

# 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-40L350**

**Net capacity 350L (R:206L,F:144L)**  
**refrigerator 2-8°C freezer -20--40°C**

### Safer Storage Superior Temp. uniformity & Precise control

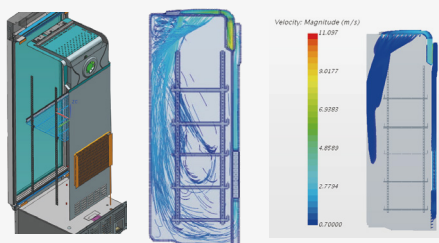
Microcomputer Temperature Control System. Refrigerator and freezer temperature display independently.  
 Two compressors, refrigerator and freezer operate independently.  
 Temperature accuracy 0.1°C.  
 Temperature uniformity, ± 1.5°C.  
 USB port, temp. record traceable.  
 Backup battery.

### 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.

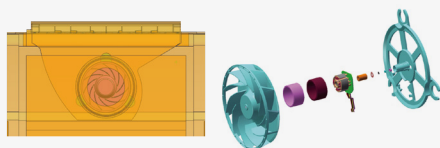
### Humanized Design Friendly for daily use

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



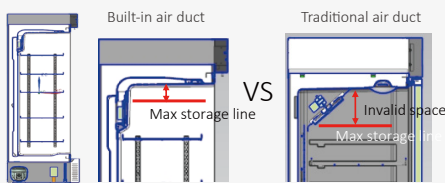
### Top cooling system

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%.  
 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

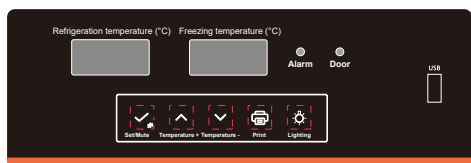
Increase the effective interior space by 10%  
 Less interior space occupancy.  
 Built-in air duct plus the Top cooling design, ensure temperature in the top of chamber is cool enough for storage.

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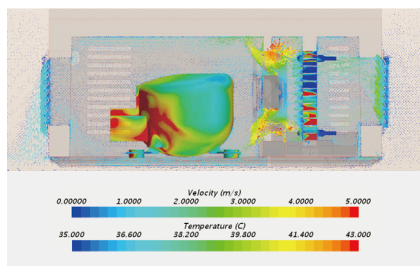
## Dual Temperature Control System

Display refrigerator and freezers temperature independently.

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

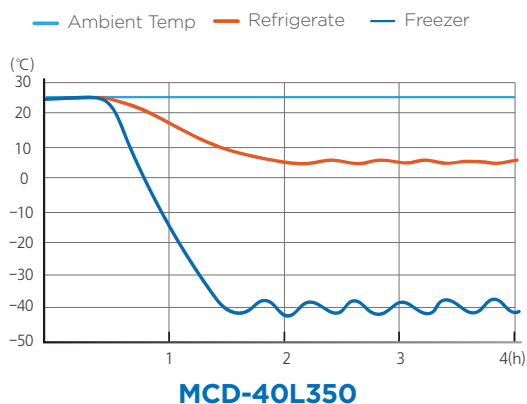


## Micro-channel condenser



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-40L350
Product data	Temperature Range	R:2-8 °C / F:-20--40 °C
	Fridge Storage Volume(L)	R: 206 L / F: 144 L
	External Material	High quality coated steel
	Internal Material	High quality coated steel
	Product Dimensions(mm)(wxdxh)	695*655*1920
	Interior Dimensions(mm)(wxdxh)	"Fridge:600*505*690/Freezer:540*480*560"
	Net/Gross Weight	106/118
	Packing	Carton
Technical data	Cooling Type	R: Forced air cooling / F:Direct cooling
	Defrost type	R: Auto defrost F:Manual defrost
	Climate Class	N
	Noise dB(A)	45
	Rated Voltage/Frequency(V/Hz)	220-240V/50Hz
	Rated Power(W)	350
	Rated Current(A)	2
	Refrigerant/Amount(g)	R:R600a/28g / F:R600a/45g
	Sensor Type	NTC
	Control	Controller
Display		LED Display
Product Performance	Temperature uniformity/°C	R:±1.5 C / F:±1.5 C
	Temperature Accuracy	0.1 C
Multi Alarms	High Temperature Alarm	Y
	Low Temperature Alarm	Y
	High Ambient Temperature Alarm	Y
	Power Failure Alarm	Y
	Sensor Failure Alarm	Y
	Door ajar Alarm	Y
	Remote Alarm	Y
Accessories	USB	Y
	Backup Battery	Y
	Backup Battery endurance	24h
	Shelves/Drawer	R:3/ F:3
	Cable Port	R:1/ F:1
	Castors/type	4/front 2 wheels lockable
	Printer	Optional