitek has established R&D centers in Shenzhen, Beijing, Shanghai and Jinan, and has developed collaboration with established in-depth cooperation with hundreds of well-known universities and scientific research institutions at home and abroad.

CERTIFICATE

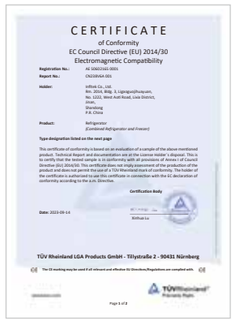
















ISO9001
ISO13485
ISO45001

Infitek continues to improve its core competitiveness, and numerous products have been US FDA-listed and obtained CE certificates. In addition, the company has achieved ISO9001, ISO13485, and ISO45001 certifications. The company will continue to be committed to providing innovative scientific instruments and solutions to global scientific research institutions, laboratories and industrial enterprises, and building a comprehensive service platform for scientific instruments and medical devices integrating R&D, production, sales and service.

Infitek

Founded in 2010, Infitek is headquartered in Shenzhen, China. Infitek is committed to providing customers with high-quality products and services, contributing to the continuous improvement of the quality of life, the simplicity& efficiency of scientific experiments, and the sustainable development of the world.

Infitek will continue to increase investment in scientific researches, deepen cooperation with business partners, provide customers with better products and services, meet the needs of global customers, and realize one-stop service. With unremitting efforts and innovative spirit, Infitek is heading to accomplish the mission of ranking in top 10 global scientific service platforms, and creating unlimited possibilities for the sustainable development of the world.

Freezer, -150℃

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℃ 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.



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℃	-40 ~ -150℃
	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	Powder-Coated steel
Accessories	USB port	Standard
	Casters	Y/5 2Universal+3Fixed
	Temperature data logger	Optional
	Remote alarm port	Standard
	Test hole (Qty) / Diameter	1/25mm
	Back up system (LN_2)	Optional
Shelves / Drawers (Qty)		/
Sound Emission (dB)		50
Electricity	Voltage / Frequency	AC220V, 50Hz
	Consumption	3125W
N.W. / G.W.		245 / 360kg
Package Dimension (W*D*H)		1650*980*1380mm

Freezer, -86 ℃

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



ULF86-340

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 0.1℃ increment.

Settable high temperature and low temperature alarms.

Automatic clean-filter alarm and sensor error alert.

Adjustable storage shelf height.

Economical type	Internationally universal type
ULF86-60E	ULF86-340
ULF86-190E	ULF86-410
ULF86-340E	ULF86-590
ULF86-410E	ULF86-730
ULF86-590E	ULF86-840
ULF86-730E	
ULF86-840E	

SAFETY

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.

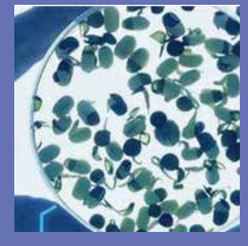
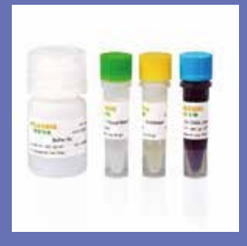
HC Refrigerant with better efficiency & less energy cost, good for environment. (Except for the E series)



Optional

Temperature recorder,frozen racks and frozen boxes ,back up system (LN_2).

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
Capacity (L)		58	188
Dimension (W*D*H)	Internal (mm)	330*453*410	465*465*830
	External (mm)	635*757*1212	830*810*1607.5
Temperature	Range (℃) at RT. 10 ~ 32℃	-40 ~ -86	-40 ~ -86
	Sensor	PT100	PT100
	Controller	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001	R4001
	Defrost	Manual	Manual
	Compressor (Qty)	SECOP / 1	CUBIGEL / 1
Display		Digital display	Digital display
Audible& Visible Alarm	High/Low temperature	Standard	Standard
	High ambient temperature	Standard	Standard
	Sensor error	Standard	Standard
	Abnormal voltage	Standard	Standard
	Low battery	Standard	Standard
	Power failure backup system (alarm)	72h	72h
	Door ajar	Standard	Standard
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304
	External	Powder-Coated steel	Powder-Coated steel
	Inner door	Stainless steel, grade 304	Stainless steel, grade 304
Accessories	USB port	Standard	Standard
	Casters	Y/4 4Universal	Y/4 4Universal
	Chart recorder	/	/
	Temperature data logger	Optional	Optional
	Remote alarm port	Standard	Standard
	Test hole (Qty) / Diameter (mm)	2 / 25	2 / 25
	Back up system (LN_2)	Optional	Optional
Shelves / Drawers (Qty)		Shelf / 1	Shelves / 2
Optional Frozen Racks (Qty)	Racks	2(6*3)	9(4*3)
	Boxes (2 Inches)	36	108
	Samples (2ml)	3600	10800
Sound Emission (dB)		50	52
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50/60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	442	660
N.W. / G.W. (kg)		115 / 160	207 / 220
Package Dimension (W*D*H) (mm)		750*870*1420	890*920*1820







Specifications

Model		ULF86-340E	ULF86-410E	ULF86-590E	ULF86-730E	ULF86-840E
Capacity (L)		340	408	588	728	838
Dimension (W*D*H)	Internal (mm)	488*607*1140	606*575*1180	606*738*1310	963*571*1350	894*718*1310
	External (mm)	854*1006*1907	872*1028*1945.5	891*1155*1994.5	1248*975*1994.5	1179*1135*1994.5
Temperature	Range (℃) at RT. 10 ~ 32℃	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86
	Sensor	PT100	PT100	PT100	PT100	PT100
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001	R4001	R4001	R4001	R4001
	Defrost	Manual	Manual	Manual	Manual	Manual
	Compressor (Qty)	SECOP / 1	SECOP / 1	SECOP / 2	SECOP / 2	SECOP / 2
Display		LCD display	LCD display	LCD display	LCD display	LCD 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
	Abnormal voltage	Standard	Standard	Standard	Standard	Standard
	Low battery	Standard	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	72h	72h	72h	72h	72h
	Door ajar	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
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
	Inner door	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
	Casters	Y/4 4Universal	Y/4 4Universal	Y/4 4Universal	Y/4 4Universal	Y/4 4Universal
	Chart recorder	/	Optional	/	/	/
	Temperature data logger	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	Standard	Standard	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	2 / 25	2 / 25	2 / 25	2 / 25	2 / 25
	Back up system (LN_2)	Optional	Optional	Optional	Optional	Optional
Shelves / Drawers (Qty)		Shelves / 3	Shelves / 3	Shelves / 3	Shelves / 3	Shelves / 3
Optional Frozen Racks (Qty)	Racks	12(4*4)	8(5*4)+8(4*4)	16(5*5)	18(5*4)+6(6*4)	24(5*5)
	Boxes (2 Inches)	192	288	400	504	600
	Samples (2ml)	19200	28800	40000	50400	60000
Sound Emission (dB)		52	53	53	53	55
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)	810	890	1500	1400	1700
N.W. / G.W. (kg)		268 / 288	268 / 293	283/345.5	316/392	332/407
Package Dimension (W*D*H)(mm)		960*1090*2080	1070*980*2130	1190*970*2200	1330*1020*2200	1275*1165*2200

Specifications







Model		ULF86-340	ULF86-410	ULF86-590	ULF86-730	ULF86-840
Capacity (L)		338	408	588	728	838
Dimension (W*D*H)	Internal (mm)	488*607*1140	606*575*1180	606*738*1310	963*571*1350	894*718*1310
	External (mm)	854*1072*1907	891*992*1945.5	891*1155*1994.5	1248*975*1994.5	1179*1135*1994.5
Temperature	Range (℃) at RT. 10 ~ 32℃	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86	-40 ~ -86
	Accuracy(℃)	0.1	0.1	0.1	0.1	0.1
	Sensor	PT100	PT100	PT100	PT100	PT100
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant	HC (CFC Free)	HC (CFC Free)	HC (CFC Free)	HC (CFC Free)	HC (CFC Free)
	Defrost	Manual	Manual	Manual	Manual	Manual
	Compressor (Qty)	SECOP / 2	SECOP / 2	SECOP / 2	SECOP / 2	SECOP / 2
Display		LCD display	LCD display	LCD display	LCD display	LCD 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
	Abnormal voltage	Standard	Standard	Standard	Standard	Standard
	Low battery	Standard	Standard	Standard	Standard	Standard
	Power failure backup system(alarm)	72h	72h	72h	72h	72h
	Door ajar	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
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
	Inner door	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
	Casters	Y/4 4Universal	Y/4 4Universal	Y/4 4Universal	Y/4 4Universal	Y/4 4Universal
	Chart recorder	Optional	Optional	Optional	Optional	Optional
	Temperature data logger	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	Standard	Standard	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	2 / 25	2 / 25	2 / 25	2 / 25	2 / 25
	Back up system (LN_2)	Optional	Optional	Optional	Optional	Optional
Shelves / Drawers (Qty)		Shelves/3	Shelves / 3	Shelves / 3	Shelves / 3	Shelves / 3
Optional Frozen Racks (Qty)	Racks	12(4*4)	8(5*4)+8(4*4)	16(5*5)	18(5*4)+6(6*4)	24(5*5)
	Boxes (2 Inches)	192	288	400	504	600
	Samples (2ml)	19200	28800	40000	50400	60000
Sound Emission (dB)		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
	Consumption (W)	870	845	815	935	890
N.W. / G.W. (kg)		296/306	292 / 317	335/363.5	380/400	397 / 430
Package Dimension (W*D*H) (mm)		960*1090*2090	970*1035*2120	975*1185*2200	1330*1015*2200	1270*1170*2200

Freezer, -86℃

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℃ ~ -86℃.

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.

SAFETY

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 (℃) at RT. 10 ~ 32℃	-40 ~ -86	-40 ~ -86
	Sensor	PT100	PT100
	Controller	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001	R4001
	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)	/	/
	Door ajar	/	/
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304
	External	Powder-Coated steel	Powder-Coated steel
	Inner door	Stainless steel, grade 304	Stainless steel, grade 304
Accessories	USB port	/	/
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Chart recorder	/	/
	Temperature data logger	Optional	Optional
	Remote alarm port	/	/
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25
	Back up system (LN_2)	/	/
Shelves / Drawers (Qty)		/	/
Optional Frozen Racks (Qty)	Racks	2(11*1)+2(6*1)	24(11*1)+6(6*1)
	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)		65/90	130/150
Package Dimension (W*D*H) (mm)		770*760*1040	1770*900*1100

Freezer, -60℃

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℃ ~ -60℃.

Permanently lubricated cooling fan for safety and longevity.



Digital display for easy observation.



Door lock design to avoid abnormal door open.

SAFETY

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 (℃) at RT. 10 ~ 32℃	-25 ~ -60	-25 ~ -60
	Sensor	PT100	PT100
	Controller	Microprocessor	Microprocessor
Cooling System	Refrigerant	R4001	R4001
	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)	/	/
Material	Internal	Stainless steel, grade 304	Stainless steel, grade 304
	External	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	/	/
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Chart recorder	/	/
	Temperature data logger	/	/
	Remote alarm port	/	/
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25
	Back up system (LN_2)	/	/
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)		62/67	122/142.5
Package Dimension (W*D*H)(mm)		735*687*1040	1750*873*1065

Freezer, -40℃, 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℃ ~ -40℃.

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.

SAFETY

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 devicesin 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)	508*455*1137	480*415*1460	508*455*1393
	External (mm)	673*676*1630	659*600*1694	673*676*1886
Temperature	Range (℃) at RT. 10 ~ 32℃	-20 ~ -40	-20 ~ -40	-20 ~ -40
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling Systeм	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 baterry	/	/	/
	Power failure backup system(alarm)	8h	/	8h
Material	Internal	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	Optional	/	Optional
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Remote alarm port	Standard	/	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	1 / 25
Shelves / Drawers (Qty)		Shelves / 3	Drawers / 7	Shelves / 4
Sound Emission (dB)		48	50	48
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	309	280	330
N.W. / G.W. (kg)		98.5 / 122	110 / 120	104 / 126
Package Dimension (W*D*H) (mm)		770*770*1804	720*690*1820	750*760*2030

Freezer, -40℃,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℃ ~ -40℃.

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 devicesin 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.



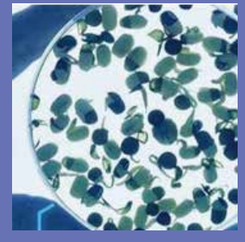
Equipped with separate doors or drawers that suppress the leakage of cold air during opening and closing of the doors, and manual defrosting that helps avoid temperature impact on the samples.

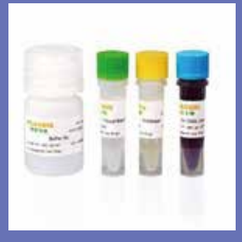


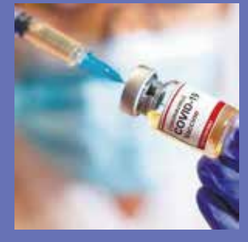
Door latch with provision for a padlock for extra protection of samples.

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 (℃) at RT. 10 ~ 32℃	-20 ~ -40	-20 ~ -40	-25 ~ -40	F:-20 ~ -40 R:2 ~ 8
	Sensor	NTC	NTC	PTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling Stystem	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R404A(CFC Free)	R290 (CFC Free)
	Defrost	Manual	Manual	Manual	Manual
	Compressor (Qty)	CUBIGEL / 2	CUBIGEL / 2	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	Powder-Coated steel	Powder-Coated steel	Stainless steel, grade 304	Powder-Coated steel
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	Standard	Standard	Optional	Standard
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Remote alarm port	Optional	Standard	Standard	Optional
	Test hole (Qty) / Diameter (mm)	2 / 25	2 / 25	1 / 18	2 / 25
Shelves / Drawers (Qty)		Shelves / 4, Drawers / 12	Shelves / 4 , Drawers / 18	Shelves / 3	Shelves / 3 , 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)	345	452	1000	458
N.W. / G.W. (kg)		138 / 178	192 / 212	372 / 416	138 / 178
Package Dimension (W*D*H) (mm)		780*920*1990	980*930*2020	1370*1110*2200	780*920*2000

Freezer, -40℃, 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℃ ~ -40℃.

Permanently lubricated cooling fan for safety and longevity.

High density CFC-free urethane foam insulation.

Standard testing hole.



Digital display for easy observation.



Door lock design to avoid abnormal door open.

SAFETY

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

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 devicesin 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	1210*833*941	1667*863*949
Temperature	Range (℃) at RT. 10 ~ 32℃	-20 ~ -40	-20 ~ -40	-20 ~ -40
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling Stystem	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 baterry	/	/	/
	Power failure backup system(alarm)	8h	8h	8h
Material	Internal	Stainless steel, grade 304	Powder-Coated steel	Stainless steel, grade 304
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	/	/	/
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Remote alarm port	/	/	/
	Test hole (Qty) / Diameter (mm)	1 / 25	1 / 25	1 / 25
Shelves / Drawers (Qty)		/	/	/
Sound Emission (dB)		50	50	55
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	175	162	300
N.W. / G.W. (kg)		62 / 70	80 / 85	124 / 138
Package Dimension (W*D*H) (mm)		770*705*1090	1300*870*1100	1760*880*1070

Freezer, -25℃, 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℃~ -25℃.

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.

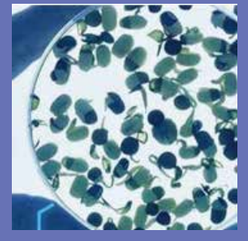


Upright side door with build-in handle for easy-opening; limit door hinge to prevent collision when door open.



- 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)*2
	External (mm)	540*553*877	673*676*1620	659*600*1694	673*676*1886	720*830*1870
Temperature	Range (℃) at RT. 10 ~ 32 ℃	-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	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	/	Optional	/	Optional	Standard
	Casters	/	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Temperature data logger	Optional	Optional	Optional	Optional	Optional
	Remote alarm port	/	Standard	/	Standard	Standard
	Test hole (Qty) / Diameter (mm)	1 / 25	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)	73	215	195	218	310
N.W. / G.W. (kg)		32 /43	92 / 120	105 / 115	104 / 131	138/178
Package Dimension (W*D*H) (mm)		640*650*1100	755*755*1750	710*660*1790	760*760*2020	920*790*1980









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 (℃) at RT. 10 ~ 32℃	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	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	Powder-Coated steel	Stainless steel, grade 304
	External	SPCC sprayed steel	SPCC sprayed steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	/	Standard	Standard	Optional
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Temperature data logger	Optional	Optional	Optional	Optional
	Remote alarm port	/	Standard	Standard	Standard
	Test hole (Qty) / Diameter (mm)	2/25	2 / 25	2 / 25	1 / 18
Shelves / Drawers (Qty)		Shelves / 2 , Drawers / 3	Shelves / 3 , 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	363	258	1000
N.W. / G.W. (kg)		100 / 120	130 / 170	160 / 180	378 / 413
Package Dimension (W*D*H) (mm)		730*710*2100	775*920*1990	980*930*2020	1370*1110*2200

Freezer, -25℃, Chest Freezer

LF25-H110 LF25-H310 LF25-H490

CE

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: -10℃ ~ -25℃

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 devicesin 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 (℃) at RT. 10 ~ 32℃	-10 ~ -25	-10 ~ -25	-10 ~ -25
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling Stystem	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
	Abnormal voltage	/	/	/
	Power failure backup system(alarm)	8h	8h	8h
	Door ajar	/	/	/
Material	Internal	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	/	/	/
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Temperature 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
Package Dimension(W*D*H)(mm)		700*640*1010	1320*890*1125	1710*885*1020

Pharmacy Refrigerator

PR5-60 PR5-100 PR5-250 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℃.



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.

SAFETY

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 .

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 Temperature 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	PR5-250
Capacity (L)		60	100	226
Dimension (W*D*H)	Internal (mm)	410*315*560	385*356*737	534*406*1150
	External (mm)	490*440*710	505*510*875	625*574*1707
Temperature	Range (℃) at RT. 10 ~ 32℃	2 ~ 8	2 ~ 8	2 ~ 8
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling Systeem	Refrigerant	R600a (CFC Free)	R600a (CFC Free)	R600a (CFC Free)
	Defrost	Auto	Auto	Auto
	Compressor qty	1	1	1
Display		Digital display	Digital display	Digital display
Audible &Visible Alarm	High / Low temperature	Standard	Standard	Standard
	High ambient temperature	/	/	/
	Abnormal voltage	/	/	/
	Power failure backup system(alarm)	8h	10h	8h
	Door ajar	Standard	Standard	Standard
Material	Internal	Powder-Coated steel	HIPS	Blister liner
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	/	/	Optional
	Casters	/	/	Y/4 2Universal+2Fixed
	Chart recorder	/	/	/
	Temperature data logger	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 / 4
Sound Emission (dB)		50	50	50
Electricity	Voltage / Frequency	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz	AC110 / 220V±10%, 50 / 60Hz
	Consumption (W)	75	80	221
N.W. / G.W. (kg)		33 / 37	35 / 38	73 / 76
Package Dimension (W*D*H) (mm)		550*515*800	575*560*930	735*685*1850









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	640*554*1925	785*552*1927	785*552*1927
Temperature	Range (℃) at RT. 10 ~ 32 ℃	2 ~ 8	2 ~ 8	2 ~ 8	2 ~ 8
	Sensor	NTC	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)	R290 (CFC Free)
Cooling Stystem	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	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
	External	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	Standard	Optional	Standard	Optional
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	Chart recorder	/	/	/	/
	Temperature 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	286	330	330
N.W. / G.W. (kg)		92.5 / 100	101 / 112	120 / 133	120 / 145
Package Dimension (W*D*H) (mm)		720*690*2040	715*680*2030	870*670*2070	870*660*2070

Pharmacy Refrigerator

PR5-416EX

Key Features

Anti-explosion compressor and controller system to protect inner storage more safely.

Specially designed forced-air cooling system, ensure frost-free cabinet and good temperature uniformity.

Accurate temperature controller, ensure the inside temperature within 2~8°C and accuracy 0.1 °C.

Suggested ambient temperature: 10~32°C.

4 casters for easy moving and fixation.

Reliability

Wide available voltage range: 187V~242V.

Foamed door with for better heat protection

Color spray steel plate inner chamber for friendly using and easy cleaning.

5 adjustable steel wire shelves for easy storing.

Special designed service-free drainage system, ensure no water in the cabinet.

Auto on/off LED light with manual switch on control panel.

SAFETY

Safety door lock and controller setting password to prevent unauthorized access.

Build-in back-up battery to display temperature and to operate audible and visual alarm system for up to 8 hours without AC power.

Auto on/off cooling fan to prevent cold air from leaking out when the door is opening.

Visual and audible alarm system: High/low temperature, power failure, door ajar

Power failure protection: turn on delay of the cooling system after power failure.

Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when controller or two sensor failed.

Keyboard lock, password protection to avoid set parameter randomly.

Application

It is specially designed to store medicines,vaccines,reagents and bio-medical products with anti explosion function.

Optional

Temperature recorder



Specification

Model		PR5-416EX
Capacity (L)		416
Dimension(W*D*H)	Internal (mm)	685*429*1380
	External (mm)	785*552*1927
Temperature	Range (℃)	2~8
	Sensor	NTC
	Controller	Microprocessor
Cooling system	Refrigerant	R290a
	Defrost	Frost free
	Compressor qty.	1
Display		Digital display
Audible &Visible Alarm	High/Low temperature	Standard
	Power failure	Standard
	Thermostat failure	Standard
	Power failure backup system(alarm)	8h
	Door ajar	Standard
Material	Internal	Stainless steel
	External	Powder coated steel
Accessories	USB port	/
	Casters	Standard
	Chart recorder	/
	Temperature data logger	Optional
	Test hole (Qty) / Diameter (mm)	1/25
Shelves / Drawers (Qty)		Shelves / 5
Sound Emission (dB)		50dB
Electricity	Voltage/Frequency(V/Hz)	220/50
	Consumption (W)	283
N.W./G.W. (Kg)		150/165
Package Dimension (W*D*H) (mm)		870*660*2070

Pharmacy Refrigerator, Double Door / Three Door, 2~8 ℃

PR5-660 PR5-1000 PR5-1500

Reliability

Advanced foiced-air cooling system to keep inside temperature stable and uniform. Finned evaporator with special cycle design of foiced-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℃.

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

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.

SAFETY

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.

Optional

USB and Temperature 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)	1220*630*1885	1220*860*1885	1800*775*1965
Temperature	Range (℃) at RT. 10 ~ 32℃	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 Stystem	Refrigerant	R290 (CFC Free)	R290 (CFC Free)	R134a(CFC Free)
	Defrost	Auto	Auto	Auto
	Compressor (Qty)	China Brand / 1	China Brand / 1	SECOP / 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	Powder-Coated steel	Powder-Coated steel	Stainless steel, grade 304
	External	Powder-Coated steel	Powder-Coated steel	Stainless steel, grade 304
Accessories	USB port	Optional	Optional	Optional
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/5 2Universal+3Fixed
	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	1065
N.W. / G.W. (kg)		166 / 184	189 / 213	245 / 280
Package Dimension (W*D*H) (mm)		1290*680*1950	1330*970*2130	1890*820*2170

Pharmacy Refrigerator

PR5-370

Application

It is suitable for pharmacies, pharmaceutical factories, hospitals, clinics, scientific research institutes, centers for disease prevention and control and other industrial institutions, used to store medicines, reagents, vaccines, biological products, etc.



Features

Temperature control system

- LED display, display accuracy attains 0.1℃;
- Forced air cooling system, the inner temperature can stay at the range of 2 to 8℃.

Refrigeration system

- Famous brand compressor and fan electromotor;
- Optimized evaporation system and condensation system;
- Inside forced air cooling system, stable inner temperature;
- CFC-free refrigerant, environment protection.

Humanized design

- Safety door lock prevents arbitrary open;
- Off-line coating glass door can prevent door condensation;
- LED lighting design, has a full display of contents inside freezer, energy conservation and environmental protection;
- Equipped with thermometer hole, can inspect the inner temperature;
- Multi-layer shelves, can adjust clearance as needed;
- Frost-free design, condensate water can evaporate automatically;
- Universal caster with locking function design at the bottom, free to move and easy to fix .

Security control system

- Multi malfunction alarms:high temperature alarm, low temperature alarm, sensor malfunction alarm, door opening alarm;
- Two alarming methods: buzzer alarming, light flashing alarming;





Specification

Model		PR5-370
Capacity (L)		370
Dimension (W*D*H)	Internal (mm)	565*525*1344
	External (mm)	676*730*1935
Temperature	Range (℃) at RT.10~32℃	2~8
	Sensor	NTC
	Controller	Microprocessor
Cooling Stystem	Refrigerant	R600a (CFC Free)
	Defrost	Auto
	Compressor (Qty)	1
Display		LED display
Audible&Visible Alarm Material	High/Low temperature	Standard
	High ambient temperature	Standard
	Abnormal voltage	No
	Power failure backup system(alarm)	48h, optional
	Door ajar	Standard
Material	Internal	PS plate
	External	Steel plate
Accessories	USB port	Optional
	Casters	Standard
	Chart recorder	Optional
	Temperature data logger	Optional
	Remote alarm port	Optional
	Test hole (Qty) / Diameter (mm)	1/30
Shelves / Drawers (Qty)		Shelves/4
Sound Emission (dB)		52
Electricity	Voltage/Frequency	AC220V,50Hz
	Consumption (W)	200
N.W./G.W. (Kg)		94/105
Package Dimension (W*D*H) (mm)		730*780*2140

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.



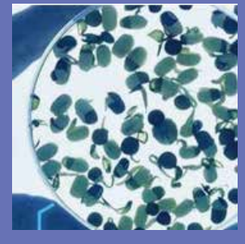
Caster design and leveling legs.

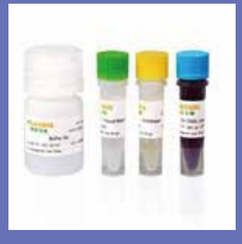
SAFETY

- 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)	522*635*1050	522*635*1550	785*565*1920	1220*635*1885	1220*865*1885
Temperature	Range (℃) at RT. 10 ~ 32℃	4 ± 1	4 ± 1	4 ± 1	4 ± 1	4 ± 1
	Sensor	NTC	NTC	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling Stystem	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	24h	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	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel	Powder-Coated steel
Accessories	USB port	Optional	Optional	Standard	Optional	Optional
	Casters	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed	Y/4 2Universal+2Fixed
	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)	168	194	355	391	415
N.W./G.W. (kg)		74/95	96/120	128 / 155	202 / 257	265 / 335
Package Dimension (W*D*H) (mm)		720*600*1220	600*710*1720	880*670*2100	1330*735*2110	1300*960*2130
Bloodbags (450ml)(Qty)		66	132	200	360	576

Solar Medicine Refrigerator

CRF10-S97

CE

Reliability

Solar direct drive, friendly to the environment.

Microcomputer control.

30 days temperature record.

Wide climate design, suitable for 5 ~ 43℃ ambient temperature.

Over 180 hours of holdover at 43℃ 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

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℃
	Freezer working	≤ -10℃
	Ambient	5℃ ~ 43℃
	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

Corpse Refrigerator

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

Features

1.Each refrigerator is equipped with an independent and complete refrigeration system, using a single-compressor, single-cycle refrigeration unit.

2.Each refrigerator has an independent heat dissipation device to ensure the heat dissipation effect.

3.Adopts high-quality compressors, with low noise and fast cooling speed.

4.The internal tray support racks of each cabinet are equipped with multiple rows of rolling nylon wheels, ensuring low-noise stretcher movement.

5.The space temperature in the refrigerator chamber can reach as low as -18°C, and the temperature inside the chamber is stable and uniform.

6.The whole cabinet is made of high-quality stainless steel plates to ensure that the drawers inside the box will not deform during use, have strong corrosion resistance and high-end appearance.

Features

7.The corpse refrigerator features a digital temperature display with 0.1°C display accuracy, 0.1°C resolution, and 0.1°C adjustment increment, ensuring the internal temperature of the chamber more accurate.

8.The 100mm thick insulation layer, utilizing integral foaming technology, ensures good thermal insulation, effectively reducing power consumption and ensuring energy-efficient operation.

9.High-quality universal casters (except MCFR-1000) are installed at the bottom of the refrigerator, which are corrosion-resistant and friction-resistant, and are easy to install and carry.

10.The sound buzzer alarm and light flashing alarm mode make it possible to monitor the working condition of the cabinet and effectively prevent unnecessary losses caused by cabinet failure.

11.Adopts original famous brand high-precision computer temperature control system to ensure accurate and stable operation.

12.High-quality door seals with strong anti-aging ability extend the service life of the door seals.

13.Large screen digital display for easy observation.

14.Direct cooling structure, reasonable design, stable and uniform temperature inside the chamber.

15.The cabinet interior features an independent drain sink, ensuring a clean and dry storage environment.

16.The door of the corpse cabinet is equipped with an independent heating belt to effectively prevent water vapor caused by the loss of cold air.



MCFR-1000



MCFR-2000



MCFR-3000



MCFR-4000



MCFR-6000

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)(L*W*H)		1900*570*395				
	External (mm)		2480*810*650	2480*810*1190	2480*810*1800	2480*1580*1190	2480*1580*1800
Electricity	Compressor consumption (W)		350	700	1050	1400	2100
Temperture	Preset(℃)		1~5	1~5	1~5	1~5	1~5
	Lowest(℃)	Domestic compressor(Standard)	-18	-18	-18	-18	-18
		Imported compressor(Optional)	-30	-30	-30	-30	-30
Optional			24 hours tracking printing system;				
Alarm			High temperature alarm; Low temperature alarm; Sensors failure alarm; Door-opening alarm;				
Net Weight (kg)			200	300	370	550	650

Combined Refrigerator & Freezer

CRF26-265



Application

It is suitable for pharmacies, pharmaceutical factories, hospitals, clinics, scientific research institutes, centers for disease prevention and control and other industrial institutions, used to store medicines, reagents, vaccines, etc.

Key Features

Temperature control system

Microprocessor control system, refrigerator chamber and freezer chamber temperature can display at the same time;

Refrigerator chamber:2~8 ℃,freezer chamber:-10~-26 ℃;

According to needs, you can close the refrigerator chamber independently;

Refrigeration system

Optimized refrigeration technology makes the refrigerating capacity stronger;

CFC-free technology: it adopts CFC free refrigeration system and foam technology, good for environment protection;

Air-cooling design in the refrigerator chamber can ensure stable temperature.

Humanized design

LCD display;

Refrigerator chamber equipped with plastic impregnated steel wire shelves and freezer chamber with transparent drawer;

Safe door lock design prevents arbitrary open;

Wide voltage design suits for wide range of voltage.

Security control system

Multi malfunction alarms:high temperature alarm, low temperature alarm, sensor malfunction alarm, door opening alarm;

Two alarming methods: buzzer alarming, light flashing alarming;

Specification

Model		CRF26-265
Capacity (L)		R: 155 F: 110
Dimension (W*D*H)	Internal (mm)	R: 460*480*720 F: 405*460*692
	External (mm)	576*641*1687
Temperature	Range (℃) at room temperature 10~32℃	R: 2 ~ 8 F: -10 ~ -26
	Sensor	NTC
	Controller	Microprocessor
Cooling system	Refrigerant (Natural& CFC Free Refrigerant System)	R600a
	Defrost	R: Auto F: Manual
	Compressor (Qty.)	HUAYI/1
Display		LCD display
Audible& Visible Alarm	High/Low temperature	Standard
	High ambient temperature	Standard
	Sensor error	Standard
	Abnormal voltage	No
	Door ajar	Standard
	Power failure backup system(alarm)	No
Material	Internal	PS Plate
	External	Steel plate
Accessories	USB port	No
	Casters	Standard
	Temperature data logger	No
	Remote alarm port	No
	Test hole (Qty) /Diameter (mm)	2/32
Shelves / Drawers (Qty)		Shelves / 3
Sound Emission (dB)		53
Electricity	Voltage/Frequency	AC 220V, 50Hz
	Consumption (W)	125
N.W./G.W. (kg)		60/65
Shipping Dimension (W*D*H) (mm)		710*670*1910