



PRODUCT BROCHURE · HAIER BIOMEDICAL

DW 86L729

6 models inside · Cold Storage · ULT Freezers



QUICK VIEW — SERIES AT A GLANCE

6 models in this document from Haier Biomedical. Full specifications inside.

MODELS IN THIS DOCUMENT

DW-86L829W · DW-86L959W · DW-86L578JA · DW-86L728BPST · DW-86L100J · ...

SHIP WEIGHT

849–915 lb

SOURCING

Authorized U.S. distributor

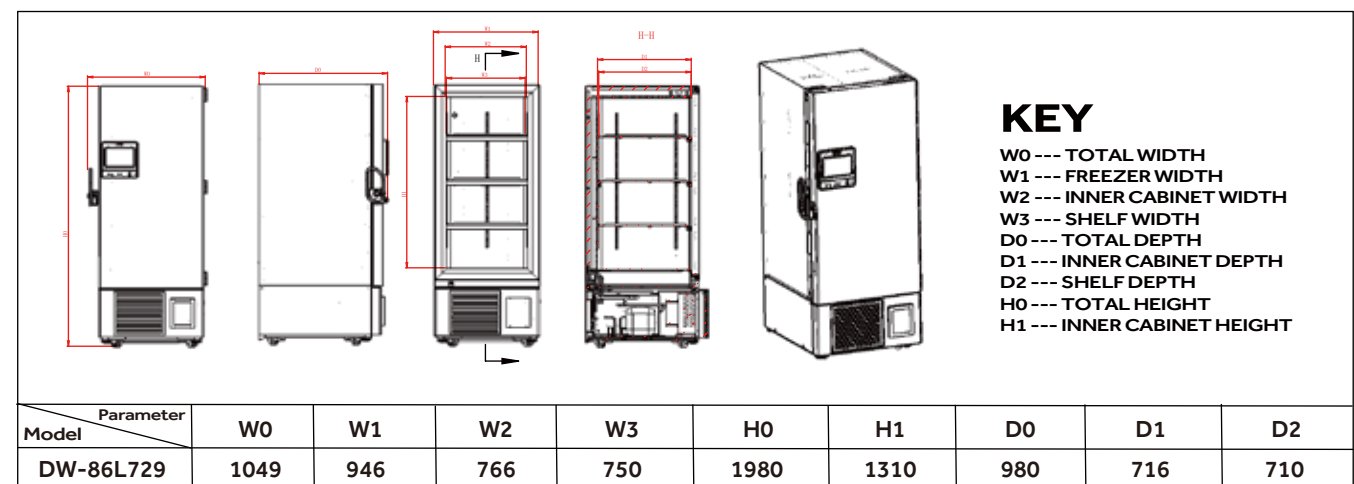
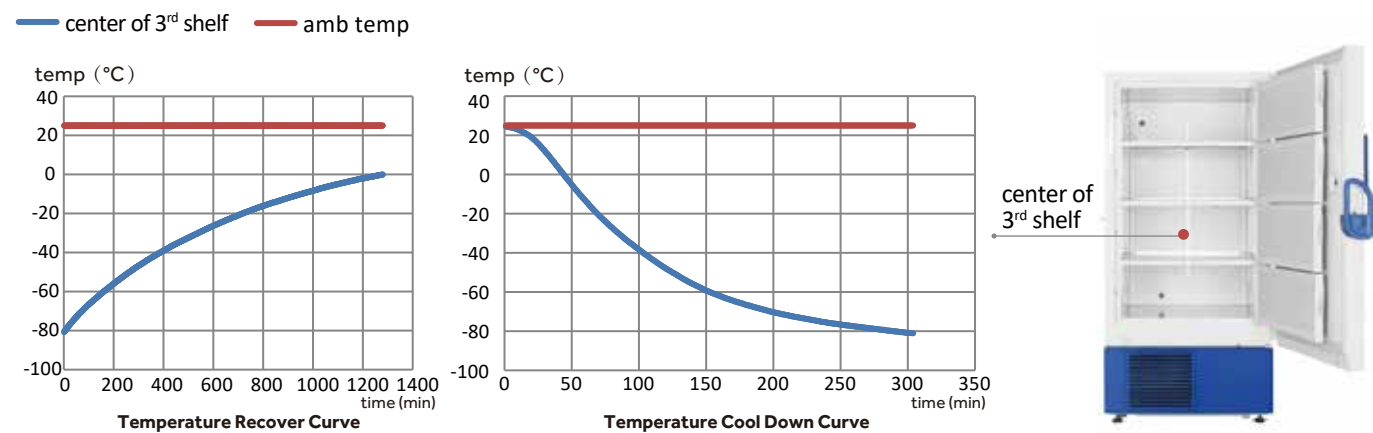
Distributed by Legacy Lab Supplies

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



ULT Freezer DW-86L729

Typical Performance Characteristics in 25°C Ambient



Specifications

DW-86L729							
Technical Data	Cabinet Type		Upright	High/Low Temperature	Y		
	Climate Class					N	
	Cooling Type						
	Defrost Mode						
	Refrigerant						
Performance	Sound Level (dB (A))		52	Sensor Error	Y		
	Cooling Performance (°C)		-86				
	Temperature Range (°C)		-40~-86				
Control	Controller		Microprocessor	Low Battery	Y		
	Display		LCD				
Electrical Data	Power Supply (V/Hz)		220~240/50	High Ambient Temperature	Y		
	Power (W)		1700				
	Electrical Current (A)		9				
Dimensions	Capacity (L/Cu.Ft)		729/25.75	Door Ajar	Y		
	Net/Gross Weight (approx)	kg	350/385			Caster	Y
		lbs	771.6/848.8				
	Interior Dimension (W*D*H)	mm	766*716*1310	Foot	Y		
		in	30.2*28.2*51.6				
	Exterior Dimension (W*D*H)	mm	1049*980*1980	Porthole	Y/2		
		in	41.3*38.6*78.0				
	Packing Dimension (W*D*H)	mm	1100*1105*2150	Shelves/ Inner Doors	3/4		
		in	43.3*43.5*84.6				
	Container Load (20'/40'/40'H)			10/20/20	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		

Haier Biomedical

Haier Biomedical
Intelligent Protection of Life Science

ULT Freezer
— DW-86L729

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 $\leq \pm 5^{\circ}\text{C}$, 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 880mm 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.

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.



Professional version (optional)



Single version (standard)

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



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.

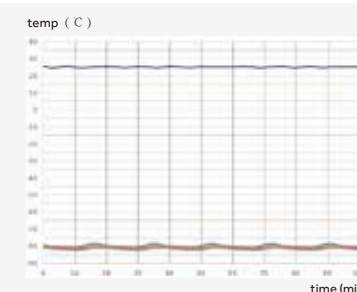
Optional IoT System Real-time Monitoring

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.