



# **-105°C Ultra Low Temperature Chest Freezer LCF-G1 Series**

### **-105°C Ultra Low Temperature Chest Freezer LCF-G10**

-105°C Ultra Low Temperature Chest Freezer LCF-G10 is a digital microcomputer-controlled unit, offers 58 L of holding capacity with -105°C of cooling performance. Features self-overlapping refrigeration system with branded compressor and evaporator for effective refrigeration. Designed with 304 stainless steel liner, air pressure balance and universal caster, has LED display and safety door lock design. With Ultra-thick foam layer and double sealing of the door, it also has advanced alarm system and multiple protection functions, ensures effective and secure sample storage under targeted refrigeration.

### **-105°C Ultra Low Temperature Chest Freezer LCF-G11**

-105°C Ultra Low Temperature Chest Freezer LCF-G11 is a digital microcomputer-controlled unit, offers 118 L of holding capacity with -105°C of cooling performance. Features self-overlapping refrigeration system with branded compressor and evaporator for effective refrigeration. Designed with 304 stainless steel liner, air pressure balance and universal caster, has LED display and safety door lock design. With Ultra-thick foam layer and double sealing of the door, it also has advanced alarm system and multiple protection functions, ensures effective and secure sample storage under targeted refrigeration.

### **-105°C Ultra Low Temperature Chest Freezer LCF-G12**

-105°C Ultra Low Temperature Chest Freezer LCF-G12 is a digital microcomputer-controlled unit, offers 258 L of holding capacity with -105°C of cooling performance. Features self-overlapping refrigeration system with branded compressor and evaporator for effective refrigeration. Designed with 304 stainless steel liner, air pressure balance and universal caster, has LED display and safety door lock design. With Ultra-thick foam layer and double sealing of the door, it also has advanced alarm system and multiple protection functions, ensures effective and secure sample storage under targeted refrigeration.

### **-105°C Ultra Low Temperature Chest Freezer LCF-G13**

-105°C Ultra Low Temperature Chest Freezer LCF-G13 is a digital microcomputer-controlled unit, offers 358 L of holding capacity with -105°C of cooling performance. Features self-overlapping

refrigeration system with branded compressor and evaporator for effective refrigeration. Designed with 304 stainless steel liner, air pressure balance and universal caster, has LED display and safety door lock design. With Ultra-thick foam layer and double sealing of the door, it also has advanced alarm system and multiple protection functions, ensures effective and secure sample storage under targeted refrigeration.

### **-105°C Ultra Low Temperature Chest Freezer LCF-G14**

-105°C Ultra Low Temperature Chest Freezer LCF-G14 is a digital microcomputer-controlled unit, offers 458 L of holding capacity with -105°C of cooling performance. Features self-overlapping refrigeration system with branded compressor and evaporator for effective refrigeration. Designed with 304 stainless steel liner, air pressure balance and universal caster, has LED display and safety door lock design. With Ultra-thick foam layer and double sealing of the door, it also has advanced alarm system and multiple protection functions, ensures effective and secure sample storage under targeted refrigeration.

### **Features**

- ❑ A digital microcomputer-controlled unit with large holding capacity
- ❑ -105°C of cooling performance, targeted and effective refrigeration
- ❑ Self-overlapping refrigeration system, uniform and targeted refrigeration
- ❑ Branded compressor and evaporator with fluorine-free refrigerant
- ❑ 304 stainless steel liner, air pressure balance design and universal caster
- ❑ LED display, convenient setting and monitoring of running parameters
- ❑ Safety door lock design, safe and secure sample storage
- ❑ Ultra-thick foam layer and double sealed door, effective cooling effect
- ❑ Advanced alarm system and multiple protection functions, safe operation
- ❑ High-efficient, stable and reliable unit for safe and secure storage

## Application

-105°C Ultra Low Temperature Chest Freezer is used to preserve viruses, bacteria, RBCs, WBCs, skin, bone, biological products etc. across hospitals, laboratories, military and chemical industries, research institutes etc.

## Specifications (LCF-G10 to LCF-G12)

Model	LCF-G10	LCF-G11	LCF-G12
Cabinet	Chest		
Capacity	58 L	118 L	258 L
Cooling Performance	-105°C		
Defrost Mode	Manual		
Refrigerant	Fluorine-free		
Climate Class	N		
Controller	Microcomputer		
Display	LED		
Compressor	1 pc		
Alarm System	High/Low temperature, Sensor fault etc.		
Casters	Universal casters		
Protection Function	Password protection, Frequent start protection, Sensor failure etc.		
Power Supply	AC 187 V to 242 V		
Power	350 to 700 W	400 to 750 W	420 to 800 W
Internal Dimension (W×D×H)	410×410×385 mm	540×400×560 mm	780×500×660 mm
External Dimension (W×D×H)	670×765×1025 mm	1270×795×990 mm	1510×895×1090 mm
Net Weight	83 kg	126 kg	162 kg

## Specifications (LCF-G13 and LCF-G14)

Model	LCF-G13	LCF-G14
Cabinet	Chest	
Capacity	358 L	458 L
Cooling Performance	-105°C	
Defrost Mode	Manual	
Refrigerant	Fluorine-free	
Climate Class	N	
Controller	Microcomputer	
Display	LED	
Compressor	1 pc	
Alarm System	High/Low temperature, Sensor fault etc.	
Casters	Universal casters	
Protection Function	Password protection, Frequent start protection, Sensor failure etc.	
Power Supply	AC 187 V to 242 V	
Power	500 to 820 W	520 to 900 W
Internal Dimension (W×D×H)	1080×500×660 mm	1380×500×660 mm
External Dimension (W×D×H)	1810×895×1090 mm	2115×895×1090 mm
Net Weight	180 kg	207 kg