

# FAITHFUL

## -60°C Chest Deep Freezer

-60°C Deep Freezer is specially designed for long term storage of various biological products and deep sea foods. It can be installed in institutions including blood banks, hospitals, epidemic prevention services, research institutes and laboratories for electronic and chemical plants, biological engineering institutes and marine fishery companies.



### ■ Features Refrigeration System

Optimized cascade refrigeration technology, SECOP compressor to reach a high efficient refrigeration effect;  
Specially designed Heat Exchanger, heat transfer high efficient, save Energy;  
Single compressor efficient thermal cycle refrigeration technology, low noise, more energy efficient;  
CFC-Free overall polyurethane foaming insulation;  
CFC-Free refrigerant.

### ■ Temperature Control

Microprocessor control, Large LED display inner temperature clearly, and with easy viewing;  
The inner temperature can be adjustable at the range of  $-10^{\circ}\text{C}$ ~ $-65^{\circ}\text{C}$ ;

### ■ Safety Control

Malfunction alarms: high temperature alarm, low temperature alarm, over temperature alarm system, set the alarm temperature as requirements;  
Two alarming methods: buzzer alarming and digital flashing alarming;  
Protection function: power-on delay, time between stops.

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### ■ Ergonomic Design

Safety door lock, preventing unauthorized access;

Wide voltage design from 192V to 242V;

Baskets is standard;

Heavy type caster and locking adjustable screw, easy to move and fix.

Model		FSF-60W100	FSF-60W200	FSF-60W300	FSF-60W400	FSF-60W500
Technical Data	Cabinet Type	Chest	Chest	Chest	Chest	Chest
	Climate Class	N	N	N	N	N
	Cooling Type	Direct cooling				
	Defrost Mode	Manual				
	Refrigerant	CFC-Free				
Performance	Cooling performance(°C)	-60	-60	-60	-60	-60
	Temperature Range(°C)	-10~-60	-10~-60	-10~-60	-10~-60	-10~-60
Control	Controller	Microprocessor				
	Display	LED				
Material	Interior	Aluminum powder coating				
	Exterior	Galvanized steel powder coating				
Electrical Data	Power Supply(V/Hz)	220/50	220/50	220/50	220/50	220/50
	Power(W)	100	220	300	350	400
Dimensions	Capacity(L)	100	190	285	380	470
	Net/Gross Weight(approx)	40/55 (kg)	70/85 (kg)	76/93(kg)	93/110 (kg)	110/130 (kg)
	Interior Dimensions(W*D*H)	520×345×615 (mm)	760×485×600 (mm)	1080×485×600 (mm)	1340×485×600 (mm)	1710×485×600 (mm)
	Exterior Dimensions(W*D*H)	700×600×850 (mm)	940×765×885 (mm)	1270×765×885 (mm)	1530×765×885 (mm)	1900×765×885 (mm)
	Packing Dimensions(W*D*H)	800×700×1000 (mm)	950×870×1035 (mm)	1370×870×1035 (mm)	1630×870×1035 (mm)	2000×870×1035 (mm)
Functions	High/Low Temperature	Y	Y	Y	Y	Y
	Sensor Error	Y	Y	Y	Y	Y
	Lockage	Y	Y	Y	Y	Y
Accessories	Caster	Y	Y	Y	Y	Y
	Foot	N/A	N/A	N/A	N/A	N/A
	Test Hole	N/A	N/A	N/A	N/A	N/A
	Baskets/Inner Doors	2/-	2/-	2/-	2/-	2/-
	Temperature Recorder	Optional	Optional	Optional	Optional	Optional
	Cryo racks	Optional	Optional	Optional	Optional	Optional