

# -40°C Biomedical Freezer

**DW-40L262**



## Hydrocarbon (HC) Energy-saving

DW-40L262 adopts an efficient hydrocarbon (HC) inverter compressor system, which is more efficient and energy-saving and efficient, delivers a power consumption figure as low as 2.62KW·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-40L262 noise 41 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 padlock. Secure and safe, suitable for multiple users.

**Qingdao Haier Biomedical Co.,Ltd.**

No.280 Feng Yuan Road, High-tech Zone,  
Qingdao, 266109, P.R. China  
Tel: +86-0532-88935593  
Website: [www.haiermedical.com](http://www.haiermedical.com)



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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.



### Multiple Interface Options

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



### Fast Pull Down and Recovery Times

DW-40L262 cools down to -40°C from 25°C ambient in around 170 minutes due to the optimized HC refrigeration system.



### Low Energy Consumption

The power consumption of DW-40L262 decreases from 4.3 KW·h/day to 2.62 KW·h/day, and the energy consumption is reduced by more than 35%.



### Low Noise

DW-40L262 noise decreases to 41dB, 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<br>MODEL | W0    | W1    | W2    | W3    | D0    | D1    | D2    | H0     | H1     |
|---------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| DW-40L262     | 700mm | 657mm | 480mm | 450mm | 705mm | 465mm | 313mm | 1665mm | 1430mm |

### 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                            | 41   | -40                           | -20~-40                        | 220-240/50/60       | 310       |
| Electrical Current (A)         | Power Consumption (kW·h/24h)  | Capacity (L/Cu.Ft)   | Net/Gross Weight (approx)(kg) | Internal Dimension (W*D*H)(mm) |                     |           |
| 2                              | 2.62                          | 262/3.2  | 88/93                         | 480*465*1430                   |                     |           |
| Exterior Dimension (W*D*H)(mm) | Container Load (20'/40'/40'H) | Alarms   | Certification                 |                                |                     |           |
| 700*705*1665                   | 21/45/45                      | High/Low Temperature, Remote Alarm, Power Failure, Sensor Error, High Ambient Temperature, Door Ajar | CE                            |                                |                     |           |