

# -40°C Smart Frequency Conversion Freezer



DW-40L818BPT

## 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

### Contact info

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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



**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  $-40^{\circ}\text{C}$ .



**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 45 dB, providing a more comfortable environment



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

## Ergonomic Design



**Microprocessor-controlled system**  
Microprocessor control, with temperature display precision at  $0.1^{\circ}\text{C}$ . Internal temperature is adjustable from  $-20^{\circ}\text{C}$  to  $-40^{\circ}\text{C}$ .



**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



**Configuration**  
Standard: RS485 interface  
Optional: Temperature recorder, USB interface. Stainless steel shelves, Blood basket.



**Safe and secure**  
Equipped with key lock, padlock, optional electronic lock, providing multiple safeguards for sample safety

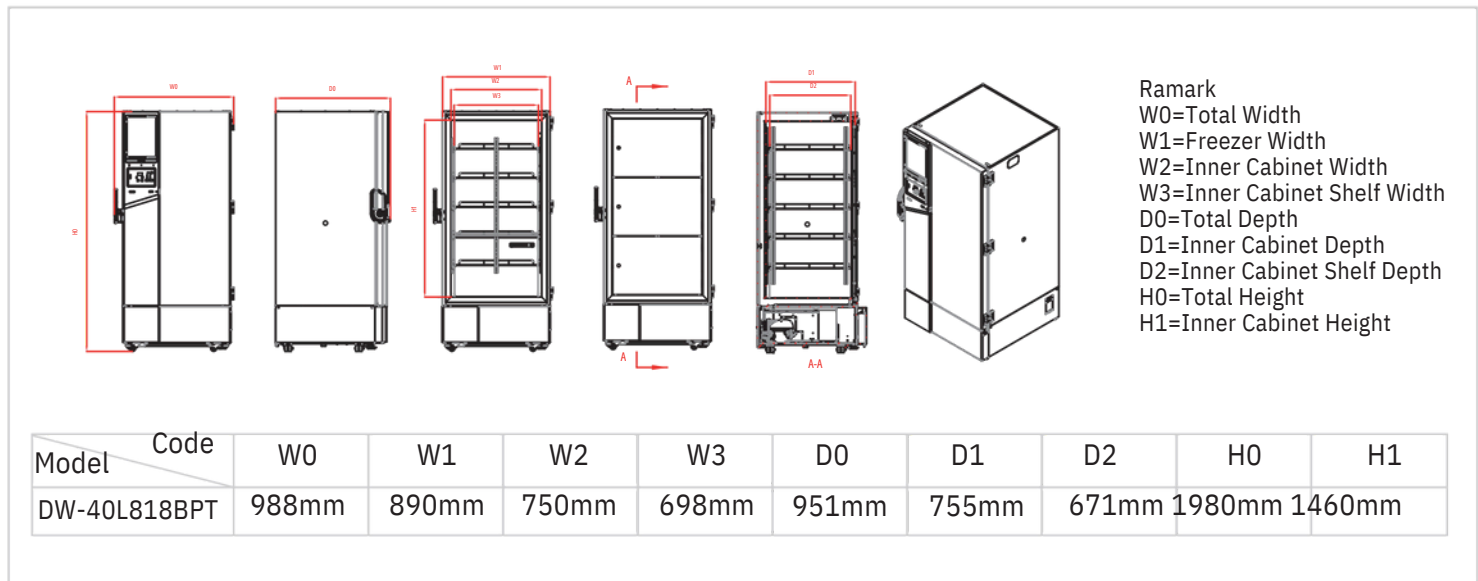


**Porthole**  
Two portholes as standard, allows for independent testing of cabinet temperature

**Product Parts**



**Product Dimension Drawings**



# Specifications

Model		DW-40L818BPT	
Technical Data	Cabinet Type	Upright	
	Climate Class	SN N	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	
	Sound Level (dB(A))	44	
	Cooling Performance (°C)	-40	
Performance	Temperature Range (°C)	-20~-40	
	Controller	Microprocessor	
Control	Display	Touch Screen LCD	
	Power Supply (V/Hz)	100~230/50/60	
Electrical Data	Power (W)	795	
	Capacity (L/Cu.Ft)	818/28.9	
	Net/Gross Weight (approx)	210/240	
Dimensions		kg	463.0/529.1
		lbs	750*755*1460
	Interior Dimension (W×D×H)	mm	29.5/29.7/57.5
		in	988*951*1980
	Exterior Dimension (W×D×H)	mm	38.9/37.4/78.0
		in	1040*1035*2110
	Packing Dimension (W×D×H)	mm	40.9*40.7*83.1
	Container Load (20'/40'/40'H)	in	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	
Casters		Y(4)	
	Leveling Feet	Y(2)	
Accessories	Porthole	Y, 2*Rear, (25mm)Diameter	
	Inner Doors	3	
	Drawers	30- Plastic OBplotoiodn Balag Drawers,	
	Shelves	5- Adjustable Wire Shelves	
	Shelf Dimensions (W×D)(mm)	706*665	
	Max. Load per Shelf (kg)	50	
	USB Interface	Optional	
	RS485	Y	
	NFC	Optional	
	Temperature Recorder	Optional	
	Certificate	CE, MDR	
Others			

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