-86°C Ultra-low Temperature Freezer

Targeted Refrigeration • Fast Refrigeration Energy-saving & Environmentally Friendly Awarded with the Second Prize under State Technological Invention Award





DW-86HW50-V2 (Smart Freezer)

Precise Temperature Control and Safe Storage

Microprocessor-based temperature controller, -40°C~-86°C can be set freely with display accuracy at 0.1°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.

Energy Saving

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



High-precision Temperature Control

· Digital temperature display; display inner temperature, power and voltage, ambient temperature and more at the same time. ·2 inches high-brightness digital temperature display, microprocessor-based temperature controller, -40°C~-86°C can be set freely.



Refrigeration System

Applied with Secop (Danfoss) compressor, single compresor system with target mixture refrigerant to reduce noise and improve the cooling temperature come to -86°C stably and effectively.



Insulation System

- · The thickness of outer door insulation layer
- is equal to or greater than 90mm, · The thickness of insulation layer in refrigerator
- body is equal to or greater than 110mm.
- Perfectly lock air conditioning, effectively prevent the loss of cooling capacity.





Alarm system

 The perfect audible & visual alarm system: High/low temperature, senor error, power failure, low battery, door ajar, high ambient temperature, communication failure etc. Startup delay and stop interval protection function to ensure reliable operation; Keyboard lock and password protection function to prevent arbitrary adjustment of

operating parameters;

Safety door lock design, ensure safety sample storage.



Human-oriented

• The inner liner is made of stainless steel, resistant to corrosion and easy to clean.

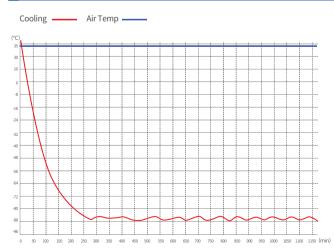
 • 4units Casters for easy handing.
• Front opening lockable door with full height handle, with vacuum release port for easy open during cooling operation.

Two-times foaming technology. 130mm foaming insulation with VIP board for better temperature performance.

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.





🗠 Eternal Dimension







🗱 Specification Chart

DW-86HW50-V2 Chest 50 430*305*425 650*606*1080 788*720*1283
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430*305*425 650*606*1080 788*720*1283
650*606*1080 788*720*1283
788*720*1283
7.4/101
74/101
-40~-86°C
16-32°C
-86°C
Ν
Microprocessor
Digital display
1pc
Direct cooling
Manual
Mixture gas
110
Steel plates with spraying
304Stainless steel
Yes
Optional
1pc. Ø 40 mm
4
USB/Record every 10 minute / 2 years
Yes
High/Low temperature,High ambient temperature
Power failure,Low battery
Sensor error, Condenser cooling failure Recorder error
230±10%/50
720
970
9
4.49
т.т

*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.

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