

-40°C Ultra-low Temperature Freezer

New Upgrade

Stable Performance • High Quality



DW - FL90



Brand New Appearance, the Second Generation of High-quality Product

The polyurethane foam door has great thermal insulation performance.

Multiple alarms ensure safety of storage

The freezer has multiple audible & visual alarm functions, such as high temperature/low temperature alarm, door ajar alarm, sensor failure alarm, etc. and can guarantee security of samples in a comprehensive way.

Temperature Control

The high-precision computerized temperature control system ensures an adjustable temperature within a range from -20 to -40°C inside the cabinet.





Control Panel

The high-definition digital temperature display can realize a temperature display precision of 0.1°C and is convenient for observation;



Alarm Upgrading

The high temperature/low temperature alarm, door ajar alarm, sensor failure alarm and can ensure security of samples comprehensively;



Alarm Upgrading

Equipped with USB data export interface, can export 100,000 sets of data;



Safety Lock

Equipped with safety lock to prevent the product from being opened maliciously;



Refrigeration System

The compressor supplied by a famous brand and high-efficiency refrigerant R290 can reduce energy consumption to a large extent;

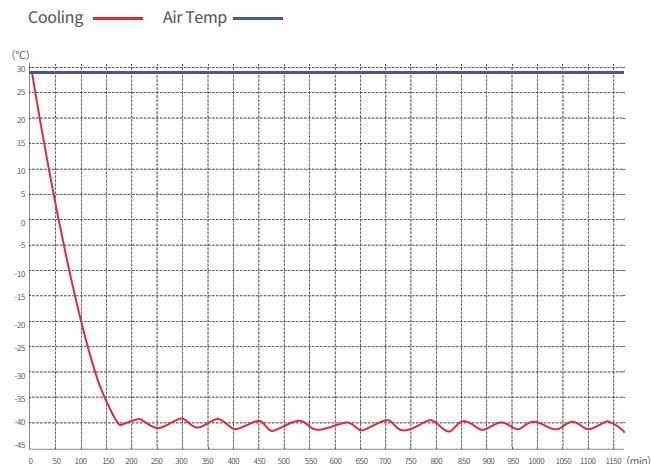
Human-oriented

The invisible door handle can prevent damage during transportation and save space;
The 3 drawers are convenient for separate storage of different types of things and can prevent cross influence among various things.

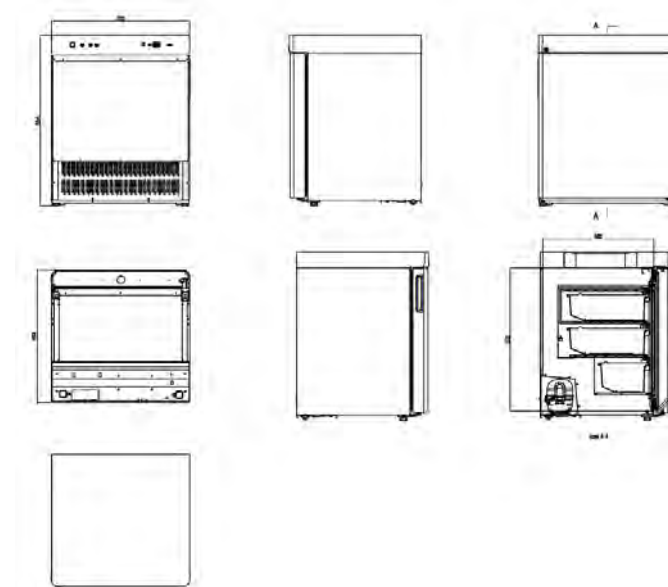
✓ Scope of Application

Suitable for freezing of ice bars and storage of various things needing refrigerated storage such as blood plasma, reagent, etc. Suitable for use in hospitals, clinics, health and disease prevention systems, blood banks, laboratories in colleges & universities, the frozen food industry and catering industry, etc.

🔗 Performance Data / Cooling Curve



📏 External Dimensions



-40°C Ultra low temperature Medical Freezer	
Model	DW-FL90
Cabinet Type	Upright
Capacity(L)	90
Internal Size(W*D*H)mm	500*485*532
External Size(W*D*H)mm	700*669*854
Package Size(W*D*H)mm	765*735*935
NW/GW(Kgs)	54/68
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	R290
Insulation Thickness(mm)	100
Construction	
External Material	PCM
Inner Material	Aluminum plate with spraying
Drawers	3(ABS)
Door Lock with Key	Yes
Padlock	Optional
Access Port	1pc. Ø 25 mm
Casters	2+(2 leveling feet)
Data Logging/Interval/Recording Time	USB/Record every 10 minutes / 2 years
Backup Battery	Yes
Alarm	
Temperature	High/Low temperature,High ambient temperature
System	Power failure
Construction	Sensor failure,Door ajar , Built-in USB datalogger failure, communication failure
Electrical	
Power Supply(V/HZ)	220-240~/50
Rated Current(A)	1.33
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.