



Legacy Lab Supplies

-40°C Smart Frequency Conversion Freezer

DW-40L959BP



Scope of Application:

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.



High-efficiency and Energy-saving
Compressor and System



Green and Environmental Friendly



Superior Temperature Uniformity



Low Sound Level

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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.



Low Sound Level

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



Green and Environmental Friendly

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



Superior Temperature Uniformity

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



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 .



Super-large Capacity

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



Safe and Secure

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



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, 2 coated steel wired shelves.

Optional: Temperature recorder, Printer, USB interface, NCF, 10-inch touch screen, IoT module, Stainless steel shelves, Blood basket.

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Product Parts

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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 (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

A-A

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-40L959BP	1296mm	1196mm	1016mm	1008mm	998mm	716mm	641mm	1980mm	1310mm



Specifications

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Model			DW-40L959BP		
Technical Data	Cabinet Type		Upright		
	Climate Class		SNN		
	Cooling Type		Direct Cooling		
	Defrost Mode		Manual		
	Refrigerant		HC		
	Sound Level (dB(A))		42		
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)		959/33.9		
	Net/Gross Weight (approx)	(kg)	350/400		
		(lbs)	771.6/881.8		
	Interior Dimension (W*D*H)	(mm)	1016*716*1310		
		(in)	40.0*28.2*51.6		
	Exterior Dimension (W*D*H)	(mm)	1296*998*1980		
		(in)	51.0*39.3*78.0		
	Packing Dimension (W*D*H)	(mm)	1358*1098*2127		
		(in)	53.5*43.2*83.7		
Alarms	Container Load (20'/40'/40'H)		8/16/16		
	High/Low Temperature		Y		
	Remote Alarm		Y		
	Power Failure		Y		
	Sensor Error		Y		
	Low Battery		Y		
	High Ambient Temperature		Y		
	Dirty Condenser		N		
Accessories	Door Ajar		Y		
	Caster		Y		
	Leveling Feet		Y		
	Porthole		Y		
	Drawers/Inner Doors		N/3		
	Adjustable Shelves		Y (2)		
	USB Interface		Optional		
	RS485		Y		
	NFC		Optional		
Other	Temperature Recorder		Optional		
	Certificate		CE, UL		

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

