



PRODUCT BROCHURE · HAIER BIOMEDICAL

Haier Frequency-Conversion -86°C Upright ULT Freezer , 579 L

SKU DW-86L579BPT · Cold Storage · ULT Freezers



QUICK VIEW

The Haier DW-86L579BPT is a -86°C upright ultra-low freezer driven by two variable-speed (frequency-conversion) compressors whose control algorithm

SOURCING

Authorized U.S. distributor

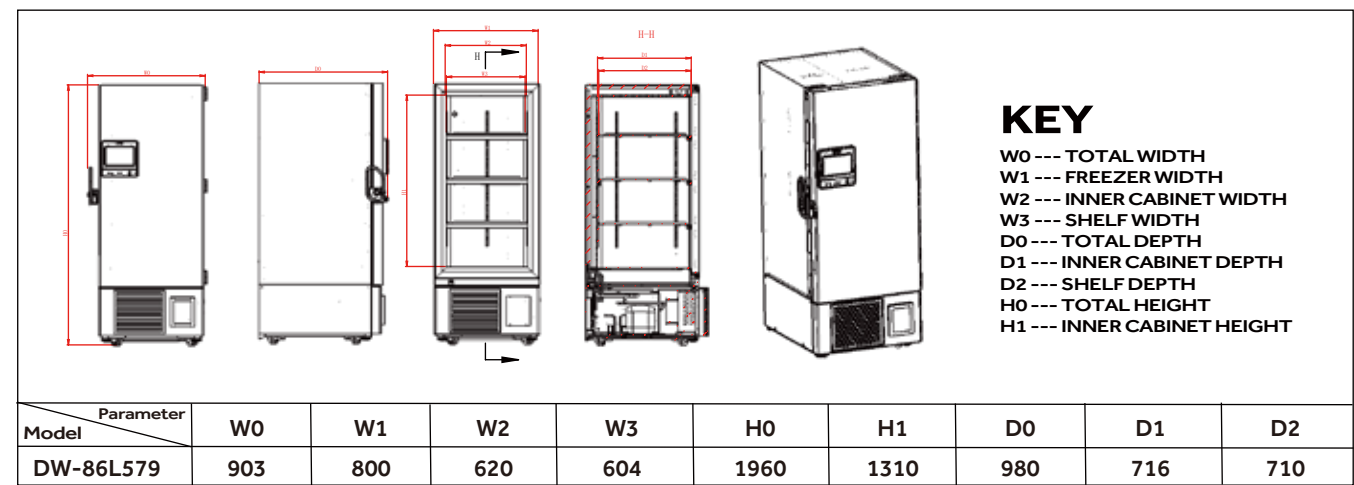
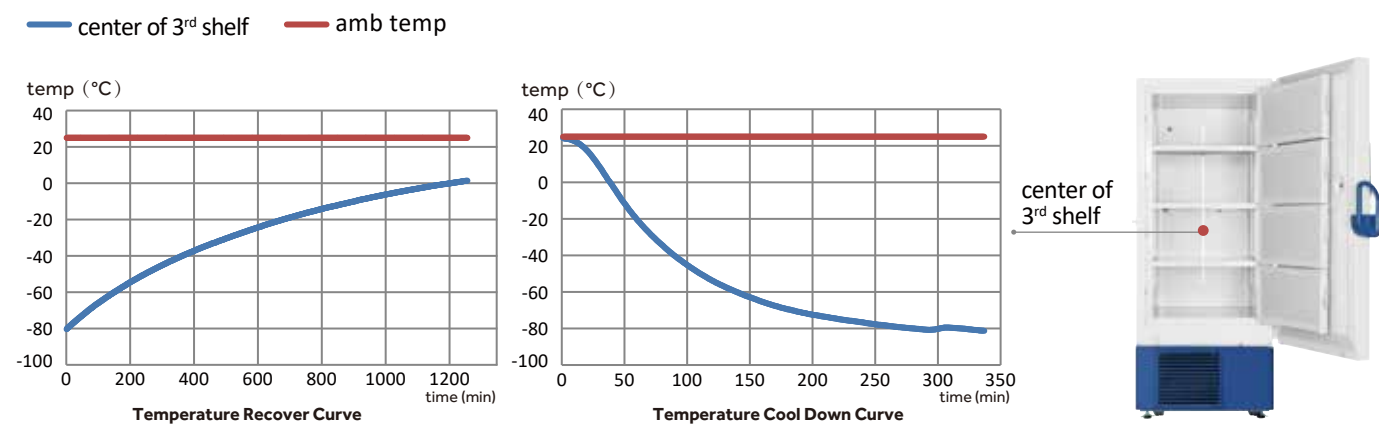
Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours



ULT Freezer DW-86L579

Typical Performance Characteristics in 25°C Ambient



Specifications

DW-86L579						
Technical Data	Cabinet Type		Upright	Functions	High/Low Temperature	Y
	Climate Class				Hot Condenser	Y
	Cooling Type				Power Failure	Y
	Defrost Mode				High/Low Voltage	Y
	Refrigerant				Sensor Error	Y
Performance	Sound Level (dB (A))		47	Low Battery	Y	
	Cooling Performance (°C)		-86	High Ambient Temperature	Y	
Control	Temperature Range (°C)		-40~-86	Door Ajar	Y	
	Controller		Microprocessor	Caster	Y	
Electrical Data	Display		LCD	Foot	Y	
	Power Supply (V/Hz)		220~240/50	Porthole	Y/2	
	Power (W)		1000	Shelves/ Inner Doors	3/4	
Dimensions	Electrical Current (A)		5.5	USB Interface	Y	
	Capacity (L/Cu.Ft)		579/20.45	Remote Alarm	Y	
	Net/Gross Weight (approx)	kg	300/330	5V Power Supply Port	Y	
		lbs	661.4/727.5	Temperature Chart Recorder	Optional	
	Interior Dimension (W*D*H)	mm	620*716*1310	RS485 Port	Standard	
		in	24.4*28.2*51.6	CO2 Backup System	Optional	
	Exterior Dimension (W*D*H)	mm	903*980*1960	LN2 Backup System	Optional	
		in	35.6*38.6*77.2	Other	Certification	
	Packing Dimension (W*D*H)	mm	950*1055*2130		CE	
		in	37.4*41.5*83.9			
Container Load (20'/40'/40'H)			12/24/24			

Haier Biomedical

Haier Biomedical
Intelligent Protection of Life Science

ULT Freezer
DW-86L579

Making Your Lab More Intelligent and Reliable

Intelligent Inventory Management
10-inch touchscreen with single version inventory management allows users to easily record item locations, entry and exit records for intelligent stock management.

Safe and Reliable Storage
Temperature uniformity $\leq \pm 4^{\circ}\text{C}$, equipped with an intelligent temperature monitoring system, real-time temperature data monitoring function and multiple safety alarm system.

Energy Saving and Environmentally Friendly
The optimized hydrocarbon refrigeration system is more environmentally friendly and uses significantly less energy than older technologies, saving up to 30% on electricity. ENERGY STAR certified.

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Ergonomic Design



Narrow Door Design

The freezer can pass through a 830mm wide door when the freezer 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, making it easy and quick to clean the filter



Detachable Inner Door Design

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



Product Advantages

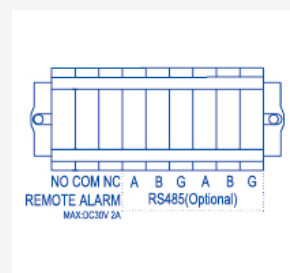


Large Intelligent LCD Screen Visual Management

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



Multiple Options for Safe Management and Control Systems

Password lock as standard with optional fingerprint module, face recognition and punch card system. Multi-person management control option to ensure safe and secure storage.

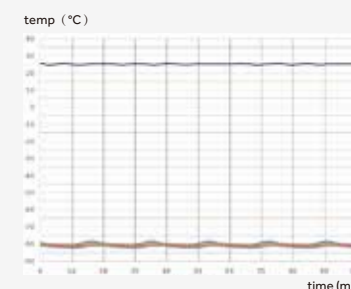
Optional IoT System Real-time Monitoring

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.



Safe and Secure with Multiple Alarms

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 ensures Safe 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, for safe and reliable cold storage of your samples.

