



Low Noise



Smart Internet
of Things



Energy Saving

Stirling ULT Freezer

Scope of Application

Applicable for products and samples which require strict storage conditions such as viruses, pathogens, red blood cells, skin, bones, bacteria, semen, biological products, ocean products, electronic devices and special materials. Suitable for long term storage applications and compliant with typical storage requirements found in blood stations, hospitals, disease control and prevention centers, scientific research institutions, biomedical engineering institutes etc.

Innovative Design

- Low Noise
- High Uniformity
- Smart Internet of Things
- Multiple Temperature Ranges
- Upgraded System and Loss Reduction
- Energy Saving and Environmental Protection

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Product Advantages



Energy Saving and Environmental Protection

Compared with the traditional overlapping system, Stirling refrigeration technology saving energy 30%, refrigerant reloading reduced 50%.



Smart Internet of Things

The Internet of Things app can be configured to monitor the running state of the refrigerator for 24 hours.



High Uniformity

The whole machine temperature uniformity $\pm 2^{\circ}\text{C}$.



Multiple Temperature Ranges

Application range $-20^{\circ}\text{C}\sim 32^{\circ}\text{C}$; full voltage configuration



Upgraded System and Loss Reduction

The refrigeration system is simplified and the failure rate is reduced.



Low Noise

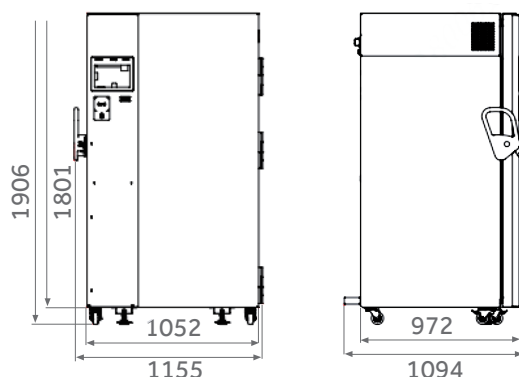
Quadruple damping scheme, the noise of the whole machine is below 45 decibels.

Ergonomic Design

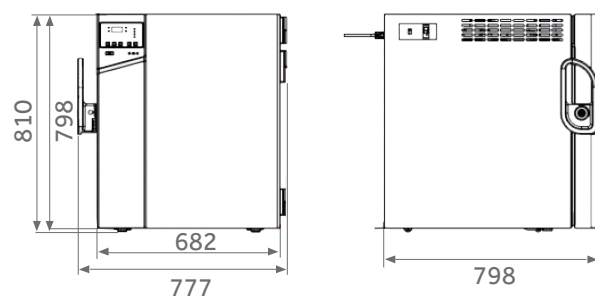
- The engine room is moved up, and the height of the storage space is reduced for easy access.
- Humanized Design: 10 inch LCD touch screen, intelligent human-computer interaction.
- Integrated cast aluminum handle, self-locking design, more convenient switching.

- Equipped with multiple security lock and multiple security guarantee, including secret lock, padlock, optional fingerprint lock, NFC punch lock.
- Multiple interface configurations: standard USB interface, RS485 interface.

Product Dimension Drawings



DW-86L829STL



DW-86L100STL

Specifications

Model	Pressure (V)	Power (W)	Temperature Range (V)	Exterior Dimension (W*D*H)(mm)	Interior Dimension (W*D*H)(mm)	Net Weight/ Gross Weight (kg)	Capacity (L)	Casters	Shelves/ Inner Doors	Certificate
DW- 86L829STL	Full voltage	1000	-40 ~-86	1155*972*1900	870*716*1310	360/390	829	4	3/4	CE, UL
DW- 86L100STL	Full voltage	300	-40 ~-86	777*798*810	440*445*506	90/110	100	4	1/2	CE, UL

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