

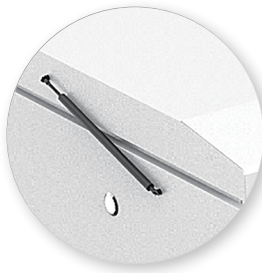
-86°C Chest Ultra Low Temperature Freezer

Application

- Offers optimal temperature conditions that needed in the medical and laboratory fields.
- Suitable for scientific research institutes, metal processing, biological engineering, blood stations, hospitals, health and epidemic prevention systems, university laboratories, military enterprises, etc.

Limits of Authority Management

- According to the needs of equipment management, different user permission of the freezer controller can be allocated to three levels: administrator, operator and visitor.



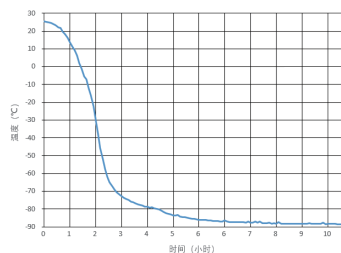
Side installed door opening air spring, can limit the door opening range, in order to convenient the operation of different height operator.
When the door was closed, it moving slowly to avoid safety risk of extrusion and collision.



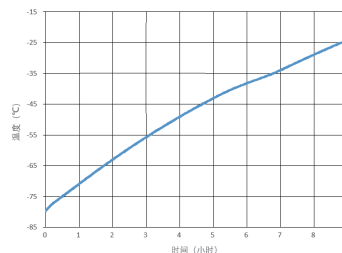
The position of temperature sensor was fixed, and installed with protection cage to keep distance between storage and chamber wall, in order to ensure the measurement accuracy.



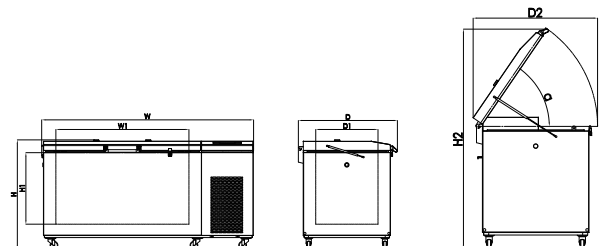
Equipped with mechanical lock, to ensure the safety of storage.



Temperature Decrease Curve



Temperature Rise After Power Off



Outline & Door Opening Dimension

Technical Features

- The frame consists of white coated antibacterial sheet steel, to ensure durable and corrosion resistant.
- Freezer inner side is made of SS304, allowing the perfect and easy cleaning.
- Easily to install or uninstall shelves, and the height of shelves can be adjusted in order to fit different size storage.
- 126mm Non HCFC polyurethane insulation foam and multi-layer sealing gasket can minimize the loss of refrigeration capacity.
- PU Castors silent and fixable, convenient to move and relocate.
- User friendly touch screen offers at a glance any control and command function, also allowing a quick access to any recorded data and working status.
- Good temperature uniformity.

Technical Specifications

Model	BDW-86W480	BDW-86W650
Temperature range [°C]	-50 - -86	
Nominal capacity [Liters]	480	650
Exterior dimensions [mm] W x D x H	2050 x 956 x 1135	2050 x 1147 x 1135
Interior dimensions [mm] W1 x D1 x H1	1310 x 589 x 637	1310 x 780 x 637
Door opening [mm] W2 x H2	956 x 1135	1147 x 1135
Insulation thickness [mm]	126	
Exterior finishing	White plastic coated galvanised steel	
Interior finishing	Stainless steel	
Mechanical lock	Yes	
Data logger	Yes	
Battery	Yes	
Interior chamber temperature probe	Yes	
Vent port	Yes	
Gasket heating	Yes	
Controller type	Touch screen	
Refrigerant type	Non HCFC	
Voltage/Frequency [V/Hz]	AC220/50	
Power [W]	1130	
Net Weight [kg]	350	420
High condenser temperature alarm	Yes	
Power failure alarm	Yes	
Temperature sensor failure alarm	Yes	
Low battery alarm	Yes	
High / Low temperature alarm	Yes	
Door open alarm	Yes	
Sound pressure [dBA]	≤53	
Cooling time [h]	≤5	
Temperature uniformity [°C]	≤3	