

Haier Medical and Laboratory Products Co.,Ltd



ECO  LIFE

Leading Solution
to Life Science

SMARTER LIFE

BETTER PLANET

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Company Profile



Established in 1998 with a registration capital of RMB130 million, Haier Medical and Laboratory Products Co., Ltd is affiliated to Haier Group in Qingdao, China. We have been focused on developing and manufacturing a large variety of low-temperature refrigerators, ice-lined refrigerators, as well as many other types of medical equipment. Our products have a broad application in blood banks, hospitals, epidemic prevention services, pharmaceutical factories, clinics, scientific research institutes, animal husbandry areas, and laboratories in universities and some factories etc. In the first decade after company foundation, our products have been recognized and accepted by various clients from all over the world. To meet the growing market demand and to continuously create products with cutting-edge technology, we specially developed a factory covering 56,700m² in Haier (huangdao) Industrial Complex in 2001.

Our company has been certified to ISO9001 quality system, ISO14001 environment protection system, ISO13485: 2003 quality system etc. Our products have obtained "People's Republic of China Medical Device Manufacturing Enterprise License", "People's Republic of China Medical Device Registration Record" from relevant government departments. We have also obtained the "Record of Medical Device" for the medical device category A, B and C from State food and drug administration.

Our R&D team is composed of professional and experienced experts in the field of cryogenics, epidemic prevention, hygiene and engineering etc. They have developed a group of core products from 4±1℃ blood refrigerator to -150℃ Cryo Freezer, biological safety cabinet, automatic washer-disinfector etc. The anti-vapor system in 4℃ blood refrigerator, the graded condensing system in -60℃ deep freezer, rapid freezing technology and mobile phone text alarming system in -86℃ ULT freezer, remote monitoring technology, semiconductor refrigeration technology, low temperature operation panel and biological safety cabinet have all been examined and identified by the authorized government departments as advanced technology of the international level. So far, our products have been sold to clients from over 100 countries.

Brand

In 2008, Haier Group achieved a sales value of RMB1,200 billion. "Haier" brand was evaluated to worth RMB 80.3 billion, as the most valuable brand in China for the 7th consecutive year.

As a sponsor to 2008 Beijing Olympic Games, Haier's slogan of "Dare to break through and dare to innovate" is a perfect interpretation to "Faster, higher and stronger" – slogan of the Olympics Games.

In 2006, Ranked 86th among the world's 500 Most Influential Brands by World Brand Lab – the only Chinese brand ranking in top 100 for three consecutive years.



Technology



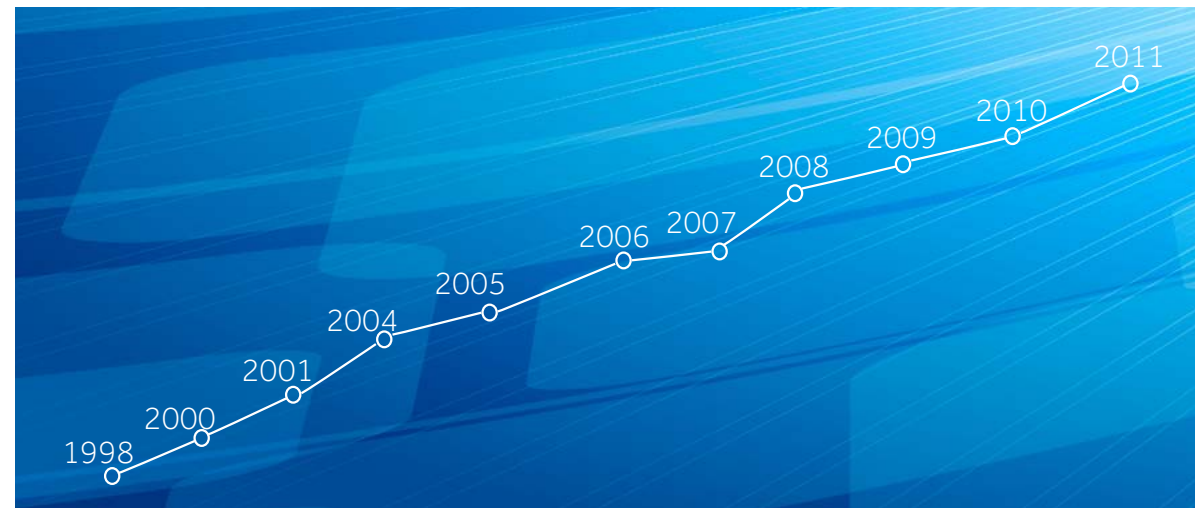
From February 2011, the standard of bio-bank draft by Haier Medical has been released for commissioning.

At present, products from Haier Medical have been widely used in the blood and drug store, biological engineering, medical research, medical clinical and anti-epidemic, agriculture, animal husbandry, etc. Customers include Beijing University, Tsinghua University, Fudan University, over 100 universities, Chinese Academy of Sciences, Microbial Institute, Chinese Academy of Sciences of Genetics and developmental biology research institute, plant genomics state key laboratory for represent numerous scientific research institution, the Chinese people's liberation army general hospital, Beijing union medical college hospital, the capital university of medical sciences affiliated hospital of Beijing You An, over 500 three level of first-class hospital and Beijing Red Cross blood center, over 500 blood stations, Haier Medical provides customized solution to various users to meet their demands.

Our company is certified to CE certificate, ISO9001 quality system, ISO14001 environment protection system, ISO13485: 2003 quality system etc. Our products have obtained "Medical Device Registration License of People's Republic of China " from the National and State food and drug administration (SFDA) respectively.

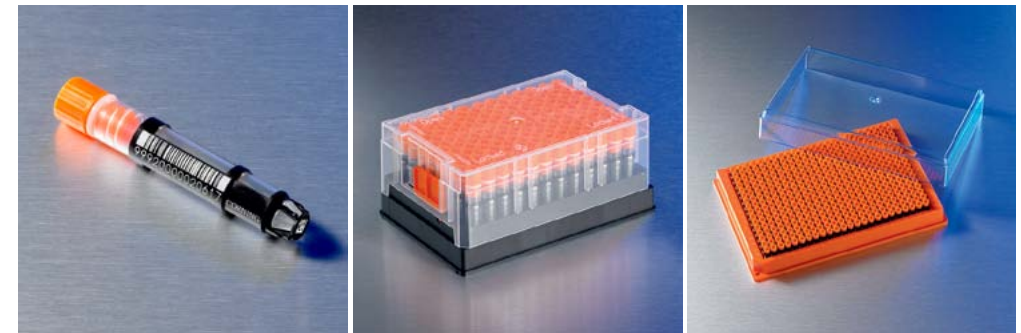
Haier Medical has been insisting the creative spirit of developing itself and specializing in high quality, customized products and service. We will take the spirit of "Create Resources and Worldwide Prestige" and develop our national brand with the goal of providing the tools and solutions to the bio-medical and scientific field.

Major Events



- 2012** Haier won "Follow up cooperation for maternal and Child Health Project" to supply 300 units vaccine refrigerators.
- 2011** Haier won MOH tender blood bank refrigerator and -86°C ULT freezer in Russia market.
- 2011** Haier won the tender "Third National HIV/AIDS Control Project (NACP - III)" and successfully supplied and installed Blood Bank Refrigerators, -86°C ULT Freezers and -40°C Deep Freezers.
- 2010** Haier Medical successfully won the bid of 20,930 units vaccine refrigerator from UNOPS (United Nations Program India Purchasing Agency).
- 2009** The ice-lined refrigerators under the item code of HBC-70 and HBC-200 and -25°C Vaccine&Ice pack Freezer under the item code of HBD-286 and HBD-116 have passed the examination and included into the list of pre-qualified products of WHO (World Health Organization).
- 2008** Haier Blood Transportation Box – HXC-80, won the bid of UNOPS India/NZCO/BTB/35/2008, from India Procurement Office.
- 2008** Haier won the UNOPS tender in India, and successfully supplied 15,000 sets of Ice-lined Refrigerators and Vaccine and Ice Pack Freezers to the program.
- 2007** Haier won the government procurement tender for International Assistance Program to Cuba from China.
- 2007** Haier low temperature plasma sterilizer entered the market.
- 2006** Haier is certified to ISO13485: 2003 and we are the first Chinese company got this certification.
- 2005** Haier draft the "Quality and Technical Standard of Deep Freezer" for relevant department of Chinese government.
- 2005** Haier blood workbench entered the market, filling the market gap and provided a suitable working environment for blood processing, without rupturing the cold-chain – which had been a big problem in this field.
- 2005** Haier -150°C cryogenic freezers launched into the market – Haier medical and laboratory freezers covered most of the temperature range required by market.
- 2004** Haier was awarded with RMB10 million R&D fund support by the National Development and Reform Commission.
- 2004** Haier laboratory equipment entered the market in southeast Asia.
- 2004** Upon the requirement of the national Ministry of Health, Haier established a new "National Standard for ULT Freezer".
- 2001** Haier became the supplier of one World Health Organization project and provided 10,000 units of Ice Land Refrigerator to India – a milestone of the products's entry to the international market.
- 2001** Haier specially developed a production line in Haier (huangdao) Industrial Complex.
- 2000** Haier won the tender for Blood Bank Establishment Program in mid-west China and successfully supplied 823 refrigerators for the project – Over 500 blood banks in China have been using Haier's products.

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01 Medical Cold Chain Equipments

-150°C Cryo Freezer



-150°C Cryo freezer, developed by Haier Medical and Laboratory, which is the third company in the world to have the -150°C cryogenic refrigeration technology, is more safe, convenient and economic than LN₂ storage system. This freezer by Haier Medical and Laboratory has been industrialized in domestic market and is in the lead of the world.

This product is developed for storage of virus, erythrocytes, leukocytes, cutis, skeleton, sperm, biological products, oceanic products, electronic products and experiment of special materials. It is applicable in blood banks, hospitals, epidemic prevention services, research institutes, laboratories and biological engineering institutes etc.

● Temperature Control

- Microprocessor control; Digital display with an increment of 1°C; cabinet temperature is adjustable within -126°C~-150°C with the large LED display; the temperature display window is paralleling with the eyes, clear and easy view

● Safety Control System

- Malfunction alarms: temperature exceeding the set range, power failure, sensor error, voltage exceeding the range, condenser under efficiency, ambient temperature exceeding the range
- Alarm Indications(Audible and visible): buzzer, flashing lights
- Multiple Protection Function: password protection, start-up delay protection, voltage protection in case of low or high voltage
- All separate parts are safely connected to earth

● Refrigeration System

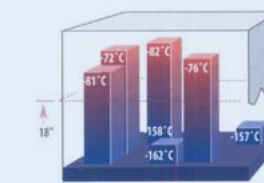
- Optimized cascade refrigeration technology, Copeland compressor to reach a high-efficient refrigeration effect
- The evaporator designing from upper to lower supports an effective flow of refrigerant
- Dual fans high efficiency condensation system; the fan blade designed by the air dynamics
- Cleanable filter screen on the condenser insures high refrigeration efficiency, and can be demounted without any tools

-150°C Cryo Freezer

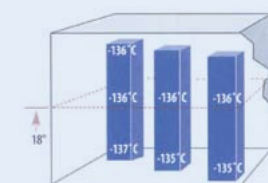
● Ergonomic Design

- Large LED display, easy view and clear
- Heavy duty lockable caster
- Broad climate tolerance, applicable within an ambient temperature range of 10°C~30°C
- LN₂ back-up system is adaptable to this type, for an urgent use and protect the stored materials (need to order separately)
- Temperature recorder is optional, for temperature record in special situations (need to order separately)
- Intelligent monitor device is optional, realizing data record and monitoring through computer, and remote monitor on condenser's on/off status
- Intelligent condenser design to save energy

Liquid Nitrogen Preservation System in Cryo Freezer



LN₂ Backup System (-196°C)



Cryo Freezer (-140°C)

Specification

Item Code	DW-150W200
Capacity(L)	200
Power(W)	2800
Temp.range(°C)	-126~-150
Voltage	380/50
Shelves/Inner door	-/2
Net/gross Weight(kg)	315/385
Interior Dimensions(mm) (W*D*H)	667*462*650
Exterior Dimensions(mm) (W*D*H)	1570*850*1060
Packing Dimensions(mm) (W*D*H)	1716*985*1198
Container Load(sets) 20'/40'/40'H	6/13/13
Rack Model	2 inch stainless steel rack 11*1
Dimensions (L*D*H)	142*138*633
Rack Quantity	12
Box Quantity	132
Sample Quantity	10692

-86°C ULT Freezer

Safety, Consistency And Reliability; Leading In The World, Recommended By China Marrow Donor Program

This product is specially designed and manufactured for long time storage of various biological products, including viruses, germs, erythrocytes, leucocytes and cutis.

Applications can be found in blood banks, hospitals, epidemic prevention services, and research institutes, laboratories in electronic and chemical plants, biological engineering institutes and marine fishery companies.



● Temperature Control

- Microprocessor control, digital display with an increment of 1°C, cabinet temperature is adjustable in a range of -40°C~-86°C

● Safety Control System

- Malfunction alarms to detect: high/low temperature, power failure, sensor error, high/low voltage, overheated condenser, high/low ambient temperature.
- Alarm indications (Audible and visible), buzzer, flashing light.
- Multiple protection function: keypad lock, compressor self-protection program; voltage buck/boost capabilities.
- Remote alarm function to ensure samples under safe monitor.

● Refrigeration System

- Optimized cascade refrigeration technology, Secop compressor, high-efficient refrigeration effect
- High density and effective heat insulation
- Unique patented sealing design working together with heat retardant system keeps the cabinet frosting effectively
- Specially designed the second stage controlling system avoids the common errors happened to the second stage compressor
- CFC free

● Ergonomic Design

- LED display for easy observation of cabinet temperature, set temperature, ambient temperature, input voltage, alarming temperature setting value and early warning for malfunctions
- Adjustable shelf for easy and convenient storage
- Safe door lock to prevent the unauthorized opening
- Broad climate tolerance, applicable within an ambient temperature range of 10°C~32°C
- Innovative integrated door handle and lock, compacted casters, flexible and easy for operation
- Intelligent condenser design to save energy
- Remote alarm through internet, and advanced function of voltage redeem in case of high/low voltage

● Vacuum Insulation Panel Technology

- The advanced heat insulation technology uses the latest vacuum insulated panel material to guarantee the sealing and to pump out the air between the insulation layers so as to minimize the heat conduction rate by optimizing the heat conduction, heat convection and heat radiation. The VIP produce better heat insulation effect and enlarge 30% more interior storage volume without increasing the dimension of the cabinet

● Optional parts

Stainless steel rack

CO₂ and LN₂ back up system

Storage box



Temperature recorder



-86℃ ULT Freezer

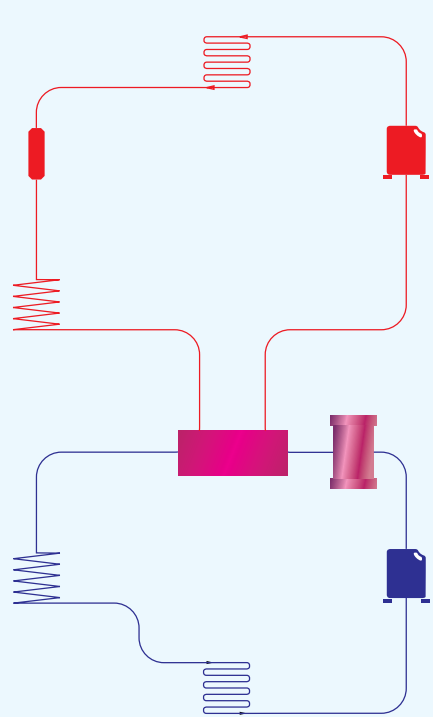


-86℃ ULT Freezer



Item Code	DW-86L288	DW-86L388	DW-86L486	DW-86L490	DW-86L628	DW-86L728	DW-86L828	DW-86W100	DW-86W420
Capacity(L)	288	388	486	490	628	728	828	100	420
Voltage/Frequency	220/50	220/50	220/50 220/60 120/60	220/50 220/60	220/50 220/60 120/60	220/50 220/60 120/60	220/50 220/60	220/50 120/60	220/50
Power(W)	930	1000	1000 1000 1200	1100	1200	1200	1200	650	1000
Temp.range(℃)	-40~-86	-40~-86	-40~-86	-40~-86	-40~-86	-40~-86	-40~-86	-40~-86	-40~-86
Ambient Temp.	10℃~32℃	10℃~32℃	10℃~32℃	10℃~32℃	10℃~32℃	10℃~32℃	10℃~32℃	10℃~32℃	10℃~32℃
Cabinet	Upright	Upright	Upright	Upright, double door	Upright	Upright	Upright	Chest	Chest
Shelves/Inner door	2/3	3/4	3/4	3/4	3/4	3/4	3/4	-/1	-/3
Interior Dimensions(mm)(W*D*H)	620*550*971	620*550*1310	590*630*1310	590*630*1310	760*630*1310	870*630*1310	870*710*1310	470*450*480	1367*462*652
Exterior Dimensions(mm)(W*D*H)	915*870*1641	915*870*1980	945*900*1980	860*900*1980	1035*900*1980	1145*900*1980	1145*980*1980	769*825*1120	2130*870*1020
Packing Dimensions(mm)(W*D*H)	952*924*1801	952*924*2130	982*954*2130	910*970*2130	1072*954*2130	1182*954*2130	1182*1034*2130	834*854*1235	2300*970*1164
Net/Gross Weight(kg)	217/236	255/276	290/310	295/335	301/323	350/380	380/410	138/160	310/357
Container Load(sets) 20'/40'/40'H	12/24/24	12/24/24	12/24/24	12/24/24	12/24/24	8/20/20	8/20/20	12/24/24	6/12/12
Certificate	CE	CE	CE,UL	CE	CE,UL	CE,UL	CE,UL	CE,UL	CE

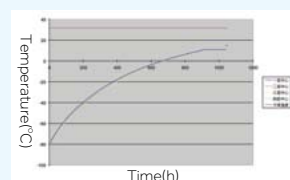
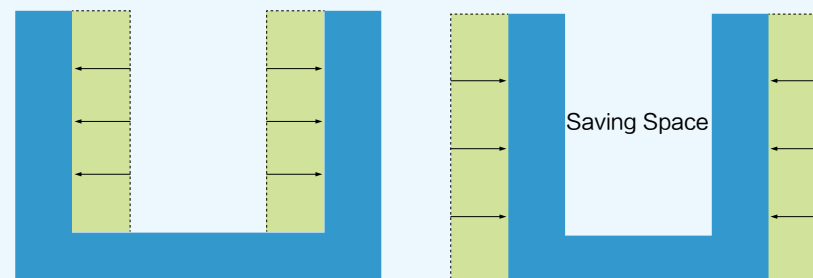
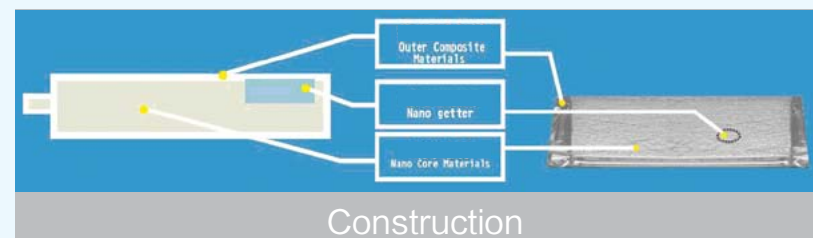
● Heat exchange circulation system of ultra low temperature freezer



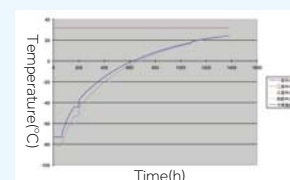
- Filter**
 - Filter for refrigerant to protect system from the water and other entering
- Capillary for high stage**
 - High temperature refrigerants flow into the evaporator from the Capillary
- Capillary for low stage**
 - Low temperature refrigerants flow into the evaporator from the Capillary
- High stage condenser**
 - Large volume condenser emits the heat of system quickly
- Low stage Evaporator**
 - The close contact design between the evaporating tube and the inner cabinet increases the heat conducting efficiency
- Ultra low noise Danfoss compressor**
 - Danfoss compressor provides reliable performance with ultra low noise
 - Special formula lubricant to keep the chemical stable under both high and low temperature so as to make the compressor have a longer life by running parts lubriciously
- Heat exchange system**
 - Heat exchange between the high and low temperature stage in the system
- American Temprite oil separator**
 - American Temprite oil separator can effectively separate oil and water so as to improve the refrigeration performance

● Vacuum Insulation Panel technology

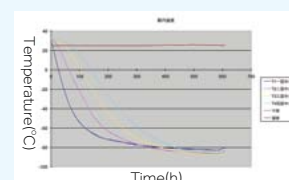
- The vacuum design minimized heat convection and heat conductivity
- The vacuum in the micropore minimize the heat convection
- Superior adiabaticity
- Space saving
- Flame retardant and safe
- Environment-friendly and nanophase materials
- Increase the storage volume and energy saving; the inorganic fiber can be recycled



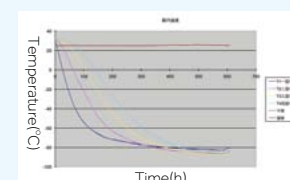
DW-86L388 power off temperature back chart (32°C ambient temperature)



DW-86L628 power off temperature back chart (32°C ambient temperature)



DW-86L388 Temperature dropping chart without load (25°C ambient temperature)



DW-86L628 Temperature dropping chart without load (25°C ambient temperature)

-86°C ULT Freezer

This product is specially designed and manufactured for long time storage of various biological products, including viruses, germs, erythrocytes, leucocytes and cutis.

Applications can be found in blood banks, hospitals, epidemic prevention services, and research institutes, laboratories in electronic and chemical plants, biological engineering institutes and marine fishery companies.



● Advantages

- Narrow width design for convenient use: Narrow width of 725mm for easy installation and small floor space occupied
- Low noise level for comfortable use
- Innovative sealing structure, green technology for energy saving

● Ergonomic design

- Flexible moving: Caster design for easy movement
- Safety: Malfunctions alarms, multiple protection function, broad voltage design for safely use
- Good Performance in pull down time, uniformity, reliability

Specification

Item Code	DW-86L338
Capacity(L)	338
Voltage/Frequency	220/50
Power(W)	900
Temp.range(°C)	-40~-86
Ambient Temp.	10°C-32°C
Cabinet	Upright
Shelves/Inner door	3/2
Interior Dimensions(mm)(W*D*H)	465*630*1165
Exterior Dimensions(mm)(W*D*H)	812*893*1866
Packing Dimensions(mm)(W*D*H)	877*922*1990
Net/Gross Weight(kg)	238/276
Container Load(sets) 20'/40'/40'H	12/24/24
Certificate	CE

ULT Model	Rack Model	Rack Description	Dimension(W*D*H)	Q'ty of Racks	Q'ty of Boxes	Q'ty of Samples
DW-86L288	DCJ-53-A	2 inch stainless steel rack5*3	139*409*287	15	180	14580
DW-86L338	DCJ-54-A	2 inch stainless steel rack 5*4	139*544*287	12	240	19440
	DCJ-54-B	2 inch stainless steel drawer rack5*4	140*554*289	12	240	19440
DW-86L388	DCJ-53-A	2 inch stainless steel rack5*3	139*409*234	15	240	19440
DW-86L486	DCJ-54-A	2 inch stainless steel rack5*4	139*544*287	16	320	25920
	DCJ-54-B	2 inch stainless steel drawer rack5*4	140*554*289	16	320	25920
DW-86L490	DCJ-54-A	Upper chamber:2 inch stainless steel rack 5*4	139*544*287	8	160	12960
	DCJ-54-B	Upper chamber:2 inch stainless steel drawer rack 5*4	140*554*289	8	160	12960
	DCJ-44-A	Lower chamber:2 inch stainless steel rack 4*4	139*544*234	8	160	12960
	DCJ-44-B	Lower chamber:2 inch stainless steel drawer rack 4*4	140*554*236	8	160	12960
DW-86L628	DCJ-54-A	2 inch stainless steel rack 5*4	139*544*287	20	400	32400
	DCJ-54-B	2 inch stainless steel drawer rack5*4	140*554*289	20	400	32400
DW-86L728	DCJ-55-A	2 inch stainless steel rack 5*4	139*544*287	24	480	38880
	DCJ-55-B	2 inch stainless steel drawer rack5*4	140*554*289	24	480	38880
DW-86L828	DCJ-55-A	2 inch stainless steel rack 5*5	139*680*287	24	600	48600
	DCJ-55-B	2 inch stainless steel drawer rack5*5	140*688*289	24	600	48600
DW-86W100	DCJ-08-A	2 inch stainless steel rack8*1	139*142*461	9	72	5832
DW-86W420	DCJ-11-A	2 inch stainless steel rack11*1	142*138*633	27	297	24057

-40°C Deep Freezer

Large capacity, excellent deep temperature performance, 8 ergonomic designs
Integrative Design of Evaporator and Shelves Faster Temperature Dropping

This product is designed to store vaccines, blood plasma, biological materials etc. Applications could be found in the electronic and chemical laboratories epidemic prevention, hospitals, animal husbandry areas, blood banks and research institutes

● Performance

- Temperature adjustable range:-20°C~-40°C
- Microprocessor control, digital display of temperature
- Imported high efficiency Compressor, CFC-free Refrigerant
- Germany EBM brand Fan, high density insulation foam
- Evaporator and Condenser system, guarantee freezing efficiency and uniformity of temperature
- Ergonomic design, more reliable and easy to operate
- High density insulation foam

● Safety System

- Multiple alarm functions: Higher or lower temperature alarm, sensor malfunction alarm, power off alarm
- Two kinds of alarm indicators : Audible buzzing alarm, visual flashing alarm
- Start up delay protection

● Ergonomic Design

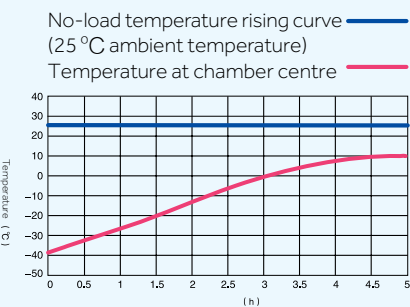
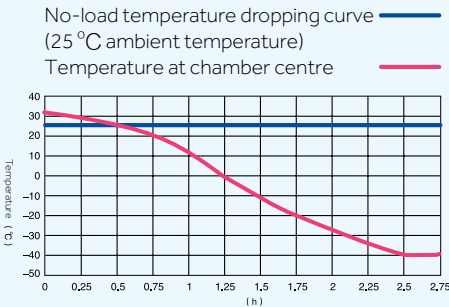
- Double doors design with lock respectively
- Ingenious design of lock, double padlock can be used, providing more safety and reliable
- Door handle, easier to open and close
- Drawer, more convenient to use
- Broad voltage tolerance design, applicable for voltage range 198v~238v
- LED digital display for easy observation
- Equipped with lockable casters, easy to move

-40°C Deep Freezer



Specification

Item Code	DW-40L508
Capacity(L)	490
Voltage/Frequency	220/50 220/60
Power(W)	430
Temp.range(°C)	-20~-40
Big/Small Drawer	4/6
Cabinet	Upright
Interior Dimensions(mm)(W*D*H)	685*650*1228
Exterior Dimensions(mm)(W*D*H)	895*840*1860
Packing Dimensions(mm)(W*D*H)	965*945*2040
Net/gross Weight(kg)	164/170
Container Load(sets) 20'/40'/40'H	12/24/24
Certificate	CE



-40°C Deep Freezer

-40°C Deep Freezer



Item Code	DW-40L92	DW-40L188	DW-40L262	DW-40L428	DW-40L626	DW-40W100	DW-40W255	DW-40W380
Capacity(L)	92	188	262	428	626	100	255	380
Voltage/Frequency	220/50	220/50	220/50 220/60	220/50	220/50	220/50	220/50	220/50 220/60
Power(W)	220	290	340	1200	700	260	410	550
Temp.range(°C)	-10~-40	-10~-40	-10~-40	-10~-40	-20~-45	-20~-40	-20~-40	-20~-40
Drawer/Shelve	3/-	7/-	7/-	5/-	/3	/	/	/
Cabinet	Upright	Upright	Upright	Upright	Upright	Chest	Chest	Chest
Interior Dimensions(mm)(W*D*H)	465*440*645	380*420*1225	480*465*1430	760*630*1300	760*630*1310	500*385*625	1040*430*605	1376*457*625
Exterior Dimensions(mm)(W*D*H)	597*610*860	597*610*1475	657*685*1665	910*835*1990	1035*900*1980	680*600*805	1243*633*838	1550*633*838
Packing Dimensions(mm)(W*D*H)	659*699*934	659*699*1548	732*745*1756	1065*975*2125	1072*954*2130	735*645*855	1310*750*880	1630*755*880
Net/gross Weight(kg)	46/51	63/71	88/93	298/314	298/314	43/46	69/81	82/89
Container Load(sets) 20'/40'/40'H	54/108/108	27/54/54	24/48/48	24/48/48	12/24/24	54/108/162	24/54/81	18/42/63
Certificate	/	/	CE	CE	/	/	CE	CE

-40°C Deep Freezer

Designed for the low temperature experiments of electronic components and other special materials, for storage of blood plasma, biological materials, vaccines etc.

Used in research institutes, laboratories in electronic or chemical industries, blood banks, hospitals, epidemic prevention centres

● Temperature Control

- Temperature adjustable range in cabinet: -25°C ~ -40°C
- High & low temperature alarm can be set as required

● Safety System

- Two alarm conditions: higher or lower temperature alarm, sensor malfunction alarm
- Two kinds of alarm indicators: audible buzzing alarm, visible flashing alarm

● Refrigeration System

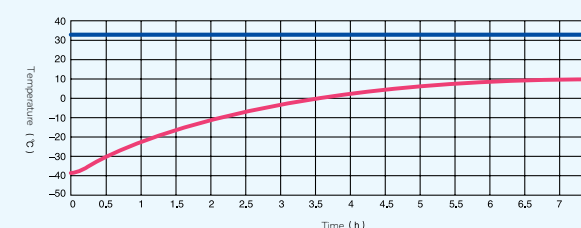
- Secop compressor and Germany EBM condenser fan support excellent refrigeration
- The temperature in cabinet can drop to -40°C in 25°C ambient temperature in 2 hours
- High density insulation foam guarantees the cabinet temperature effectively
- Reasonable design of evaporator and condenser guarantee perfect freezing performance
- CFC-Free refrigerant

● Ergonomic Design

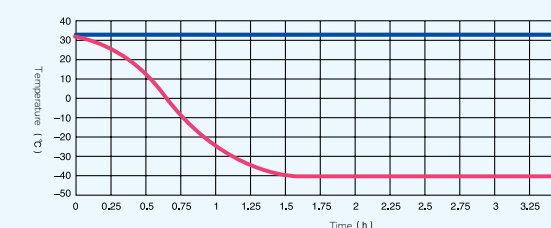
- Safety lock to prevent unauthorized access
- ϕ 40 Test hole for testing (DW-40W380 is exclusive)
- Broad voltage tolerance design, applicable for voltage range 198V~252V
- Anti-corruption step cabinet design, applicable for various of baskets

-40°C Deep Freezer

No-load temperature rising curve
(25 °C ambient temperature)
Temperature at chamber centre



No-load temperature dropping curve
(25 °C ambient temperature)
Temperature at chamber centre



Specification

Item Code	DW-40L428
Capacity(L)	428
Voltage/Frequency	220-240/50
Power(W)	1200
Temp.range(°C)	-20~-45
shelve	5
Cabinet	Upright
Interior Dimensions(mm)(W*D*H)	760*630*1300
Exterior Dimensions(mm)(W*D*H)	910*835*1990
Packing Dimensions(mm)(W*D*H)	1065*975*2125
Net/gross Weight(kg)	298/314
Container Load(sets) 20'/40'/40'H	12/24/24
Certificate	CE



2~8°C/-20~-40°C
Pharmaceutical Refrigerator with Freezer

2~8°C/-20~-40°C Pharmaceutical Refrigerator with Freezer

Refrigerator & Freezer Combination, Separately Control

- **Excellent Performance**
 - Refrigerator 2~8°C, freezer -20~-40°C
- **Reasonable Structure**
 - Large refrigerator; stainless steel, arch out door for convenient clean
- **Key Function**
 - USB port, can record the temperature in one month automatically
 - Separate display of refrigerator and freezer, easy observation
 - Remote alarm and monitor in internet (optional)
 - Divisible drawers and shelves for different items storing
 - Multi-malfunction alarms, precautionary alarm



Specification

Item Code	HYCD-282	HYCD-282A
Capacity(L)	Refrigerator 185 Freezer 97	Refrigerator 185 Freezer 97
Voltage/Frequency	220/50	220/50 220/60
Power(W)	400	400
Temp.range(°C)	2~8/-20~-40	2~8/-20~-40
Shelves/Drawer	3/3	3/3
Cabinet	Upright	Upright
Interior Dimension(mm)(W*D*H)	Refrigerator:605*510*720 Freezer:515*465*440"	Refrigerator:605*510*720 Freezer:515*465*440"
Exterior Dimensions(mm)(W*D*H)	736*660*1810	736*660*1810
Packing Dimensions(mm)(W*D*H)	875*770*1920	875*770*1920
Net/gross Weight(kg)	145/160	145/160
Container Load(sets) 20'/40'/40'H	12/26/26	12/26/26

Integrate Global Intelligence Secure Specimen Consistently

Blood bank refrigerator is a professional equipment to store blood (whole blood) in medical industry. It can also be used to store pharmacy and biological product in hospitals and disease prevention center.



4°C
Blood Bank Refrigerator

● Temperature Control

- Forced-air cooling, and electrical heat system together with microprocessor control system ensure a consistent cabinet temperature within $4\pm 1^{\circ}\text{C}$
- Digital display for the temperature of upper area and lower area in the chamber, as well as the average temperature of the cabinet. The reading precision is 0.1°C , easy observation and monitor
- Adjustable temperature setting within $2\sim 8^{\circ}\text{C}$ and $\pm 0.1^{\circ}\text{C}$ increment
- Five digital integrated sensors to display and control the temperature; temperature recorder monitors the whole process (temperature recorder is optional accessory for HXC-158)

● Safety Control

- Dual display of operational parameter
- Inner-fixed storage battery provides power supply for temperature display, audible and visible alarm for 48 hours
- Three alarming patterns: buzzer alarm, flashing light alarm, remote monitor alarm
- Malfunction alarms: high/low temperature, power failure, sensor error, door opening, low voltage of backup battery
- Both the digital display and temperature recorder keep records of the temperature in case of power failure
- Backup operation programs in case of sensor failure or numerical disorder
- CFC-Free

● Transparent Design

- Auto defrost technology on outer door prevents condensation under 85% humidity and guarantees observation of inner cabinet
- Transparent vacuum door made of tempered glass

● Ergonomic Design

- Auto-defrost function guarantees good performance in high temperature and high humidity area
- Safety lock prevents unauthorized access
- Large digital display for easier observation
- Sorted blood storage space for convenient operation
- Broad voltage design, suitable for working in 187-242V power
- Caster design
- Inner light
- Applicable to broad climatic zones: ambient temperature range $10^{\circ}\text{C}\sim 38^{\circ}\text{C}$ in the areas with humidity no higher than 85%
- Optional stainless steel drawer design



4°C Blood Bank Refrigerator

4°C Blood Bank Refrigerator



Item Code	HXC-158	HXC-158B	HXC-258	HXC-358	HXC-358B	HXC-608	HXC-608A	HXC-608B	HXC-936	HXC-1308	HXC-1308B
Capacity(L)	158	158	258	358	358	608	608A	608	890	1308	1308
Voltage/Frequency	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50	220/50
Power(W)	350	350	430	460	460	490	900	490	900	850	850
Temp.range(°C)	4±1	4±1	4±1	4±1	4±1	4±1	4±1	4±1	4±1.5	4±1.5	4±1.5
Temp.control	Microprocessor control					Microprocessor control					
Ambient Temp.	10°C~38°C	10°C~38°C	10°C~38°C	10°C~38°C	10°C~38°C	10°C~38°C	10°C~38°C	10°C~38°C	10°C~32°C	10°C~32°C	10°C~32°C
Shelves/Baskets	4/4	-	4/16	5/20	-	6/24	5/25	-	12/36	12/48	-
Drawers	-	4	-	-	5	-	-	6	-	-	12
Blood Storage Capacity (400ml blood bags)	84	84	160	200	200	360	300 bags(450ml)	360	396	576	576
Door	Single-layer glass door					Single-layer glass door			Double-layer glass door	Double-layer glass door	Double-layer glass door
Casters	4	4	4	4	4	4	4	4	4	4	4
Interior Dimensions (mm)(W*D*H)	455*370*1070	455*370*1070	620*470*930	620*470*1200	620*470*1200	680*620*1400	680*620*1360	680*620*1400	1030*590*1425	1320*700*1500	1320*700*1500
Exterior Dimensions (mm)(W*D*H)	560*630*1530	560*630*1530	720*690*1530	720*690*1730	720*690*1730	780*840*1960	846*913*1980	780*840*1960	1125*740*1980	1440*875*1980	1440*875*1980
Packing Dimensions (mm)(W*D*H)	637*667*1647	637*667*1647	797*787*1647	797*787*1857	797*787*1857	857*937*2097	911*1010*2117	857*937*2097	1254*840*2240	1600*1010*2100	1600*1010*2100
Net/gross Weight(kg)	107/120	107/120	146/160	158/174	158/174	204/227	220/243	204/227	227/279	310/360	310/360
Container Load(sets) 20'/40'/40'H	27/54/54	27/54/54	14/30/30	14/30/30	14/30/30	12/26/26	12/26/26	12/26/26	8/18/18	6/12/12	6/12/12
Certificate	CE	CE	/	CE	CE	CE	CE	CE	CE	/	/

Mobile Blood Bank Refrigerator

This product is suitable to be installed on ambulance, blood transportation vehicle and vaccine transportation vehicle of medical organizations. Mobile Blood Bank Refrigerator could be used in extremely hostile environment. Ambient temperature ranges from -2°C to 43°C and humidity can be above 80%

● Temperature Control

- Microprocessor control and digital temperature display. Two temperature level: 4°C or 22°C.
- Forced air cooling system. Internal temperature fluctuation is within ±1.5°C. Temperature ranges 2.5-5.5°C when setting temperature is 4°C. Temperature ranges 20-24°C when setting temperature is 22°C

● Safety System

- Perfect alarming system: both buzzer alarming and flashing light alarming are available for over temperature, power failure, sensor error, abnormal power supply and high ambient temperature
- Inner-fixed storage battery provides power supply for temperature display, audible and visible alarm for 48 hours;
- Intelligentized microcomputer control, real-time supervision on electricity of vehicle. Giving priority to the power supply of vehicle or boat to guarantee transportation safety



● Cooling System

- Imported Danfoss compressor and ADDA fan
- Forced air cooling system, good control of air flow and blowing rate make inner temperature stable and uniform
- Finned type evaporator effectively increases cooling area and speeds up cooling rate

● Heating System

- Build-in heater strip has function of defrost and heating

● Ergonomic Design

- Double-layer blood baskets design for convenient use
- Double-lock safety design and padlock can be used
- LED display with 45° angle for easy observation
- Super broad voltage design. Power selection with DC 12/24V and AC 100-240V, 50/60HZ
- 80° angle position limitation design of door
- Foaming cabinet, cabinet and door are made in antibacterial material and convenient to clean
- Water outlet design for easy clean of waste water in cabinet
- Handle and caster design for convenient move and carry



Item Code	HXC-80
Capacity(L)	80
Power(W)	DC75 ; AC105
Box Capacity(450ml blood bags)	48 bags
Ambient Temp.	-2°C to 43°C
Temp.range(°C)	4±2 or 22±2
Voltage	DC12/24V; AC100-240V/50-60Hz Automatic power supply selection
Alarm method	Audile and visible
Material	Whole polyethylene body(corrosion free) Whole polyentylene door(corrosion free)
Insulation	Fully CFC-free
Shelves/Baskets	-/4
Net/gross Weight(kg)	58/65
Interior Dimensions(mm) (W*D*H)	504*350*513
Exterior Dimensions(mm) (W*D*H)	1000*550*856
Packing Dimensions(mm) (W*D*H)	1145*615*950
Container Load(sets) 20'/40'/40'H	36/76/76
Certificate	CE

2~8°C Pharmacy Refrigerator

Haier pharmacy refrigerators are designed to store pharmaceuticals, medicines and other related products.

Applicable for drug stores, pharmaceutical companies, hospitals, epidemic prevention centers and clinics.



WHO Recommended Professional Refrigerator Excellent Performance To Guarantee The Safety Storage

● Products Performance

- Finned-tube evaporator design, temperature lower down faster
- Microprocessor control, digital display, temperature adjust with an increment of 0.1°C
- Forced-air cooling system, the fluctuation of temperature in cabinet is within $\pm 3^{\circ}\text{C}$, the adjustable temperature range: 2~8°C

● Safety System

- Excellent alarm system, audible buzzing alarm and visible flashing alarm, alarms conditions include higher or lower temperature alarm, sensor malfunction alarm, open door alarm, remote alarm, power failure alarm, refrigeration system malfunction alarm
- Built-in storage battery, digital display and alarms for 72 hours in case of power failure (applicable only for HYC-260/360/610/940/1378)

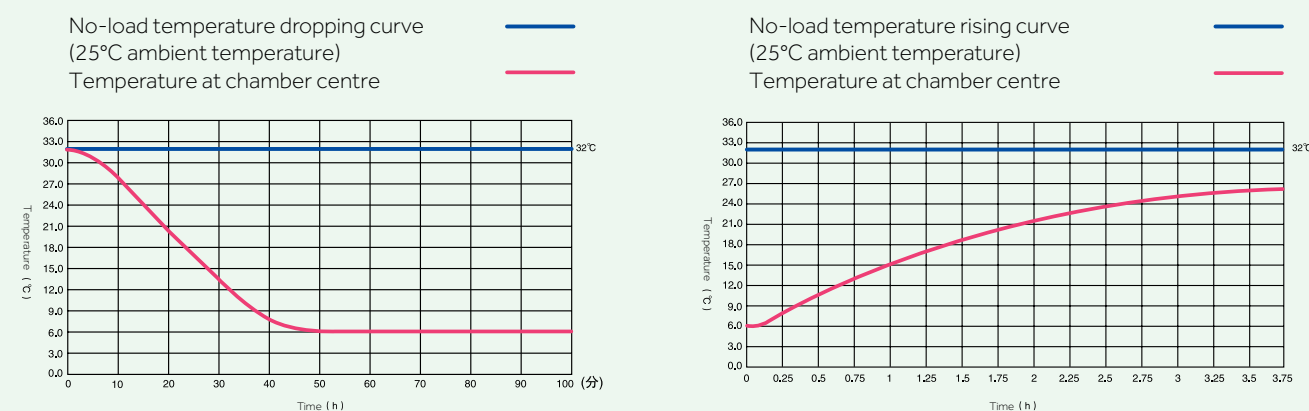
● Refrigeration system

- Secop compressor and Germany EBM condenser fan support an excellent refrigeration
- Forced-air cooling system, large airflow with optimized air channels to guarantee inner temperature consistency
- Reasonable design for evaporator, temperature drop down faster

● Ergonomic Design

- Multi-level and adjustable shelves for various dimensions of pharmaceutical products, making full use of the space
- Safety lock to prevent unauthorized access
- Large digital display screen
- Broad voltage tolerance
- Applicable in special condition: ambient temperature 10~32°C with the humidity below 75%
- Polyurethane foam insulation door, transparent vacuum toughened glass door, lockable casters (HYC-610/940)
- Inner light

2~8°C Pharmacy Refrigerator



Item Code	HYC-260	HYC-360	HYC-610	HYC-940	HYC-1378
Capacity(L)	260	360	610	890	1378
Voltage/Frequency	115/60 220/50	220/50	220/50 220/60	220/50	220/50
Power(W)	340	430	490	900	800
Temp.range(°C)	2~8	2~8	2~8	2~8	2~8
Door	Single-layer glass	Single-layer glass	Single-layer glass	Double layer glass	Double-layer glass
Shelves/Inner door	4/-	5/-	6/-	12/-	12/-
Interior Dimensions(mm)(W*D*H)	550*460*1065	550*460*1340	680*620*1400	1030*590*1425	1320*700*1500
Exterior Dimensions(mm)(W*D*H)	620*655*1720	620*655*1955	780*840*1960	1125*740*1980	1440*875*1980
Packing Dimensions(mm)(W*D*H)	700*715*1810	700*715*2080	875*937*2097	1260*850*2150	1600*1010*2100
Net/gross Weight(kg)	88/100	99/114	204/227	227/279	310/360
Container Load(sets) 20'/40'/40'H	24/48/48	24/48/48	12/26/26	8/18/18	6/12/12
Certificate	/	CE	/	CE	/

2~8°C Built-in Pharmacy Refrigerator

Precision Constant Temperature, Exquisite Installation

The first built-in pharmacy refrigerator in China, ultra low noise design, safety lock, perfect alarm system, safety protection

● Temperature Control

- Microcomputer control, digital display temperature, adjustable increment 1°C.
- Forced-air cooling system, cabinet temperature fluctuation within $\pm 3^{\circ}\text{C}$, setting and maintaining the cabinet temperature within 2~8°C

● Safety System

- Perfect alarm system, audible buzzing alarm and visible flashing alarm, temperature-exceeding alarm, sensor malfunction alarm, open door alarm.

● Refrigeration System

- DC fan, air cooling structure, reasonable design for air vent and air volume, consistent temperature in cabinet.
- Reasonable design of evaporator, expansion of the refrigeration space, improve cooling speed.

● Ergonomic Design

- Ultra low noise design, low power consumption
- Multi-shelf design, adjusted on bars and can adjust the space according to the items, make full use of space
- Safety lock design, prevent opening randomly
- Broad voltage tolerance, applicable for unstable voltage supply
- Suitable for 10°C-32°C ambient temperature and below 60% humidity area use
- Inner light design



Item Code	HYC-68	HYC-68A
Capacity(L)	68	68
Voltage/Frequency	220/50	220/50 115/60
Power(W)	84	84
Temp.range(°C)	2~8	2~8
Door	Foam Insulation door	Glass door
Shelves/Inner door	2/-	2/-
Interior Dimensions(mm)(W*D*H)	415*385*505	415*385*505
Exterior Dimensions(mm)(W*D*H)	495*580*660	495*580*660
Packing Dimensions(mm)(W*D*H)	522*620*690	522*620*690
Net/gross Weight(kg)	38/40	38/40
Container Load(sets) 20'/40'/40'H	108/228/228	108/228/228
Certificate	CE	CE

Vaccine & Icepack Freezer

The refrigerators are designed to store vaccine, pharmaceuticals and so on. Applications could be found in epidemic prevention, clinics, hospitals, research institutes etc.

In 2008, Haier won the tender of India MOHFW to supply 8559 units Vaccine Freezers and 5900 units Ice Lined Refrigerators.

In 2010, Haier won the tender of India MOHFW to supply 9010 units Vaccine Freezers and 11922 units Ice Lined Refrigerators.

In 2011, Haier got the LTA of Ice Lined Refrigerator and Vaccine Freezer. Haier becomes the Long term supplier of UNICEF.



HBD-116



HBD-286

● Refrigeration System

- High efficient Secop compressor
- CFC-free polyethylene insulation
- Superior refrigeration effect with an optimized evaporator and condenser design

● Temperature Control

- Digital display
- Cabinet temperature is adjustable within a range of -15°C~-25°C
- Adjustable temperature set range

● Ergonomic Design

- Safety lock to prevent unauthorized access
- Anti-corrosion interior liner is clean and convenient to use, the multi-level design can store baskets of various sizes
- Drainage system for easy cabinet cleaning
- LCD digital display can observe temperature easily

Model	HBD-116	HBD-286
Vaccine storage capacity	92L	224L
Gross volume	121L	298L
Gross weight (kg)	79	85
Ambient temperature	<43°C	<43°C
Compressor	Secop compressor	Secop compressor
Refrigerant	R134a	R134a
Exterior Dimensions(mm) (W×D×H)	670×630×820	1240×630×820
Packing Dimensions (mm) (W×D×H)	755×760×880	1325×760×880
Container load(sets) 20'/40'/40'H	42/90/135	24/54/81
Power Consumption: stable running	0.38KWh/24h	4.36KWh/24h
Certificate	CE:WHO/PQS	CE:WHO/PQS

2~8°C Ice-lined Refrigerator

● Refrigeration System

- Microprocessor control
- CFC-free polyethylene insulation
- Superior refrigeration effect with an optimized evaporator and condenser design
- Single-deck inner, built-in ice packs can keep the chamber temperature at a range of 2°C-8°C for up to 25 hours at an ambient temperature within 43°C in the case of power failure, within ice-packs fully infused
- WHO/UNICEF standard compliant
- Ambient temperature: 10°C-43°C

● Temperature Control

- Power on/off indicator
- Digital display
- Cabinet temperature range 2°C-8°C

● Ergonomic Design

- Door lock to prevent unauthorized access
- Stainless steel interior liner, clean and convenient to use
- Drainage system for easy cabinet cleaning



Inside structure



Lock



Controller



NEW



Model	HBC-70	HBC-110	HBC-200
Liters	45L	52.5L	90L
vaccine storage capacity	71L	110L	198L
Gross volume	65/70	87/93	109/115
Net/Gross Weight(kg)	5°C-43°C	5°C-43°C	5°C-43°C
Ambient temp.	Secop compressor	Secop compressor	Secop compressor
Compressor	R134a	R134a	R134a
Refrigerant	406*360*610	595*360*610	976*336*610
Interior Dimensions(mm)(W*D*H)	673*663*818	860*660*818	1243*633*818
Exterior Dimensions(mm)(W*D*H)	756*760*880	950*760*880	1325*760*880
Packing Dimensions(mm)(W*D*H)	42/90/135	36/72/108	24/54/80
Container load(sets) 20'/40'/40'H	more than 25hrs	more than 36hrs	more than 25hrs
Holdover time at 43°C	0.64	1.2	1.34
Power consumption: stable running	2.4	1.28	4.01
Power consumption: cool down test	CE:WHO/PQS	CE:WHO/PQS	CE:WHO/PQS
Certificate			



2~8°C Solar Driven Vaccine Refrigerator

2~8°C Solar Driven Vaccine Refrigerator

The solar driven vaccine refrigerator is designed to keep vaccine without any access to a power source. Solar panels provide the necessary power and the icepack compartment maintains a proper temperature for days even without sunshine. The temperature is controlled and maintained via self-regulating convection between icepack compartment and vaccine compartment.



- 1 Holdover time: 119 hours
- 2 Autonomy time: 135 hours

WHO Approved

EXTERNAL DIGITAL DISPLAY

The current temperature is displayed through the solar driven digital display. There is no need for daily adjustment, as the entire system has been calibrated before delivery from the factory and it is self-regulating.



● Specification

Model	HTC-60
Vaccine Storage Capacity(Litres)	21
Gross Capacity(Litres)	60
Ambient Temperature	10°C-32°C
Temperature Range	2°C-8°C
Autonomy Time at 32°C	135 Hrs
Hold Over Time During Power Cut	119 Hrs
Solar Panel Required(Premium)	Min. 240 Watt
Basket	2
Interior Dimension(W*D*H,mm)	240*445*610
Exterior Dimension(W*D*H,mm)	788*745*875
Packing Dimension(W*D*H,mm)	865*780*1030
Net/Gross Weight(Kgs)	78/98
Container Load(20'/40'/40'H)	36/78/78

Specimen Storage Information Solution

In the recent years, as the development of life science industry, the number of specimen needing freeze storage has increased a lot. How to maximize storage and manage specimen has been a problem. As a professional supplier of cold chain products, Haier Medical offers and supports specimen storage informationized solution.

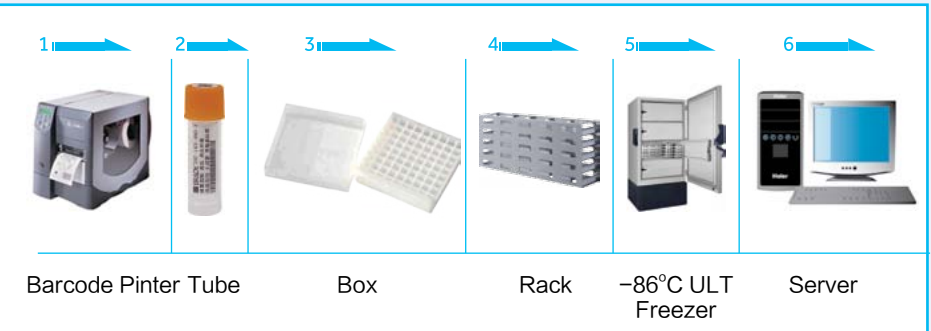
Problem	Solution
Specimen bundled with plastic bags, hard to classify.	Rack + Box + Code management, informationized storage, maximize utilization.
Hard to find specimen.	Graphic storage, easy to find specimen.
No record of sample freeze/melt.	Keep record of all the usage information of each sample.
Numbering not clear to find sample files.	Code scanned, easy to avail sample information.
Specimen validity cannot be controlled.	Expire alarm, to use the specimen more efficiently.
Specimen stored in bad environment	Remote monitoring the storage environment.

Problem Analysis Specimen Storage Management Information Solution.

1	Space utilization	Use small freezers, standard racks and boxes
2	Unified sample number	Use low temperature resistant lable
3	Record, search and report	Easy to record, search and report
4	Software management	Account can be allocated by software for different authority

03 Product Solution

- Specimen storage informationized solution, manage tubes, boxes, racks and freezers. Easy to manage all the sample information



- Tubes: 1.5ml, 2ml tubes and others



- Vertical rack for keeping 2 inch height standard boxes



- Vertical rack for keeping 96 holes microtitration plate



- Horizontal racks for keeping 2 inch height standard boxes



• Code Scanner

Perfect combine of excellence, tolerance, comfort and port selection, working stably for many years. High performance, deep and fast reading ability, and tolerance can be applicable in all occasion. Comfortable human engineering design, make it more efficient. Tolerance: With firm structure and tolerant absorber, abrasion resistant mobile parts, most tough scanner.



• Industrial Code Printer

- Printing model: Heat printing.
- Code printer resolution: 300dpi
- Print width: 104mm
- Maximum print length: 3988mm
- Lable width: 25~114mm.
- Lable thickness: 0.058~0.254mm
- Carbon belt length: 450000mm
- Carbon belt width: 51~110mm

- Memory: 4MB
- Interface type: RS-232C serial interface, IEEE 1284 parallel interface.
- Character set: 39 code, UPC-A, UPC-39 code, UPC-A, UPC-E, Cross 25E, Cross 25 code, 128 code, EAN-8, EAN-13, HIBC, Codabar, Plessey, UPC2 (5 position additional code), 93 code, Postnet, UCC/EAN128, Telepan, UPS Maxicode, FIM, PDF 417, USD-8, DataMatrix, QR code, TLC39, MicroPDF417, RSS IBM Code Page.850.



Specification List

Medical Cold Chain Equipments

Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Shelves/ Inner door	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
150°C Cryo Freezer										
DW-150 W200	380/50	2800	-126~-150	200	315/385	-/2	1570x850x1060	667x462x650	1716x987x1198	6/13/13
-86°C ULT Freezer										
DW-86L828	220/50 220/60	1200	-40~-86	828	380/410	3/4	1145x980x1980	870x710x1310	1182 x 1034 x 2130	8/20/20
DW-86L728	220/50 220/60 120/60	1200	-40~-86	728	350/370	3/4	1145x900x1980	870x630x1310	1182 x 954 x 2130	8/20/20
DW-86L628	220/50 220/60 120/60	1200	-40~-86	628	301/323	3/4	1035x900x1980	760x630x1310	1072 x 954 x 2130	12/24/24
DW-86L490	220/50 220/60	1100	-40~-86	490	295/335	3/4	860x900x1980	590x630x1310	910 x 970 x 2130	12/24/24
DW-86L486	220/50 220/60 120/60	1000 1000 1200	-40~-86	486	290/310	3/4	945x900x1980	590x630x1310	982x954x2130	12/24/24
DW-86L388	220/50	1000	-40~-86	388	255/276	3/4	915x870x1980	620x550x1300	952 x 924 x 2130	12/24/24
DW-86L338	220/50	900	-40~-86	338	238/276	3/2	812x893x1866	465x630x1165	877 x 922 x 1990	12/24/24
DW-86L288	220/50	930	-40~-86	288	217/236	2/3	915x870x1641	620x550x971	952 x 924 x 1801	12/24/24
DW-86W420	220/50	1000	-40~-86	420	310/357	-/3	2130x870x1020	1367x462x652	2300 x 970 x 1164	6/12/12
DW-86W100	220/50 120/60	650	-40~-86	100	138/160	-/1	769x825x1120	470x450x480	834x854x1235	12/24/24
Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Drawer (big/small)	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
-40°C Deep Freezer										
DW-40L626	220/50	700	-20~-45	626	298/314	-	1035x900x1980	760x630x1310	1072 x 954 x 2120	12/24/24
DW-40L508	220/50 220/60	430	-20~-40	490	164/170	4/6	895x840x1860	685x650x1228	965 x 945 x 2040	12/24/24
DW-40L428	220/50	1200	-20~-45	428	298/314	5	910x835x1990	760x630x1300	1065x975x2125	12/24/24
DW-40L262	220/50 220/60	340	-10~-40	262	88/93	7	657x685x1665	480x462x1430	732 x 745 x 1756	24/48/48
DW-40L188	220/50	290	-10~-40	188	63/71	7	597x610x1475	380x420x1225	659 x 699 x 1548	27/54/54
DW-40L92	220/50	220	-10~-40	92	46/51	3	597x610x860	465x440x645	659 x 699 x 934	54/108/108
DW-40W380	220/50 220/60	550	-20~-40	380	82/89	-	1550x633x838	1376x457x625	1630 x 755 x 880	18/42/63
DW-40W255	220/50	410	-20~-40	255	69/81	-	1243x633x838	1040x430x605	1310 x 750 x 880	24/54/81
DW-40W100	220/50	260	-20~-40	100	43/46	-	680x600x805	500x385x625	735 x 645 x 855	54/108/162
Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Gross Weight(Kg)	Baskets	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
Vaccine & Icepack Freezer										
HBD-286	220/50	186	-10~-20	298	85	3	1240x630x820	-	1325x760x880	24/54/81
HBD-116	220/50	134	-10~-20	121	79	2	670x630x820	-	755x760x880	42/90/135
Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Shelves / Drawer	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
2-8°C/-20~-40°C Pharmaceutical Refrigerator with Freezer										
HYCD-282	220/50	400	2-8/-20~-40	(R)185 (F)97	145/160	3/3	736x660x1810	(R)605x510x720 (F)515x465x440	875 x 770 x 1920	12/26/26
HYCD-282A	220/50 220/60	400	2-8/-20~-40	(R)185 (F)97	145/160	3/3	736x660x1810	(R)605x510x720 (F)515x465x440	875 x 770 x 1920	12/26/26
Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Shelves/ Inner door	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
2-8°C Pharmacy Refrigerator										
HYC-1378	220/50	800	2-8	1378	310/360	12/-	1440x870x1980	1320x700x1500	1600x1010x2100	6/12/12
HYC-940	220/50	900	2-8	890	227/279	12/-	1125x740x1980	1030x590x1425	1260 x 850 x 2150	8/18/18
HYC-610	220/50 220/60	490	2-8	610	204/227	6/-	780x840x1960	680x620x1400	875 x 937 x 2097	12/26/26
HYC-360	220/50	430	2-8	360	99/114	5/-	620x655x1840	550x460x1340	700 x 715 x 2080	24/48/48
HYC-260	115/60 220/50	340	2-8	260	88/100	4/-	620x655x1720	550x460x1065	700 x 715 x 1810	24/48/48

Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Shelves/ Baskets	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
2-8°C Built-in Pharmacy Refrigerator										
HYC-68	220/50	84	2-8	68	38/40	2/1	495x580x660	415x385x505	522 x 620 x 690	108/228/228
HYC-68A	220/50 115/60	84	2-8	68	38/40	2/1	495x580x660	415x385x505	522 x 620 x 690	108/228/228
Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Shelves/ Baskets	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
2-8°C Solar Driven Vaccine Refrigerator										
HTC-60	12V.DC	97	2-8	60	78/98	2	788x745x875	240x445x610	865x780x1030	36/78/78
Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Shelves/ Baskets	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
2-8°C Ice-lined Refrigerator										
HBC-200	220/50	194	2-8	198	108/114	9	1243x633x818	976x336x610	1325x760x880	24/54/81
HBC-110	220/50	155	2-8	110	87/93	5	860x660x818	595x360x610	950x760x880	36/72/108
HBC-70	220/50	150	2-8	71	64/70	3	673x663x818	406x360x610	756x760x880	42/90/135
Model	Voltage (V/Hz)	Input Power(W)	Temp. range (°C)	Capacity (L)	Net /Gross Weight(Kg)	Shelves/ Baskets	Exterior Dimension WxDxH(mm)	Interior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Container Load (sets) 20'/40'/40'H
4°C Blood Bank Refrigerator										
HXC-1308	220/50	850	4±1.5	1308	310/360	12/-	1440x875x1980	1320x700x1500	1600x1010x2100	6/12/12
HXC-1308B	220/50	850	4±1.5	1308	310/360	12(Drawer)	1440x875x1980	1320x700x1500	1600x1010x2100	6/12/12
HXC-936	220/50	900	4±1.5	890	227/279	12/36	1125x740x1980	1030x590x1425	1254 x 840 x 2240	8/18/18
HXC-608	220/50	490	4±1	608	204/227	6/24	780x840x1960	680x620x1400	857 x 937 x 2097	12/26/26
HXC-608A	220/50	900	4±1	608	220/243	5/25	846x913x1980	680x620x1360	911x 1010 x 2117	12/26/26
HXC-608B	220/50	490	4±1	608	204/227	6(Drawer)	780x840x1960	680x620x1400	857 x 937 x 2097	12/26/26
HXC-358	220/50	480	4±1	358	158/174	5/20	720x690x1730	620x470x1200	797 x 787 x 1857	14/30/30
HXC-358B	220/50	480	4±1	358	158/174	5(Drawer)	720x690x1730	620x470x1200	797 x 787 x 1857	14/30/30
HXC-258	220/50	430	4±1	258	146/160	4/16	720x690x1530	620x470x930	797 x 787 x 1647	14/30/30
HXC-158	220/50	430	4±1	158	107/120	4/4	560x630x1530	455x370x1070	637 x 667 x 1647	27/54/54
HXC-158B	220/50	430	4±1	158	107/120	4(Drawer)	560x630x1530	455x370x1070	637 x 667 x 1647	27/54/54
Mobile Blood Bank Refrigerator										
HXC-80	DC12/24V AC100- 240V/ 50 or 60Hz	DC 75 AC 105	4±1.5or22±2	80	58/65	-/4	1000x550x856	570x350x580	1140 x 615 x 950	36/76/76

Infection Control Equipments

Biological Safety Cabinet	Filtering Efficiency	Cleaness Class	Downflow Air Velocity	Inflow Air Velocity	Illumination	Exterior Dimension WxDxH(mm)	Operating Area WxDxH(mm)	Packing Dimension WxDxH(mm)	Suggested Operators	Container Load (sets) 20'/40'/40'H
HR30-IIA2	99.9995% @ 0.12µm	10 [#]	0.3m/s	0.58m/s	≥1200Lx	1100×780×2200	900×610×680	1230×910×2180	1-2	8/18/18
HR40-IIA2		10 [#]	0.28m/s	0.55m/s	≥1100Lx	1360×780×2200	1167×610×680	1490×910×2180	1-2	7/16/16
HR40-IIIB2		10 [#]	0.32m/s	0.58m/s	≥1100Lx	1360×780×2400	1167×610×680	1490×910×2340	1-2	7/16/16
HR60-IIA2		10 [#]	0.32m/s	0.58m/s	≥1200Lx	1960×780×2200	1735×610×680	2040×910×2180	1-2	6/13/13

Washer- Disinfector	Max Input Power(Kw)	Exterior Dimension WxDxH(mm)	Packing Dimension WxDxH(mm)	Effective Washing Area(L)	Temp. Control	Water Consumption Volume	Standard Shelves	Container Load (sets) 20'/40'/40'H
HRQX-480	25	1110×910×2040	1210×1120×2340	480	Ambient Temp. to 93°C	25	5	8/16/16
HRQX-380	18	930×700×1990	1030x800x2450	380	Ambient Temp. to 93°C	18	5	14/28/28
HRQX-280	18	930×700×1840	1030x800x2040	280	Ambient Temp. to 93°C	15	4	14/28/28

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