-40°C Ultra-low Temperature Freezer

Strong Cooling · Precision Constant Temperature

DW-FL439

Refrigeration System

Fluorine-free refrigerant, international brand compressor, EBM fan, ensuring fast cooling and energy saving.

Temperature Control System

High-precision microcomputer temperature control system with build-in control/alarm sensors for high/low temperature, ambient temperature etc. ensuring the safe and stable running.

Energy Saving and Environmental Protection

Equipped with DC/DC power management module which greatly improved the energy-saving efficiency; high precision voltage control ensures the stable performance for the whole machine. Less redundant heat to eliminate the overheating safety hazard.

Human-oriented

- High-quality steel plate structure, anti-corrosion phosphating spray, ABS drawers;
- Low noise design, creating a comfortable working environment.

High-precision Temperature Control

· High-precision microcomputer temperature control system with build-in control/alarm sensors for High/low temperature, ambient temperature and evaporator temperature etc. ensuring the safe and stable running;
· 1 inch high brightness digital temperature display with 0.1°C display precision; the temperature can be set freely within the range of -20°C~40°C.

Refrigeration System

Equipped with SECOP high-efficiency compressor and international EBM fan, ensuring energy saving and silent running.

Alarm system

· Perfect audible and visual alarm system makes it safer for storage. Equipped with alarm functions including high/low temperature alarm, sensor failure,door ajar power failure,low battery etc;
· Specially equipped with external door handle and padlock to prevent unauthorized opening.

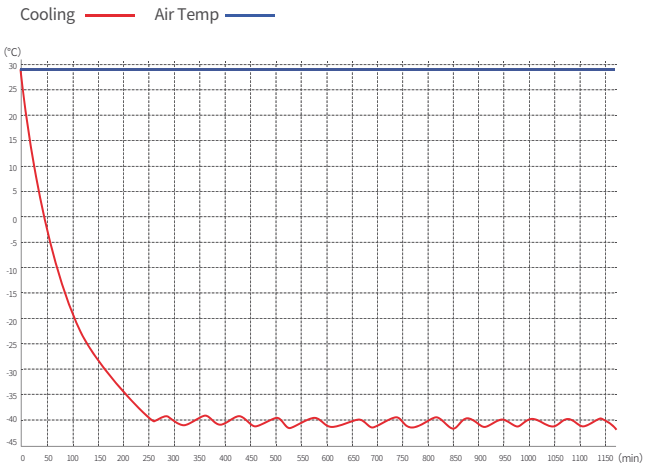
Human-oriented

· The interior is equipped with 7 layers of 14 ABS drawers, 2 for each layer, which is convenient for object storage;
· Standard 485 port, remote alarm port;
· 2 casters with brake located at the front bottom, 4 casters for the front and back.

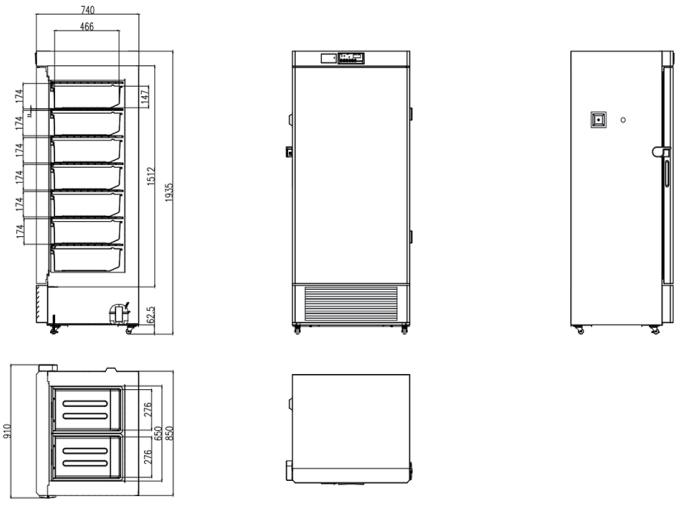
Scope of Application

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.

Performance Data / Cooling Curve



External Dimension



Specification Chart

-40°C Ultra-low Temperature Freezer	
Model	DW-FL439
Cabinet Type	Upright
Capacity(L)	439
Internal Size(W*D*H)mm	650*560*1305
External Size(W*D*H)mm	850*740*1935
Package Size(W*D*H)mm	990*855*2070
NW/GW(Kgs)	175/195
Performance	
Temperature Range	-20～-40°C
Ambient Temperature	16-32°C
Cooling Performance	-40°C
Climate Class	N
Controller	Microprocessor
Display	Digital display
Refrigeration	
Compressor	1pc
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	R507
Insulation Thickness(mm)	100
Construction	
External Material	Powder coated material
Inner Material	Stainless steel
Drawer	14(ABS)
External Lock	Yes
Access Port	1pc. Ø 25 mm
Casters	4(2 casters with brake)
Data Logging/Interval/Recording Time	USB/Record every 10 minutes / 2 years
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
Electrical	Power failure,Low battery
System	Sensor failure, USB datalog failure, Communication failure,Door ajar,Remote alarm
Electrical	
Power Supply(V/HZ)	220-240~/50
Power(W)	440
Power Consumption(KWh/24h)Rated	4.68
Current(A)	3.7
Accessories	
Standard	RS485,Remote alarm contact

*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.

MELING BIOLOGY & MEDICAL
Zhongke Meiling Cryogenics Co.,Ltd
www.melingbiomedical.com
zkmeiling@zkmeiling.com
No. 1862 Zishi Road, Hefei, Anhui, 230601, China