

Midea Combined Refrigerator and Freezer

This products combines individual refrigerator and freezer together, which can apply the needs of multi-tem perature storage .Suitable for hospitals, university laboratories, scientific research institutes, electronic industry, chemical industry, military industry.



MCD-25L350
Net capacity 350L (R:206L,F:144L)
refrigerator 2-8℃ freezer -10~-25℃



Safer Storage Superior Temp. uniformity& Precise control

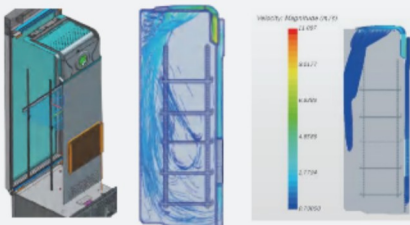
- Microcomputer Temperature Control System.
- Refrigerator and freezer temperature display independently.
- Two compressors, refrigerator and freezer operate independently.
- Temperature accuracy 0.1℃.
- Temperature uniformity, $\pm 1.5\text{℃}$.
- USB port, temp. record traceable.
- Backup battery.

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

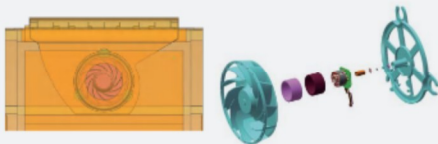
- PVC coated steel shelves for refrigerator.
- Fixed caster + universal wheel.
- Safety lock.
- Easy open handle
- Multi layers gaskets for freezer, better temperature insulation.
- Wide voltage range design.
- Access port.
- Dry contacts.



Top cooling system

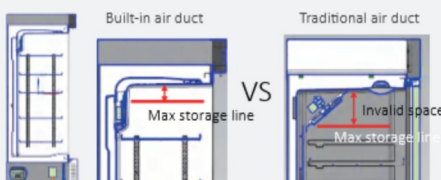
Strong cooling airflow from the top to the bottom, works as an air curtain to block the external hot air from entering the refrigerator when door is opening, so as to prevent the temperature in the cabinet from rising rapidly, also contributes better temperature uniformity performance.

- Improves temperature uniformity performance by 40%.
- Max interior temperature difference $\pm 1\text{℃}$.
- 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.



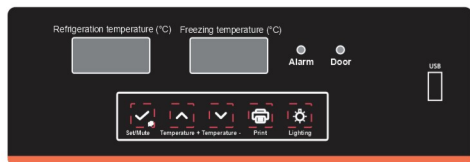
Built-in air duct

- 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.

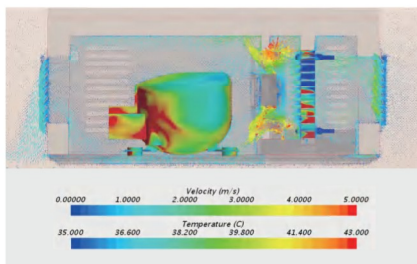
Dual Temperature Control System

Display refrigerator and freezers temperature independently.

Refrigerator and freezer operate individually, each compressor each operate independently.



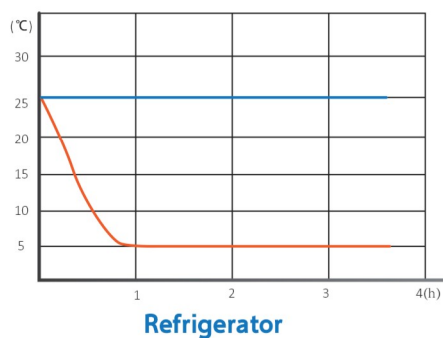
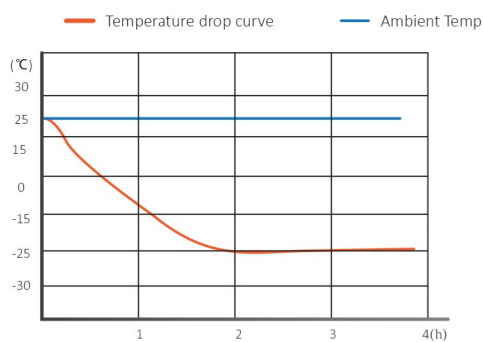
Micro-channel condenser



Compressor overheating protection, effectively improving the service life of the core part.

Powerful heat dissipation for condenser, heat exchange capacity increase by more than 20% than common copper tube fin condenser of other suppliers.

Typical Performance Characteristics at 25°C Ambient



LBA Forming Technology

The world's leading fourth generation foaming agent

More uniform density, Better insulation, more energy-saving.

More reasonable foaming layer design, larger interior storage space.

Item	Model No.	MCD-25L350		
Specification	Compartment	Refrigerator	Freezer	
	Cabinet Type	Upright		
	Door Type	Solid Door		
	Climate Class	N		
	Cooling Type	Forced air cooling	Direct cooling	
	Defrost Mode (Fridge part)	Auto	Manual	
	Compressor type	GMCC/1	GMCC/1	
	Sensor qty	3	1	
	Refrigerant	R600a/28g	R600a/45g	
	Storage Volume(L)	206	144	
	Exterior material	High quality coated steel		
	Interior material	High quality coated steel		
	Insulation	LBA Foaming		
	Dimensions	Insulation (mm)	45	90
Interior Size(mm)		600*505*690	540*480*560	
Exterior size WxDxH (mm)		695*655*1920		
Packing Size with tray (mm)		755*715*2025		
Net Weight		93		
Gross Weight		105		
Packing method		Carton		
Electrical Data	Container load (20' /40'H)	24/48		
	Controller	Microprocessor		
	Display	LED display		
	Temperature Range	2~8 °C	-10 ~ -25 °C	
	Temperature Accuracy	0.1		
	Temperature uniformity/°C	≤3 C		
	Power Supply(V/Hz)	220~240/50	220~240/60	
	Noise dB(A)	45		
	High Temperature Alarm	Y		
	Low Temperature Alarm	Y		
Alarm Functions (Visible & Audible)	Power Failure Alarm	Y		
	Sensor Failure Alarm	Y		
	Ambient Temperature Alarm	Y		
	Door ajar alarm	Y		
	Remote Alarm	Y		
	Low battery Alarm	Y		
	USB Interface	Y		
Accessories	RS485	Y		
	Shelves/Drawers	3	3	
	Self lock	Y		
	Cable port	Y/1	Y/1	
	Castor	Y		
Backup Battery	Y			