

# -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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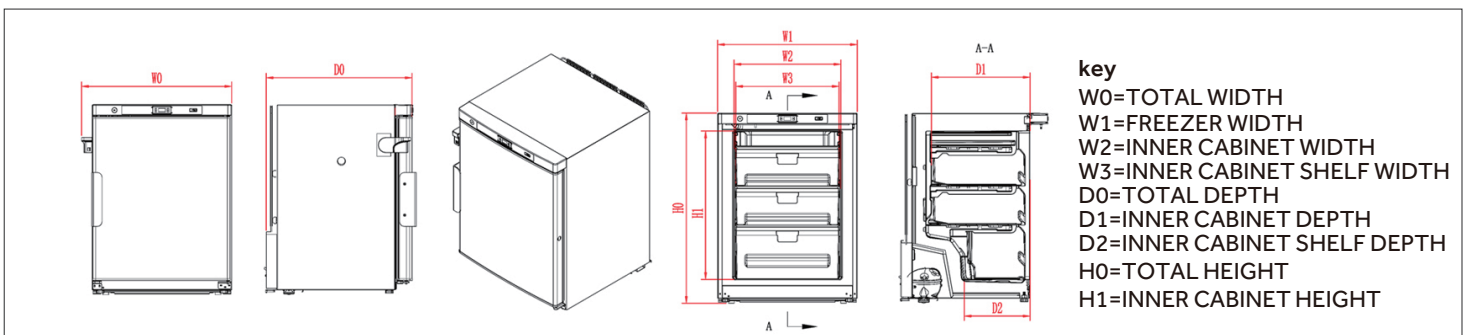
## Product Advantages

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**Low Noise**  
 Optimized hydrocarbon system and structural noise reduction design, DW-40L92 noise 29 dB, super quiet and low noise
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**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
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**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
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**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

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**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
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**Porthole**  
 Standard access port (25mm inside diameter) on the left side of the unit, convenient for users to test independently
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**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
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**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
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**Multiple Interface Options**
  - Standard configuration: Remote alarm interface
  - Optional configuration: USB or RS485
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**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
Cabinet Type		Upright
Climate Class		SN N
Cooling Type		Direct Cooling
Defrost Mode		Manual
Refrigerant		HC
Sound Level ((dB(A))		29
Cooling performance (°C)		-40
Temperature Range (°C)		-20~-40
Controller: Microprocessor		Microprocessor
Display: LCD		LCD
Power Supply (V/Hz)		220-240/50/60
Power (W)		340
Electrical Current (A)		2.2
Power Consumption (kW-h/24h)		1.42
Capacity (L/Cu.Ft)		92/3.2
Net/Gross Weight (approx)	kg	46/51
	lbs	101.4/112.4
Interior Dimensions (W*D*H)	mm	435*410*635
	in	17.1*16.1*25.0
Exterior Dimensions (W*D*H)	mm	640*610*810
	in	25.2*24.0*31.9
PackingDimensions(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, Remote Alarm, Power Failure, Sensor Error, High Ambient Temperature, Door Ajar, Caster, Foot, Porthole, Drawers/Inner Doors (3/-), USB Interface (Optional), RS485 (Optional)
Certification		CE

Product appearance and specifications are subject to change without notice