

# -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		
	Climate Class			N		
	Cooling Type			Direct cooling		
	Defrost Mode			Manual		
	Refrigerant			HC		
	Sound level (dB(A))			49		
Performance	Cooling Performance (°C)			-86		
	Temperature Range (°C)			-40 ~ -86		
Control	Controller			Microprocessor		
	Display			LED		
Electrical Data	Power Supply (V/Hz)			220 ~ 240/50		
	Electrical Current (A)			4		
Dimensions	Capacity (L/Cu.Ft)			100/3.5		
	Net/Gross Weight (approx)	kg			138/160	
		lbs			304.2/352.7	
	Interior Dimension (W*D*H)	mm			470*450*480	
		in			18.5*17.7*18.9	
	Exterior Dimension (W*D*H)	mm			769*825*1120	
		in			30.3*32.5*44.1	
	Packing Dimension (W*D*H)	mm			860*880*1310	
in				33.9*34.6*51.6		
Container load (20'/40'/40'H)				14/28/56		
Alarms	High/Low Temperature			Y		
	Hot Condenser			Y		
	Power Failure			Y		
	High/Low Voltage			N/A		
	Sensor Error			Y		
	Low Battery			Y		
	High Ambient Temperature			Y		
	Door Ajar			Y		
	Accessories	Caster			Y	
		Foot			Y	
Porthole				Y/1		
Shelves/Inner doors				-/1		
USB Interface				Y		
Remote Alarm				Y		
Temperature Recorder				Optional		
Rs232/485 Interface				Optional		
Certification	CO2 Backup System			Optional		
	LN2 Backup System			Optional		
CE				Y		

\*Haier Biomedical reserves the right to change products and specifications without prior notice.