

-40°C Biomedical Freezer

— DW-40L92



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.



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.



Low Noise

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



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.

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Product Features



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.



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.



Multiple Interface Options

- Standard configuration: Remote alarm interface.
- Optional configuration: USB or RS485.



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.



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%.



Low Noise

DW-40L92 noise decreases to 29dB, quiet and low noise.



Porthole

There is a standard access port (25mm inside diameter) on the left side of the unit, which is convenient for users to test independently.



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

key

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

Specifications

Defrost Mode	Refrigerant	Sound Level (dB(A))	Cooling Performance (°C)	Temperature Range (°C)	Power Supply (V/Hz)	Power (W)
Manual	HC	29	-40	-20~-40	220-240/50/60	340

Electrical Current (A)	Power Consumption (kW·h/24h)	Capacity (L/Cu.Ft)	Net/Gross Weight (approx)(kg)	Internal Dimension (W*D*H)(mm)
2.2	1.42	92/3.2	46/51	435*410*635

Exterior Dimension (W*D*H)(mm)	Container Load (20'/40'/40'H)	Alarms	Certification
640*610*810	48/108/108	High/Low Temperature, Remote Alarm, Power Failure, Sensor Error, High Ambient Temperature, Door Ajar	CE