

DARSUN
S C I E N T I F I C

PRECISE | RELIABLE | ACCURATE

ULT Freezer -40°C



Specification

Construction

Inner made of electro galvanized steel with antimicrobial coating to prevent microbial growth.
Exterior of powder coated galvanized steel.

Temperature Control System

Microcomputer control, digital display, the inner temperature can be -20°C--40°C.
Temperature control system, you can set the temperature alarm according to requirements;
Display ambient temperature;
Memories function after power failure.

Security Control System

Multi malfunction alarms: high temperature alarm, low temperature alarm, sensor malfunction alarm, open the door alarm, power failure alarm and low battery alarm, the remote alarm is accessible;
Two alarming methods: buzzer alarming and digital flashing alarming;
Protection function: power-on delay, time between stops;
Keyboard lock function.

Refrigeration

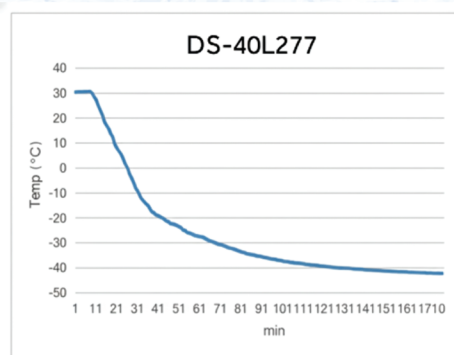
International famous brand compressor and EBM fan electromotor;
Thickened temperature preservation layer, ultra- microcellular foaming technology, outstanding temperature preservation.
CFC-free foaming, CFC-free refrigerant, more environmentally friendly;
Optimized evaporation system and condensation system, strong cooling, low energy consumption.

Humanized Design

Drawer design, convenient for deposit;
Pressure-balanced valve design, easy to open the door;
Safety door lock prevents arbitrary open;
Wide voltage design;
Caster design at the bottom, free to move and easy to fix;
LED digital temperature display in the door body, convenient for observation;
Wide climate zone design, suitable for the ambient temperature of 10-32°C;
Double sealed structure heating design prevents sealed strip from frosting.



Cooling Curve



Basic	Model No	DS-40L277
	Cabinet Type	Vertical
	Basket	4
	Lock with key	Yes
	Thermometer hole design	Yes
Technical Parameter	Door	1
	Cooling Type	Direct Cooling
	Ground Clearance (mm)	100/128
	Automatic/manual defrost	Manual
	Power(W)	340W
	Noise Level(db)	52
Temperature	Ambient temperature in which the freezer operates	10°C~32°C
	Temperature Range (C)	-20~-40°C
Controller	Temperature Controller	Electronic temperature controller
	Ambient temperature display	Yes
	Sensor Type	PT100/PT1000
Electronic parameter	Voltage / Frequency	220V/50Hz
	Capacity (L)	276
Size	Net/Gross Weight(Kg)	106/125 kg
	Package Dimension (W×D×H) mm	790×811×1928
	Outer Size (W*D*H)mm	717×710×1745
	Inner Size (W*D*H)mm	506×505×1205
Alarm features	High low temperature alarm -Buzzer alarm	Yes
	High low temperature alarm -Light alarm	Yes
	Sensor malfunction alarm -Buzzer alarm	Yes
	Sensor malfunction alarm -Light alarm	Yes
	Open the door alarm -Buzzer alarm	Yes
	Open the door alarm -Light alarm	Yes
	Power failure alarm -Buzzer alarm	Yes
	Power failure alarm -Light alarm	Yes
Connectivity	USB connection	Yes
	Battery backup for alarms (approx.72 hrs)	72 hours of power failure alarm, display the actual temperature in the box
	Direct download of logged data on USB memory stick	Yes
	The control panel locking	Yes
Utility & certificates	Castor	Universal wheels
	Adjustable legs	2
	Certification	ISO 9001, CE Certified, FDA, IEC 60601-1 & IEC 61010-1