

-40°C Biomedical Freezer



DW-40L92

Scope of Application:

Designed to store vaccines, blood plasma and many other biological materials. Installations can be found in research institutions and clinical sites in the life science, pharma, biotech, medical and electronics sectors.

Innovative Design

- ◉ Environmentally Friendly
- ◉ Hydrocarbon (HC) Energy-saving
- ◉ Low Noise
- ◉ Security Lock

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Product Advantages

-  **Low Noise**
Optimized hydrocarbon system and structural noise reduction design, DW-40L92 noise 29 dB, super quiet and low noise.
-  **Environmentally Friendly**
 - The HC system is a completely green refrigeration solution.
 - With LBA foamed polyurethane insulation in line with European ROHS directive for environmentally friendly materials.

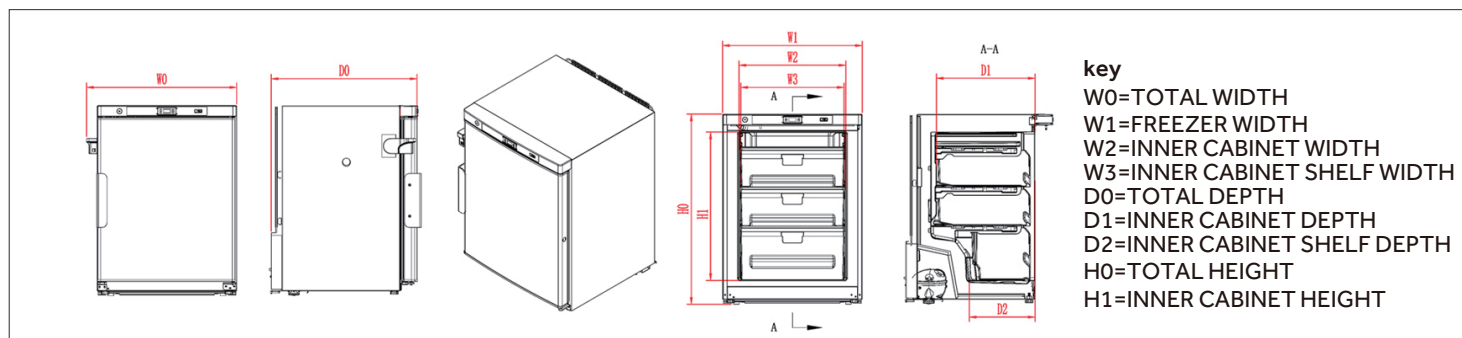
-  **Hydrocarbon (HC) Energy-saving**
DW-40L92 adopts an hydrocarbon inverter compressor system, energy-saving and efficient, delivers a power consumption as low as 1.42KW·h/24h.
-  **Security Lock**
 - Mechanical lock plus lock catch, the mechanical door lock can be opened with one key, and the door lock can be padlocked.
 - Secure and safe, suitable for multiple users.

Product Features

-  **Undercounter Biomedical Freezer**
The DW-40L92 cabinet is designed with a height of 810mm, which can be easily placed under the bench to save storage space.
-  **Porthole**
Standard access port (25mm inside diameter) on the left side of the unit, convenient for users to test independently.
-  **Microprocessor**
 - Microprocessor electronic temperature controller, LCD digital temperature display, display precision is 0.1°C, temperature set point -20~-40°C.
 - Multiple alarms including high and low temperature, sensor error, power failure, door ajar, high ambient and remote alarm.
 - Alarm mode: sound and light alarm.
 - It can be connected to remote alarm.

-  **Fast Pull Down and Recovery Times**
DW-40L92 cools down to -40°C from 25°C ambient in around 110 minutes due to the optimised HC refrigeration system.
-  **Multiple Interface Options**
 - Standard configuration: Remote alarm interface.
 - Optional configuration: USB or RS485.
-  **Low Energy Consumption**
The power consumption of DW-40L92 decreases from 3.3 KW·h/day to 1.42 KW·h/day, and the energy consumption is reduced by more than 50%.

Product Dimension Drawings



Model	W0	W1	W2	W3	D0	D1	D2	H0	H1
DW-40L92	640	597	435	410	610	410	294	810	635

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

Product Parts



Specifications

	Model	DW-40L92	
Technical Data	Cabinet Type	Upright	
	Climate Class	SN N	
	Cooling Type	Direct Cooling	
	Defrost Mode	Manual	
	Refrigerant	HC	
	Sound Level (dB(A))	29	
Performance	Cooling performance (°C)	-40	
	Temperature Range (°C)	-20~-40	
Control	Controller	Microprocessor	
	Display	LCD	
Electrical Data	Power Supply (V/Hz)	220-240/50/60	
	Electrical Current (A)	2.2	
Dimensions	Capacity (L/Cu.Ft)	92/3.3	
	Net/Gross Weight (approx)	kg	46/51
		lbs	101.4/112.4
	Interior Dimension (W*D*H)	mm	435*410*635
		in	17.1*16.1*25.0
	Exterior Dimension (W*D*H)	mm	640*610*810
		in	25.2*24.0*31.9
	Packing Dimension (W*D*H)	mm	660*700*910
in		26.0*27.6*35.8	
Container Load (20'/40'/40'H)	48/108/108		
Alarms	High/Low Temperature	Y	
	Remote Alarm	Y	
	Power Failure	Y	
	Sensor Error	Y	
	Low Battery	N	
	High Ambient Temperature	N	
	Dirty Condenser	N	
	Door Ajar	Y	
Accessories	Caster	Y	
	Leveling Feet	Y	
	Porthole	Y	
	Drawers/Inner Doors	3/N	
	Adjustable Shelves	N	
	USB Interface	Optional	
	RS485	Optional	
	NFC	N	
Others	Temperature Recorder	N	
	Certification	CE	

*Product appearance and specifications are subject to change without notice.