-40°C Smart Frequency Conversion Freezer

DW-40L959BPT

- 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.

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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.

Intelligent Control

10-inch high-performance touch screen, sensitive touch operation. Users can check the real-time operating status

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 ±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.

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.
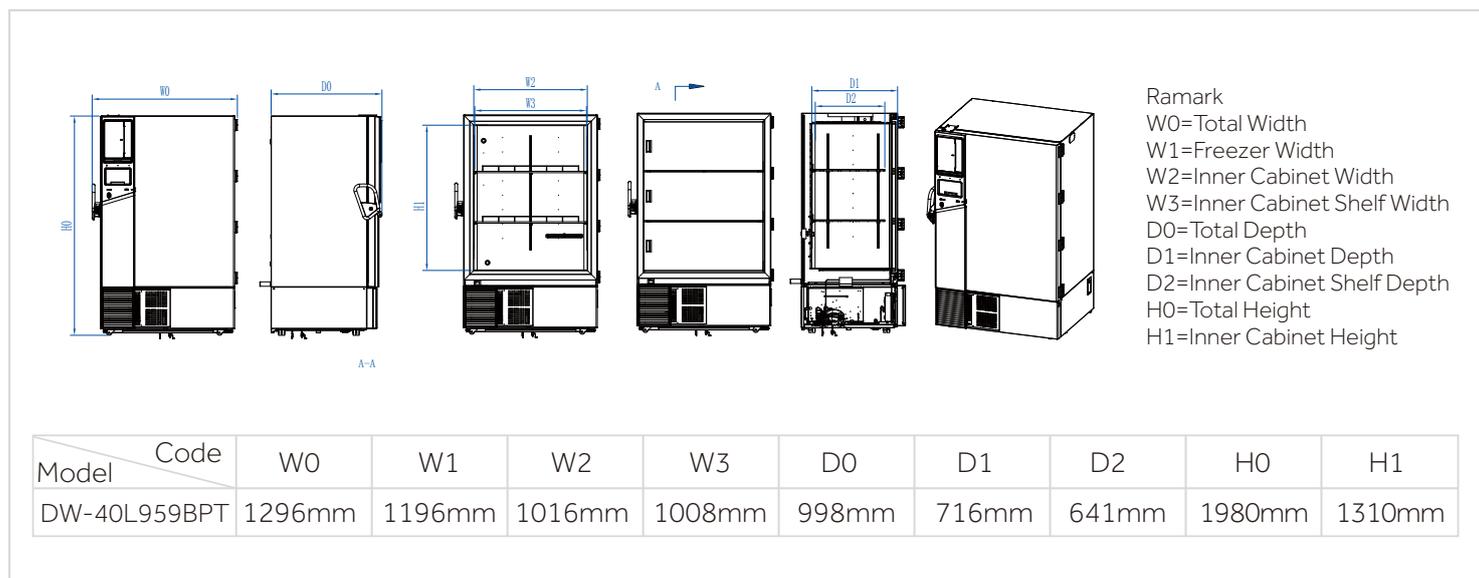
Configuration

Standard: 10-inch touch screen, RS485 interface , 2 coated steel wired shelves.

Optional: Temperature recorder, Printer, USB interface, NCF, IoT module, Stainless steel shelves, Blood basket.

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 (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-40L959BPT	1296mm	1196mm	1016mm	1008mm	998mm	716mm	641mm	1980mm	1310mm

Specifications

Model			DW-40L959BPT
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		Touch screen LCD
Electrical Data	Power Supply (V/HZ)		100~230/50/60
	Capacity (L/Cu.Ft)		959/33.9
Dimensions	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.