

-40°C Ultra-low Temperature Freezer

Compressor Supplied by a Famous International Brand

One-key Fast Cooling

hospi



DW-FW150



Refrigeration System

- The Freon-free refrigerant, international famous brand compressor and fan can guarantee fast cooling and are energy-saving and environmentally friendly;
- The CFC-free Polyurethane foaming technology can ensure great thermal insulation performance.



Temperature Control System

The high-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



Human-oriented Design

- The high-quality steel plate structure, corrosion-resistant phosphate coating and stainless steel liner are low temperature tolerant and corrosion-resistant.;
- The low noise design can create a comfortable work environment.





Temperature Control System

- High precision microcomputer temperature control, more accurate;
- Chamber temperature can be set within a range from -20 to -40°C;
- High-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



Refrigeration System

- HCFC-free refrigerant, reliable compressor and fan supplied by international famous brand can guarantee fast cooling and are energy- saving and environmentally friendly;
- CFC free polyurethane foaming technology, perfect insulation performance. Hot gas surrounding line to prevent from condensation.



Security System

- The start delay and stopping interval protection function can ensure reliable operation ;
- The well-developed security system with multiple audible & visual alarm function : sensor failure alarm, high& low temperature alarm, power failure alarm, low battery alarm, condenser overheated alarm to ensure the safety sample storage ;
- Door with key lock to prevent opening without permission.
- Long times back-up battery for display and alarms system during power failure for supportive safety notification.



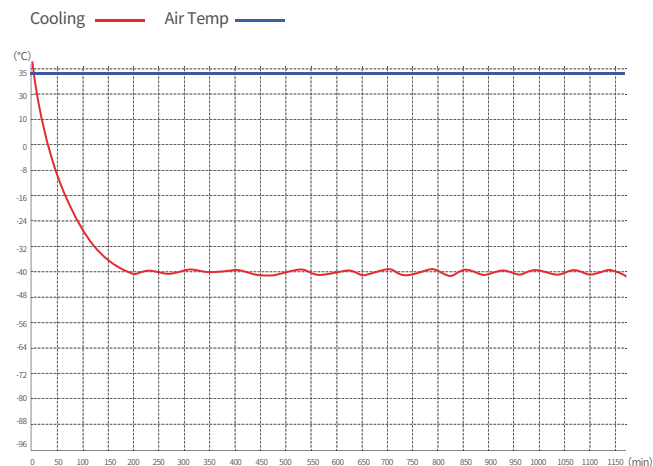
Human-oriented

- The design of upward door opening and the alancing door hinge facilitate door opening;
- High quality phosphate steel structural coating, stainless steel lining and easy cleaning, low noise design, 4 universal casters for easy movement, equipped with door locks to ensure sample safety.

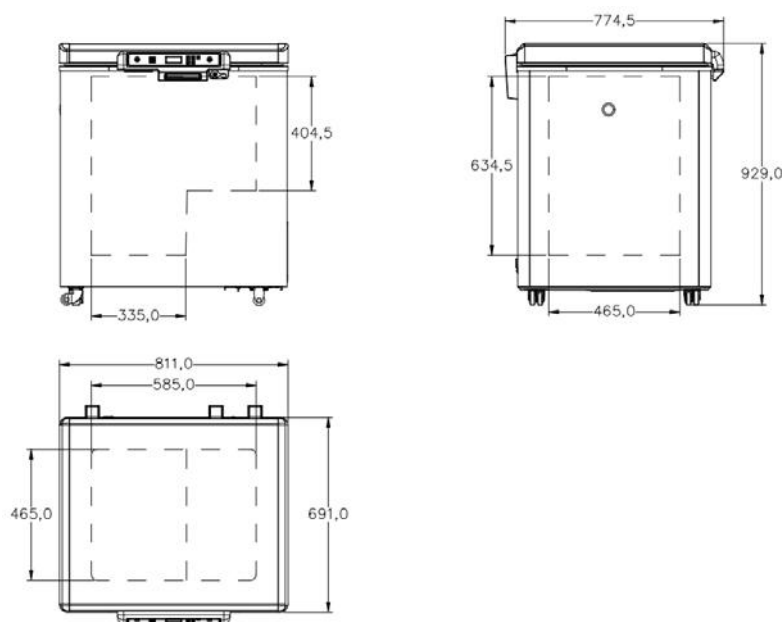
✓ Scope of Application

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 Dimensions





-40°C Ultra-low Temperature Freezer	
Model	DW-FW150
Cabinet type	Chest
Capacity (L)	150
Internal size(W*D*H) mm	585*465*651
External size(W*D*H) mm	811*775*929
Package size(W*D*H) mm	905*810*975 (wood packing)
NW/GW (Kgs)	60/96
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)	L/R: 110, B: 110
Construction	
External material	Cold rolled steel
Inner material	Stainless steel
Coated hanging basket	1
Door lock with key	Yes
Access port	1pc. Ø 25 mm
Casters	4 (2 casters with brakers)
Data logging/Memory capacity	USB/100,000 data
Backup battery	Yes
Alarm	
Temperature	High/Low temperature
Electrical	Power failure, low battery
System	Sensor failure
Electrical	
Power supply (V/HZ)	220-240~/50
Power (W)	156
Power consumption (KWh/24h)	1.91
Rated current(A)	1.02

*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.