



**+2~8°C/-25°C**

# **Biomedical Combined Refrigerator & Freezer**

**Model: MRF-25V528**



## Applications

Combined Refrigerator & Freezer are specially designed to store medicines, vaccines, blood plasma, reagents, and many other biological materials which are widely used in research institutions, clinics, and electronic and medical fields.

## Features

- Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C
- Double outside doors and two independent chambers.
- HC green refrigerant is energy-saving and environmentally friendly.
- Wide available voltage range: 220V±10%.

## Security

- Safety door lock and controller password to prevent unauthorized access.
- Built-in backup battery to display temperature and alarms when power failure or system error.
- Visual and audible alarm system.
- Power failure protection: turn-on delay of the cooling system after power failure.
- Controller error protection: The cooling system will remember the normal working cycle and keep working depending on this memory when the controller or two sensors fail.

## Humanized design

- Adjustable shelves (Refrigerator) and drawers (Freezer) for easy storage.
- Auto on/off LED light with manual switch on the control panel (Only for refrigerator).
- Auto on/off cooling fan to prevent cold air from leaking out when the door is opening(Only for refrigerator).
- Casters and adjustable feet for easy moving and fixation.



## Specifications

Model NO.	MRF-25V528
<b>Main Specifications</b>	
Temperature Range	F: -10 ~ -25 °C; R: 2 ~ 8 °C
Ambient Temperature	10~32°C
Capacity (L/Cu. Ft.)	R: 273 / 9.64; F: 255 / 9
Interior Dimensions (W×D×H) mm	R: 765×640×635; F: 651×636×635
Exterior Dimensions (W×D×H) mm	900×818×1870
Weight	168 kgs
Noise	50 dB
<b>Control and Power</b>	
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	220V±10%, 50/60Hz
Power	431 W
Electric Current	2.9 A
Power Consumption (kWh/24h)	5.56
<b>Audible and Visual Alarms</b>	
High / Low Temp. Alarm	Yes
Power Failure Alarm	Yes, 8h
Sensor Error Alarm	Yes
Controller Error Alarm	Yes
Door Ajar Alarm	Yes
Abnormal Ambient Temp. Alarm	Yes
<b>Refrigeration</b>	
Refrigeration Type	R: Forced-air Cooling; F: Direct Cooling
Defrost	R: Auto; F: Manual
Compressor (Brand/pcs)	Chinese Brand / 2
Refrigerant / Weight	R290 / 86g
<b>Cabinet</b>	
Door (pcs)	R: Foamed Glass Door / 1; F: Foamed Solid Door / 1
Shelf (pcs)	5
Drawer (pcs)	9
Interior Cabinet Material	Coated Steel
Exterior Cabinet Material	Coated Steel
Insulation Material	R: PURF (δ38mm); F: PURF (δ95mm)
Door Lock	Yes
LED Lamp	R: Yes; F: -
Test Hole (pcs)	2
Castors (pcs)	4
Leveling Feet (pcs)	2
<b>Accessories</b>	
USB Data Download Port	Yes
Remote Alarm Port	Yes
RS485 Port	Optional
Temperature Datalogger	Optional
Temperature Printer	Optional
Temperature Chart Recorder	Optional
<b>Shipping</b>	
Package	Carton box with pallet
Shipping Weight	198 kgs
Shipping Size (W×D×H)	930×980×2020
Shipping Volume	1.84 CBM

\* Due to continuous product upgrades, the above specifications are for reference only. For the latest specifications, please contact us.