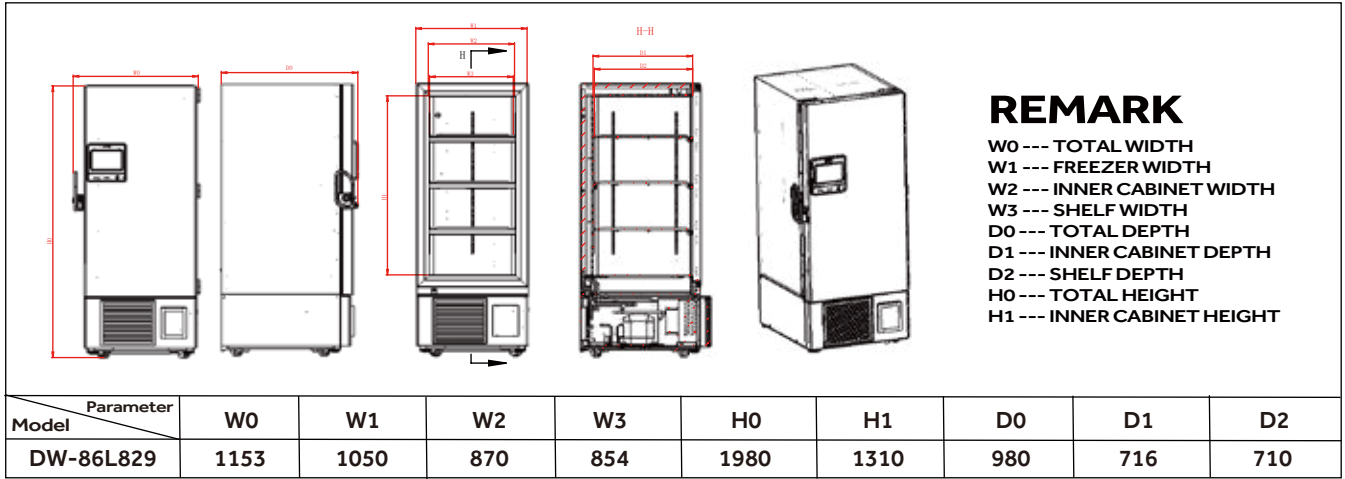
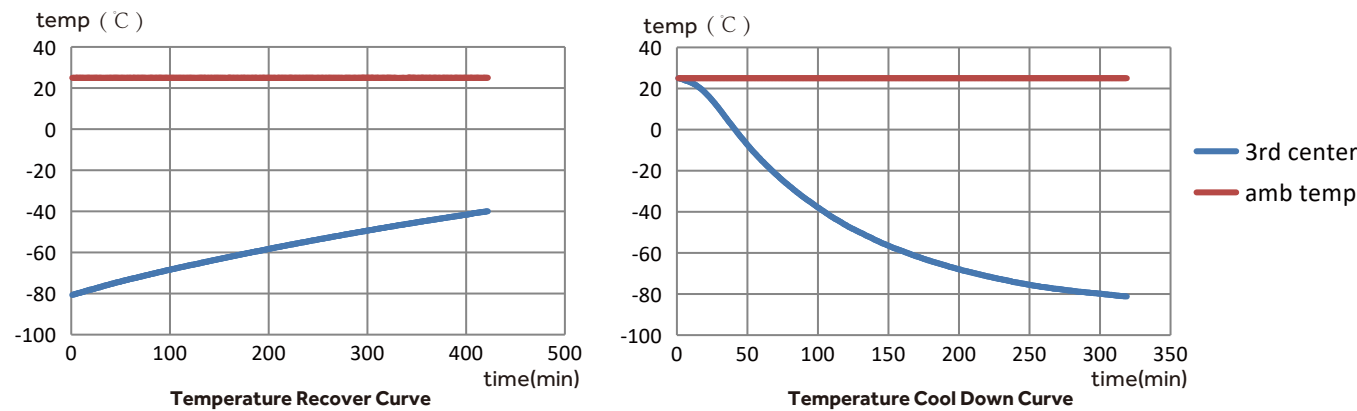


Typical Performance Characteristics in 25 °C Ambient



Specifications

DW-86L829				
Technical Data	Cabinet Type		Upright	
	Climate Class		N	
	Cooling Type		Direct cooling	
	Defrost Mode		Manual	
	Refrigerant		HC	
Performance	Sound Level(dB(A))		52	
	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)		1700	
	Electrical Current(A)		10	
Dimensions	Capacity(L/Cu.Ft)		829/29.3	
	Net/Gross Weight(approx)	(kg)	380/410	
		(lbs)	837.7/903.9	
	Interior Dimension(W*D*H)	(mm)	870*716*1310	
		(in)	34.3*28.2*51.6	
	Exterior Dimension(W*D*H)	(mm)	1153*980*1980	
		(in)	45.4*38.6*78.0	
	Packing Dimension(W*D*H)	(mm)	1190*1045*2150	
		(in)	46.9*41.1*84.6	
	Container Load(20'/40'/40'H)		10/20/20	
Functions	High/Low Temperature		Y	
	Hot Condenser		Y	
	Power Failure		Y	
	High/Low Voltage		Y	
	Sensor Error		Y	
	Low Battery		Y	
	High Ambient Temperature		Y	
	Door Ajar		Y	
	Caster		Y	
	Foot		Y	
Accessories	Porthole		Y/2	
	Shelves/ Inner Doors		3/4	
	USB Interface		Y	
	Remote Alarm		Y	
	5V Power Supply Port		Y	
	Temperature Chart Recorder		Optional	
	RS485 Port		Standard	
	CO2 Backup System		Optional	
	LN2 Backup System		Optional	
	Other Certification		CE	

ULT Freezer
DW-86L829



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 $\leq\pm 5^{\circ}\text{C}$, 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.

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Qingdao, 266109, P.R. China
Tel: +86-0532-88935955
Website: 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.

Stored Items(materials) Management System

An accurate stored items management system was developed for users who don't use freezer racks, boxes and vials, the system easily records the items locations, entry and exit records and largely facilitate item inventory and statistics.



Single version(standard)

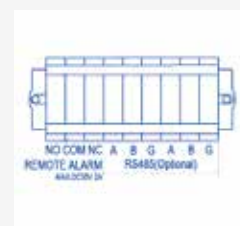


Professional version(optional)

The stored item management system was developed for users who use freezer racks, boxes and vials, the system can easily record the item locations, entry and exit records, facilitate item inventory and statistics with multi-screen interaction and reduce errors through secondary verification.

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.



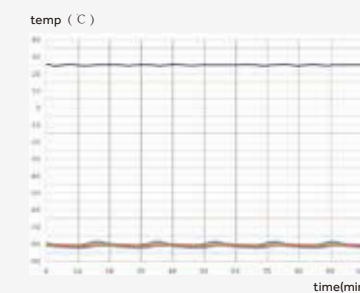
Optional IoT System Real-time Monitoring

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.

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