



Your Haier Biomedical Partner

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Note: If a slight difference occurs between pictures and actual products, please refer to actual products. Our company reserves the right of final interpretation of this brochure, please contact us for any further information if required.



Biomedical Freezer Solutions

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-60°C Biomedical Freezer

03/04

A versatile low-temperature freezer installed in hospitals, blood stations, diseases control & prevention centers, research institutions, bioscience laboratories and medical laboratories. It is suitable for storing a wide variety of biological products including viruses, bacteria, red blood cells, white blood cells, skin, bone and semen as well as ocean-going supplies and electronic devices. It can also provide a low-temperature environment for testing of special materials.

The secondary application is for the storage of fishery products such as tuna, Australian lobster, salmon, South American shrimps, Argentina red shrimp, top-quality beef, kanpachi, octopus, yellowtail, bonito fish, grouper, and fugu rubripes. This is a requirement for fishery products for human consumption and hence these freezers are popular among professional oceanic fisherman, seafood distributors, speciality seafood stores and sushi restaurants and commercial food manufacturers.



DW-60W258



German Made Energy Efficient Compressor



Digital Temperature Control display



Dual-seal Design



Efficient and Reliable Fan



Quickly freeze sea food products to retain their original taste, structure and freshness.



Low noise output, noise cancelling technology yields a smoother operation and a sound level of less than 43dB(A).



Multiple alarm system includes temperature alarm, and sensor error alarm.



HC refrigerant system is optimized to improve refrigeration efficiency by 30 %, and save energy by about 50%.

Single compressor auto cascade refrigeration system provides high efficient cooling power. 100m insulation ensure optimal thermal protection and energy efficiency.



Dual seal design retains cold and reduces condensation.



Key lock product protection and lockable casters for ease of moving and safe installation.

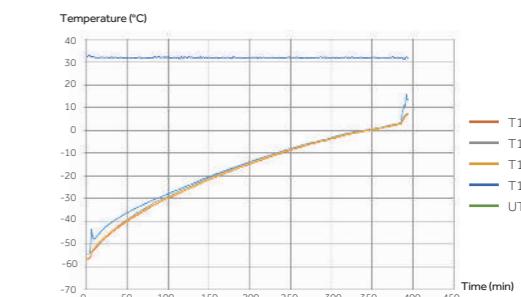
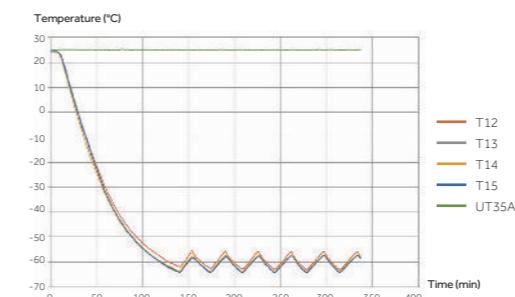


304 stainless steel is suitable for both laboratory and is certified food safe for commercial kitchen environments.



An easy to use, waterproof digital controller

Temperature Curve



Specifications

	Model	DW-60W138	DW-60W258	DW-60W388
Technical Data	Cabinet Type	Chest	Chest	Chest
	Climate Class	N	N	N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling
	Refrigerant	HC	HC	HC
	Sound Level (dB(A))	43	43	43
Performance	Cooling Performance (°C)	-60	-60	-60
	Temperature Range (°C)	-30~60	-30~60	-30~60
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LED	LED	LED
Electrical Data	Power Supply (V/Hz)	220~240/50	220~240/50	220~240/50
	Power (W)	620	620	700
	Electrical Current (A)	3.1	3.1	5.3
	Capacity (L/Cu.Ft)	138/4.9	258/9.1	388/13.7
	Net/Gross Weight (approx)	kg 62/75	88/108	105/130
Dimensions	Interior Dimensions (W*D*H)	mm 580*445*620	1000*445*620	1450*445*620
		in 22.8*17.5*24.4	39.4*17.5*24.4	57.1*17.5*24.4
	Exterior Dimensions (W*D*H)	mm 790*770*950	1210*770*950	1655*770*950
		in 31.1*30.3*37.4	47.6*30.3*37.4	65.2*30.3*37.4
Alarms	Packing Dimensions (W*D*H)	mm 815*800*990	1255*800*990	1695*800*990
		in 32.1*31.5*39	49.4*31.5*39	66.7*31.5*39
	Container Load (20'/40'/40'H)	28/56/56	22/46/46	14/28/28
Accessories	High/Low Temperature	Y	Y	Y
	Sensor Error	Y	Y	Y
	Caster	Y	Y	Y
Others	Porthole	Y	Y	Y
	Certificate	CE, MDR	CE, MDR	CE, MDR



-40°C Biomedical Freezer (Chest)

05/06

This product is designed to store vaccines, blood plasma and many other biological materials. Suitable for scientific research institutes, blood stations, hospitals, centers for disease control and prevention, and material science, electronics and chemical laboratories.



DW-40W138J/255J/380J

Product Features



Temperature Control

- Microcomputer control, digital temperature display, display precision is 0.1°C. Adjustable temperature set point -20°C--40°C
- User settable temperature alarms



Safety System

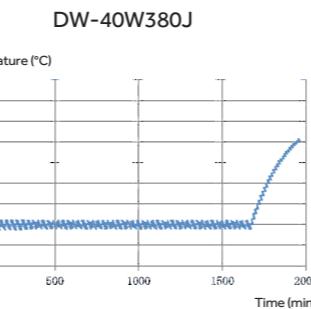
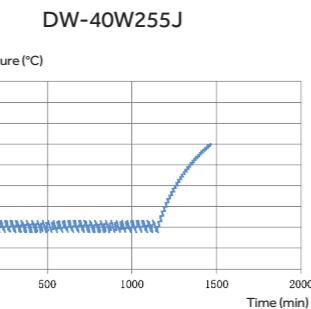
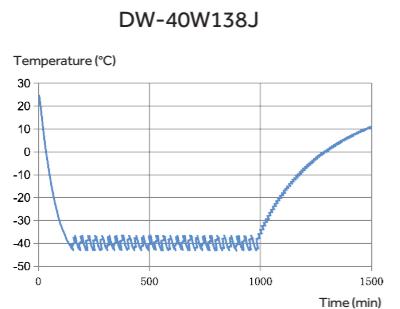
- Multiple alarms: high/low temperature alarm/sensor error alarm/power failure alarm. Optional high ambient warning and remote alarm contacts
- Battery backed-up alarm will alert for more than 24 hours in case of power failure
- Equipped with overcurrent protector for safety



Refrigeration System

- Durable, market-leading brand compressors and EBM condensing fan ensure a high refrigeration efficiency and maximizes temperature performance
- High density insulation layer delivers superior insulation performance
- Evaporator and condenser design delivers excellent refrigeration efficiencies
- Non-toxic, environmentally-friendly hydrocarbon refrigerants

Temperature Curve



Specifications



	Model	DW-40W138J	DW-40W255J	DW-40W380J
Technical Data	Cabinet Type	Chest	Chest	Chest
	Climate Class	SN N	SN N	SN N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual
	Refrigerant	HC	HC	HC
	Sound Level (dB(A))	42	42	42
Performance	Cooling Performance (°C)	-40	-40	-40
	Temperature Range (°C)	-20~40	-20~40	-20~40
	Controller	Microprocessor	Microprocessor	Microprocessor
Control	Display	LCD	LCD	LCD
	Power Supply (V/Hz)	220~240/50	220~230/50	220~230/50
Electrical Data	Power (W)	260	370	450
	Capacity (L/Cu.Ft)	138/4.9	255/9.0	380/13.4
Dimensions	Net/Gross Weight (approx)	kg	52/65	76/96
		lbs	114.6/143.3	167.5/211.6
	Interior Dimension (W×D×H)	mm	580*445*620	1000*445*620
		in	22.8*17.5*24.4	39.4*17.5*24.4
	Exterior Dimension (W×D×H)	mm	790*770*950	1210*770*950
		in	31.1*30.3*37.4	47.6*30.3*37.4
Alarms	Packing Dimension (W×D×H)	mm	840*810*1000	1260*810*1000
		in	33.1*31.9*39.4	49.6*31.9*39.4
Accessories	Container Load (20'/40'/40'H)		28/56/56	16/36/54
	High/Low Temperature		Y	Y
	Remote Alarm		Optional	Optional
	Power Failure		Y	Y
	Sensor Error		Y	Y
	Low Battery		N	N
	High Ambient Temperature		Optional	Optional
	Dirty Condenser		N	N
Others	Door Ajar		N	N
	Casters		Y(4)	Y(4)
	Leveling Feet		N	N
	Porthole		Y, 1*Left Side, (25mm)Diameter	Y, 1*Left Side, (25mm)Diameter
	Inner Doors		N	N
	Drawers		N	N
	Shelves		N	N
	Storage Basket		1	2
	USB Interface		Optional	Optional
	RS485		Optional	Optional
Others	NFC		N	N
	Temperature Recorder		N	N
	Certificate		CE, MDR	CE, MDR

-40°C Biomedical Freezer (Upright)

07/08

Suitable for the storage of plasma, biological material, reagents and other essential items. Used within hospitals, disease prevention, academia and commercial laboratories.



DW-40L298J

Scope of Application

HC Energy-saving

High efficiency hydrocarbon compressor and refrigeration technology for a lower energy consumption

Superior Uniformity

With the optimized system design, the temperature uniformity of the characteristic point is $\pm 3^{\circ}\text{C}$, and the uniformity of the whole temperature zone is controlled within $\pm 5^{\circ}\text{C}$

Environmental Protection

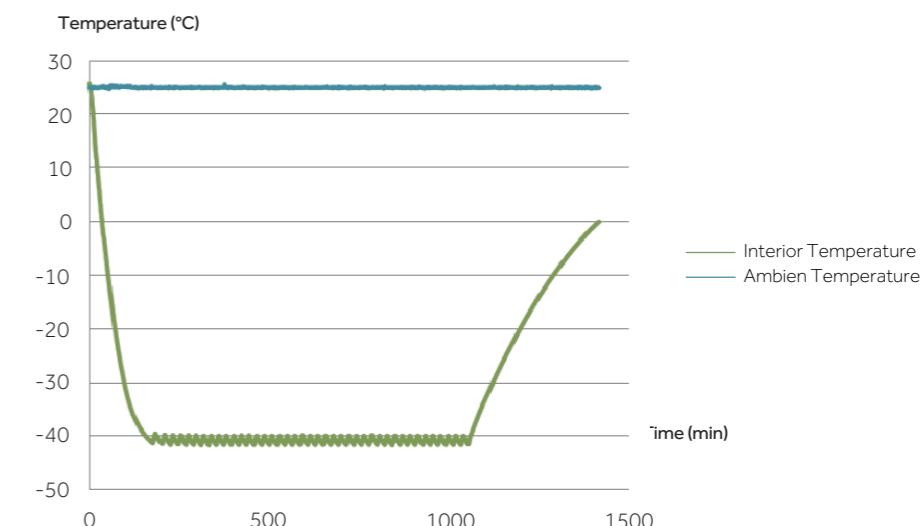
Hydrocarbon refrigerant, LBA foam polyurethane insulation layer

Adjustable Shelves

Built-in evaporator and adjustable shelves provides large available interior space. Users can store items of different sizes as needed

Temperature Curve

DW-40L298J Typical Performance Characteristics at 25°C Ambient



-40°C Biomedical Freezer (Upright)

09/10



Specifications

	Model	DW-40L92	DW-40L262	DW-40L298J	DW-40L298JA	DW-40L568J
Technical Data	Cabinet Type	Upright	Upright	Upright	Upright	Upright
	Climate Class	S N N	S N N	S N N	S N N	S N N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual	Manual	Manual
	Refrigerant	HC	HC	HC	HC	HC
Performance	Sound Level (dB(A))	29	41	44	40	42
	Cooling Performance (°C)	-40	-40	-40	-40	-40
	Temperature Range (°C)	-20~-40	-20~-40	-20~-40	-20~-40	-20~-40
Control	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	LCD	LCD	LED	LED	LCD
Electrical Data	Power Supply (V/Hz)	220-240/50/60	220-240/50/60	115/60	220-240/50	208-230/60
	Power (W)	340	310	600	350	270
Dimensions	Capacity (L/Cu.Ft)	92/3.3	262/9.3	298/10.5	568/20.1	568/20.1
	Net/Gross Weight (approx)	kg 46/51	88/93	119/147	190/215	190/215
		lbs 101.4/112.4	194.0/205.0	262.3/324.1	418.9/474	418.9/474
	Interior Dimension (WxDxH)	mm 435*410*635	480*465*1430	541*443*1218	610*755*1260	610*755*1260
		in 17.1*16.1*25.0	18.9*18.3*56.3	21.3*17.4*48.0	24*29.7*49.6	24*29.7*49.6
	Exterior Dimension (WxDxH)	mm 640*610*810	700*705*1665	770*710*1828	848*951*1780	848*951*1780
		in 25.2*24.0*31.9	27.6*27.8*65.6	30.3*28.0*72.0	33.4*37.4*70.1	33.4*37.4*70.1
	Packing Dimension (WxDxH)	mm 660*700*910	775*760*1880	840*770*2000	910*1040*1930	910*1040*1930
		in 26.0*27.6*35.8	30.5*29.9*74.0	33.0*30.3*78.7	35.8*40.9*76.0	35.8*40.9*76.0
	Container Load (20'/40'/40'H)	48/108/108	21/45/45	21/42/42	10/22/22	10/22/22
Alarms	High/Low Temperature	Y	Y	Y	Y	Y
	Remote Alarm	Y	Y	Y	Y	Y
	Power Failure	Y	Y	Y	Y	Y
	Sensor Error	Y	Y	Y	Y	Y
	Low Battery	N	N	Y	Y	N
	High Ambient Temperature	Y	Y	Y	Y	Y
	Dirty Condenser	N	N	N	N	N
	Door Ajar	Y	Y	Y	Y	Y
	Casters	Y(4)	Y(4)	Y(4)	Y(4)	Y(4)
Accessories	Leveling Feet	Y(2)	Y(2)	Y(2)	Y(2)	Y(2)
	Porthole	Y, 1*Left Side, (25mm)Diameter	Y, 1*Left Side, (25mm)Diameter	Y, 1*Left Side, 1*Right Side, (25mm)Diameter	Y, 2*Rear, (25mm)Diameter	Y, 2*Rear, (25mm)Diameter
	Inner Doors	N	N	2	2	2
	Drawers	3- Plastic Drawers	7- Plastic Drawers	6- Plastic Drawers, Optional	16/20/24-Plastic Blood Bag Drawers, Optional	16/20/24-Plastic Blood Bag Drawers, Optional
	Shelves	N	N	3- Adjustable Wire Shelves	3- Adjustable Wire Shelves	3- Adjustable Wire Shelves
	Shelf Dimensions (WxD)(mm)	N	N	518*373	569*665	569*665
	Max. Load per Shelf (kg)	N	N	20	38	38
	USB Interface	Optional	Optional	Optional	Optional	Optional
	RS485	Optional	Optional	Optional	Optional	Optional
	NFC	N	N	N	N	N
Others	Temperature Recorder	N	N	Optional	Optional	Optional
	Certificate	CE, MDR	CE, MDR	CE, MDR	CE, MDR	CE, MDR

-40°C Biomedical Freezer (Double Doors Type)

Suitable for the storage of plasma, biological material, reagents and other essential items. Used within hospitals, disease prevention, academia and commercial laboratories.



DW-40L418D/528D

Scope of Application:



HC Energy-saving

High efficiency hydrocarbon compressor and refrigeration technology for a lower energy consumption



Superior Uniformity

With the optimized system design, the temperature uniformity of the characteristic point is $\pm 3^{\circ}\text{C}$, and the uniformity of the whole temperature zone is controlled within $\pm 5^{\circ}\text{C}$



Environmental Protection

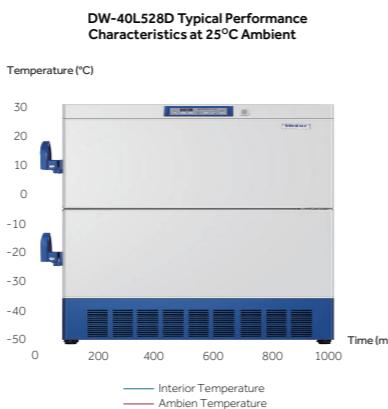
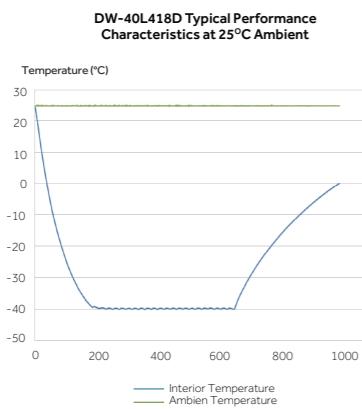
Hydrocarbon refrigerant, LBA foam polyurethane insulation layer



Adjustable Shelves

Built-in evaporator and adjustable shelves provides large available interior space. Users can store items of different sizes as needed

Temperature Curve



Specifications



	Model	DW-40L418D	DW-40L528D	DW-40L528DA
Technical Data	Cabinet Type	Upright (Double Door)	Upright (Double Door)	Upright (Double Door)
	Climate Class	S N N	S N N	S N N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual
	Refrigerant	HC	HC	HC
	Sound Level (dB(A))	40	39	42
Performance	Cooling Performance (°C)	-40	-40	-40
	Temperature Range (°C)	-20~40	-20~40	-20~40
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LED	LED	LED
Electrical Data	Power Supply (V/Hz)	220~240/50	220~240/50	208~230/60
	Power (W)	370	375	280
Dimensions	Capacity (L/Cu.Ft)	418/14.8	531/18.8	531/18.8
	Net/Gross Weight (approx)	kg 141/169	kg 147/178	kg 324.1/392.4
		lbs 310.8/372.6		
	Interior Dimension (W×D×H)	mm 554*620*1230	mm 704*620*1230	mm 704*620*1230
		in 21.8*24.4*48.4		
	Exterior Dimension (W×D×H)	mm 790*845*1878	mm 940*845*1878	mm 940*845*1878
Alarms		in 31.1*33.3*73.9	in 37.0*33.3*73.9	in 37.0*33.3*73.9
	Packing Dimension (W×D×H)	mm 860*930*2040	mm 1005*940*2040	mm 1005*940*2040
		in 33.9*36.6*80.3		
	Container Load (20'/40'/40'H)	12/24/26	10/22/24	10/22/24
	High/Low Temperature	Y	Y	Y
	Remote Alarm	Y	Y	Y
Accessories	Power Failure	Y	Y	Y
	Sensor Error	Y	Y	Y
	Low Battery	Y	Y	Y
	High Ambient Temperature	Y	Y	Y
	Dirty Condenser	N	N	N
	Door Ajar	Y	Y	Y
	Casters	Y(4)	Y(4)	Y(4)
	Leveling Feet	Y(2)	Y(2)	Y(2)
	Porthole	Y, 1*Left Side, 1*Right Side, (25mm)Diameter	Y, 1*Left Side, 1*Right Side, (25mm)Diameter	Y, 1*Left Side, 1*Right Side, (25mm)Diameter
	Inner Doors	N	N	N
Others	Drawers	12- Plastic Drawers, Optional	10- Plastic Drawers, Optional	10- Plastic Drawers, Optional
	Shelves	3- Adjustable Wire Shelves	3- Adjustable Wire Shelves	3- Adjustable Wire Shelves
	Shelf Dimensions (W×D)(mm)	530*528	680*537	680*537
	Max. Load per Shelf (kg)	28	37	37
	USB Interface	Optional	Optional	Optional
	RS485	Optional	Optional	Optional
	NFC	N	N	N
	Temperature Recorder	Optional	Optional	Optional
	Certificate	CE, MDR	CE, MDR	CE, MDR

-40°C Smart Frequency Conversion Biomedical Freezer



DW-40L818BPT

Product Features

- High-efficiency and energy-saving compressor and system**
Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption
- Green and environmentally friendly**
Hydrocarbon refrigerant, energy saving and environmental protection, built with Urethane foam insulation complies with European ROHS regulation
- Superior temperature uniformity in a large storage space**
Built-in evaporator design, and the shelf height can be adjusted according to the size of the stored articles, so as to realize the efficient use of large space in the cabinet.
The temperature uniformity is $\pm 3^\circ\text{C}$ with the setting temperature of -40°C .
- Low sound level**
Noise level less than 45dB(A), providing a more comfortable environment

Ergonomic Design



Microprocessor-controlled system

Microprocessor control, with temperature display precision at 0.1°C . Internal temperature is adjustable from -20°C to -40°C .



Multiple alarm functions

Including high/ low temperature, sensor error, power failure, low battery, high ambient, and door ajar alarms. Alarm mode is sound and flash. And the remote alarm interface is available



Configuration

Standard: RS485 interface
Optional: Temperature recorder, USB interface, 10-inch touch screen, Stainless steel shelves, Plastic blood bag drawers



Safe and secure

Equipped with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety

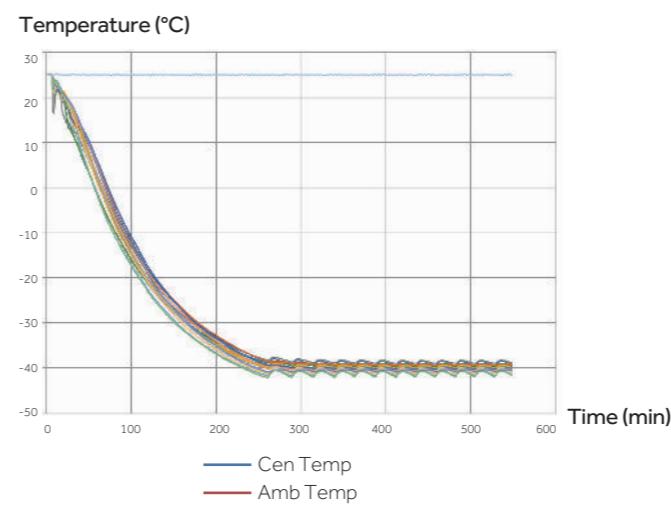


Porthole

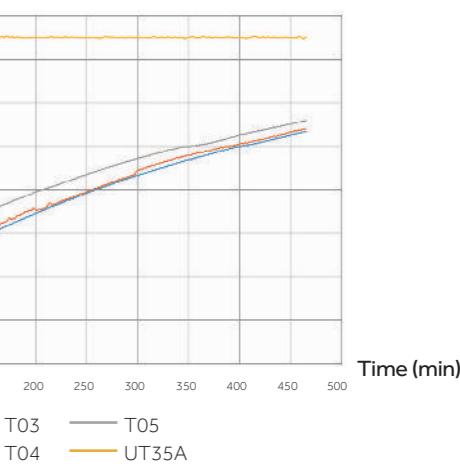
Two portholes as standard, allows for independent testing of cabinet temperature

Temperature Curve

DW-40L818BP



Temperature (°C)



-40°C Smart Frequency Conversion Biomedical Freezer

Application Range

Used in the blood banks, hospitals, disease control centers, research institutes, electronic, chemical and other industries, cryopreservation of plasma, biologics and other products, and cold tests for components and materials.

Product Features



High-efficiency and Energy-saving Compressor and System

Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption.



Green and Environmental Friendly

Hydrocarbon refrigerant, energy saving and environmental protection, built with urethane foam insulation complies with European ROHS regulation.



Low Sound Level

Noise level less than 42dB(A), providing a more comfortable environment.



Superior Temperature Uniformity

The temperature uniformity is $\pm 3^{\circ}\text{C}$ with the setting temperature of -40°C.



Intelligent Control

10-inch high-performance touch screen, sensitive touch operation. Users can check the real-time operating status.

Ergonomic Design



Microprocessor-controlled System

Microprocessor control, with temperature display precision at 0.1°C. Internal temperature is adjustable from -20°C to -40°C.



Multiple Alarm Functions

Including high/ low temperature, sensor error, power failure, low battery, high ambient, and door ajar alarms. Alarm mode is sound and flash. And the remote alarm interface is available.



Super-large Capacity

Large capacity (700 2-inch box) to accommodate the multiple storage needs.



Configuration

Standard: 10-inch touch screen, RS485 interface, 2 coated steel wired shelves. Optional: Temperature recorder, Printer, USB interface, NCF, IoT module, Stainless steel shelves, Plastic blood bag drawers.



Safe and Secure

Equipped with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety.

-40°C Biomedical Freezer

Product Parts



Document holding compartment for storing size A4 paper and pens

10-inch touchscreen

NFC clocking-in function (optional)

Optional USB port allows users to download temperature data saved up to 10 years for compliance and auditing purposes

Casters and leveling legs for ease of maneuvering and positioning

DW-40L959BPT



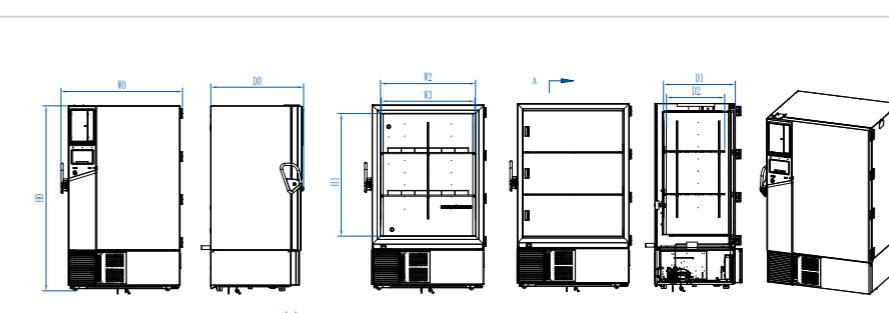
Shelf height can be adjusted according to the size of the stored articles, so as to realize the efficient use of large space in the cabinet (SUS304 stainless shelves as optional)

Pressure equalization port for easy door opening

Ergonomic handle design: easy access to storage space, built in lock and padlock features

Two standard portholes allow ease of temperature testing

Product Dimension Drawings



Remark
 W0=Total Width
 W1=Freezer Width
 W2=Inner Cabinet Width
 W3=Inner Cabinet Shelf Width
 D0=Total Depth
 D1=Inner Cabinet Depth
 D2=Inner Cabinet Shelf Depth
 H0=Total Height
 H1=Inner Cabinet Height

Model	Code	W0	W1	W2	W3	D0	D1	D2	H0	H1
DW-40L959BPT		1296mm	1196mm	1016mm	1008mm	998mm	716mm	641mm	1980mm	1310mm

-40°C Biomedical Freezer**Specifications**

Model	DW-40L818BPT	DW-40L818BP	DW-40L959BPT	DW-40L959BP
Technical Data	Cabinet Type	Upright	Upright	Upright
	Climate Class	S N N	S N N	S N N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual
	Refrigerant	HC	HC	HC
	Sound Level (dB(A))	44	44	42
Performance	Cooling Performance (°C)	-40	-40	-40
	Temperature Range (°C)	-20~-40	-20~-40	-20~-40
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	Touch Screen LCD	LED	Touch Screen LCD
Electrical Data	Power Supply (V/Hz)	100~230/50/60	100~230/50/60	100~230/50/60
	Power (W)	795	795	800
Dimensions	Capacity (L/Cu.Ft)	818/28.9	818/28.9	959/33.9
	Net/Gross Weight (approx)	kg 210/240	kg 210/240	kg 350/400
		lbs 463.0/529.1	lbs 463.0/529.1	lbs 771.6/881.8
	Interior Dimension (W×D×H)	mm 750*755*1460	mm 750*755*1460	mm 1016*716*1310
		in 29.5/29.7/57.5	in 29.5/29.7/57.5	in 40.0*28.2*51.6
	Exterior Dimension (W×D×H)	mm 988*951*1980	mm 988*951*1980	mm 1296*998*1980
		in 38.9/37.4/78.0	in 38.9/37.4/78.0	in 51.0*39.3*78.0
	Packing Dimension (W×D×H)	mm 1040*1035*2110	mm 1040*1035*2110	mm 1358*1098*2127
		in 40.9*40.7*83.1	in 40.9*40.7*83.1	in 53.5*43.2*83.7
	Container Load (20'/40'/40'H)	10/22/22	10/22/22	8/16/16
Alarms	High/Low Temperature	Y	Y	Y
	Remote Alarm	Y	Y	Y
	Power Failure	Y	Y	Y
	Sensor Error	Y	Y	Y
	Low Battery	Y	Y	Y
	High Ambient Temperature	Y	Y	Y
	Dirty Condenser	N	N	N
	Door Ajar	Y	Y	Y
Accessories	Casters	Y(4)	Y(4)	Y(4)
	Leveling Feet	Y(2)	Y(2)	Y(2)
	Porthole	Y, 2*Rear, (25mm)Diameter	Y, 2*Rear, (25mm)Diameter	Y, 2*Rear, (25mm)Diameter
	Inner Doors	3	3	3
	Drawers	30- Plastic Blood Bag Drawers, Optional	30- Plastic Blood Bag Drawers, Optional	21/42-Plastic Blood Bag Drawers, Optional
	Shelves	5- Adjustable Wire Shelves	5- Adjustable Wire Shelves	2- Adjustable Wire Shelves
	Shelf Dimensions (W×D)(mm)	706*665	706*665	1000*641
	Max. Load per Shelf (kg)	50	50	65
	USB Interface	Optional	Optional	Optional
	RS485	Y	Y	Y
	NFC	Optional	Optional	Optional
	Temperature Recorder	Optional	Optional	Optional
Others	Certificate	CE, MDR	CE, MDR	CE, UL, MDR

-30°C Biomedical Freezer (Forced Air Cooling)

Typical Installation and Application

Large capacity, double door biomedical freezer, designed and manufactured for the low temperature storage of plasma, biological products and other items.



DW-30L1280F

Product Parts

Microcomputer control, LED digital temperature display with inside temperature accuracy of 0.1°C

Optional: LCD Touchscreen



Supersized double outer door, 70mm insulation layer

Safe lock

Electronic mortise lock design, with NFC clocking-in function (fingerprint optional)

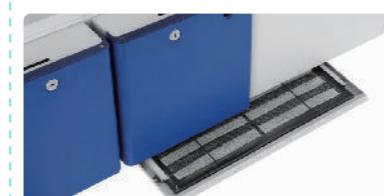


Low noise

Casters and feet

4 omnidirectional casters+2 level legs. easy to move, lock and level

Bottom strainer drawable design
Easy to clean



Optimized system
Ensures fast cool down, reaches -30°C within 3 hours

Standard USB port
Capable of storing more than 15 years of data

-30°C Biomedical Freezer (Forced Air Cooling)

Key Features



Intelligent Defrosting: Prolongs the Defrosting Cycle, Safeguarding the Stability of the Storage Temperature

Compared with traditional timed defrosting, the intelligent defrosting technology reduces the defrosting frequency by half, effectively draws down the temperature fluctuation caused by defrosting during the sample storage cycle by intelligently identifying the amount of frost on the evaporator.



Advanced Defrosting Technology Optimised Safety

The automatic hot gas defrosting technology eliminates the risk of electrical leakage which can occur with heated wire defrosting techniques.



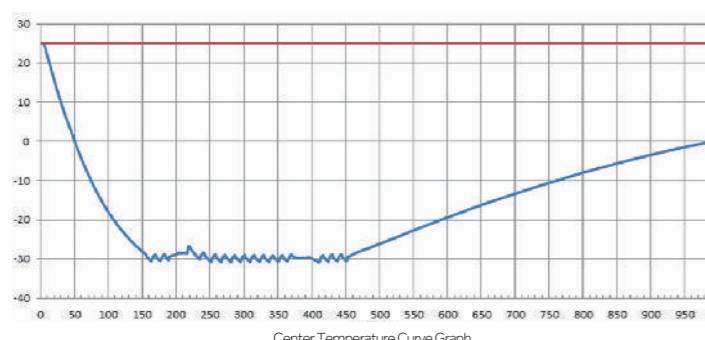
Dual Independent Refrigeration Systems: Superior Safety

If one system fails, the other one would reach -25°C quickly, which doubles the safety of the sample; With air cooling technology, the inside uniformity can reach $\pm 3^\circ\text{C}$ ($\pm 5^\circ\text{C}$ during the defrosting period).

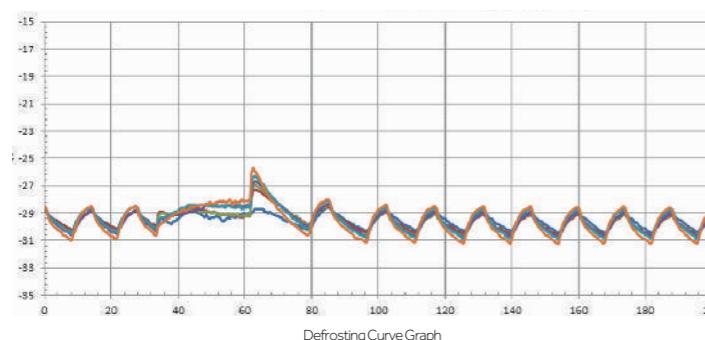


Green Hydrocarbon Refrigeration

The DW-30L1280F utilises HC refrigeration technology which is energy-efficient and has a zero impact on the ozone layer. The energy consumption of this model is 8kW/24H.



center of the four-storey inside cabinet
ambient temperature



1th storey center
2th storey center
3th storey center
4th storey center
5th storey center
6th storey center

Application Range

Applied for the storage of critical and temperature sensitive biological samples, laboratory products and medical products. Suitable for blood banks, hospitals, disease control centers, research laboratories.



DW-30L520F

Product Features



Forced Air and Auto Defrost Design

-30°C storage temperature with automatic defrost cycles guided by time and temperature, ensure maximum temperature stability and minimize energy consumption



Superior Temperature Uniformity

The temperature uniformity is $\pm 3^\circ\text{C}$ with the setting temperature of -30°C



High-efficiency and Energy-saving Compressor and System

High-efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption



Green and Environmentally Friendly

Hydrocarbon refrigerant, energy saving and environmental protection, built with LBA foam insulation, the GWP is close to 0



Microprocessor-controlled System

Microprocessor control, with temperature display precision at 0.1°C . Internal temperature is adjustable from -10°C to -30°C



Safe and Secure

Designed with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety



Low Noise Design

Noise-reduction features and structure noise reduction design



Configuration

- Standard: 4 layer adjustable shelves
- Optional: 10-inch touch screen, USB interface, NFC, chart recorder, stainless steel shelf, blood basket



Multiple Alarm Functions

Including high/low temperature alarm, sensor error alarm, power failure alarm, low battery alarm, door ajar alarm, high ambient temperature alarm, condenser dirty alarm. Alarm mode is sound and flash

-30°C Biomedical Freezer (Forced Air Cooling)

Exceptional cooling Air-forced cooling combined with automatic defrost technology for high-performance cooling
Access port Designed with two standard access ports on the left and right sides of the freezer, convenient for users to conduct independent testing
Exceptional cooling 4 adjustable shelves, (optional: stainless steel shelf, plastic blood bag drawers)
Safe and secure Designed with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety
Microprocessor temperature control, LED display panel (optional: 10-inch touch screen) LED displays cabinet temperature with 0.1°C resolution, ambient temperature, and input voltage
Optional: LCD Touchscreen 
Feet and casters 4 back-and-forth casters and w adjustable feet for easy moving and leveling



Specifications

	Model	DW-30L520F	DW-30L1280F
Technical Data	Cabinet Type	Upright	Upright (Double Door)
	Climate Class	SN N	N
	Cooling Type	Forced Air Cooling	Forced Air Cooling
	Defrost Mode	Automatic Defrost	Automatic Defrost
	Refrigerant	HC	HC
	Sound Level (dB(A))	44	45
Performance	Cooling Performance (°C)	-30	-30
	Temperature Range (°C)	-10~ -30	-10~ -30
	Controller	Microprocessor	Microprocessor
Control	Display	LED	LED
	Power Supply (V/Hz)	220~240/50	208~230/60
	Power (W)	650	495
Dimensions	Capacity (L/Cu.Ft)	520/18.4	1280/45.2
	Net/Gross Weight (approx)	kg 210/252	420/480
		lbs 463.0/555.6	925/1057
	Interior Dimension (W×D×H)	mm 610*755*1006	1320*752*1260
		in 24.97/39.6	52.96/49.6
	Exterior Dimension (W×D×H)	mm 848*1011*1780	1520*1065*1996
		in 33.4/39.8/70.1	59.8/41.9/78.6
	Packing Dimension (W×D×H)	mm 900*1060*1920	1580*1100*2100
		in 35.4/41.7/75.6	62.2/43.3/82.7
	Container Load (20'/40'/40'H)	10/22/22	6/14/14
Alarms	High/Low Temperature	Y	Y
	Remote Alarm	Y	Y
	Power Failure	Y	Y
	Sensor Error	Y	Y
	Low Battery	Y	Y
	High Ambient Temperature	Y	Y
	Dirty Condenser	Y	Y
	Door Ajar	Y	Y
	Casters	Y(4)	Y(4)
	Leveling Feet	Y(2)	Y(2)
Accessories	Porthole	Y, 1*Left Side, 1*Right Side, (25mm)Diameter	Y, 1*Left Side, 1*Right Side, (25mm)Diameter
	Inner Doors	N	N
	Drawers	16/20-Plastic Blood Bag Drawers, Optional	48- Plastic Blood Bag Drawers, Optional
	Shelves	4- Adjustable Wire Shelves	12- Adjustable Stainless Steel Shelves
	Shelf Dimensions (W×D)(mm)	580*670	569*673
	Max. Load per Shelf (kg)	39	40
	USB Interface	Optional	Y
	RS485	Y	Y
	NFC	Optional	Y
	Temperature Recorder	Optional	N
Others	Certificate	CE, MDR	/
			CE, MDR



-30°C Smart Frequency Conversion Biomedical Freezer

Typical Installation and Application

Suitable for sample storage within blood banks, hospitals, disease control centres, research institutes, electronic, chemical and other industries, cryopreservation of plasma, biologics and other products, also suitable for cold tests for components and materials.



DW-30L818BPT

Key Features



Energy-efficient Variable Frequency Inverter Technology

Optimized refrigeration system with a high-efficiency inverter compressor to reduce energy consumption.



Large Capacity Storage with Excellent Temperature Uniformity

The unit offers a large storage space with adjustable shelves, the built-evaporator ensures quick temperature pull down times and excellent temperature uniformity of $\pm 3^\circ\text{C}$.



Low Noise

Sound reduction design lowers the sound level to 37dB(A) at 220V/50Hz.



Environment Friendly

- 1) HC refrigeration system contains zero chlorine and fluorine, which is better for the environment.
- 2) Urethane foam insulation complies with European ROHS regulation.

Product Advantages

Ergonomic Design: document holding compartment for storing size A4 paper and pens.

Microprocessor temperature control: LED displays cabinet temperature with 0.1°C resolution, ambient temperature, and input voltage.

Ergonomic handle design: easy access to storage space, built in lock and padlock features.

Casters and leveling legs for ease of maneuvering and positioning.



Power coating galvanized interior with large round corner design, corrosion resistance and easy to clean.

Optional USB port allows users to download temperature data saved up to 10 years for compliance and auditing purposes.



Double door seals for better insulation performance.

Pressure equalization port for easy door opening.

Inner door design reduces loss of cold air to improve energy efficiency and stable temperature.

Optional stainless steel shelves or coated steel are adjustable.



Plastic blood bag drawer (optional): 25 blood bags (450ml/bag) can be loaded for one drawer, totally 750 blood bags for 30 drawers. (Note: The dimension of one blood bag is 125*26*190mm).

DW-30L818BPT

-30°C Smart Frequency Conversion Biomedical Freezer

-30°C Biomedical Freezer (Direct Cooling)

Microprocessor Control System

- Microprocessor-based temperature control.
- Large LED displays cabinet temperature with 0.1 °C resolution with adjustable temperature setting from -10 °C to -30 °C.
- Cabinet temperature, ambient temperature and voltage are shown on the panel.
- Alarm conditions include high and low temperature, sensor error, power failure, low battery, door ajar and high ambient.
- Alarm modes are audible and flashing lights. Remote alarm terminals are available.
- Battery supports display and alarm system for forty-eight hours after power outage.
- Optional features are IoT module, USB port, temperature recorder and NFC swipe card functions.

Insulation

- 70 mm thick insulation.
- Inner doors for better thermal efficiency.

Porthole

Two standard portholes allow ease of temperature testing.

Security Lock

Lock is standard. Magnetic lock is optional for added protection and security

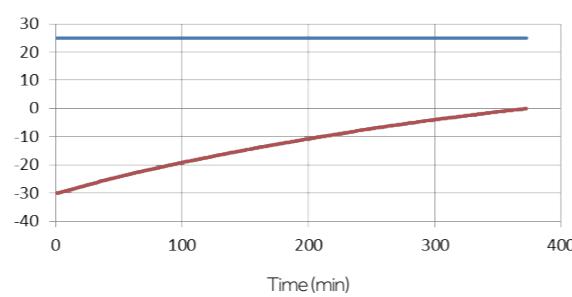
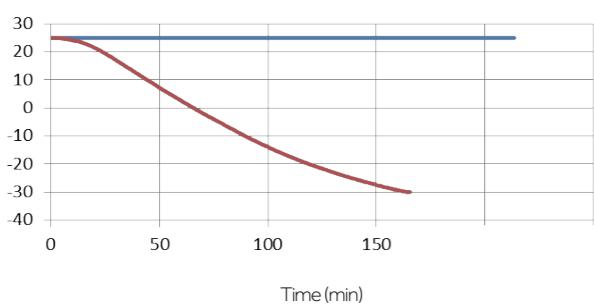
Temperature Recorder

Optional temperature recorder for temperature recording and compliance.



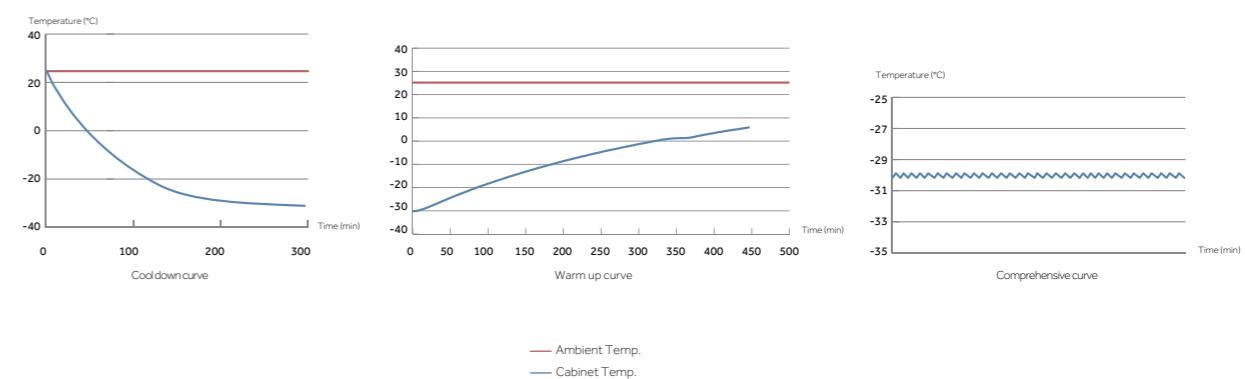
Typical Performance Characteristics at 25°C ambient

Ambient Temp.
Center Temp.



DW-30L818

Typical Performance Characteristics at 25°C ambient



-30°C Biomedical Freezer (Direct Cooling)

Product Advantages

Ergonomic Handle Design: easy access to storage space, built in lock and padlock features.

Easy to clean and Corrosion Resistant

Electric zinc plate powder sprayed internal liner and large round corner design and coated steel plate exterior design ensure reliable corrosion prevention which is easy to clean.



Specifications



	Model	DW-30L818	DW-30L818BPT	DW-30L818BP
Technical Data	Cabinet Type	Upright	Upright	Upright
	Climate Class	SN N	SN N	SN N
	Cooling Type	Direct Cooling	Direct Cooling	Direct Cooling
	Defrost Mode	Manual	Manual	Manual
	Refrigerant	HC	HC	HC
	Sound Level (dB(A))	44	37	37
Performance	Cooling Performance (°C)	-30	-30	-30
	Temperature Range (°C)	-10~-30	-10~-30	-10~-30
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LCD	LCD	LED
Electrical Data	Power Supply (V/Hz)	220-240/50	100-230/50/60	100-230/50/60
	Power (W)	380	680	680
Dimensions	Capacity (L/Cu.Ft)	818/28.9	818/28.9	818/28.9
	Net/Gross Weight (approx)	kg 225/260 lbs 496.0/573.2	kg 251/287 lbs 553.4/632.7	kg 251/287 lbs 553.4/632.7
	Interior Dimension (WxDxH)	mm 750*755*1460 in 29.5/29.7/57.5	mm 750*755*1460 in 29.5/29.7/57.5	mm 750*755*1460 in 29.5/29.7/57.5
	Exterior Dimension (WxDxH)	mm 988*951*1980 in 38.9/37.4/78.0	mm 988*951*1980 in 38.9/37.4/78.0	mm 988*951*1980 in 38.9/37.4/78.0
	Packing Dimension (WxDxH)	mm 1040*1035*2110 in 40.9*40.7*83.1	mm 1040*1035*2110 in 40.9*40.7*83.1	mm 1040*1035*2110 in 40.9*40.7*83.1
	Container Load (20'/40'/40'H)	10/22/22	10/22/22	10/22/22
Alarms	High/Low Temperature	Y	Y	Y
	Remote Alarm	Y	Y	Y
	Power Failure	Y	Y	Y
	Sensor Error	Y	Y	Y
	Low Battery	N	Y	Y
	High Ambient Temperature	Y	Y	Y
	Dirty Condenser	N	N	N
	Door Ajar	Y	Y	Y
	Casters	Y(4)	Y(4)	Y(4)
Accessories	Leveling Feet	Y(2)	Y(2)	Y(2)
	Porthole	Y, 2*Rear, (25mm)Diameter	Y, 2*Rear, (25mm)Diameter	Y, 2*Rear, (25mm)Diameter
	Inner Doors	3	3	3
	Drawers	30- Plastic Blood Bag Drawers, Optional	30- Plastic Blood Bag Drawers, Optional	30- Plastic Blood Bag Drawers, Optional
	Shelves	5- Adjustable Wire Shelves	5- Adjustable Wire Shelves	5- Adjustable Wire Shelves
	Shelf Dimensions (WxD)(mm)	706*665	706*665	706*665
	Max. Load per Shelf (kg)	47	50	50
	USB Interface	Optional	Optional	Optional
	RS485	Optional	Y	Y
	NFC	N	Optional	Optional
Others	Temperature Recorder	Optional	Optional	Optional
	Certificate	CE, MDR	CE, UL, ENERGY STAR, MDR	CE, UL, ENERGY STAR, MDR

BP suffix - Variable frequency inverter compressor

-30°C Biomedical Freezer (Direct Cooling)

Typical Installation and Application

Suitable for blood banks, hospitals, disease control centers, research institutes, electronic, chemical and other industries. Used for the cryopreservation of plasma, biologics and other products, and cold tests for components and materials.



Key Features



Adjustable storage shelf height

Built-in evaporator design, and the shelf height can be adjusted according to the size of the stored articles, so as to ensure the efficiency and use of the large space in the cabinet



Multiple alarm functions

High/Low temperature/door ajar/power failure/sensor error/high ambient temperature alarm and also equipped with remote alarm interface, alarm mode is sound and flash



High-efficiency and energy-saving compressor and system

High-efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption



Green and environmental friendly

Hydrocarbon refrigerant, energy saving and environmental protection, built with LBA foam insulation, complies with European RoHS Directive



Superior temperature uniformity

DW-30L298J

Ergonomic Design



Multiple alarms

Alarm functions include high, low temperature, sensor error, power failure, high ambient, and door ajar
Alarm mode is sound and flash



Configuration

Standard: 3 coated steel wired shelves, remote alarm interface
Optional: stainless steel partition board, drawer, temperature recorder, RS485 or USB (one out of two)



Low noise design

Noise-reduction features and structure noise reduction design



Microprocessor-controlled system

Microprocessor control, with temperature display precision at 0.1°C. Internal temperature is adjustable from -10°C to -30°C



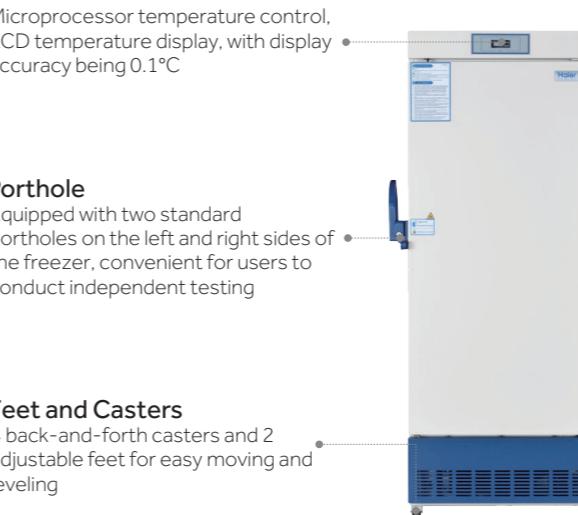
Access ports

Two access ports as standard, allows for independent testing of cabinet temperature



Safe and secure

Equipped with key lock, padlock providing multiple safeguards for sample safety



Adjustable Shelves
The adjustable shelves ensure the
maximum usage efficiency of the
internal space, and users can store
items of different sizes as needed

Improved Handle Design
Lockable handle with unique key
prevents other Haier freezer
owner's access to your precious
samples, also comes with space
for a padlock for that extra security

-30°C Biomedical Freezer (Direct Cooling)



Specifications

	Model		DW-30L298J
Technical Data	Cabinet Type	Upright	
	Climate Class	SNN	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	
Performance	Sound Level (dB(A))	41	
	Cooling Performance (°C)	-30	
	Temperature Range (°C)	-10~ -30	
Control	Controller	Microprocessor	
	Display	LCD	
	Power Supply (V/Hz)	220~240/50	
Electrical Data	Power (W)	330	
	Capacity (L/Cu.Ft)	298/10.5	
Dimensions	Net/Gross Weight (approx)	kg	125/140
		lbs	275.6/308.6
	Interior Dimension (W×D×H)	mm	541*443*1218
		in	21.3*17.4*48.0
	Exterior Dimension (W×D×H)	mm	770*710*1828
		in	30.3*28.0*72.0
Alarms	Packing Dimension (W×D×H)	mm	840*770*2000
		in	33.1*30.3*78.7
	Container Load (20'/40'/40'H)		21/42/42
	High/Low Temperature		Y
	Remote Alarm		Y
Accessories	Power Failure		Y
	Sensor Error		Y
	Low Battery		N
	High Ambient Temperature		Y
	Dirty Condenser		N
	Door Ajar		Y
	Casters		Y(4)
	Leveling Feet		Y(2)
Others	Porthole		Y, 1*Left Side, 1*Right Side, (25mm)Diameter
	Inner Doors		N
	Drawers		6- Plastic Drawers, Optional
	Shelves		3- Adjustable Wire Shelves
	Shelf Dimensions (W×D)(mm)		518*373
	Max. Load per Shelf (kg)		20
	USB Interface		Optional
	RS485		Optional
	NFC		N
	Temperature Recorder		Optional
	Certificate		CE, MDR

Typical Installation and Application

Suitable for blood banks, hospitals, disease control centers, research institutes, electronic, chemical and other industries. Used for the cryopreservation of plasma, biologics and other products



Key Features



High-efficiency and energy-saving compressor and system

High-efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption



Adjustable storage shelf height

Built-in evaporator design, and the shelf height can be adjusted according to the size of the stored articles, so as to realize the efficient use of large space in the cabinet



Green and environmental friendly

Hydrocarbon refrigerant, energy saving and environmental protection, built with LBA foam insulation, complies with European RoHS Directive



Multiple alarm functions

High/Low temperature/door ajar/power failure/sensor error/high ambient temperature alarm and also equipped with remote alarm interface, alarm mode is sound and flash



Superior temperature uniformity

The temperature uniformity is $\pm 3^{\circ}\text{C}$ with the setting temperature of -30°C

DW-30L528D

-30°C Biomedical Freezer (Direct Cooling)

Ergonomic Design



Microprocessor-controlled system

Microprocessor control, with temperature display precision at 0.1°C. Internal temperature is adjustable from -10°C to -30°C. Alarm functions include high, low temperature, sensor error, power failure, high ambient, and door ajar. Alarm mode is sound and flash



Low noise design

Noise-reduction features and structure noise reduction design



Safe and secure

Equipped with key lock, padlock providing multiple safeguards for sample safety



Porthole

Two portholes as standard, allows for independent testing of cabinet temperature



DW-30L528D

Double lock design, multi-user, Adjustable storage shelf height independent management, latch-lock high security

- Microprocessor temperature control, LCD temperature display, with display accuracy being 0.1°C

- Adjustable storage shelf height

- Improved Handle Design Lockable handle with unique key prevents other Haier freezer owner's access to your precious amples, also comes with space for a padlock for that extra security

Standard casters and leveling legs for easy of maneuvering and leveling

Specifications



Model		DW-30L528D
Technical Data	Cabinet Type	Upright (Double Door)
	Climate Class	SN N
	Cooling Type	Direct Cooling
	Defrost Mode	Manual
	Refrigerant	HC
	Sound Level (dB(A))	39 43
Performance	Cooling Performance (°C)	-30
	Temperature Range (°C)	-10~30
	Controller	Microprocessor
Control	Display	LCD
	Power Supply (V/Hz)	220~240/50 115/60
Electrical Data	Power (W)	460 420
	Capacity (L/Cu.Ft)	531/18.8
Dimensions	Net/Gross Weight (approx)	kg 180/205
		lbs 396.8/451.9
	Interior Dimension (W×D×H)	mm 704*620*1230
		in 27.7*24.4*48.4
	Exterior Dimension (W×D×H)	mm 940*845*1878
Alarms		in 37.0*33.3*73.9
	Packing Dimension (W×D×H)	mm 1005*940*2040
		in 39.6*37.0*80.3
	Container Load (20'/40'/40'H)	10/22/24
	High/Low Temperature	Y
Accessories	Remote Alarm	Y
	Power Failure	Y
	Sensor Error	Y
	Low Battery	N
	High Ambient Temperature	Y
	Dirty Condenser	N
	Door Ajar	Y
	Casters	Y(4)
	Leveling Feet	Y(2)
Others	Porthole	Y, 1*Left Side, 1*Right Side, (25mm)Diameter
	Inner Doors	N
	Drawers	10- Plastic Drawers, Optional
	Shelves	3- Adjustable Wire Shelves
	Shelf Dimensions (W×D)(mm)	680*537
	Max. Load per Shelf (kg)	37
	USB Interface	Optional
	RS485	Optional
	NFC	N
	Temperature Recorder	Optional
Others	Certificate	CE, MDR
		UL

-30°C Biomedical Freezer

Application Range

Used in the blood banks, hospitals, disease control centers, research institutes, electronic, chemical and other industries, cryopreservation of plasma, biologics and other products, and cold tests for components and materials.

Product Advantages



Superior Temperature Uniformity

The temperature uniformity is $\pm 3^\circ \text{C}$ with the setting temperature of -30°C



Green and Environmental Friendly

Hydrocarbon refrigerant, energy saving and environmental protection, built with LBA foam insulation, complies with European RoHS requirements



Microprocessor Controller

Microprocessor control, with temperature display precision at 0.1°C . Internal temperature is adjustable from -10°C to -30°C with 1°C control accuracy



High-efficiency and Energy-saving Compressor and System

High-efficiency hydrocarbon compressor, optimized refrigeration system and low power consumption



Multiple Alarm Functions

High/Low temperature/door ajar/power failure/sensor error/high ambient temperature alarm and also equipped with remote alarm interface, alarm mode is sound and flash



Compact Footprint

Combine a small footprint with large storage capacity to provide flexible, reliable and convenient sample storage



DW-30L698

Drgonomic Design



New Generation Appearance

A redesigned control panel features a revamped layout and updated icons, significantly improving user experience



Porthole

Two portholes as standard, allows for independent testing of cabinet temperature



Low Noise Design

Noise-reduction features and structure noise reduction design



Adjustable Storage Shelf Height

Built-in evaporator design, and the shelf height can be adjusted according to the size of the stored articles, so as to ensure the efficient use of large space in the cabinet



Safe and Secure

Upgraded handle design for one-handed use, with a lockable feature for added security. Can also be paired with a padlock for multi-user convenience



Configuration

Standard: 5 coated steel wired shelves, remote alarm interface, USB (115V60Hz)

Optional: stainless steel shelves, plastic blood bag drawers, temperature recorder, RS485, USB (220V50Hz)

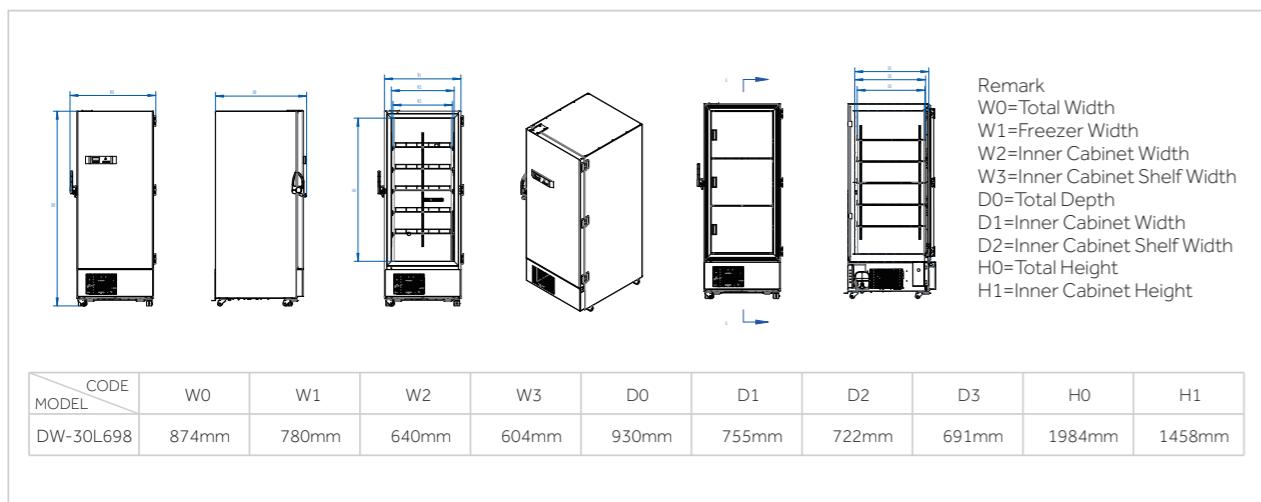
-30°C Biomedical Freezer

Product Parts



DW-30L698

Product Dimensions



Specifications

Model		DW-30L698	
Technical Data	Cabinet Type	Upright	
	Climate Class	SN N	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	
	Sound Level (dB(A))	41	43
Performance	Cooling Performance (°C)	-30	
	Temperature Range (°C)	-10~30	
Control	Controller	Microprocessor	
	Display	LED	
Electrical Data	Power Supply (V/Hz)	220~240/50	115/60
	Power (W)	400	500
Dimensions	Capacity (L/Cu.Ft)	698/24.7	
	Net/Gross Weight (approx)	kg 180/225 lbs 396.8/496	
	Interior Dimension (W×D×H)	mm 640*755*1458 in 25.2*29.7*57.4	
	Exterior Dimension (W×D×H)	mm 874*930*1984 in 34.4*36.6*78.1	
	Packing Dimension (W×D×H)	mm 950*1060*2110 in 37.4*41.7*83.0	
	Container Load (20'/40'/40'H)	10/22/22	
Alarms	High/Low Temperature	Y	
	Remote Alarm	Y	
	Power Failure	Y	
	Sensor Error	Y	
	Low Battery	Y	
	High Ambient Temperature	Y	
	Dirty Condenser	N	
	Door Ajar	Y	
	Casters	Y(4)	
Accessories	Leveling Feet	Y(2)	
	Porthole	Y, 2*Rear, (25mm)Diameter	
	Inner Doors	3	
	Drawers	24- Plastic Blood Bag Drawers, Optional	
	Shelves	5- Adjustable Wire Shelves	
	Shelf Dimensions (W×D)(mm)	610*655	
	Max. Load per Shelf (kg)	40	
	USB Interface	Optional	Y
	RS485	Optional	
	NFC	N	
Others	Temperature Recorder	Optional	
	Certificate	CE, MDR	UL, ENERGY STAR

-25°C Biomedical Freezer

The Haier Biomedical -25°C biomedical freezer maximizes storage space. Integrated cold shelf and evaporator design provides maximum refrigeration efficiency.



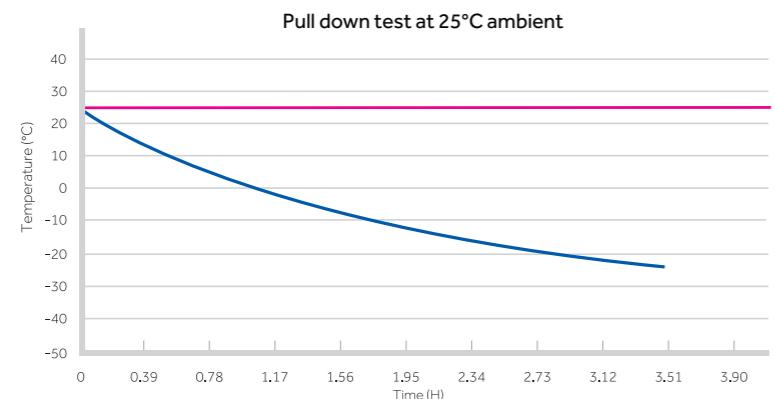
DW-25L92/262

Key Features

- Chemically stable, HC commercially available and environmentally safe refrigerant
- High-density foam insulation for rigidity and stable storage temperature
- Microprocessor control, digital display, adjustable temperature range: -10°C~ -25°C
- LCD digital display for clear observation
- Wide voltage tolerance design with applicable voltage range of 187~242 V/AC

Safety

- Multiple malfunction alarms including high/low temperature, sensor error
- Two types of alarm indications: audible buzzing and visible flashing light
- Door lock for storage safety
- Storage drawer



Specifications



	Model		DW-25L92	DW-25L262
Technical Data	Cabinet Type		Upright	Upright
	Climate Class		S N N	S N N
	Cooling Type		Direct Cooling	Direct Cooling
	Defrost Mode		Manual	Manual
	Refrigerant		HC	HC
	Sound Level (dB(A))	27	28	34
Performance	Cooling Performance (°C)		-25	-25
	Temperature Range (°C)		-10~ -25	-10~ -25
	Controller		Microprocessor	Microprocessor
Control	Display		LCD	LCD
	Power Supply (V/Hz)	220~240/50	115/60	220~240/50
Electrical Data	Power (W)	255	125	270
	Capacity (L/Cu.Ft)	92/3.2		262/9.3
	Net/Gross Weight (approx)	kg	46/51	88/93
Dimensions		lbs	101.4/112.4	194.0/205.0
	Interior Dimension (W×D×H)	mm	435*410*635	480*465*1430
		in	17.1*16.1*25.0	18.9*18.3*56.3
	Exterior Dimension (W×D×H)	mm	640*610*810	700*705*1665
		in	25.2*24.0*31.9	27.6*27.8*65.6
Alarms	Packing Dimension (W×D×H)	mm	660*700*910	775*760*1880
		in	26.0*27.6*35.8	30.5*29.9*74.0
	Container Load (20'/40'/40'H)	48/102/102		21/45/45
Accessories	High/Low Temperature		Y	Y
	Remote Alarm		Y	Y
	Power Failure		Y	Y
	Sensor Error		Y	Y
	Low Battery		N	N
	High Ambient Temperature		Y	Y
	Dirty Condenser		N	N
	Door Ajar		Y	Y
	Casters		Y(4)	Y(4)
	Leveling Feet		Y(2)	Y(2) N
Others	Porthole		Y, 1*Left Side, (25mm)Diameter	Y, 1*Left Side, (25mm)Diameter
	Inner Doors		N	N
	Drawers		3- Plastic Drawers	7- Plastic Drawers
	Shelves		N	N
	Shelf Dimensions (W×D)(mm)		N	N
	Max. Load per Shelf (kg)		N	N
	USB Interface		Optional	Optional
	RS485		Optional	Optional
	NFC		N	N
	Temperature Recorder		N	N
Others	Certificate	CE, MDR	UL	CE, MDR
				UL