

Haier Biomedical

-86°C Ultra Low Temperature Freezer

Energy-Saving Series

Hydrocarbon refrigeration, saving power by 50%

Purposes/Scope of Application

- Used to store viruses, pathogens, red blood cells, white blood cells, skin, bones, bacteria, semen, biological products, ocean products and electronic devices, and to carry out low temperature tests for special materials.
- Suitable for blood stations, hospitals, disease control and prevention centers, scientific research institutions, and all kinds of medical and life science laboratories.

Friendly Design



Fault alarm

Fault alarm: door opening, high and low temperature, dirty condenser, low battery sensor, power failure, ambient temperature out of limits and a variety of other fault alarms; real-time display of voltage and ambient temperature, guaranteeing a stable operating environment.



USB data storage (standard configuration):

Being able to store temperature, voltage, ambient temperature, door opening times and alarm data for more than 10 years and supporting download and query on the computer at any time.



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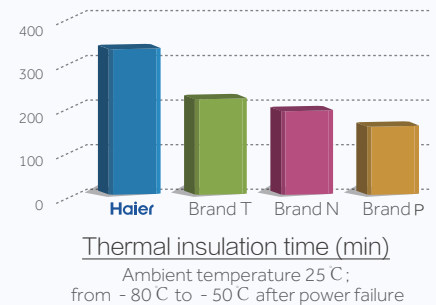
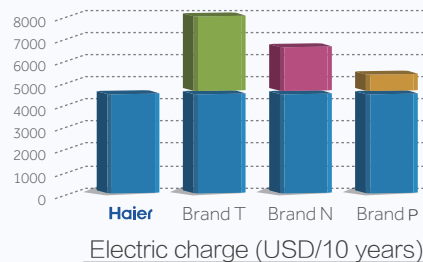
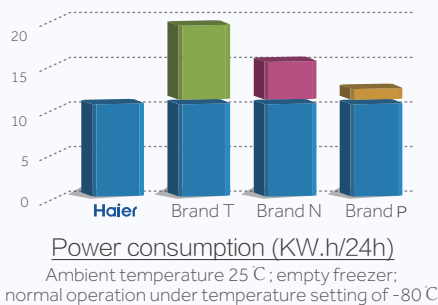
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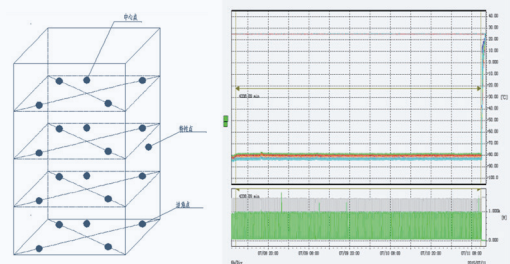
Hydrocarbon Refrigeration System

- Imported ultra-quiet hydrocarbon refrigeration system, reducing energy consumption by more than 30% under the same storage capacity, and saving the cost of sample storage.
- Patented freezer opening design in combination with optimized VIP thermal insulation technology, improving the thermal insulation efficiency by 20%.



More uniform temperature, guaranteeing the security of each sample

QTC National Electrical and Electronic Safety Quality Supervision and Inspection Center report: all test points are within the temperature setting range of -80 °C ~ 5 °C with uniformity of ± 5 °C; in compliance with the biopharmaceutical customers' stringent requirements.



Specifications



Model			DW-86L338J			DW-86L490J			DW-86L578J			DW-86L728J			DW-86L828J	
Technical Data	Cabinet Type		Upright			Upright			Upright			Upright			Upright	
	Climate Class		N			N			N			N			N	
	Cooling Type		Direct Cooling			Direct Cooling			Direct Cooling			Direct Cooling			Direct Cooling	
	Refrigerant		HC			HC			HC			HC			HC	
	Noise(dB(A))		50			50			50			50			50	51.5
Performance	Cooling Performance(°C)		-86			-86			-86			-86			-86	
	Temperature Range(°C)		-40~-86			-40~-86			-40~-86			-40~-86			-40~-86	
Control	Controller		Microprocessor			Microprocessor			Microprocessor			Microprocessor			Microprocessor	
Electrical Data	Power Supply(V/Hz)		220-240/50	115/60	208-230/60	220~240/50	115/60	208~230/60	220~240/50	115/60	208-230/60	220~240/50	115/60	208-230/60	220~240/50	208~230/60
	Power(W)		650	700	1000	900	1000	750	1000	1000	1000	1000	1000	1000	1000	1000
Dimensions	Capacity(L/Cu.Ft)		338/11.9			490/17.3			578/20.4			728/25.7			828/29.2	
	Net/Gross Weight(approx)	(kg)	238/278			295/335			300/330			345/385			380/410	
	Interior Dimension(W*D*H)	(mm)	465*630*1165			590*630*1310			620*716*1310			766*716*1310			870*716*1310	
	Exterior Dimension(W*D*H)	(mm)	812*893*1846			860*900*1980			895*980*1960			1041*980*1980			1145*980*1980	
	Container Load(20'/40'/40'H)		12/24/24			12/24/24			12/24/24			12/20/20			8/20/20	
Functions	High/Low Temperature, Hot Condenser, Power Failure, Sensor Error, Low Battery, High Ambient Temperature, Door Ajar															
Accessories	Standard	Caster, Foot, Porthole, Shelves/ Inner Doors, USB Interface, Remote Alarm, 5V Power Supply Port														
	Optional	Temperature Chart Recorder, RS232/485 Port , CO2 Backup System, LN2 Backup System														
Other	Certificate		CE	UL	CE	UL	CE	UL	CE	UL	CE	UL	CE	UL	CE	UL