

# -40°C Smart Frequency Conversion Freezer



**DW-40L818BPT**

## Scope of Application:

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

## Innovative Design

- Superior temperature uniformity
- Adjustable storage shelf height
- Low sound level
- Green and environmental friendly
- High-efficiency and energy-saving compressor and system

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## 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  $-40^{\circ}\text{C}$ .



### Low sound level

Noise level less than 45 dB, providing a more comfortable environment



### 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  $0.1^{\circ}\text{C}$ . Internal temperature is adjustable from  $-20^{\circ}\text{C}$  to  $-40^{\circ}\text{C}$ .



### Configuration

Standard: RS485 interface  
Optional: Temperature recorder, USB interface. Stainless steel shelves, Blood basket.



### 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



### Safe and secure

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



### Porthole

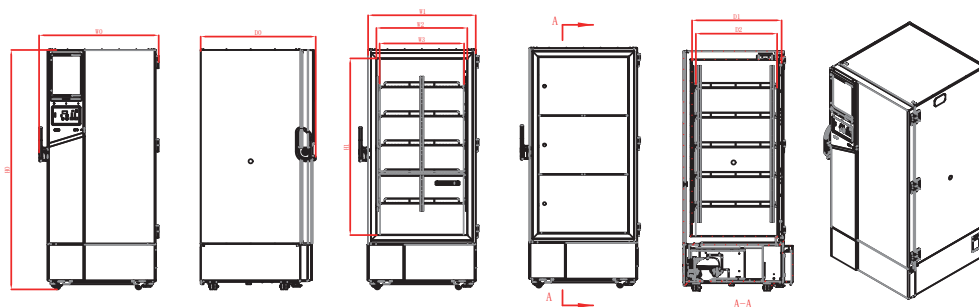
Two portholes as standard, allows for independent testing of cabinet temperature

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## Product Parts



## Product Dimension Drawings



Ramark  
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-40L818BPT		988mm	890mm	750mm	698mm	951mm	755mm	671mm	1980mm	1460mm

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## Specifications



Model			DW-40L818BPT
Technical Data	Cabinet Type		Upright
	Climate Class		SNN
	Cooling Type		Direct cooling
	Defrost Mode		Manual
	Refrigerant		HC
	Sound Level (dB(A))		44
Performance	Cooling Performance (°C)		-40
	Temperature Range(°C)		-20~-40
Control	Controller		Microprocessor
	Display		Touch Screen LCD
Electrical Data	Power Supply (V/HZ)		100-230/50/60
	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*1035*2110
		(in)	40.9*40.7*83.1
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
	Dirty Condenser		N
	Door Ajar		Y
Accessories	Caster		Y
	Leveling Feet		Y
	Porthole		Y
	Drawers/Inner Doors		N/3
	Adjustable Shelves		Y (5)
	USB Interface		Optional
	RS485		Y
	NFC		Optional
	Temperature Recorder		Optional
Other	Certificate		CE, UL

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