

-60°C Deep Freezer

Powerful Refrigeration • Designed for Storage of Tuna



DW-GW150 / DW-GW270 / DW-GW360

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.

People-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 -30 to -60°C;
- High-precision microcomputer temperature control system and platinum resistor temperature sensors ensure more precise temperature control.



Refrigeration System

- HCFC-free refrigerant, international famous brand compressor and fan 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, 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.



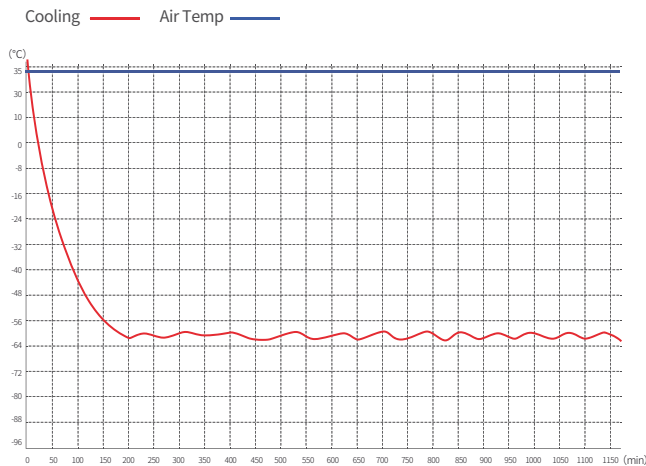
Human-oriented

- 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.

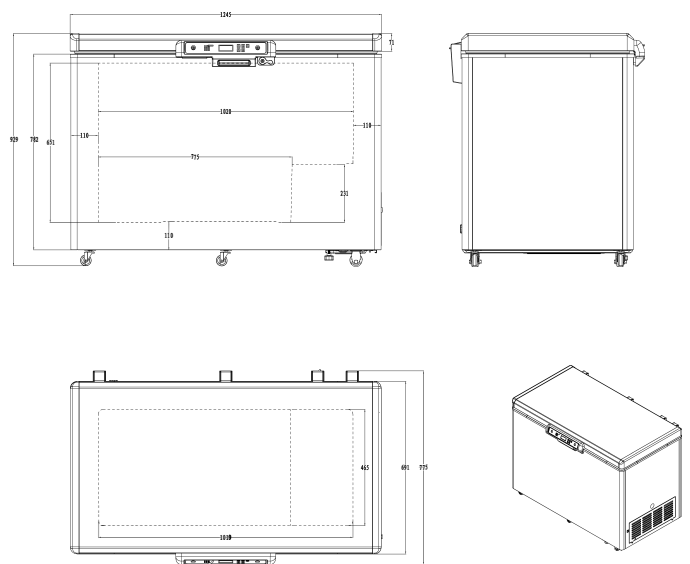
Scope of Application

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 (DW-GW270)



Specification Chart

-60°C Deep Freezer			
Model	DW-GW150	DW-GW270	DW-GW360
Cabinet Type	Chest	Chest	Chest
Capacity(L)	150	270	360
Internal Size(W*D*H)mm	585*465*651	1019*465*651	1308*465*651
External Size(W*D*H)mm	811*775*929	1245*775*929	1534*775*929
Package Size(W*D*H)mm	915*875*970	1349*875*970	1783*875*975
NW/GW(Kgs)	67/74	94/102	103/111
Performance			
Temperature Range	-30~-60°C	-30~-60°C	-30~-60°C
Ambient Temperature	16-32°C	16-32°C	16-32°C
Cooling Performance	-60°C	-60°C	-60°C
Climate Class	N	N	N
Controller	Microprocessor	Microprocessor	Microprocessor
Display	Digital display	Digital display	Digital display
Refrigeration			
Compressor	1pc	1pc	1pc
Cooling Method	Direct cooling	Direct cooling	Direct cooling
Defrost Mode	Manual	Manual	Manual
Refrigerant	Mixture gas	Mixture gas	Mixture gas
Insulation Thickness(mm)	110	110	110
Construction			
External Material	Spray cold rolled steel plate	Spray cold rolled steel plate	Spray cold rolled steel plate
Inner Material	Stainless steel	Stainless steel	Stainless steel
Coated Hanging Basket	1	1	1
Door Lock with Key	Yes	Yes	Yes
Foaming Lid	Optional	Optional	Optional
Access Port	1pc. Ø 25 mm	1pc. Ø 25 mm	1pc. Ø 25 mm
Casters	4 (2 casters with brake)	4 (2 casters with brake)	6 (2 casters with brake)
Backup Battery	Yes	Yes	Yes
Alarm			
Temperature	High/Low temperature	High/Low temperature	High/Low temperature
Electrical	Power failure,Low battery	Power failure,Low battery	Power failure,Low battery
System	Sennor failure	Sennor failure	Sennor failure
Electrical			
Power Supply(V/HZ)	220/50	220/50	220/50
Power(W)	352	354	462
Power Consumption(KWh/24h)	5.15	3.03	4.1
Rated Current(A)	2.29	2.43	2.2

*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.