

-65°C FREEZER



-65°C ULT FREEZER UPRIGHT LUF-65-100 SERIES

Labocon -65°C Upright Freezer LUF-65-100 Series are widely used in scientific research for long-term storage of samples. They offer excellent uniformity, effective cooling technology and temperature upto -65°C with 1°C controlling precision.

Features

- ▶ Stainless steel interior and painted steel board exterior
- ▶ Front lockable door design with full height handle and vacuum release port
- ▶ Two-times foaming technology with double silicon gasket seal
- ▶ Adjustable 2-3 stainless steel shelves with inner door
- ▶ Insulation thickness: 100 - 155 mm
- ▶ Polycarbonate insulated inner doors
- ▶ Digital temperature display
- ▶ Microprocessor-based temperature controller
- ▶ Two units of Danfoss compressor in parallel connection to reduce noise and improve the cooling rate
- ▶ EBM fan electromotor
- ▶ Unique refrigeration circulation and unipolar compressor oil-lubricated technology
- ▶ Mixed Refrigerant: CFC Free R134a, R404a, R23, R410A, N2
- ▶ Temperature printer which record 7 days data
- ▶ 72 hours battery backup for printer and controller display
- ▶ Keyboard lock and password protected configuration page
- ▶ 4 units casters for easy handling
- ▶ Safety functions: audible and visual alarm for high or low temperature, power failure, low battery, door open, filter blocking, system failure
- ▶ Optional: Chart recorder, CO2 back up system, storage racks/boxes, remote alarm system

Application

Labocon -65°C Upright Freezer LUF-65-100 Series is suitable for optimum and controlled temperature aid in storage needs of the pharmacy, medical, industry, biotech & clinical applications.

Specification

Model	LUF-65-101	LUF-65-102	LUF-65-103	LUF-65-104
Capacity (L)	100 L	218 L	328 L	388 L
Temp. range	-10°C to -65°C			
Internal Dimension (W x D x H) mm	450x450x500 mm	582x470x768 mm	580x450x1200 mm	740x450x1200 mm
Overall Dimension (W x D x H) mm	720x793x1000 mm	940x840x1552 mm	940x840x1999 mm	940x840x1999 mm
Drawers/Shelves	2-3 stainless steel shelves			
Power	800 W	1000 W	1500 W	1800 W
Power supply	220V/110V , 50Hz/60Hz			
Weight (Net/Gross)	120/140 kg	225/250 kg	320/350 kg	330/360 kg
Catalog no.	9428148343	9428149343	9428150343	9428151343



Model	LUF-65-105	LUF-65-106	LUF-65-107
Capacity (L)	538 L	668 L	768 L
Temp. range	-10°C to -65°C		
Internal Dimension (W x D x H)	662x600x1330 mm	815x667x1200 mm	930x665x1200 mm
Overall Dimension (W x D x H)	940x840x2020 mm	1150x2050x1009 mm	996x1190x1997 mm
Drawers/Shelves	2-3 stainless steel shelves		
Power	2000 W	2700 W	2700 W
Power supply	220V/110V , 50Hz/60Hz		
Weight (Net/Gross) (kg)	360/380 kg	400/420 kg	420/450 kg
Catalog no.	9428152343	9428153343	9428154343

Optional Accessories

Model no.	Accessory	Catalog no.
LR-03	Temperature Chart Recorder	9428155343
LCBS-01	1 CO2 Backup System	9428156343
LRA-01	Storage Racks	9428157343
LBX-01	Boxes	9428158343

-65°C ULTRA LOW TEMPERATURE FREEZER CHEST LCF-65-100 SERIES

Labocon -65°C Chest Type Freezer LCF-65-100 Series are widely used in scientific research for long-term storage of samples. They offer excellent uniformity, effective cooling technology and temperature upto -65°C with 1°C controlling precision.

Features

- ▶ Stainless steel interior and painted steel board exterior
- ▶ Door with key lock and rotatable door handle
- ▶ Two-times foaming technology with double seal design
- ▶ Insulation thickness: 155 mm
- ▶ Digital temperature display
- ▶ Microprocessor-based temperature controller
- ▶ Danfoss compressor and EBM fan electromotor
- ▶ Unique refrigeration circulation and unipolar compressor oil-lubricated technology
- ▶ Mixed Refrigerant: CFC Free R134a, R404a, R23, R410A, N2
- ▶ Temperature printer which record 7 days data
- ▶ 72 hours battery backup for printer and controller display
- ▶ Keyboard lock and password protected configuration page
- ▶ 4 units casters for easy handing
- ▶ Safety functions: audible and visual alarm for high or low temperature, power failure, low battery, door open, filter blocking, system failure
- ▶ Optional: Chart recorder, CO2 back up, storage racks/boxes, remote alarm system.

Application

Labocon -65° Freezer Chest Type LCF-65-100 Series is widely used in hospitals, clinics, blood banks and research institutes for incubation or preservation of plasma, tissue cultures, microbial cultures etc.

Specification

Model		LCF-65-101	LCF-65-102
Capacity (L)		138 L	328 L
Temp. range		-10°C to -65°C	
Dimension (W x D x H) (mm)	Overall	890x1320x1009	890x2005x1009
	Internal	470x570x490	470x1200x582
Power		800 W	1500 W
Power supply		220V/110V , 50Hz/60Hz	
Weight (Net/Gross) (kg)		215/250 kg	260/330 kg
Catalog no.		9428159343	9428160343



LCF -65°C - 101

-65°C ULTRA LOW TEMPERATURE FREEZER CHEST LCF-65-200 SERIES

Labocon -65°C Chest Type Freezer LCF-65-200 Series are widely used in scientific research for long-term storage of samples. They offer excellent uniformity, effective cooling technology and temperature upto -65°C with 1°C controlling precision.

Features

- ▶ Sheet steel epoxy coated white colour (rust-proof material) inside and outside
- ▶ High density (40 Kg/m³) polyurethane insulation
- ▶ Insulation thickness: 100 mm
- ▶ Hinged, fully insulated lid made of sheet steel white epoxy coated outside and atoxic plastic material inside. The lid is fitted up with counterbalanced hinges, perimetric magnetic rubber gasket and security key locking
- ▶ Control panel: microprocessor operated digital electronic thermostat with incorporated alarm.
- ▶ LED display with red colour, bright indication and an accuracy of 1°C
- ▶ Cooling unit mounted at the bottom with a condensing unit compounded by a hermetic compressor, a finned air cooled condenser and an extra grill type condenser
- ▶ Refrigeration: static with evaporating pipes
- ▶ Refrigerant : CFC- and HCFC-free
- ▶ Defrosting : manual, with discharging hole for draining facilities for the derivate water
- ▶ Plug : Schuko type
- ▶ Noise level (dB(A)) : ≤ 54
- ▶ Safety functions: Visual and acoustic alarm signaling (with automatic resetting) for high and low temperature
- ▶ Optional:
 - ▶ Wire basket
 - ▶ Kit of rollers
 - ▶ Temperature chart recorder

Application

Labocon -65° Freezer Chest Type LCF-65-200 Series is widely used in hospitals, clinics, blood banks and research institutes for incubation or preservation of plasma, tissue cultures, microbial cultures etc.

Specification

Model		LCF-65-201	LCF-65-202	LCF-65-203	LCF-65-204	LCF-65-205
Model		120 L	220 L	320 L	390 L	420 L
Capacity (L)		730x730x 870	1060x730x870	1310x730x870	1500x730x870	1710x730x870
Temp. range		adjustable between -40°C and -60°C				
Dimension (W x D x H) (mm)	Overall	730x730x 870	1060x730x870	1310x730x870	1500x730x870	1710x730x870
	Internal	850x850x1120	1180x850x1120	1430x850 x1120	1630x850x1120	1830x850x1120
Power supply		220V/110V , 50Hz/60Hz				
Weight (Net/Gross) (kg)		70/80 kg	90/110 kg	110/130 kg	120/140 kg	130/150 kg
Catalog no.		9428161181	9428162181	9428163181	9428164181	9428165181



LCF -65°C - 201



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