

-40°C Smart Frequency Conversion Freezer



DW-40L818BP

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°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 .



Configuration

Standard: RS485 interface
Optional: Temperature recorder , USB interface, 10-inch touch screen, Stainlesssteel shelves, Bloodbasket.



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

MIDSCI[™]
Laboratory Equipment & Supplies

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Product Parts

Document holding compartment for storing size A4 paper and pens

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

Code	W0	W1	W2	W3	D0	D1	D2	H0	H1
DW-40L818BP	988 mm	890 mm	750 mm	698 mm	951 mm	755 mm	671 mm	1980 mm	1460 mm



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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	
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	
	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.