

Biomedical Freezer Solutions

-60°C | -40°C | -30°C | -25°C



● Headquarter ● Global warehouse ● Training center ● Global subsidiary ● Manufacturing base

Qingdao Haier Biomedical Co.,Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266109, P.R. China
Tel: +86-0532-88935593
Website: www.haiermedical.com



Haier Biomedical
International



Haier Biomedical
International



@haiermedicalint



Haier Biomedical
International



Haier Biomedical
International

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.



-40°C Biomedical Freezer (Chest)

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

Scope of Application:

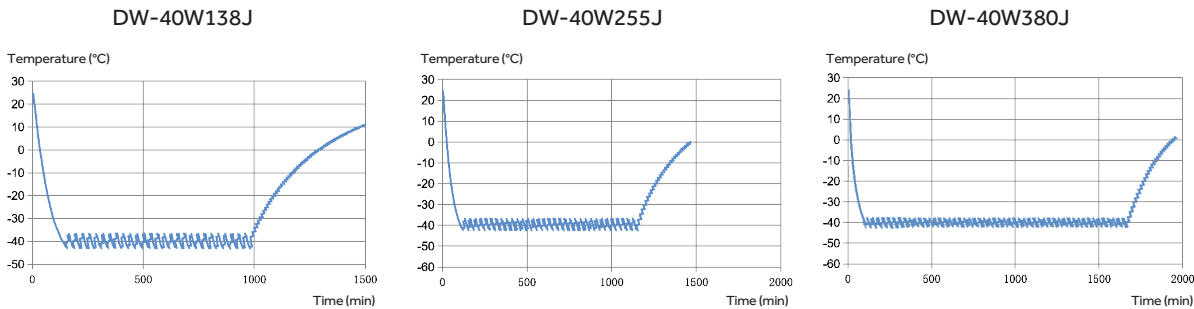
- Temperature Control**

 - 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



-40°C Biomedical Freezer (Chest)

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
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LCD	LCD	LCD
Electrical Data	Power Supply (V/Hz)	220~240/50	220~240/50	220~240/50
	Power (W)	260	370	450
	Electrical Current (A)	2.3	3.1	2.9
Dimensions	Capacity (L/Cu.Ft)	138/3.9	255/9.0	380/13.4
	Net/Gross Weight (approx)	kg	52/65	76/96
		lbs	114.6/143.3	167.5/211.6
	Interior Dimensions (W*D*H)	mm	580*445*620	1000*445*620
		in	22.8*17.5*24.4	39.4*17.5*24.4
	Exterior Dimensions (W*D*H)	mm	790*770*950	1210*770*950
		in	31.1*30.3*37.4	47.6*30.3*37.4
	Packing Dimensions (W*D*H)	mm	815*800*990	1255*800*990
		in	32.1*31.5*39	49.4*31.5*39
Alarms	Container Load (20'/40'/40'H)	28/56/56	22/46/46	14/28/28
	High/Low Temperature	Y	Y	Y
	Remote Alarm	Optional	Optional	Optional
	Power Failure	Y	Y	Y
	Sensor Error	Y	Y	Y
	High Ambient Temperature	Optional	Optional	Optional
Accessories	Caster	Y	Y	Y
	Porthole	Y	Y	Y
	USB Interface/RS485	Optional (USB or RS485, either-or)	Optional (USB or RS485, either-or)	Optional (USB or RS485, either-or)
Others	Certificate	CE	CE	CE

*Haier Biomedical reserves the right to change products and specifications without prior notice.



DW-40L278

Key Features

- Microprocessor control, adjustable temperature range :-20°C to -40°C
- LED digital display and increment at 0.1°C
- Permanently lubricated cooling fan for safety and longevity
- Rapid cooling with shelf evaporator
- Removable double outer door seal design

Ergonomic Design

- USB data logging and temperature recorder (optional)
- Padlock for safe storage
- Drawers are designed with label holders for item identification

Safety

- Multiple alarms include high/low temperature, sensor error, power failure, high ambient temperature, low battery, door ajar
- Alarm Types: buzzer, flashing light, remote alarm



Reliable Performance



USB



Alarms



Double Outer Door Seal



Padlock

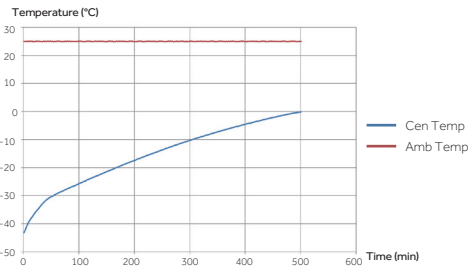
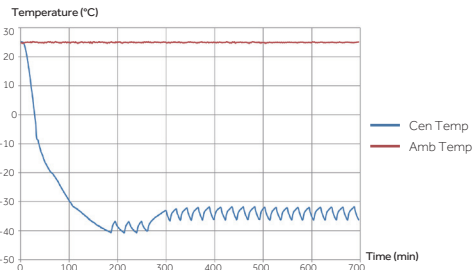
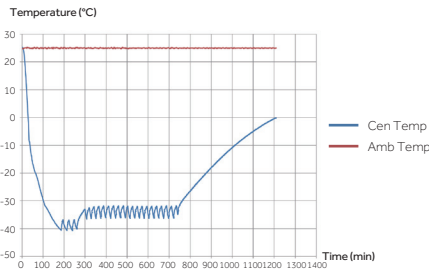


Caster and Feet



Removable Double Outer Door Seal

Temperature Curve



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

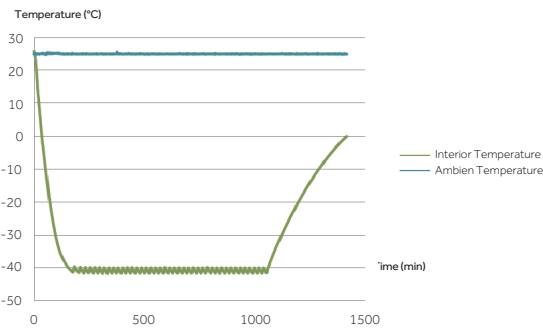


Adjustable Shelves

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)

-40°C Biomedical Freezer (Upright)

Specifications

Model		DW-40L92		DW-40L262		DW-40L278		DW-40L298J		DW-40L568J	
Technical Data	Cabinet Type	Upright		Upright		Upright		Upright		Upright	
	Climate Class	SN N		SN N		SN N		SN N		SN N	
	Cooling Type	Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling	
	Defrost Mode	Manual		Manual		Manual		Manual		Manual	
	Refrigerant	HC		HC	CFC-Free	HC	CFC-Free	HC		HC	
	Sound Level (dB(A))	29		41	44	40	44	39.2		45	
Performance	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		LCD		LED		LCD	
Electrical Data	Power Supply (V/Hz)	220-240/50/60		220-240/50/60	115/60	220-240/50	220-240/50/60	220-240/50		220-240/50	
	Power (W)	340		310	600	275	370	570		340	
	Electrical Current (A)	2.2		2	7.5	2.9	5.1	4.1		2.8	
	PowerConsumption (kWh/24h)	1.4		2.6	4.3	3.1	5.3	/		4	
Construction	Capacity (L/Cu.Ft)	92/3.2		262/9.3		278/98		298/10.5		568/20.1	
	Net/Gross Weight (approx)	kg	46/51	88/93		115/135		125/140		190/215	
		lbs	101.4/112.4	194.0/205.0		253.5/297.6		275.6/308.6		418.9/474	
	Interior Dimensions (W*D*H)	mm	435*410*635	480*465*1430		520*435*1230		541*443*1218		610*755*1260	
		in	17.1*16.1*25.0	18.9*18.3*56.3		20.5*17.1*48.4		21.3*17.4*48.0		24/29.7/49.6	
	Exterior Dimensions (W*D*H)	mm	640*610*810	700*705*1665		770*710*1810		770*710*1828		848*951*1780	
		in	25.2*24.0*31.9	27.6*27.8*65.6		30.3*28.0*71.3		30.3*28.0*72.0		33.4/37.4/70.1	
	Packing Dimensions (W*D*H)	mm	660*700*900	775*760*1880		832*757*1992		832*757*1992		900*1035*1910	
Loading Quantities	Container Load (20'/40'/40'H)	in	26.0*27.6*35.4	30.5*29.9*74.0		32.8*29.8*78.4		32.8*29.8*78.4		35.4/40.7/75.2	
			48/108/108	21/45/45		21/42/42		21/42/42		12/26/26	
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	/		/		Y		Y		/	
	High Ambient Temperature	Y		Y		Y		Y		Y	
	Door Ajar	Y		Y		Y		Y		Y	
Accessories	Caster	Y		Y		Y		Y		Y	
	Foot	Y		Y		Y		Y		Y	
	Porthole	Y		Y		Y		Y		Y	
	Drawers/Inner Doors	3/-		7/-		6/-		Optional/2		- / 2	
	USB Interface	Optional		Optional	/	Optional		Optional		Optional	
	RS485	Optional		Optional		Optional		Optional		Optional	
	Temperature Recorder	/		/		Optional		Optional		Optional	
Certification	CE	Y		Y	/	Y		Y		Y	

*Haier Biomedical reserves the right to change products and specifications without prior notice.

-40°C Biomedical Freezer (Double Doors Type)

The double door -40°C biomedical freezer models offer a large capacity storage space with rapid cooling. Integrated design of cold shelf and evaporator provides additional refrigeration efficiency. Designed to store vaccines, blood plasma and many other biological materials. Installations can be found in research institutions and clinical sites in the life science, pharma, biotech, medical and electronics sectors.



DW-40L508

DW-40L348



Control Panel



Drawer



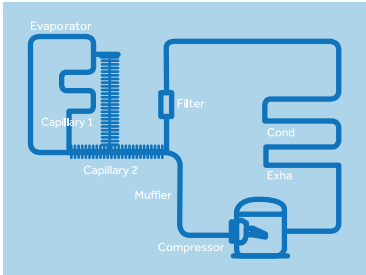
Shelf

-40°C Biomedical Freezer (Double Doors Type)

The DW-40L348 is based on the original work horse platform of DW-40L508. The new freezer model operates with two capillary tubes and is equipped with dual gaskets to improve the temperature uniformity through the chamber drastically. It can be installed to satisfy tougher application requirements in universities, research institutions and blood banks.

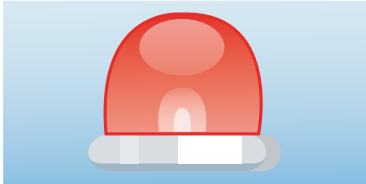
Reliability and Key Features

- Rated for -40°C at 32°C ambient
- Rapid cooling with shelf evaporator
- Improved temperature uniformity with dual capillary tube design at the range of -20°C to -40°C
- Improved door seal design with two gaskets maintains cabinet temperature more efficiently
- Reduced frost buildup
- 90mm insulation thickness for additional robustness, less power consumption and better temperature retaining ability
- Drawer design maximizes storage space. One unit can hold 360 bags of 230 ml blood bags
- Optional USB interface



Safety

- Multiple alarms include high/low temperature, power failure, sensor error, low battery, high ambient temperature
- Two types of alarms: buzzer and flashing light, remote alarm

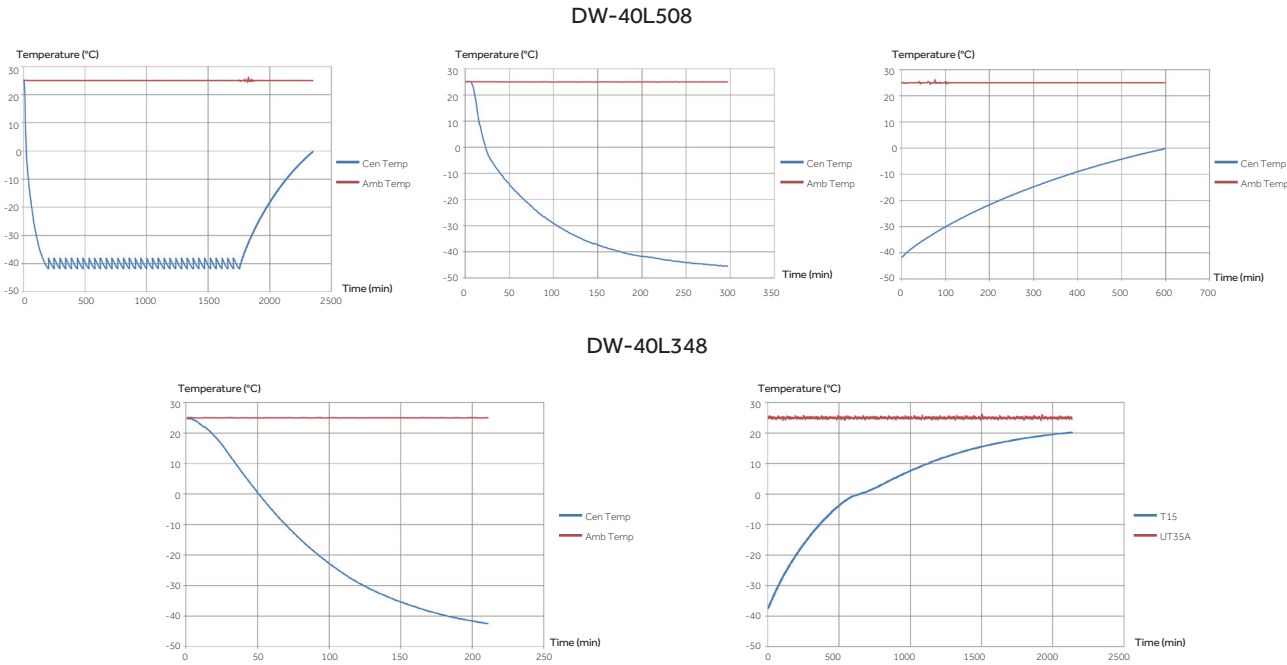


Ergonomic Design

- LED digital display
- Double door design with independent locks to ensure temperature stability and lower power consumption
- Label holders for product identification



Temperature Curve



-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.

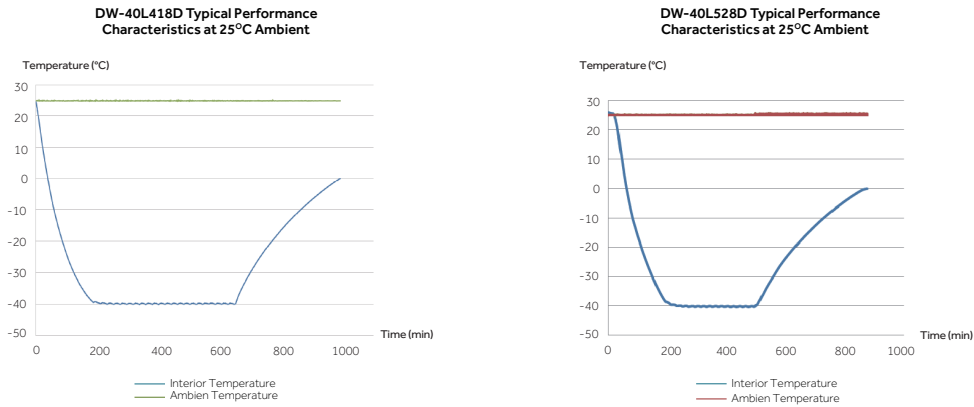


DW-40L418D/528D

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 ± 3°C, and the uniformity of the whole temperature zone is controlled within ± 5°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



-40°C Biomedical Freezer (Double Doors Type)

Specifications

Model		DW-40L348	DW-40L508		DW-40L418D	DW-40L528D
Technical Data	Cabinet Type	Upright, Double Door		Upright, Double Door		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	CFC-Free	HC
	Sound Level (dB(A))	41		41	45	41.7
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	220-240/50
	Power (W)	280		285	510	640
	Electrical Current (A)	2.9		2.9	5.6	4.2
	Power Consumption (kWh/24h)	3.3		3.8	6.6	/
Construction	Capacity (L/Cu.Ft)		348/12.3		490/17.3	418/14.8
	Net/Gross Weight (approx)	kg	137/145		164/200	145/165
		lbs	302.0/320.0		361.6/440.9	319.7/363.8
	Interior Dimensions (W*D*H)	mm	535*610*1228		685*610*1228	554*620*1230
		in	21.1*24.0*48.3		27.0*24.0*48.3	21.8*24.4*48.4
	Exterior Dimensions (W*D*H)	mm	790*845*1860		940*845*1860	790*845*1878
		in	31.1*33.3*73.2		37.0*33.3*73.2	31.1*33.3*73.9
	Packing Dimensions (W*D*H)	mm	852*927*2044		997*927*2044	852*927*2044
		in	33.5*36.5*80.5		39.3*36.5*80.5	33.5*36.5*80.5
Loading Quantities	Container Load (20'/40'/40'H)	12/28/28		12/24/24		12/28/28
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
	Door Ajar	/		/		Y
						Y
Accessories	Caster	Y		Y		Y
	Foot	Y		Y		Y
	Porthole	Y		Y		Y
	Drawers/Inner Doors	12/-		10/-		Optional/-
	USB Interface	Optional		Optional		Optional
	RS485	Optional		Optional		Optional
	Temperature Recorder	Optional		Optional		Optional
Certification	CE	Y		Y		Y

*Haier Biomedical reserves the right to change products and specifications without prior notice.



DW-40L818BP

Product Features

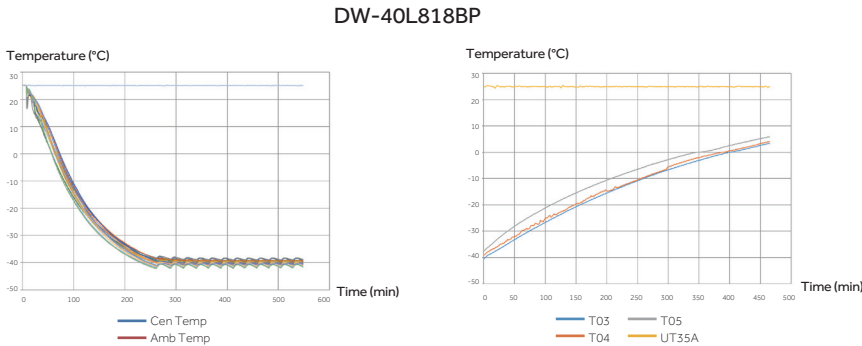
- High-efficiency and energy-saving compressor and system**
Optimized refrigeration system with a high efficiency inverter compressor to reduce energy consumption
- Green and environmental friendly**
Hydrocarbon refrigerant, energy saving and environmental protection, built with Urethane foam insulation complies with European ROHS regulation
- 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 45 dB, 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
- 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



Specifications

Model		DW-40L818BP
Technical Data	Cabinet Type	Upright
	Climate Class	SN N
	Cooling Type	Direct Cooling
	Defrost Mode	Manual
	Refrigerant	HC
	Sound Level (dB(A))	44 (220V/50Hz)
Performance	Cooling Performance (°C)	-40
	Temperature Range (°C)	-20~-40
Control	Controller	Microprocessor
	Display	LED
Electrical Data	Power Supply (V/Hz)	100-230/50/60
	Power (W)	795
	Electrical Current (A)	7.9
Dimensions	Capacity (L/Cu.Ft)	818/28.9
	Net/Gross Weight (approx)	(kg) 210/240
		(lbs) 463.0/529.1
	Interior Dimension (W*D*H)	(mm) 750*755*1460
		(in) 29.5/29.7/57.5
	Exterior Dimension (W*D*H)	(mm) 988*951*1980
		(in) 38.9/37.4/78.0
	Packing Dimension (W*D*H)	(mm) 1040*1060*2150
		(in) 40.9/41.7/84.6
Alarms	Container Load (20'/40'/40'H)	10/22/22
	High/Low Temperature	Y
	Remote Alarm	Y
	Power Failure	Y
	Sensor Error	Y
	Low Battery	Y
	High Ambient Temperature	Y
	Door Ajar	Y
Accessories	Castor	Y
	Foot	Y
	Porthole	Y
	Drawers/Inner Doors	-/3
	USB Interface	Optional
	RS485	Y
Others	Temperature Recorder	Optional
	Certificate	CE

*Haier Biomedical reserves the right to change products and specifications without prior notice.

Specifications



	Model	DW-40L92		DW-40L262		DW-40L278		DW-40L348		DW-40L508		DW-40L818BP		
Technical Data	Cabinet Type	Upright		Upright		Upright		Upright, Double Door		Upright, Double Door		Upright		
	Climate Class	SN N		SN N		SN N		SN N		SN N		SNN		
	Cooling Type	Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling		
	Defrost Mode	Manual		Manual		Manual		Manual		Manual		Manual		
	Refrigerant	HC		HC	CFC-Free	HC	CFC-Free	HC		HC	CFC-Free	HC		
	Sound Level (dB(A))	29		41	44	40	44	41		41	45	44 (220/50)		
Performance	Cooling Performance (°C)	-40		-40		-40		-40		-40		-40		
	Temperature Range (°C)	-20~-40		-20~-40		-20~-40		-20~-40		-20~-40		-20~-40		
Control	Controller	Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		
	Display	LCD		LCD		LED		LED		LED		LED		
Electrical Data	Power Supply (V/Hz)	220-240/50/60		220-240/50/60	115/60	220-240/50	220-240/50/60	220-240/50		220-240/50	208-230/60	100-230/50/60		
	Power (W)	340		310	600	275	370	280		285	510	795		
	Electrical Current (A)	2.2		2	7.5	2.9	5.1	2.9		2.9	5.6	7.9		
	Power Consumption (kWh/24h)	1.4		2.6	4.3	3.1	5.3	3.3		3.8	6.6	/		
Construction	Capacity (L/Cu.Ft)	92/3.2		262/9.3		278/9.8		348/12.3		490/17.3		818/28.9		
	Net/Gross Weight (approx)	kg	46/51		88/93		115/135		137/145		164/200		210/240	
		lbs	101.4/112.4		194.0/205.0		253.5/297.6		302.0/320.0		361.6/440.9		463.0/529.1	
	Interior Dimensions (W*D*H)	mm	435*410*635		480*465*1430		520*435*1230		535*610*1228		685*610*1228		750*755*1460	
		in	17.1*16.1*25.0		18.9*18.3*56.3		20.5*17.1*48.4		21.1*24.0*48.3		27.0*24.0*48.3		29.5/29.7/57.5	
	Exterior Dimensions (W*D*H)	mm	640*610*810		700*705*1665		770*710*1810		790*845*1860		940*845*1860		988*951*1980	
		in	25.2*24.0*31.9		27.6*27.8*65.6		30.3*28.0*71.3		31.1*33.3*73.2		37.0*33.3*73.2		38.9/37.4/78.0	
	Packing Dimensions (W*D*H)	mm	660*700*900		775*760*1880		832*757*1992		852*927*2044		997*927*2044		1040*1060*2150	
in		26.0*27.6*35.4		30.5*29.9*74.0		32.8*29.8*78.4		33.5*36.5*80.5		39.3*36.5*80.5		40.9/41.7/84.6		
Loading Quantities	Container Load (20'/40'/40'H)	48/108/108		21/45/45		21/42/42		12/28/28		12/24/24		10/22/22		
Alarms	High/Low Temperature	Y		Y		Y		Y		Y		Y		
	Remote Alarm	Y		Y		Y		Y		Y		Y		
	Power Failure	Y		Y		Y		Y		Y		Y		
	Sensor Error	Y		Y		Y		Y		Y		Y		
	Low Battery	/		/		Y		Y		Y		/		
	High Ambient Temperature	Y		Y		Y		Y		Y		Y		
	Door Ajar	Y		Y		Y		/		/		Y		
Accessories	Caster	Y		Y		Y		Y		Y		Y		
	Foot	Y		Y		Y		Y		Y		Y		
	Porthole	Y		Y		Y		Y		Y		Y		
	Drawers/Inner Doors	3/-		7/-		6/-		12/-		10/-		-/3		
	USB Interface	Optional		Optional	/	Optional		Optional		Optional		Optional		
	RS485	Optional		Optional		Optional		Optional		Optional		Y		
	Temperature Recorder	/		/		Optional		Optional		Optional		Optional		
Certification	CE	Y		Y	/	Y		Y		Y		Y		

Specifications



Model		DW-40W138J		DW-40W255J		DW-40W380J		DW-40L298J		DW-40L568J		DW-40L418D		DW-40L528D	
Technical Data	Cabinet Type	Chest		Chest		Chest		Upright		Upright		Upright		Upright	
	Climate Class	SN N		SN N		SN N		SN N		SN N		SN N		SN N	
	Cooling Type	Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling		Direct Cooling	
	Defrost Mode	Manual		Manual		Manual		Manual		Manual		Manual		Manual	
	Refrigerant	HC		HC		HC		HC		HC		HC		HC	
	Sound Level (dB(A))	42		42		42		39.2		45		41.7		45	
Performance	Cooling Performance (°C)	-40		-40		-40		-40		-40		-40		-40	
	Temperature Range (°C)	-20~-40		-20~-40		-20~-40		-20~-40		-20~-40		-20~-40		-20~-40	
Control	Controller	Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor		Microprocessor	
	Display	LCD		LCD		LCD		LED		LCD		LED		LED	
Electrical Data	Power Supply (V/Hz)	220-240/50		220-240/50		220-240/50		220-240/50		220-240/50		220-240/50		220-240/50	
	Power (W)	260		370		450		570		340		640		630	
	Electrical Current (A)	2.3		3.1		2.9		4.1		2.8		4.2		5.7	
	Power Consumption (kWh/24h)	/		/		/		/		4		/		/	
Construction	Capacity (L/Cu.Ft)	138/3.9		255/9.0		380/13.4		298/10.5		568/20.1		418/14.8		531/18.8	
	Net/Gross Weight (approx)	kg		52/65		76/96		125/140		190/215		145/165		180/205	
		lbs		114.6/143.3		167.5/211.6		275.6/308.6		418.9/474		319.7/363.8		396.8/451.9	
	Interior Dimensions (W*D*H)	mm		580*445*620		1000*445*620		541*443*1218		610*755*1260		554*620*1230		704*620*1230	
		in		22.8*17.5*24.4		39.4*17.5*24.4		21.3*17.4*48.0		24/29.7/49.6		21.8*24.4*48.4		27.7*24.4*48.4	
	Exterior Dimensions (W*D*H)	mm		790*770*950		1210*770*950		770*710*1828		848*951*1780		790*845*1878		940*845*1878	
		in		31.1*30.3*37.4		47.6*30.3*37.4		30.3*28.0*72.0		33.4/37.4/70.1		31.1*33.3*73.9		37.0*33.3*73.9	
	Packing Dimensions (W*D*H)	mm		815*800*990		1255*800*990		832*757*1992		900*1035*1910		852*927*2044		997*927*2044	
		in		32.1*31.5*39		49.4*31.5*39		32.8*29.8*78.4		35.4/40.7/75.2		33.5*36.5*80.5		39.3*36.5*80.5	
Loading Quantities	Container Load (20'/40'/40'H)	28/56/56		22/46/46		14/28/28		21/42/42		12/26/26		12/28/28		12/24/24	
Alarms	High/Low Temperature	Y		Y		Y		Y		Y		Y		Y	
	Remote Alarm	Optional		Optional		Optional		Y		Y		Y		Y	
	Power Failure	Y		Y		Y		Y		Y		Y		Y	
	Sensor Error	Y		Y		Y		Y		Y		Y		Y	
	Low Battery	/		/		/		Y		/		Y		Y	
	High Ambient Temperature	Optional		Optional		Optional		Y		Y		Y		Y	
	Door Ajar	/		/		/		Y		Y		Y		Y	
Accessories	Caster	Y		Y		Y		Y		Y		Y		Y	
	Foot	/		/		/		Y		Y		Y		Y	
	Porthole	Y		Y		Y		Y		Y		Y		Y	
	Drawers/Inner Doors	/		/		/		Optional/2		- / 2		Optional/2		Optional/-	
	USB Interface	Optional		Optional		Optional		Optional		Optional		Optional		Optional	
	RS485	(USB or RS485, either-or)		(USB or RS485, either-or)		(USB or RS485, either-or)		Optional		Optional		Optional		Optional	
	Temperature Recorder	/		/		/		Optional		Optional		Optional		Optional	
Certification	CE	Y		Y		Y		Y		Y		Y		Y	

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 Advantages

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

Supersized double outer doors, 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

