

# -40°C Biomedical Freezer



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.

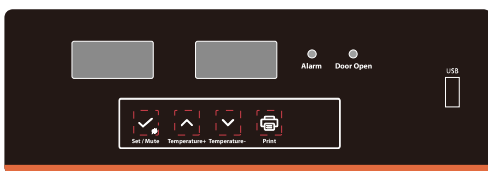
## Humanized Design Friendly for daily use

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.

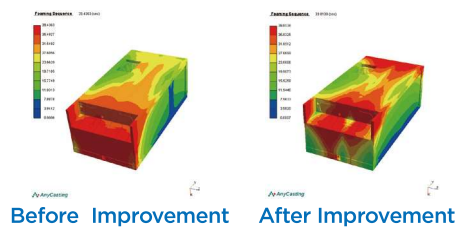
## Two independent cooling system

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.



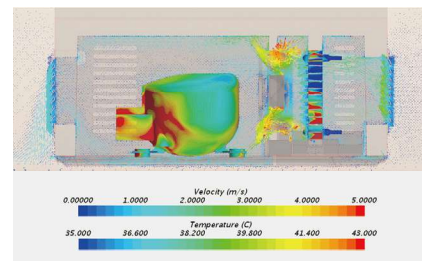
## LBA Forming Technology

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.



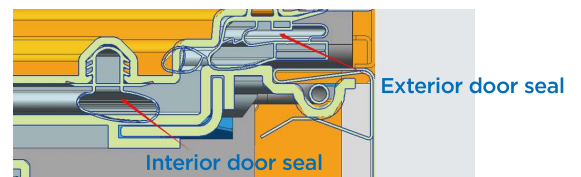
## Micro-channel condenser

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/50Hz
	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