

**DARSUN**  
SCIENTIFIC  
PRECISE | RELIABLE | ACCURATE

# Vertical Ultra-low Temperature Freezer -40°C ~ -86°C



**Product Overview**

Suitable for hospital, blood-bank, center for Disease Prevention, scientific research institution, bioengineering, Animal Husbandry industry, pelagic fishery, electronic and chemical industry, etc. Used for the refrigeration of red and white cell, skin, skeleton, germ, virus, seminal fluid, biological products and for low temperature testing of electron devices and special materials.

**Product Features****TEMPERATURE CONTROL SYSTEM**

Controlled by micro-computer, LCD display, touched screen; The inner temperature can be adjusted at the range of -40°C~-86°C, the temperature regulation accuracy is 0.1°C

**SECURITY CONTROL SYSTEM**

Multi malfunction alarms: high temperature alarm, low temperature alarm, sensor malfunction alarm, condenser dirty alarm, low battery alarm, power failure alarm, over pressure alarm, over ambient temperature alarm, open the door alarm and so on for safe use;  
Besides, you can check history alarming information and derive data. All the history data can be saved over 10 years;

Three alarming methods: buzzer alarming, independent icon alarming, and remote alarming;  
Protection function: compressor power-on delay protection, time between power off; overpressure protection, password protection and normal operation protection under failure mode;  
Password protection can prevent parameters from being changed randomly.

Display screen with running indication and communication status indication can show real-time operation of the freezer;

The power switch has two-way fuse over-current protection, together with the power-on indicator light ensure safety.

**REFRIGERATION SYSTEM**

Optimized cascade refrigeration technology, special evaporation system and condensation system, strong refrigerating efficiency;

International famous brand compressor and EBM fan electromotor and oil separator, stable product performance, strong refrigerating efficiency;

Enhanced sealing design: double door seal;

Heating-free pressure-balanced valve (patent), easy to open the door, keep the cold air and avoid the freezer on fire

**HUMANIZED DESIGN**

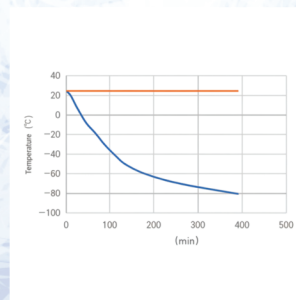
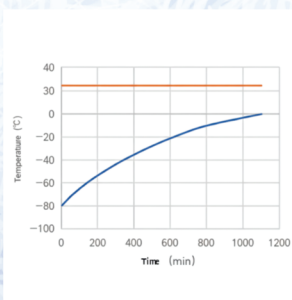
Unique handle design: the door can be opened by both hands, individual press lock on the handle and 2 padlocks;

Unique "Thin Body" (only DW-86L348) design and detachable handle help the freezer go through the narrow doors;

Wide voltage design can help it work stably under 198-254V;

Can show the temperature curve and history data, and have derive data function;

Press-out type dust removal screen with locks, simple and convenient for maintenance;

**Cooling Curve**

Model	Capacity (L)	Inner Temperature (°C)	Voltage (V/Hz)	Interior Dimension (mm) (W*D*H)	Exterior Dimension (mm) (W*D*H)	Package Dimension (mm) (W*D*H)	Shelf (pc)	Power (W)	Net/Gross Weight (Kg)
DS-86L66	66	-40~-86	~220V/50	320*480*430	850*760*762	931*841*895	1	400	120/150

