

DW-HW50 (Smart Freezer)



Precise Temperature Control and Safe Storage

Microprocessor-based temperature controller, -10°C~-86°C can be set freely with precision at 1°C.



Visual & Audio Alarm system

High/low temperature alarm, power failure alarm, low battery alarm, door ajar alarm, high air temperature alarm, communication failure alarm.



Refrigeration System

Applied Secop (Danfoss) compressor, 1 unit to reduce noise and improve the cooling temperature come to -86°C stably.

Fan electromotor with internationally famous of Germany EBM, energy saving, high efficiency, and quiet.



Equipped with DC/DC power management module, optimized energy saving; High-precision voltage control, stabilizing the voltage and refrigerator performance Reduce the redundancy heat, completely eradicate overheating risk





Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-sea fishing companies, etc.

-86°C Ultra-low Temperature Freeze	er
Model	DW-HW50
Cabinet Type	Chest
Capacity(L)	50
Internal Size(W*D*H)mm	430*305*425
External Size(W*D*H)mm	650*606*1080
Package Size(W*D*H)mm	740*670*1257
NW/GW(Kgs)	82/102
Performance	
Temperature Range	-10~-86°C
Ambient Temperature	16-32°C
Cooling Performance	-86°C
Climate Class	N
Controller	Microprocessor
Display	LED
Refrigeration	
Compressor	1pc
Cooling method	Direct cooling
Defrost Mode	Manual
Refrigerant	Mixture gas
Insulation Thickness(mm)mm	130
Construction	
External Material	Steel plates with spraying
Inner Material	Stainless steel
Door Lock with key	Yes
External lock	Yes
Access test port	1pc. Ø 24.5 mm
Casters	4
Data Logging/Time/Quantity	USB/Record every 1 minute / 365 days
Battery	48hours back-up battery
Door with heater	Hot gas heating
Alarm	
Temperature	High/Low temperature, High ambient temperature
Electrical	Power failure, Low battery
	Sensor error, Condenser cooling failure, Door ajar
System	Recorder error
Electrical	
Power Supply(V/HZ)	220/50, 220/60, 110/60
Rated Power(W)	650
Input Power(W)	970
Current Consumption(KWh/24h)	7.97
	4.49
Rated Current(A) Options	4.49

^{*}The model, parameters and performance specified in this brochure may be changed without prior notice because of product upgrading.

*There may be differences between the product images shown in this brochure and the actual products. When you are buying any product, please check the actual product.

