

Suitable to store vaccines, medicines and laboratory products and reagent/sample for IVD use at 2°C to 8°C temperature range. Application could be found at pharmacies, pharmaceutical factories, hospitals, CDC, clinics, laboratories. Leading technologies for Safer storage and higher temperature stability.



MC-5L42



MC-5L126

Safer Storage

Superior Temp. uniformity& Precise control

- Microcomputer temperature control.
- LED display.
- Temperature accuracy 0.1°C
- Temperature variation ≤2°C
- Temperature uniformity ± 1°C
- Audible & visual alarm systems.

Advanced Technologies

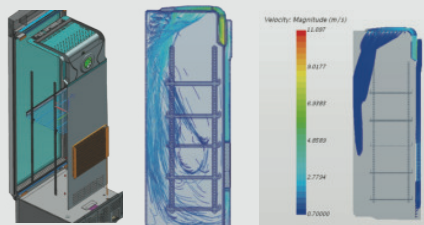
Reliable & stable performance

- 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

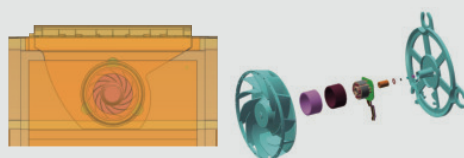
- Electric heating glass door.
- Door self-close.
- Adjustable shelves with label
- Holder.
- Porthole.
- Adjustable LED light.
- Wide voltage range design.



Top cooling system

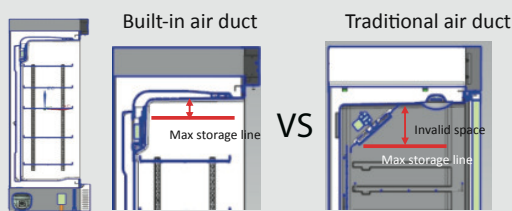
Strong cooling airflow from the top to the bottom, works as an air curtain to block the external hot air from entering the refrigerator when door is opening, so as to prevent the temperature in the cabinet from rising rapidly, also contributes better temperature uniformity performance.

Improves temperature uniformity performance by 40%.
Max interior temperature difference±1°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

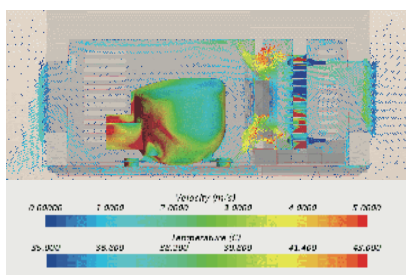
Increase the effective interior space by 10%.
Less interior space occupancy.
Built-in air duct plus the Top cooling design, ensure temperature in the top of chamber is cool enough for storage.

LED Display

Display real-time temperature

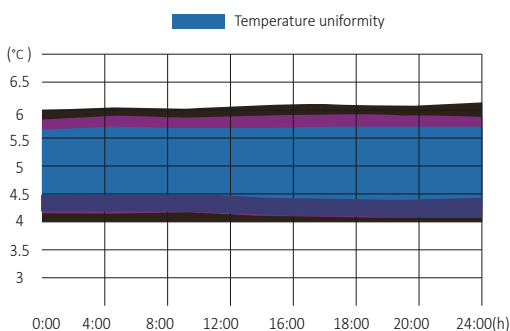
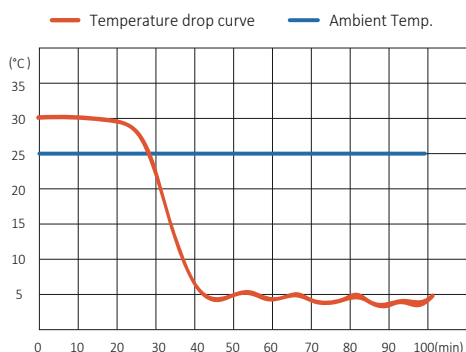


Micro-channel condenser



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.	MC-5L42	MC-5L126
Dimensions	Load capacity (40HQ)	384	162
	Fridge Storage Volume(L)	42	126
	Product Dimensions(mm)(wxdxh)	480*450*550	595*615*810
	Interior Dimensions(mm)(wxdxh)	400*345*380	505*467*620
Technical Data	Net/Gross Weight	25/27	43/48
	Cooling Type	Forced air cooling	Forced air cooling
	Defrost type	No frost	No frost
	Climate Class	N	N
	Refrigerant/Amount(g)	R600/18g	R600/26g
	Compressor type	Fixed frequency	Fixed frequency
Product Performance	Sensor Qty	2	3
	Temperature Range	2 ~ 8°C	2 ~ 8°C
	Temperature uniformity/°C	3.5	2
	Temperature volatility/°C	3	2
Control	Temperature Accuracy	0.1	0.1
	Controller	Microprocessor	Microprocessor
	Display	LED (Temperature)	LCD Display
Electrical data	Rated Current(A)	0.75	1
	Rated Power(W)	65	75
Alarms	Power Failure Alarm	Y	Y
	Sensor Failure Alarm	Y	Y
	Environment Temp. Alarm	Y	N
	Door ajar Alarm	Y	Y
	High Temperature Alarm	Y	Y
	Low Temperature Alarm	Y	Y
	Remote Alarm	Optional	Y
Accessories	Shelves/Drawers Qty	1/1	2/1
	Anti-condensation Door	LOW-E glass	LOW-E glass
	Self-lock	N	Y
	Label Card Holder	Optional	Optional
	Cable Port	N	Y
	Castors/type	N	N
	USB	Y	Optional
	RS-485 Port	Y	N
	Printer	Optional	N
Backup Battery	Y	Y	

All specifications are subject to change without prior notice.