



DW-40L568J

-40°C Biomedical Freezer

Scope of Application

Blood banks, hospitals, disease control centers, research institutes, electronics, chemicals and other industries. For the cryopreservation of plasma, biologics and other products and for cold tests for components and materials.

Innovative Design

- Energy Saving Hydrocarbon Technology
- Large Capacity with Excellent Uniformity
- Low Noise
- Environmentally-friendly

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Product Advantages



Energy Saving Hydrocarbon Technology

The hydrocarbon refrigerants, high-efficiency compressors and optimized refrigeration system delivery energy-efficiencies with a power consumption as low as 4kWh/24h.



Environmentally Friendly

Green and Clean. Hydrocarbon refrigerants are natural refrigerants with a low GWP significantly reducing the impact on the environment. LBA foamed polyurethane is an environmentally friendly insulation material which meets European ROHS directives.



Large Capacity with Excellent Uniformity

Built-in evaporator ensures large internal storage space with a temperature uniformity $\pm 4^{\circ}\text{C}$ and adjustable shelves.



Low Noise

Optimized hydrocarbon system and structural noise reduction design. Noise output is as low as 44 dB.

Product Features

Durable and Quality Manufacture: The electric zinc plate of the interior is powder sprayed, with rounded corners. The exterior is sprayed steel plate, which is anticorrosive, durable and easy to clean.



Microprocessor

- Microprocessor electronic temperature controller, LCD digital temperature display, display precision 0.1°C, the temperature in the freezer is adjustable from -20°C to -40°C.
- Multiple alarm functions such as high temperature alarm, low temperature alarm, sensor error, power failure alarm, door ajar and high ambient temperature alarm. Multiple alarm methods: sound buzzer alarm, digital flashing alarm, symbol flashing alarm, it can be connected to remote alarm.
- Alarm battery back-up ensures the freezer continues to alarm for more than 24 hours in the event of a mains power failure.



Thermally-efficient, Fast Cool/Recovery Rates

70mm super thick insulation layer design, double door seals and 2 inner doors provide improved thermal insulation and reduced energy consumption. The pull down rate from ambient is 250 minutes (from 25°C to -40°C at the center point of cabinet).



Porthole

There are two access ports on the back of the freezer, which is convenient for users to test independently.



Security Lock

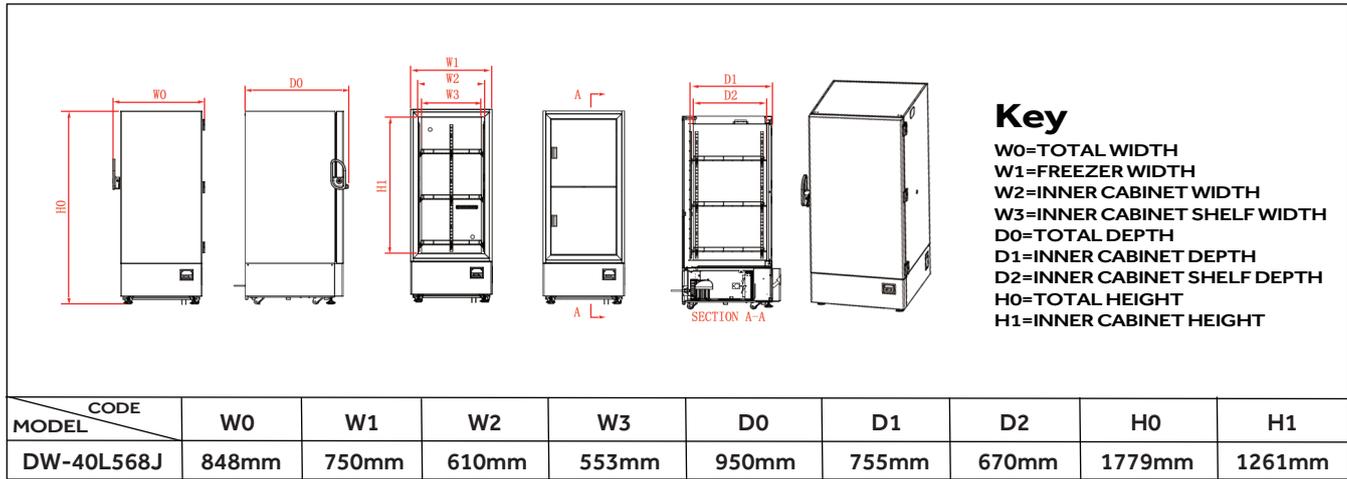
It is equipped with mechanical door lock which can be padlocked for additional security.



Multiple Interface Options

Standard configuration: Remote alarm interface
Optional configuration: Temperature recorder, RS485 or USB.

Product Dimensions



Specifications



| DW-40L568J | | | | | | | | |
|-----------------|----------------------------|----------------|--------------|--------------------------|---|----------------------|----------------|----|
| Technical Data | Cabinet Type | Upright | | Dimensions | Exterior Dimension (W*D*H) | mm | 848*951*1780 | |
| | Climate Class | SN N | | | | in | 33.4*37.4*70.1 | |
| | Cooling Type | Direct cooling | | | Packing Dimension (W*D*H) | mm | 900*1035*1910 | |
| | Defrost Mode | Manual | | | | in | 35.4*40.7*75.2 | |
| | Refrigerant | HC | | | Container Load (20'/40'/40'H) | | 12/26/26 | |
| | Sound Level (dB (A)) | 44 | | | Alarms | High/Low Temperature | | Y |
| Performance | Cooling Performance (°C) | -40 | | Remote Alarm | | Y | | |
| | Temperature Range (°C) | -20 ~ -40 | | Power Failure | | Y | | |
| Control | Controller | Microprocessor | | Sensor Error | | Y | | |
| | Display | LCD | | High Ambient Temperature | | Y | | |
| Electrical Data | Power Supply (V/Hz) | 220 ~ 240/50 | | Accessories | Caster | | Y | |
| | Power (W) | 340 | | | Foot | | Y | |
| | Electrical Current (A) | 2.8 | | | Porthole | | Y | |
| Dimensions | Capacity (L/Cu.Ft) | 568/20.1 | | | Drawers/Inner Doors | | -/2 | |
| | Net/Gross Weight (approx) | kg | 190/215 | | USB Interface | | Optional | |
| | | lbs | 418.9/474 | | Temperature Recorder | | Optional | |
| | Interior Dimension (W*D*H) | mm | 610*755*1260 | | 16 Plastic blood bag drawers + 3 stainless steel plates | | Optional | |
| | | in | 24*29.7*49.6 | | Other | | Certification | CE |

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