

# Combined Refrigerator and Freezer

Model MCD-25L350 / MCD-25L506



Biomedical

This products combines individual refrigerator and freezer together, which can apply the needs of multi-temperature storage. Can be used to store vaccines, medicines, laboratory products and reagent/sample for IVD use. Suitable for hospitals, universities, laboratories, scientific research institutes, electronic industry, chemical industry and military industry.



MCD-25L350

MCD-25L506

## Safer Storage

### Superior Temp. uniformity & Precise control

- Microcomputer Temperature Control System.
- Refrigerator and freezer temperature display independently.
- Two compressors, refrigerator and freezer operate independently.
- Temperature accuracy 0.1°C.
- Temperature uniformity,  $\pm 1.5^\circ\text{C}$ .
- USB port, temp. record traceable.
- Backup battery.

## Advanced Technologies

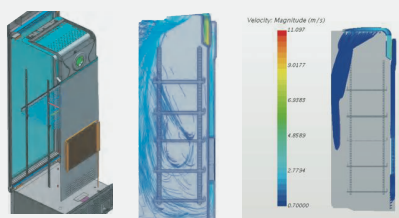
### Reliable & stable performance

- International famous compressor.
- Top cooling system.
- DC turbo fan.
- Built-in air duct.
- LBA forming technology.
- Micro-channel condenser .
- Patented D+ heat exchange technology, high efficiency. and energy saving.

## Humanized Design

### Friendly for daily use

- PVC coated steel shelves for refrigerator.
- Fixed caster + universal wheel.
- Safety lock.
- Easy open handle
- Multi layers gaskets for freezer, better temperature insulation.
- Wide voltage range design.
- Access port.
- Dry contacts.



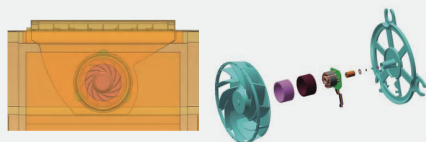
## Top cooling system

Strong cooling airflow from the top to the bottom, works as an air curtain to block the external hot air from entering the refrigerator when door is opening, so as to prevent the temperature in the cabinet from rising rapidly, also contributes better temperature uniformity performance.

Improves temperature uniformity performance by 40%.  
Max interior temperature difference  $\pm 1^\circ\text{C}$ .

Prevent temperature rising rapidly when door is opening.

Energy consumption 47% lower than similar sized normal pharmacy refrigerator .



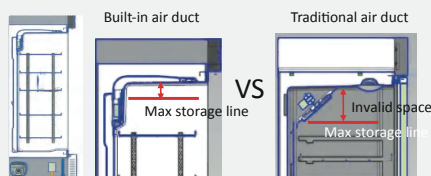
## DC Turbo Fan

Decrease noise level by 8%

Integrated DC Turbo Fan works with smaller vibration and higher efficiency.

Safer for daily use

No strong electric component in chamber, safer & more reliable.



## Built-in air duct

Increase the effective interior space by 10%

Less interior space occupancy.



Built-in air duct plus the Top cooling design, ensure temperature in the top of chamber is cool enough for storage.

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Item	Model No.	MCD-25L350	MCD-25L506
Product Image	Product Image		
	Temperature Range	Fridge:2~8 °C/Freezer:-10~-25°C	Fridge:2~8°C/Freezer:-10~-25°C
Product structure data	Fridge Storage Volume(L)	Fridge: 206 L/Freezer: 144 L	Fridge: 247 L/Freezer: 259 L
	External Material	High quality coated steel	High quality coated steel
	Internal Material	High quality coated steel	High quality coated steel
	Product Dimensions(mm)(wxdxh)	695*655*1920	866*811*1920
	Interior Dimensions(mm)(wxdxh)	Fridge:600*505*690/Freezer:540*480*560	Fridge:680*596*630/Freezer:680*620*650
	Loading Dimensions(mm)(wxdxh)	755*715*2025	905*835*2040
	Net/Gross Weight	106/118	134/155
	Load capacity (40HQ)	24/48	14/28
	Thickness of Foaming layer(mm)	Fridge:45mm/Freezer:90mm	Fridge:45mm/Freezer:75mm
	Foaming agent	Cyclopantane	Cyclopantane
	Packing	Carton	Carton
	Stacking layers	1	1
Technical data	Cooling Type	Fridge: Forced air cooling/Freezer:Direct cooling	Fridge: Forced air cooling/Freezer:Direct cooling
	Defrost type	Fridge: Auto defrost/Freezer:Manual defrost	Fridge: Auto defrost/Freezer:Manual defrost
	Climate Class	N	N
	Rated Voltage/Frequency(V/Hz)	220~240V/50Hz/220~240V/60Hz	220~240V/50Hz
	Rated Power(W)	160	250
	Rated Current(A)	1.8	2.5
	Refrigerant/Amount(g)	Fridge:R600a/38g/Freezer:R290/70g	Fridge:R600a/38g/Freezer:R290/70g
Control	Controller	Microprocessor	Microprocessor
	Display	LED	LED
Product Performance	Temperature uniformity/°C	± 1.5	± 1.5
	Temperature Accuracy	Y	0.1°C
Alarms	Sound Alarm	Y	Y
	Light Alarm	Y	Y
	High Temperature Alarm	Y	Y
	Low Temperature Alarm	Y	Y
	High Ambient Temperature Alarm	Y	Y
	Power Failure Alarm	Y	Y
	Sensor Failure Alarm	Y	Y
	Door ajar Alarm	Y	Y
Remote Alarm	Y	Y	
Accessories	USB	Y	Y
	lock	Y	Y
	Backup Battery	Y	Y
	Shelves/Drawer	Fridge:3/ Freezer:3	Fridge:3/ Freezer:3
	Handle	Grip	Grip
	Cable Port	Y	Y
	Castors/type	Y	Y
Printer	Optional	Optional	

All specifications are subject to change without prior notice.