



PRODUCT BROCHURE · HAIER BIOMEDICAL

Haier -86°C Chest ULT Freezer , 420 L / 220V

SKU DW-86W420JA · Cold Storage · ULT Freezers



QUICK VIEW

The Haier DW-86W420JA is a -86°C chest-style ultra-low freezer that trades vertical height for a stable, top-access cold well — a form factor prized

SOURCING

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-86°C ULT Freezer

— DW-86W100J



Product Application

Suitable for specialized medical institutes, scientific research institutes and biological production enterprises to store research reagents, restriction enzymes, DNA modifying enzymes, genes, organs and tissues as key examples.

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Product Advantages



Temperature Control

Microprocessor control, digital temperature display. The adjustable precision is 1 ° C. And the temperature in the unit is adjustable from -40°C to 86°C.



Security System

- Multiple fault alarms: High/Low temperature, sensor error, door ajar, condenser dirty, high ambient temperature & power failure alarms.
- Two types of alarms: Audible buzzer alarm & flashing light alarm.
- Multiple protection: Password protection & start-up delay protection.



Refrigeration System

- HC refrigeration system, energy consumption is reduced by more than 30%, which reduces the user's sample storage costs.
- Optimized cascade refrigeration technology, coupled with advanced compressors, enhancing refrigeration capacity.
- High density insulation layer, superior insulation effect.
- Unique heat insulation system design, effectively eliminates frosting.



Specifications

DW-86W100J

DW-86W100J							
Technical Data	Cabinet Type		Chest	Loading Quantities	Container load (20'/40'/40'H)	12/24/48	
	Climate Class		N		Alarms	High/Low Temperature	Y
	Cooling Type		Direct cooling			Hot Condenser	Y
	Defrost Mode		Manual			Power Failure	Y
	Refrigerant		HC			High/Low Voltage	N/A
	Sound level (dB(A))		49			Sensor Error	Y
Performance	Cooling Performance (°C)		-86			Low Battery	Y
	Temperature Range (°C)		-40~-86			High Ambient Temperature	Y
Control	Controller		Microprocessor			Accessories	Door Ajar
	Display		LED		Caster		Y
Electrical Data	Power Supply (V/Hz)		220~240/50		Foot		Y
	Power (W)		550		Porthole		Y/1
	Electrical Current (A)		4	Shelves/Inner doors	-/1		
Construction	Capacity (L/Cu.Ft)		100/3.5	Certification	USB Interface		Y
	Net/Gross Weight (approx)	kg	138/160		Remote Alarm		Y
		lbs	304.2/352.7		Temperature Recorder		Optional
	Interior Dimension (W*D*H)	mm	470*450*480		Rs232/485 Interface		Optional
		in	18.5*17.7*18.9		CO2 Backup System		Optional
	Exterior Dimension (W*D*H)	mm	769*825*1120		LN2 Backup System		Optional
		in	30.3*32.5*44.1				
	Packing Dimension (W*D*H)	mm	845*855*1250				
		in	33.3*33.7*49.2				