



# **-25°C & -40°C**

## **Biomedical Deep Freezer**

Upright freezer: Double Door Freezer  
Single Door Freezer  
Large Capacity Vaccine Freezer  
Undercounter Vaccine Freezer

Chest freezer: Deep Chest Freezer

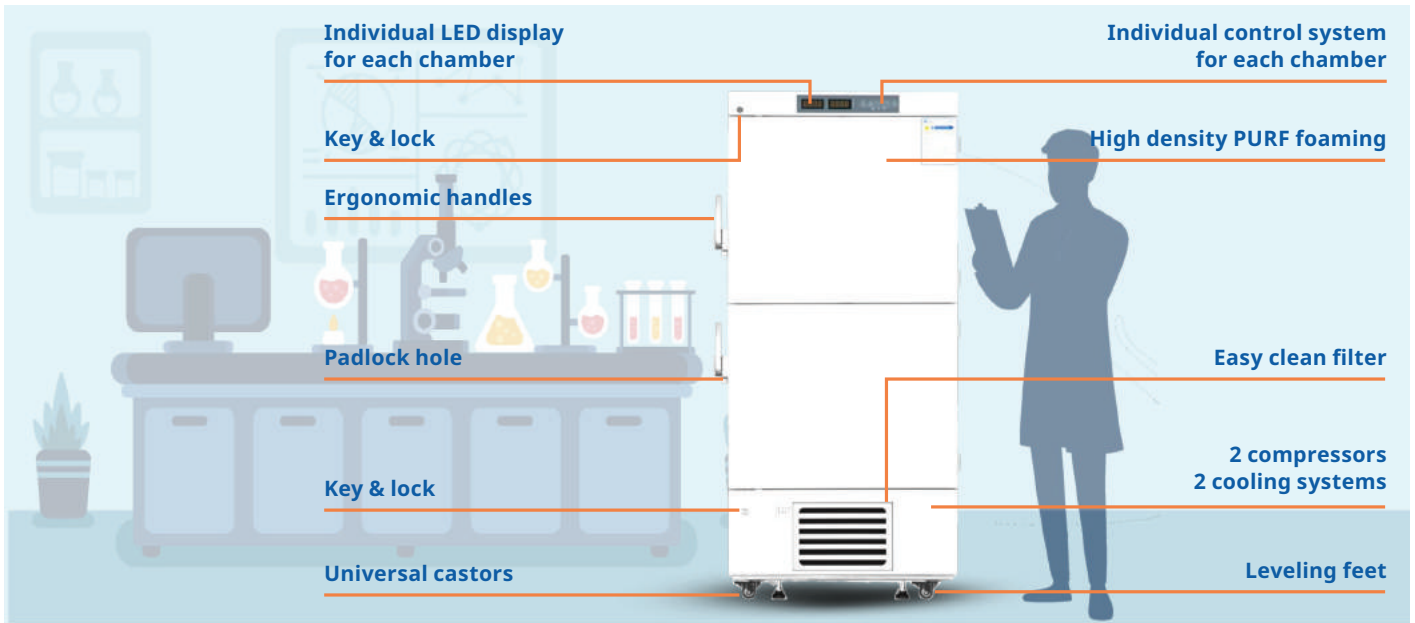
# Double Door Freezer

This Double Door Freezer has double chamber, double display, double control system, two sets of individual compressor and refrigeration system. Both chambers can be independently adjustable in temperature. Can be widely used in hospitals, blood stations, and laboratories.



Brand:	Roylab
Temp.:	-10°C~-25°C / -25°C~-40°C
Capacity:	358L, 528L
Defrost:	Manual
Cooling Type:	Direct cooling
Temp. Controller:	Microprocessor
Ambient Temperature:	10°C~32°C

## Structure



## Product features



### Imported Brand Compressors

Famous Gubigel compressor precise temperature control, excellent quality control, design for pharmacy storage and precious reagent.



### LED Displays

Easy to observe real time temperature data, built in USB



### Fast Pull Down

Rapid Cooling from +25°C--25°C



### Coil Evaporator

Better performance, easy maintenance



### 6 Types Of Alarm

High and low temperature alarm, power off alarm, ambient temperature alarm, temperature controller malfunction alarm, Door ajar alarm, continuously alarm for 8h after power failure



### USB Interface

10 years data for download

## Single Door Freezer

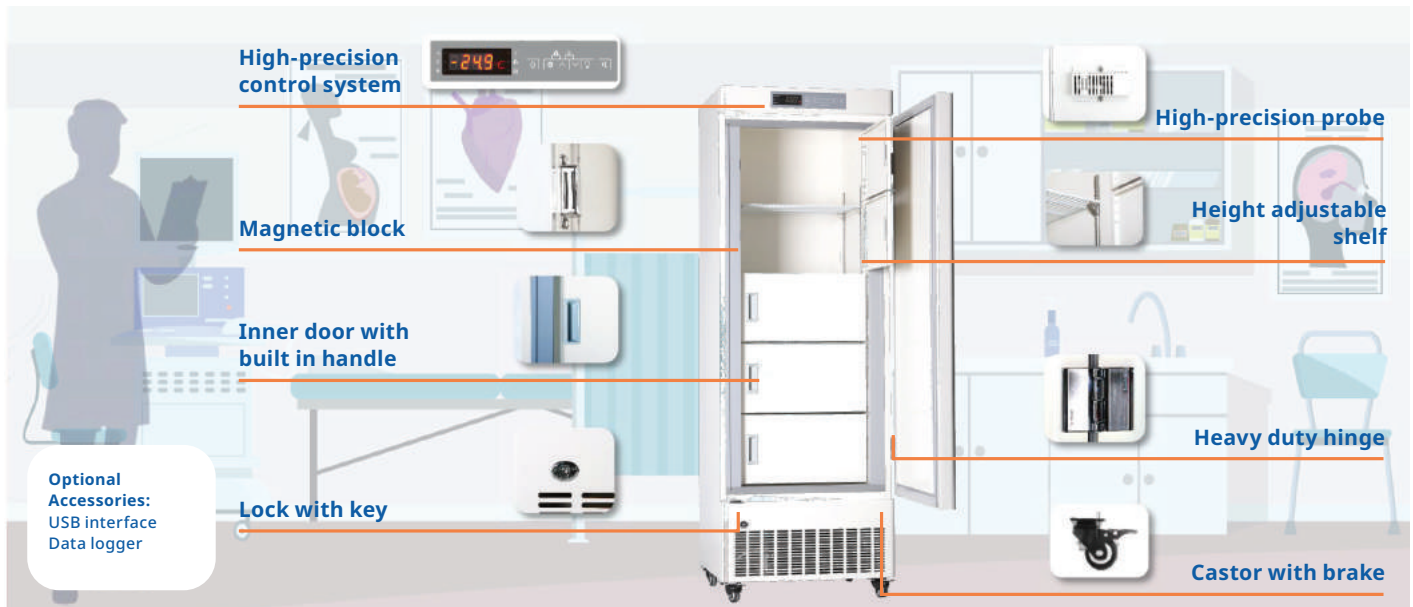
This Single Door Freezer adapt CFC-free refrigerant. The E-series have independent inner door design which minimizes the loss of cold air when opening the door. The W-series are cabinets with large drawer's design, which is convenient for users to access items. There are all widely used in hospitals and laboratories. This is for placing and preserving storage such as drugs, vaccines, blood, enzymes, hormones, stem cells, extracted RNA and gene libraries, and important biological and chemical reagents.



Brand:	Roylab
Temp.:	-10°C~-25°C / -25°C~-40°C
Capacity:	268L, 278L, 328L
Defrost:	Manual
Cooling Type:	Direct cooling
Temp. Controller:	Microprocessor
Ambient Temperature:	10°C~32°C



## Structure



## Product features



### Fast Pull Down

Better cooling performance



### Coil Evaporator

Better temperature uniformity



### Inner-Door Design

E-series: Inner-door design, 4 individual inner door. W-series: large drawers design, inner 7 drawers.



### High-Quality Steel Materials

Antibacterial and corrosion resistant



### Precise Temp. Control

Temp. control accurate to 0.1°C



### 5 Types Of Alarm

Audible and visual alarms



## Deep Chest Freezer

Deep Chest Freezer with 304 stainless steel inner chamber, antibacterial and corrosion resistant. Are widely used in hospitals, blood stations, diseases control & prevention centers, research institutions, bioscience laboratories and medical laboratories. It is suitable for storing a wide variety of biological products including viruses, bacteria, red blood cells, white blood cells, skin, bone and semen as well as ocean-going supplies and electronic devices.



Brand:	Roylab
Temp.:	-10°C~-25°C / -25°C~-40°C
Capacity:	100L, 305L, 485L
Defrost:	Manual
Cooling Type:	Direct cooling
Temp. Controller:	Microprocessor
Ambient Temperature:	10°C~32°C

## Structure



## Product features



### Fast Pull Down

Coil evaporator cooling system



### Precise Temp. Control

Temp. control accurate to 0.1°C



### Lockable Door

Standard lock with key



### High-Quality Steel Material

SUS 304 Material: Antibacterial and corrosion resistant



### 5 Types Of Alarm

Audible and visual alarms



### Eco-Friendly

CFC-free refrigerant and energy-saving

# Large Capacity Vaccine Freezer

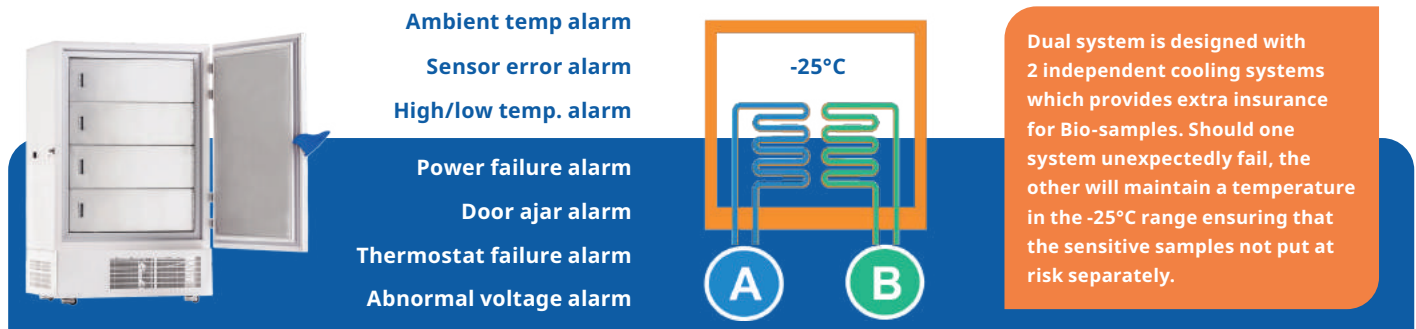
Large Capacity Vaccine Freezer with SUS 304 material, independent inner door design minimizes the loss of cold air when opening the door are widely used in hospitals and laboratories. This is for placing and preserving storage such as drugs, vaccines, blood, enzymes, hormones, stem cells, extracted RNA and gene libraries and important biological and chemical reagents.



Brand:	Roylab
Temp.:	-10°C~-25°C / -25°C~-40°C
Capacity:	936L
Defrost:	Manual
Cooling Type:	Direct cooling
Temp. Controller:	Microprocessor
Ambient Temperature:	10°C~32°C



## Structure



## Product features

- |   |  |
|---|--|
|  <p><b>Fast Pull Down</b><br/>Better cooling performance</p>    |  <p><b>SUS 304 Materials</b><br/>Antibacterial and corrosions resistant</p>     |
|  <p><b>Inner -Door- Design</b><br/>4 individual inner door</p> |  <p><b>Precise Temp. Control</b><br/>Temp. control accurate to 0.1°C</p>        |
|  <p><b>7 Types Of Alarm</b><br/>Audible and visual alarms</p>   |  <p><b>Universal Castor Wheels</b><br/>Proven heavy-duty castors with brake</p> |
|  <p><b>USB Interface</b><br/>10 years data for downloading</p>  |  <p><b>Lockable Doors</b><br/>Standard locks with keys</p>                      |



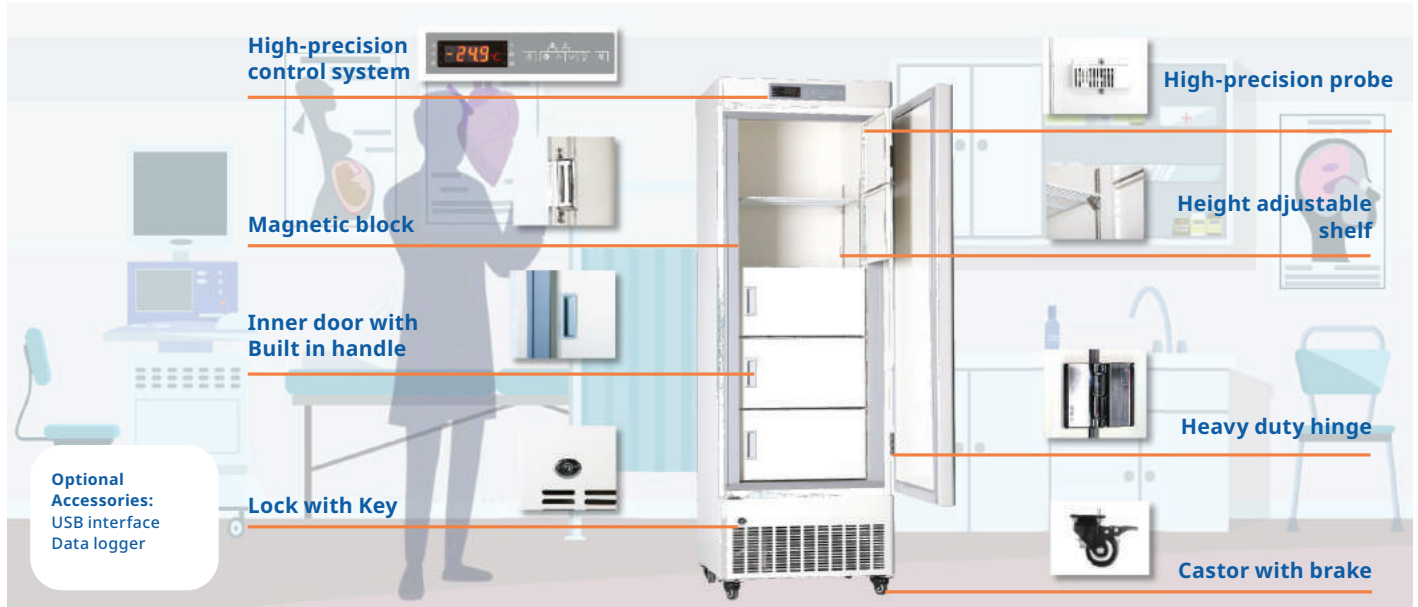
## Undercounter Vaccine Freezer

Undercounter Vaccine Freezer is designed in smart undercounter size, with advanced features for the safe storage of select vaccines, pharmaceuticals, and other materials with strict storage conditions. And widely used in hospitals and laboratories.

Brand:	Roylab
Temp.:	-10°C~-25°C
Capacity:	100L
Defrost:	Manual
Cooling Type:	Direct cooling
Temp. Controller:	Microprocessor
Ambient Temperature:	10°C~32°C



## Structure



## Product features



### Fast Pull Down

Better cooling performance



### Coil Evaporator

Better temperature uniformity



### 5 Types Of Alarm

Audible and visual alarm



### Lockable Doors

Standard locks with keys



### High-Quality Steel Material

Antibacterial and corrosion resistant



### Precise Temp. Control

Temp. control accurate to 0.1°C



### Variable Space

Multi-drawer design



### Eco-Friendly

CFC-free refrigerant and energy-saving



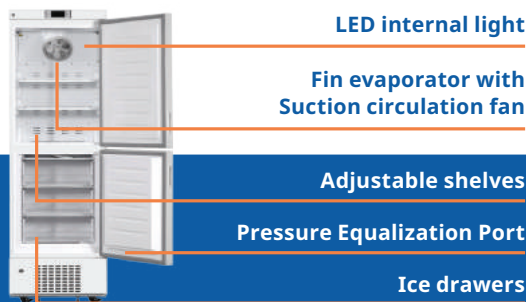
## Combi Refrigerator/ Freezer

Combi Refrigerator and Freezer is widely used in hospitals, blood stations and laboratories. The product has double chamber, double display, double control system, two sets of individual compressor and refrigeration system. Temperature in both chambers can be independently adjusted.



Brand:	Roylab
Temp.:	Upper 2°C-8°C, Lower -10°C~-25°C /-20°C-40°C
Capacity:	300L, 368L, 528L
Defrost:	Upper : AUTO, Lower: Manual
Cooling Type:	Upper: Forced Air Cooling, Lower: Direct cooling
Temp. Controller:	Microprocessor
Power Supply:	220V/50Hz or 110V/60HZ
Ambient Temperature:	10°C~32°C

## Structure



Refrigerator air-force circulation system keeps the chamber temperature fluctuation extremely stable at  $5\pm 3^{\circ}\text{C}$ .

The coil evaporator evenly distributed around the cabinet. Perfect control of the temperature uniformity in the chamber

**Side cross-sectional view**

## Product features



### Multi-Scene Applications

Double chamber & smaller footprint



### Heated Glass Design

Fast defogging & no condensation



### Coil Evaporator

Better performance, easy maintenance



### Suction Circulation System

Less temp. fluctuations & better uniformity



### Large LED Displays

Easy to observe and operate, built-in USB



### Precise Temp. Control

Temp. control accurate to  $0.1^{\circ}\text{C}$



### 6 Type Of Alarm

Audible and visual alarms



### Variable Space

Adjustable shelves and drawers





## -25°C & -40°C Biomedical Freezer

### Double Door Freezer

Model No.	Shelf and Drawer	Capacity (L/ Cu.Ft)	Temp.	Chamber/ External Material	Insulation	Door Type	Dimension (W*D*H)(mm)
RLBMF25-DD358	Shelves *4 and drawers*12	358/12.6	-10°C~-25°C	Color sprayed steel	PURF	Solid Door	720*830*1870
RLBMF25-DD528	Shelves *4 and drawers*18	528/18.64	-10°C~-25°C	Color sprayed steel	PURF	Solid Door	900*818*1875
RLBMF40-DD358	Shelves *4 and drawers*12	358/12.6	-20°C~-40°C	Color sprayed steel	PURF	Solid Door	720*830*1870
RLBMF40-DD528	Shelves *4 and drawers*18	528/18.64	-20°C~-40°C	Color sprayed steel	PURF	Solid Door	900*818*1875

### Single Door Freezer

Model No.	Shelf/Drawer	Capacity (L/ Cu.Ft)	Temp.	Chamber/ External Material	Insulation	Door Type	Dimension (W*D*H)(mm)
RLBMF25-SD268E	Shelves*3	268/9.46	-10°C~-25°C	Color sprayed steel	PURF	Solid Door	673*676*1630
RLBMF25-SD278W	Drawers*7	278/9.81	-10°C~-25°C	Color sprayed steel	PURF	Solid Door	659*600*1694
RLBMF25-SD328E	Shelves*4	328/11.58	-10°C~-25°C	Color sprayed steel	PURF	Solid Door	673*676*1886
RLBMF40-SD268E	Shelves*3	268/9.46	-20°C~-40°C	Color sprayed steel	PURF	Solid Door	673*676*1630
RLBMF40-SD278W	Drawers*7	278/9.81	-20°C~-40°C	Color sprayed steel	PURF	Solid Door	659*600*1694
RLBMF40-SD328E	Shelves*4	328/11.58	-20°C~-40°C	Color sprayed steel	PURF	Solid Door	673*676*1886

### Deep Chest Freezer

Model No.	Capacity (L/ Cu.Ft)	Temp.	Chamber/ External Material	Insulation	Door Type	Dimension (W*D*H)(mm)
RLBMF25-CHEST105	105/3.70	-10°C~-25°C	Color sprayed steel/Color sprayed steel	PURF	Solid Door	694*686*942
RLBMF40-CHEST105	105/3.70	-10°C~-40°C	Color sprayed steel/Color sprayed steel	PURF	Solid Door	694*686*942
RLBMF25-CHEST305	305/10.77	-10°C~-25°C	Color sprayed steel/Color sprayed steel	PURF	Solid Door	1218*840*940
RLBMF40-CHEST305	305/10.77	-10°C~-40°C	Color sprayed steel/Color sprayed steel	PURF	Solid Door	1218*840*940
RLBMF25-CHEST485	485/17.12	-10°C~-25°C	Color sprayed steel/Color sprayed steel	PURF	Solid Door	1667*863*949
RLBMF40-CHEST485	485/17.12	-10°C~-40°C	Color sprayed steel/Color sprayed steel	PURF	Solid Door	1667*863*949

## Large Capacity Vaccine Freezer

Model No.	Capacity (L/ Cu.Ft)	Temp.	Chamber/ External Material	Insulation	Door Type	Dimension(W*D*H)(mm)
RLLMF25-H936	936/33.05	-10°C~-25°C	Stainless steel/ Color sprayed steel	PURF	Solid Door	1304*1000*2017
RLLMF40-H936	936/33.05	-25°C~-40°C	Stainless steel/Color sprayed steel	PURF	Solid Door	1304*1000*2017

## Combi Refrigerator/ Freezer

Model No.	Shelf And Drawer	Capacity (L/ Cu.Ft)	Temp.	Chamber/ External Material	Door Type	Data Logger	Dimension (W*D*H)(mm)
RLRF25-SS300	Shelves*2 and Drawers*3	Upper: 198/6.99	Upper: 2°C~8°C	HIPS/SPCC sprayed steel	Upper: Solid Door	Optional	650*620*1980
		Lower: 102/3.60	Lower: -10°C~-25°C		Lower: Solid Door		
RLRF25-GS368	Shelves*2 and Drawers*6	Upper: 183/6.46	Upper: 2°C~8°C	SPCC sprayed steel/	Upper: Foamed-Glass Door	Optional	720*830*1870
		Lower: 185/6.53	Lower: -10°C~-25°C	SPCC sprayed steel	Lower: Solid Door		
RLRF40-GS368	Shelves*2 and Drawers*6	Upper: 183/6.46	Upper: 2°C~8°C	Color sprayed steel/	Upper: Foamed-Glass Door	Optional	720*830*1870
		Lower: 185/6.53	Lower: -20°C~-40°C	Color sprayed steel	Lower: Solid Door		
RLRF25-GS528	Shelves*4 and Drawers*18	Upper: 273/9.64	Upper: 20°C~8°C	Color sprayed steel/	Upper: Foamed-Glass Door	Optional	900*818*1875
		Lower: 255/9.00	Lower: -10°C~-25°C	Color sprayed steel	Lower: Solid Door		
RLRF40-GS528	Shelves*4 and Drawers*18	Upper: 273/9.64	Upper: 2°C~8°C	Color sprayed steel/	Upper: Foamed-Glass Door	Optional	900*818*1875
		Lower: 255/9.00	Lower: -20°C~-40°C	Color sprayed steel	Lower: Solid Door		

## Undercounter Vaccine Freezer

Model No.	Capacity (L/ Cu.Ft)	Temp.	Chamber/ External Material	Insulation	Door type	Dimension (W*D*H)(mm)
RLPLF25-UC100	100/3.53	-10°C~-25°C	HIPS/Color sprayed steel	PURF	Solid door	540*540*880