

# bitstrong Biomedical

-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  $1.42 \text{KW} \cdot \text{h}/24 \text{h}$ .



# **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  $3.3~\mathrm{KW}\cdot\mathrm{h/day}$  to  $1.42~\mathrm{KW}\cdot\mathrm{h/day}$ , and the energy consumption is reduced by more than 50%.



#### **Low Noise**

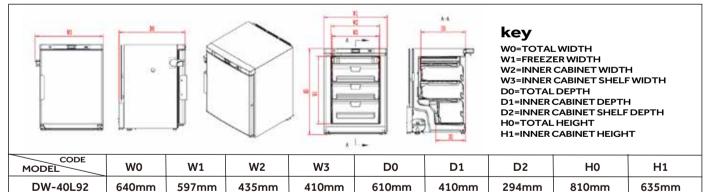
DW-40L92 noise decreases to 29dB, quiet and low noise.



#### **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.





# 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