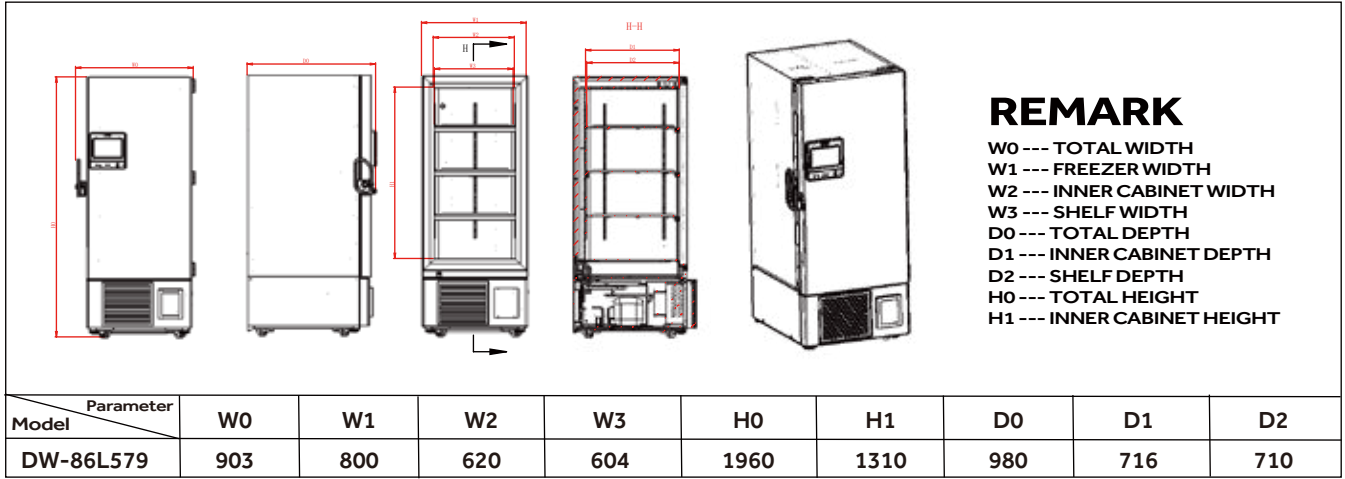
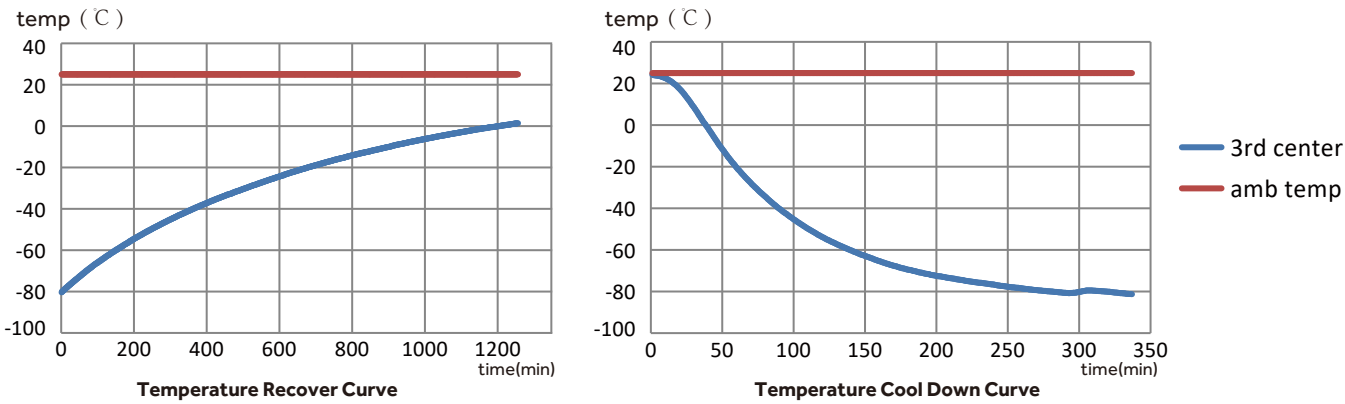


Typical Performance Characteristics in 25 °C Ambient



Specifications

| DW-86L579       |                              |       |                |  |
|-----------------|------------------------------|-------|----------------|--|
| Technical Data  | Cabinet Type                 |       | Upright        |  |
|                 | Climate Class                |       | N              |  |
|                 | Cooling Type                 |       | Direct cooling |  |
|                 | Defrost Mode                 |       | Manual         |  |
|                 | Refrigerant                  |       | HC             |  |
| Performance     | Sound Level(dB(A))           |       | 47             |  |
|                 | Cooling Performance(°C)      |       | -86            |  |
|                 | Temperature Range(°C)        |       | -40~-86        |  |
| Control         | Controller                   |       | Microprocessor |  |
|                 | Display                      |       | LCD            |  |
| Electrical Data | Power Supply(V/Hz)           |       | 220~240/50     |  |
|                 | Power(W)                     |       | 1000           |  |
|                 | Electrical Current(A)        |       | 5.5            |  |
| Dimensions      | Capacity(L/Cu.Ft)            |       | 579/20.45      |  |
|                 | Net/Gross Weight(approx)     | (kg)  | 300/330        |  |
|                 |                              | (lbs) | 661.4/727.5    |  |
|                 | Interior Dimension(W*D*H)    | (mm)  | 620*716*1310   |  |
|                 |                              | (in)  | 24.4*28.2*51.6 |  |
|                 | Exterior Dimension(W*D*H)    | (mm)  | 903*980*1960   |  |
|                 |                              | (in)  | 35.6*38.6*77.2 |  |
|                 | Packing Dimension(W*D*H)     | (mm)  | 950*1055*2130  |  |
|                 |                              | (in)  | 37.4*41.5*83.9 |  |
|                 | Container Load(20'/40'/40'H) |       | 12/24/24       |  |
| Functions       | High/Low Temperature         |       | Y              |  |
|                 | Hot Condenser                |       | Y              |  |
|                 | Power Failure                |       | Y              |  |
|                 | High/Low Voltage             |       | Y              |  |
|                 | Sensor Error                 |       | Y              |  |
| Accessories     | Low Battery                  |       | Y              |  |
|                 | High Ambient Temperature     |       | Y              |  |
|                 | Door Ajar                    |       | Y              |  |
|                 | Caster                       |       | Y              |  |
|                 | Foot                         |       | Y              |  |
| Other           | Porthole                     |       | Y/2            |  |
|                 | Shelves/ Inner Doors         |       | 3/4            |  |
|                 | USB Interface                |       | Y              |  |
|                 | Remote Alarm                 |       | Y              |  |
|                 | 5V Power Supply Port         |       | Y              |  |

ULT Freezer  
DW-86L579

Making Your Lab More Intelligent and Reliable

**Intelligent Management**  
10-inch touch screen, equipped with a single version management system, ensuring materials partition management and intelligent access.

**Safe Storage**  
Temperature uniformity $\leq\pm4^{\circ}\text{C}$ , equipped with intelligent temperature monitoring system, real-time temperature data monitoring function and perfect safety alarm system.

**Energy Saving and Environmentally Friendly**  
The optimized hydrocarbon refrigeration system with independent intellectual property rights is more energy-saving and environmentally friendly, saving more than 30% of electricity, and has obtained Energy Star certification.

Qingdao Haier Biomedical Co.,Ltd.

No.280 Feng Yuan Road, High-tech Zone,  
Qingdao, 266109, P.R. China  
Tel: +86-0532-88935955  
Website: [www.haiermedical.com](http://www.haiermedical.com)



## Product Advantages

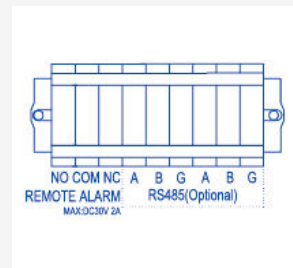


### Intelligent Large Screen Visual Management

10-inch high-performance LCD capacitive screen, sensitive touch operation; intuitive display of inside temperature, ambient temperature, input voltage and other data and temperature curves.

### Equipped with Multiple Interfaces

- Standard USB interface, capable of storing data for 10 years
- Standard remote alarm terminal and RS485 port



### Safety Management and Control System, Providing Multiple Guarantees

Password lock, fingerprint module (optional), punch card module (optional), face recognition (optional), the system has multi-person management control options, safe, secure and reliable.

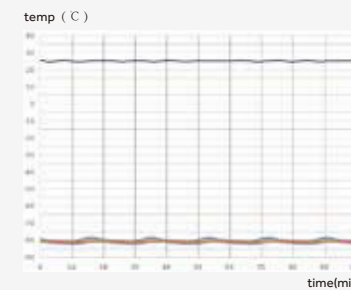
### Optional IoT System Real-time Monitoring

The IoT APP can monitor the operating status of the equipment anytime and anywhere. The unit is equipped with self-diagnose system faults and alarm functions, ensuring sample safety.



### Multiple Alarm Functions, More Safe and Secure

Designed and manufactured with multiple alarm functions, such as high temperature alarm, low temperature alarm, sensor failure alarm, power failure alarm, low battery alarm, door ajar alarm and high ambient temperature alarm to name a few.



### Precise Temperature Control, Safe & Secure Storage

The setting temperature is adjustable between -40 ~ -86°C, monitoring temperature curves in real time, and the temperature safety alarm system is the latest design and state-of-the-art technology.

### High-efficiency and Energy-saving Compressor

Adopting high-efficiency HC compressor and optimized refrigeration system, safe and secure.



## Ergonomic Design



### Narrow Door Design

The freezer can pass through an 750mm wide door when the door is open



### New Handle Design

Adopting exclusive slide design, easy to open and close the door



### Pressure Equalization Port

Equipped with pressure equalization port for easy opening



### Porthole

Two portholes as standard, allows for independent testing of cabinet temperature



### Filter Design

Tool-free removable filter design, easy and quick to clean the filter



### Detachable Inner Door Design

Tool-free detachable inner door, ensuring easy and quick defrost