



-60°C Chest Freezer LCF-C1 Series

-60°C Chest Freezer LCF-C10

-60°C Chest Freezer LCF-C10 is a high-efficient refrigeration system comprised 150 L multigrade deep chest freezer. Features high-precision microprocessor control system with platinum resistor temperature sensors for -30 to -60°C of temperature control range. Incorporated with international branded compressor and EBM fan with large finned condenser, is provided with manual defrost mode and mixture gas refrigerant. Designed with SPCC epoxy coated exterior and stainless-steel interior, it has two-layer heat insulating foamed door with airbag-typed outer seal and rotating handle. Equipped with LED display and advanced alarm system, offers turn-on delay and stopping interval protection function, keyboard lock function and password protection function for safe sample storage.

-60°C Chest Freezer LCF-C11

-60°C Chest Freezer LCF-C11 is a high-efficient refrigeration system comprised 270 L multigrade deep chest freezer. Features high-precision microprocessor control system with platinum resistor temperature sensors for -30 to -60°C of temperature control range. Incorporated with international branded compressor and EBM fan with large finned condenser, is provided with manual defrost mode and mixture gas refrigerant. Designed with SPCC epoxy coated exterior and stainless-steel interior, it has two-layer heat insulating foamed door with airbag-typed outer seal and rotating handle. Equipped with LED display and advanced alarm system, offers turn-on delay and stopping interval protection function, keyboard lock function and password protection function for safe sample storage.

-60°C Chest Freezer LCF-C12

-60°C Chest Freezer LCF-C12 is a high-efficient refrigeration system comprised 360 L multigrade deep chest freezer. Features high-precision microprocessor control system with platinum resistor temperature sensors for -30 to -60°C of temperature control range. Incorporated with international branded compressor and EBM fan with large finned condenser, is provided with manual defrost mode and mixture gas refrigerant. Designed with SPCC epoxy coated exterior and stainless-steel interior, it has two-layer heat insulating foamed door with airbag-typed outer seal and rotating handle. Equipped with LED display and advanced alarm system, offers turn-on delay and stopping

interval protection function, keyboard lock function and password protection function for safe sample storage.

Features

- ❑ A high-efficient refrigeration system comprised large multigrade deep chest freezer
- ❑ High-precision microprocessor control system with platinum resistor temperature sensors
- ❑ -30 to -60°C of temperature control range with -60°C of cooling performance
- ❑ International branded compressor and EBM fan with large finned condenser
- ❑ Manual defrost mode and mixture gas refrigerant, efficient and environment-friendly
- ❑ SPCC epoxy coated exterior and stainless-steel interior, low temperature tolerant
- ❑ 2-layer heat insulating foamed door with airbag-typed outer seal and rotating handle
- ❑ LED display and advanced alarm system, ensures safe and stable operation
- ❑ Turn-on delay and stopping interval protection function, reliable running of operation
- ❑ Keyboard lock function and password protection function, avoid unauthorized access
- ❑ High-efficient, stable and reliable unit for sample storage under targeted refrigeration

Application

-60°C Chest Freezer is used for scientific research, cryogenic test on special materials, low temperature resistance test on biological materials, vaccines, biological products and military products, etc. across research institutions, the electronic industry, the chemical industry, hospitals, the health & disease prevention system, laboratories in colleges & universities, military enterprises, etc.

Specifications (LCF-C10 and LCF-C11)

Model	LCF-C10	LCF-C11
Cabinet type	Chest	
Capacity	150 L	270 L
Temperature Range	-30 to -60°C	

Ambient Temperature	16 to 32°C	
Cooling Performance	-60°C	
Cooling Method	Direct cooling	
Defrost Mode	Manual	
Refrigerant	Mixture gas	
Climate Class	N	
Controller	Microprocessor	
Display	LED	
Compressor	1 pc	
Alarm System	High/Low temperature, Power failure, Sensor Error	
External Material	SPCC Epoxy coating	
Internal Material	Stainless steel	
Insulation	110 mm	
Casters	4 (2 caster with brake)	
Door Lock with Key	Yes	
Access Port	1 pc. Ø25 mm	
Backup Battery	Yes	
Protection Function	Turn-on delay and stopping interval protection function, Keyboard lock function and password protection function	
Power Supply	220 V, 50 Hz	
Rated Current	2.29 A	2.43 A
Internal Dimension (W×D×H)	585×465×651 mm	1019×465×651 mm
External Dimension (W×D×H)	811×775×929 mm	1245×775×929 mm
Packaging Dimension (W×D×H)	905×810×991 mm	1332×810×975 mm
Net Weight	67 kg	94 kg
Gross Weight	74 kg	102 kg

Specifications (LCF-C12)

Model	LCF-C12
Cabinet type	Chest
Capacity	360 L
Temperature Range	-30 to -60°C
Ambient Temperature	16 to 32°C
Cooling Performance	-60°C
Cooling Method	Direct cooling
Defrost Mode	Manual
Refrigerant	Mixture gas
Climate Class	N
Controller	Microprocessor
Display	LED
Compressor	1 pc
Alarm System	High/Low temperature, Power failure, Sensor Error
External Material	SPCC Epoxy coating
Internal Material	Stainless steel
Insulation	110 mm
Casters	6 (2 caster with brake)
Door Lock with Key	Yes
Access Port	1 pc. Φ25 mm
Backup Battery	Yes
Protection Function	Turn-on delay and stopping interval protection function, Keyboard lock function and password protection function
Power Supply	220 V, 50 Hz
Rated Current	2.2 A
Internal Dimension (W×D×H)	1308×465×651 mm

External Dimension (W×D×H)	1534×775×929 mm
Packaging Dimension (W×D×H)	1635×812×975 mm
Net Weight	103 kg
Gross Weight	111 kg