

# Midea -40°C Biomedical Freezer

Midea freezers can be used in hospitals, epidemic prevention stations, universities, scientific research institutes, and electronic chemical industry enterprise labs. It is strictly prohibited to store flammable and explosive dangerous goods, strong acids, strong alkalis and other corrosive goods.



MD-40L518



## Safer Storage Superior Temp. uniformity & Precise control

Microcomputer Temperature Control System.  
Temperature accuracy 0.1°C.  
Temperature uniformity  $\leq 3^\circ\text{C}$ .  
USB port, temperature and alarm records traceable.  
Multi-alarm functions.

## Humanized Design Friendly for daily use

Fixed caster + universal wheel.  
Safety lock.  
Easy open handles  
Multi layers gaskets better temperature insulation.

Wide voltage range design.  
Cable port.  
Remote alarm contact.  
Anti-condensation door.

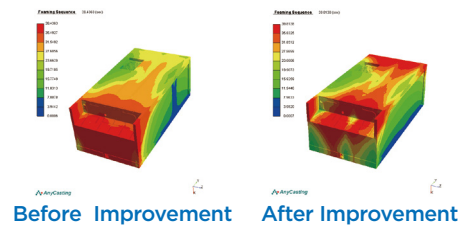
### Two independent cooling system

The upper and lower chambers can be controlled independently;  
Temperature range between:  $-20^\circ\text{C}$  -  $-40^\circ\text{C}$ ;  
LED control panel is easy to operate, the temperature and alarm settings can be adjust on the panel.



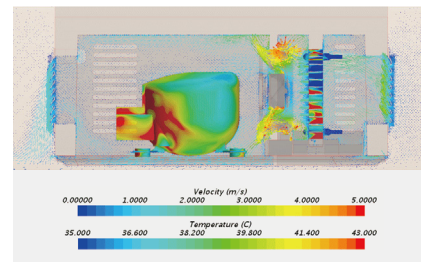
### LBA Forming Technology

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.



### Micro-channel condenser

Powerful heat dissipation for condenser, heat exchange capacity increase by more than 20% than common copper tube fin condense.  
Excellent compressor overheating protection, effectively improve the service life of core parts.




### Three-dimensional seal

The unique three-dimensional seal, through the double-layer door seal and the multi-layer airbag sealing design, can effectively reduce the leakage of cold air and achieve best thermal insulation performance.



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Item	Model No.	MD-40L518
Product Image	Product Image	
Product structure data	Temperature Range	-20--40°C
	Fridge Storage Volume(L)	518 L
	External Material	High quality coated steel
	Internal Material	High quality coated steel
	Product Dimensions(mm)(wxdxh)	866*811*1920
	Interior Dimensions(mm)(wxdxh)	680*620*650 680*620*650
	Packing Dimensions(mm)(wxdxh)	905*835*2040
	Loading Dimensions(mm)(wxdxh)	905*835*2040
	Net/Gross Weight	142/164
	Load capacity (40HQ)	14/28
	Thickness of Foaming layer(mm)	75
	Foaming agent	Cyclopentane
	Packing	Carton
	Stacking layers	1
Technical data	Cooling Type	Direct cooling
	Defrost type	Manual
	Climate Class	N
	Noise dB(A)	58
	Rated Voltage/Frequency(V/Hz)	220-240V/50/60Hz
	Rated Power(W)	450
	Rated Current(A)	3.8
	Refrigerant/Amount(g)	R290,70g*2
Control	Controller	Microprocessor
	Display	LED display
Product Performance	Temperature Accuracy	0.1 °C
	Temperature uniformity/°C	3°C
Alarms	Sound Alarm	Y
	Light Alarm	Y
	Power Failure Alarm	Y
	Sensor Failure Alarm	Y
	Environment Temperature Alarm	Y
	Door ajar Alarm	Y
	High Temperature Alarm	Y
	Low Temperature Alarm	Y
	Remote Alarm	Y
Accessories	USB	Y
	Anti-condensation Door lock	Y
	Backup Battery	24h
	Handle	easy open handle
	Shelves/Drawers Qty	12 drawers
	Cable Port	Y
	Castors/type	Y