

-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

Qingdao Haier Biomedical Co.,Ltd.

No.280 Feng Yuan Road, High-tech Zone,
Qingdao, 266109, P.R. China
E-mail: inquiry@haierbiomedical.com
Website: www.haiermedical.com



Haier Biomedical
International



Haier Biomedical
International



@haiermedicalint



Haier Biomedical
International



Haier Biomedical
International

-40°C Smart Frequency Conversion Freezer

Product Features



High-efficiency and energy-saving compressor and system

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



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 .



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 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°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. Stainless steel shelves, Blood basket.



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

-40°C Smart Frequency Conversion Freezer

Product Parts



Document holding compartment for storing size A4 paper and pens

10-inch touch screen

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



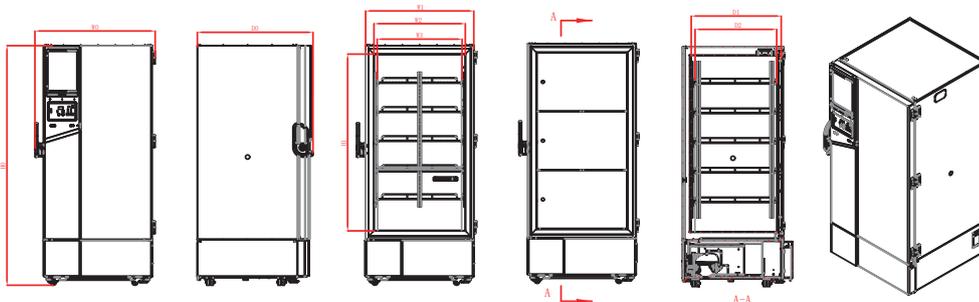
Shelf height can be adjusted according to the size of the stored articles, so as to realize the efficient use of large space in the cabinet

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



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

-40°C Smart Frequency Conversion Freezer

Specifications



Model		DW-40L818BT	
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	
	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	
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.