

-40°C Smart Frequency Conversion Freezer



High-efficiency and Energy-saving Compressor and System



Green and Environmental Friendly



Superior Temperature Uniformity



Low Sound Level



DW-40L959BPT

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Mar, 2026



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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(A), 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 $\pm 3^{\circ}\text{C}$ 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 .



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, USB interface, coated wire shelves
Optional: Temperature recorder, printer, NFC, stainless steel shelves, blood bag drawer



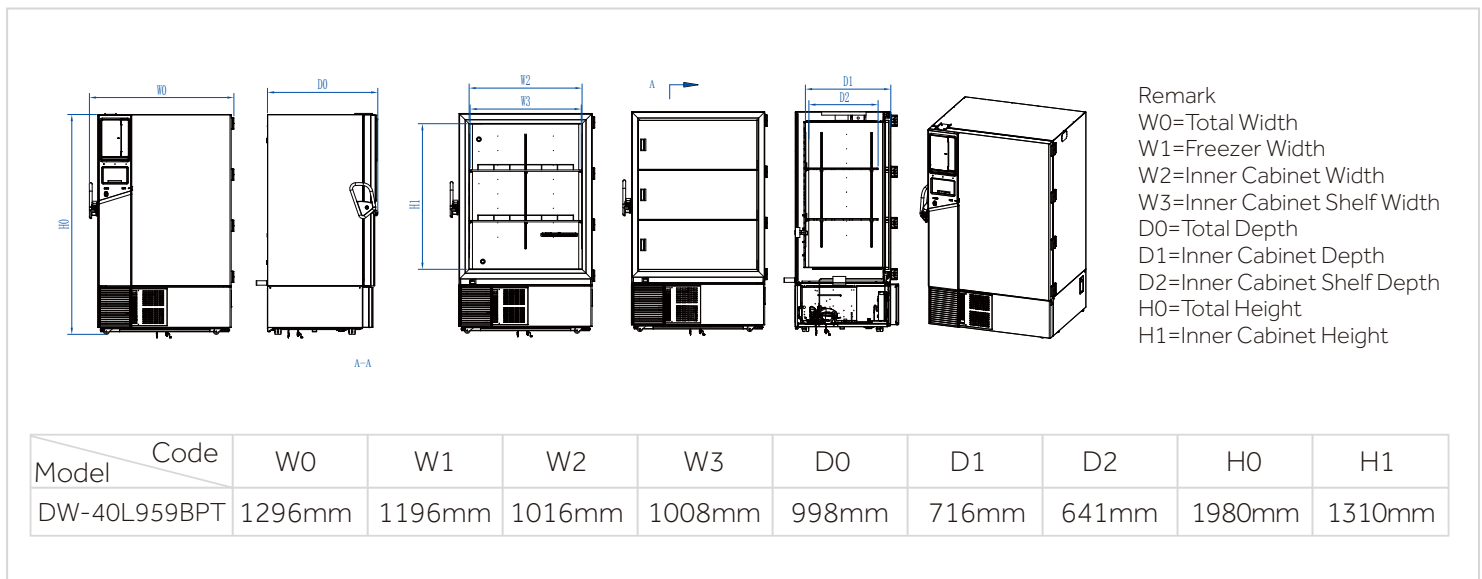
Safe and Secure

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

Product Parts



Product Dimension Drawings





Specifications

Model		DW-40L959BPT	
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	Touch Screen LCD	
Electrical Data	Power Supply (V/Hz)	100~230/50/60	
	Power (W)	800	
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	Casters	Y(4)	
	Leveling Feet	Y(2)	
	Porthole	Y, 2*Rear, (25mm)Diameter	
	Inner Doors	3	
	Drawers	21/42-Plastic Blood Bag Drawers, Optional	
	Shelves	2- Adjustable Wire Shelves	
	Shelf Dimensions (W×D)(mm)	1000*641	
	Max. Load per Shelf (kg)	65	
	USB Interface	Y	
	RS485	Y	
	NFC	Optional	
	Temperature Recorder	Optional	
Others	Certificate	CE, UL, MDR	

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