



**-25°C**

# **Biomedical Freezer**

**Model: MDF-25V278W**



## Applications

The -25°C medical deep freezers are designed to store vaccines, blood plasma, reagents, and many other biological materials which are widely used in research institutions, clinics, and medical fields.

## Features

- Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C
- 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.
- 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 failed.

## Humanized design

- Drawers for easy storage.
- Casters with stoppers for easy moving and fixation.



## Specifications

Model NO.	MDF-25V278W
<b>Main Specifications</b>	
Temperature Range	-10 ~ -25 °C
Ambient Temperature	10~32°C
Capacity (L/Cu. Ft.)	278 / 9.82
Interior Dimensions (W×D×H) mm	480×415×1460
Exterior Dimensions (W×D×H) mm	659×600×1694
Weight	105 kgs
Noise	46 dB
<b>Control and Power</b>	
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	220V±10%, 50/60Hz
Power	195 W
Electric Current	1.58 A
Power Consumption (kWh/24h)	2.45
<b>Audible and Visual Alarms</b>	
High / Low Temp. Alarm	Yes
Sensor Error Alarm	Yes
Controller Error Alarm	Yes
Door Ajar Alarm	Yes
<b>Refrigeration</b>	
Refrigeration Type	Direct Cooling
Defrost	Manual
Compressor (Brand/pcs)	Chinese Brand / 1
Refrigerant / Weight	R290 / 54g
<b>Cabinet</b>	
Door (pcs)	Foamed Solid Door / 1
Drawer (pcs)	7
Interior Cabinet Material	Coated Steel
Exterior Cabinet Material	Coated Steel
Insulation Material	PURF (δ85.5mm)
Door Lock	Yes
Test Hole (pcs)	1
Castors (pcs)	4
<b>Accessories</b>	
Temperature Datalogger	Optional
<b>Shipping</b>	
Package	Carton box with pallet
Shipping Weight	120 kgs
Shipping Size (W×D×H)	710×660×1790
Shipping Volume	0.84 CBM

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