-40°C Smart Frequency Conversion Freezer

DW-40L959BP

High-efficiency and Energy-saving Compressor and System

Green and Environmental Friendly

Superior Temperature Uniformity

Low Sound Level

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

Product Features

High-efficiency and Energy-saving Compressor and System

Optimized refrigeration system with a high effi ciency 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.

Low Sound Level

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

Superior Temperature Uniformity

The temperature uniformity is ±3°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.

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.

Super-large Capacity

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

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.

Safe and Secure

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

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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 (SUS304 stainless shelves as optional)
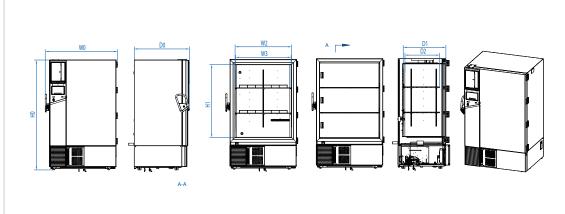
Pressure equalization port for easy door opening

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

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

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Specifications

Model		DW-40L959BP
Technical Data	Cabinet Type	Upright
	Climate Class	SN N
	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
	Container Load (20'/40'/40'H)		8/16/16
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 (2)
	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.

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