



DUAL TEMPERATURE REFRIGERATOR



DUAL TEMPERATURE REFRIGERATOR FREEZER LDTRF -100

Labocon Dual Temperature Refrigerator Freezer LDTRF-100 Series provides two separate environments for storing products and samples. Our dual-temperature refrigerator and freezer combination offers temperature control solutions while meeting your application storage needs.

FEATURES

For LDTRF-101

- ▶ Two Cold storage rooms with shelves and freezer compartment with transparent drawer for ease of storage
- ▶ Door locking system for safety
- ▶ LED lights are installed in the refrigerator chamber for user convenience
- ▶ LED / LCD display, displays refrigeration and freezer temperature at the same time
- ▶ CFC free refrigeration and foam technology makes it an environment friendly equipment
- ▶ Microcomputer controller for freezer compartment
- ▶ It adopts forced ventilation refrigeration for steady refrigeration chamber
- ▶ Multi malfunction alarm system: High temperature alarm, low temperature alarm, sensor malfunction alarm, door ajar alarm, power out alarm, under voltage alarm
- ▶ Two alarming methods: Buzzer alarming, light flashing alarming
- ▶ Keyboard lock ensures safety of stored parameters
- ▶ Casters for ease of handling

For LDTRF-102

- ▶ Painted steel board exterior and ABS material interior
- ▶ Double sealing design with lock and rotatable sure-grip door handle

- ▶ LCD display, displays temperature parameters
- ▶ Microprocessor-based temperature controller allows independent control of temperature
- ▶ Refrigerant: CFC-free R507 and R134a
- ▶ 2 units compressor for separate room and EBM fan motor
- ▶ Audio/visual alarm for high or low temperature alarm and system failure
- ▶ 4 casters for easy handling

APPLICATION

Labocon Dual Temperature Refrigerator Freezer LDTRF-100 Series is specialized refrigerating equipment for blood storage, cold storage of pharmaceutical and widely used in hospitals, blood banks and anti epidemic stations.



LDTRF - 101



LDTRF - 102

SPECIFICATION

Model		LDTRF-101	LDTRF-102
Capacity	Total	210 L	253 L
	Refrigerator	150 L	154 L
	Freezer	60 L	99 L
Inner Temperature	Refrigerator	2°C to 8°C	2°C to 10°C
	Freezer	-15°C to -26°C	-10°C to -40°C
Shelves/ Drawers	Refrigerator	3 Shelves	3 Shelves
	Freezer	3 Drawers	4 Drawers
Shelf/Drawer Dimension (W×D)		412x313 mm	-
Shelf/Drawer loading Capacity		5 kg	15-18 kg
Inner Dimension (WxDxH)	Refrigerator	429x430x820 mm	470x466x800
	Freezer	370x420x560 mm	397x368x414mm
Overall Dimension (WxDxH)		555x580x1665 mm	623x604x1775mm
Noise		38 dB	48.5 dB
Power		90 W	400 W
Power Supply		220V /50Hz	
Weight (Net/Gross)		53/58 kg	72/75 kg
Catalog No.		9182199105	9182200343

DUAL TEMPERATURE REFRIGERATOR FREEZER LDTRF-200

Labocon Dual Temperature Refrigerator Freezer LDTRF-200 Series provides two separate environments for storing products and samples. Our dual-temperature refrigerator and freezer combination offers temperature security solutions while meeting your application storage needs.

FEATURES

- ▶ Sheet steel epoxy coated white colour (rust proof material) exterior and non-toxic plastic material for interior
- ▶ Internal corners are rounded for easy cleaning and internal bottom is tray type to contain spills
- ▶ High density polyurethane insulation
- ▶ Insulation thickness: 45 mm in refrigerator compartment and 80 mm in freezer
- ▶ Hinged door made of sheet steel epoxy coated white colour outside and non-toxic plastic material for inside.
- ▶ The door is provided with a removable magnetic rubber gasket and flush-fitting handle.
- ▶ Internal side of the refrigerator door provided with balconies
- ▶ Shelves made up of tempered glass and basket made in transparent non-toxic plastic material
- ▶ Control panel: LCD display and 2 sets of touch-pads switch for the control of freezer and refrigerator independently. The main functions of the control panel are :
 - Muting facilities for the acoustic alarms
 - Internal ventilation setting
 - Real-time graphical temperature chart
- ▶ Cooling unit: Condensing unit compounded by a hermetic compressor and a finned air cooled condenser
- ▶ Refrigeration: Forced-air circulation
- ▶ Refrigerant: HCFC-and CFC-free R600a
- ▶ Defrosting: Completely automatic, thermostat controlled

- ▶ Safety functions: Visual and acoustic alarm for high and low temperature, door ajar, power failure, battery discharged, condenser dirty, anti-freezing evaporator, sensors failure
- ▶ Optional:
 - Wooden crate packing
 - Safety door lock with key

APPLICATION

Labocon Dual Temperature Refrigerator Freezer LDTRF-200 Series is specialized refrigerating equipment for blood storage, cold storage of pharmaceutical and widely used in hospitals, blood banks and anti epidemic stations.



LDTRF - 201



LDTRF - 202

SPECIFICATION

Model		LDTRF -201	LDTRF -202
Capacity	Total	370 L	425 L
	Refrigerator	277 L	318 L
	Freezer	93 L	107 L
Inner Temperature	Refrigerator	2°C to 11°C	
	Freezer	-16°C to -26° C	
Shelves/ Drawers	Refrigerator	4 shelves/ 2 baskets	
	Freezer	3 baskets	
Shelf/Drawer Dimension (W×D)		-	-
Shelf/Drawer loading Capacity		-	-
Inner Dimension (WxDxH)	Refrigerator	515x485x1080 mm	655x455x1060 mm
	Freezer	460x390x600 mm	590x390x600 mm
Overall Dimension (WxDxH)		600x630x2010 mm	750x630x2010 mm
Noise		-	-
Power		163 W	194 W
Power Supply		220V-230V /50Hz	
Weight (Net/Gross)		110/130 kg	120/140 kg
Catalog No.		9182210181	9182211181

DUAL TEMPERATURE REFRIGERATOR FREEZER LDTRF -300

Labocon Dual Temperature Refrigerator Freezer LDTRF -300 Series provides two separate environments for storing products and samples. Our dual-temperature refrigerator and freezer combination offers temperature security solutions while meeting your application storage needs.

FEATURES

- ▶ Sheet steel epoxy coated white colour (rust proof material) exterior and non-toxic plastic interior (for LDTRF-301 and 302) and Stainless steel 18/10 AISI 304 exterior and interior (for LDTRF-303, 304, 305 and 306).
- ▶ Internal corners are rounded for easy cleaning and internal bottom is tray type to contain spills
- ▶ High density polyurethane insulation
- ▶ Insulation thickness: 50-75 mm
- ▶ Hinged glass door is provided with a removable magnetic rubber gasket. The handle is flush-fitting type which avoids increase in size of refrigerator. Equipped with a spring loaded automatic closing device with a special door switch that stops the internal ventilation at door opening limiting the air cold loss
- ▶ Open wire shelf made of sheet steel with a strong plastic coating
- ▶ Control panel: Microprocessor operating with soft-touchpads and LCD display. The main functions of the control panel are :
 - Digital temperature display with an accuracy of 0.5°C
 - Keyboard password protected with automatic locking
 - Back-up battery with automatic recharging
 - Muting facilities for the acoustic alarms
 - Alarms memory which cannot be deleted for the last 30 alarm conditions
 - Events memory with the possibility of checking from the display, defrosting, door openings, relays status, etc.
 - Internal ventilation setting
 - Icon based menu

- Real-time graphical temperature chart
- Data-logging function through USB port with direct download of Excel file
- GSM/GPRS telephone dialer
- ▶ Cooling unit: Condensing unit compounded by 1 hermetic compressor and a finned air cooled condenser
- ▶ Refrigeration: Forced-air circulation
- ▶ Refrigerant: CFC-free R404a.
- ▶ Defrosting: Completely automatic, thermostat controlled
- ▶ Safety functions: Visual and acoustic alarm for high and low temperature, door ajar, power failure, battery discharged, condenser dirty, anti-freezing evaporator and sensors failure
- ▶ Optional:
 - Extra wire shelf
 - Stainless steel drawer
 - Plastic partitions for drawers
 - Front top for drawers
 - Kit of rollers
 - Safety door lock with key
 - Temperature chart recorder
 - Electronic temperature printer
 - Data logger function with USB port
 - Ballasted sensor for simulation of product temperature alarm
 - Cable port with cover
 - Different voltage



APPLICATION

Labocon Dual Temperature Refrigerator Freezer LDTRF-300 Series is specialized refrigerating equipment for blood storage, cold storage of pharmaceutical and widely used in hospitals, blood banks and anti epidemic stations.

SPECIFICATION

Model		LDTRF -301	LDTRF -302	LDTRF -303
Capacity	Total	370 L	530 L	625 L
	Refrigerator	180 L	255L	300 L
	Freezer	180 L	255L	300 L
Inner Temperature	Refrigerator	0° to 15° C		
	Freezer	- 5° to -20° C		
Shelves/ Drawers	Refrigerator	2 shelves		
	Freezer	2 shelves		
Shelf/Drawer Dimension (W×D)		460 x 470 mm	530 x 550 mm	530 x 650 mm
Shelf/Drawer loading Capacity		30 kg	35 kg	
Inner Dimension (WxDxH)	Refrigerator	460x470x500 mm	530x550x520 mm	530x650x520 mm
	Freezer	460x470x500 mm	530x550x520 mm	530x650x520 mm
Overall Dimension (W×D×H)		600x650x2020 mm	750 x 740x 2120 mm	750 x 820 x 2100 mm
Noise level		≤ 50 dB	≤ 52 dB	
Power		310 W/310 W		
Power Supply		220-230V /50Hz		
Weight (Net/Gross)		150/165 kg	180/200 kg	175/195 kg
Catalog No.		9182212181	9182213181	9182214181

Model		LDTRF -304	LDTRF -305	LDTRF -306
Capacity	Total	1160 L	1365 L	2100 L
	Refrigerator	530 L	625 L	1365 L
	Freezer	530 L	625 L	625 L
Inner Temperature	Refrigerator	0° to 15° C		
	Freezer	- 5° to -20° C		
Shelves/ Drawers	Refrigerator	3 shelves		6 shelves
	Freezer	3 shelves		3 shelves
Shelf/Drawer Dimension (W×D)		530 x 550 mm	530 x 650 mm	
Shelf/Drawer loading Capacity		35 kg		
Inner Dimension (W×D×H)	Refrigerator	530x550x1310 mm	530x650x1310 mm	530x650x 1310 mm
	Freezer	530x550x1310 mm	530x650x1310 mm	530x650x 1310 mm
Overall Dimension (W×D×H)		1500 x 700x 2100 mm	1500 x 820x 2100 mm	2250 x 820 x 2100 mm
Noise level		≤ 52 dB		≤ 54 dB
Power		1006 W/953 W		1744 W/953 W
Power Supply		220-230V /50Hz		
Weight (Net/Gross)		245/275 kg	265/295 kg	385/425 kg
Catalog No.		9182215181	9182216181	9182217181

DUAL TEMPERATURE REFRIGERATOR REFRIGERATOR LDTRR -100

Labocon Dual Temperature Refrigerator Refrigerator LDTRR-100 Series provides two separate environments for storing products and samples. Our dual-temperature refrigerators combination offers temperature security solutions while meeting your application storage needs.

FEATURES

- ▶ White epoxy coated exterior and interior for LDTRR-101, LDTRR-102 and LDTRR-103,
- ▶ Stainless steel 18/10 AISI 304 exterior and interior for LDTRR-104, LDTRR-105, LDTRR-106 and LDTRR-107
- ▶ Internal corners are rounded for easy cleaning and internal bottom is tray type to contain spills
- ▶ High density polyurethane insulation
- ▶ Insulation thickness: 40-75 mm
- ▶ Hinged glass door made of same material as the rest of the body. The door is provided with a removable magnetic rubber gasket. The handle is flush-fitting type to avoid increase in size of refrigerator.
- ▶ Open wire shelf made of sheet steel with a strong plastic coating.
- ▶ Control panel: Microprocessor operating with soft-touchpads and LCD display. The main functions of the control panel are :
 - Large LCD display with digital temperature adjusting and display with an accuracy of 0.5°C
 - Keyboard password protected with automatic locking
 - Back-up battery with automatic recharging
 - Muting facilities for the acoustic alarms
 - Alarms memory not deletable for the last 30 alarm conditions
 - Events memory with the possibility of checking from the display, defrostings, door openings, relays status, etc
 - Internal ventilation setting
 - Icon based menu
 - Real-time graphical temperature chart

- Data-logging function through USB port with direct download of Excel file
- GSM/GPRS telephone dialer
- ▶ Cooling unit: Condensing unit compounded by 1 hermetic compressor and a finned air cooled condenser
- ▶ Refrigeration: Forced-air circulation
- ▶ Refrigerant: CFC-free R404a
- ▶ Defrosting: Completely automatic, thermostat controlled
- ▶ Noise level (dB(A)) : ≤ 54
- ▶ Safety functions: Visual and acoustic alarm for high and low temperature, door ajar, power failure, battery discharged, condenser dirty, anti-freezing evaporator, sensors failure
- ▶ Optional:
 - Extra wire shelf
 - Stainless steel drawer
 - Plastic partitions for drawers
 - Front top for drawers
 - Kit of rollers
 - Safety door lock with key
 - Temperature chart recorder
 - Electronic temperature printer
 - Data logger function with USB port
 - Ballasted sensor for simulation of product temperature alarm
 - Cable port with cover
 - Different voltage



APPLICATION

Labocon Dual Temperature Refrigerator LDTRR-100 Series is specialized refrigerating equipment for blood storage, cold storage of pharmaceutical and widely used in hospitals, blood banks and anti epidemic stations.

SPECIFICATION

Model		LDTRR -101	LDTRR -102	LDTRR -103
Capacity	Total	-	-	-
	Refrigerator Chamber 1	130 L	180 L	255 L
	Refrigerator Chamber 2	130L	180 L	255 L
Inner Temperature	Refrigerator Chamber 1	Adjustable between 2° to 10° C		
	Refrigerator Chamber 2	Adjustable between 2° to 10° C		
Shelves/ Drawers	Refrigerator Chamber 1	2 Shelves		
	Refrigerator Chamber 2	2 Shelves		
Shelf/Drawer Dimension (W×D)		400x500 mm	460x470 mm	530x550 mm
Shelf/Drawer loading Capacity		25 kg	30 kg	35 kg
Inner Dimension (W×D×H)	Refrigerator Chamber 1	400x500x520 mm	460x470x500 mm	530x550x520 mm
	Refrigerator Chamber 2	400x500x520 mm	460x470x500 mm	530x550x520 mm
Overall Dimension (W×D×H)		530×640×1600 mm	600×650×2020 mm	750x740x2120 mm
Noise level		≤ 50 dB	≤ 52 dB	
Power		194 W/194 W	250 W/250 W	250 W/250 W
Power Supply		220V 50Hz		
Weight (Net/Gross)		140/155 kg	150/170 kg	160/180 kg
Catalog No.		9182201181	9182202181	9182203181

Model		LDTRR -104	LDTRR -105	LDTRR -106	LDTRR -107
Capacity	Total	-	-	-	-
	Refrigerator Chamber 1	300 L	535L	625 L	1365 L
	Refrigerator Chamber 2	300 L	535 L	625 L	625 L
Inner Temperature	Refrigerator Chamber 1	Adjustable between 2° to 10° C			
	Refrigerator Chamber 2	Adjustable between 2° to 10° C			
Shelves/ Drawers	Refrigerator Chamber 1	2 Shelves	3 Shelves		6 Shelves
	Refrigerator Chamber 2	2 Shelves	3 Shelves		3 Shelves
Shelf/Drawer Dimension (W×D)		530x650 mm	530x550 mm	530x650 mm	
Shelf/Drawer loading Capacity		35 kg			
Inner Dimension (WxDxH)	Refrigerator Chamber 1	530x650x520 mm	530x550x520 mm	530x650x1310 mm	1060x650x1310 mm
	Refrigerator Chamber 2	530x650x520 mm	530x550x520 mm	530x650x1310 mm	530x650x1310 mm
Overall Dimension (W×D×H)		750x820x2100 mm	1500x700x2100 mm	1500x820x2100 mm	2250x820x2100 mm
Noise level		≤ 52 dB			≤ 54 dB
Power		310 W/310 W	1006 W/1006 W	1006 W/1006 W	1744 W/1006 W
Power Supply		220V 50Hz			
Weight (Net/Gross)		175/195 kg	245/275 kg	265/295 kg	385/425 kg
Catalog No.		9182204181	9182205181	9182206181	9182207181



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