

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.





Safer Storage Superior Temp. uniformity& Precise control

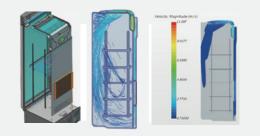
- · Microcomputer temperature control.
- · Dual display, temperature & Humidity
- Temperature accuracy 0.1°C
- Temperature variation ≤2°.C
- · Temperature uniformity \pm 1.5°C.
- · USB port, temp. record traceable.
- Backup battery.
- Audible & visual alarm systems.

Advanced Technologies Reliable & stable performance

- · International famous inverter 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

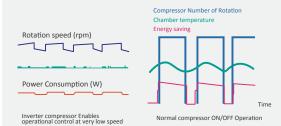
- Electric heating glass door.
- Door self-close.
- Adjustable shelves with label holder.
- Porthole.
- Adjustable LED light.
- Wide voltage range design.



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.



Inverter Compressor

Improve cooling performance. Reduce energy consumption by 15%. Decrease noise level. 20% higher quick-cooling ability. Interior temperature variation within 2°C.



Midea 2~8°C Laboratory Refrigerator Model MC-5L416 / MC-5L756 / MC-5L1006

DC Turbo Fan

IDecrease 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 Display

50

Built-in air duct

Display real-time Temperature & Humidity.

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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.

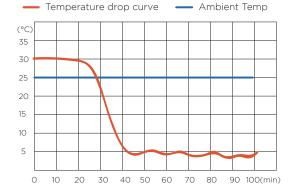
Micro-channel condenser

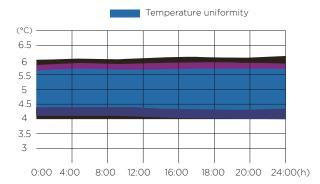


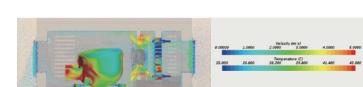
Compressor overheating protection, effectively improving the service life of the core part.

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











Tradi onal air duct

ace



TECH-LAB



Defrost typeNo frostNo frostClimate ClassNNNRefrigerant/Amount(g)R600/36gR600a/48gR600a/60gCompressor typeInverterInverterSensor Qty666Temperature Range2 ~ 8°C2 ~ 8°C2 ~ 8°CProductTemperature uniformity/°C233PerformanceTemperature volatility/°C222ControlO.10.10.10.1DisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)	ltem	Model No.	MC-5L416	MC-5L756	MC-5L1006
DimensionsProduct Dimensions(mm)(wxdxh)690*653*1920970*808*19201220*808*1920Interior Dimensions(mm)(wxdxh)595*514*1343880*634*13541130*634*1354Net/Gross Weight88/100140/170220/260Cooling TypeForced air coolingForced air coolingForced air coolingDefrost typeNo frostNo frostNo frostClimate ClassNNNRefrigerant/Amount(g)R600/36gR600a/48gR600a/60gCompressor typeInverterInverterInverterSensor Qty666ProductTemperature Range2 ~ 8°C2 ~ 8°CPerformanceTemperature volatility/°C233ControlControllerMicroprocessorMicroprocessorMicroprocessorControlDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Failure AlarmYYYForwer Failure AlarmYYYY	Dimensions	Load capacity (40HQ)	47	38	21
Interior Dimensions(mm)(wxdxh)595*514*1343880*634*13541130*634*1354Net/Gross Weight88/100140/170220/260Cooling TypeForced air coolingForced air coolingForced air coolingDefrost typeNo frostNo frostNo frostClimate ClassNNNNRefrigerant/Amount(g)R600/36gR600a/48gR600a/60gCompressor typeInverterInverterInverterSensor Qty6666Temperature Range2 ~ 8°C2 ~ 8°C2 ~ 8°CProductTemperature uniformity/°C233PerformanceTemperature volatility/°C222Temperature Accuracy0.10.10.10.1ControlDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220~240V /50~60 HZ220~240V /50~60 HZ220~240V /50~60 HZSensor Failure AlarmYYYYYEnvironment Temp. AlarmYYYY		Fridge Storage Volume(L)	416	756	1006
Net/Gross Weight88/100140/170220/260Cooling TypeForced air coolingForced air coolingForced air coolingDefrost typeNo fostNo frostNo frostClimate ClassNNNRefrigerant/Amount(g)R600/36gR600a/48gR600a/60gCompressor typeInverterInverterInverterSensor Qty666Temperature Range2~8°C2~8°C2~8°CPerformanceTemperature volatility/°C233Temperature volatility/°C0.10.10.10.1ControlDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)220~240V /50~60 HZFlectrical dataPower Supply260320350350Power Failure AlarmYYYYYEnvironment Temp. AlarmYYYYY		Product Dimensions(mm)(wxdxh)	690*653*1920	970*808*1920	1220*808*1920
Cooling TypeForced air coolingForced air coolingForced air coolingDefrost typeNo frostNo frost <td>Interior Dimensions(mm)(wxdxh)</td> <td>595*514*1343</td> <td>880*634*1354</td> <td>1130*634*1354</td>		Interior Dimensions(mm)(wxdxh)	595*514*1343	880*634*1354	1130*634*1354
Defrost typeNo frostNo frostNo frostClimate ClassNNNRefrigerant/Amount(g)R600/36gR600/48gR600/60gCompressor typeInverterInverterInverterSensor Qty6666Temperature Range2 ~ 8°C2 ~ 8°C2 ~ 8°CProductTemperature uniformity/°C233Temperature volatility/°C2333Temperature Accuracy0.10.10.10.1ControlControllerMicroprocessorMicroprocessorMicroprocessorElectrical dataPower Supply220~240V /50~60 HZ220~240V /50~60 HZ220~240V /50~60 HZPower Failure AlarmYYYYEnvironment Temp. AlarmYYYY		Net/Gross Weight	88/100	140/170	220/260
Technical dataClimate ClassNNRefrigerant/Amount(g)R600/36gR600a/48gR600a/60gCompressor typeInverterInverterInverterSensor Qty666Temperature Range2~8°C2~8°C2~8°CProductTemperature uniformity/°C233Temperature volatility/°C2222Temperature volatility/°C0.10.10.11ControlControllerMicroprocessorMicroprocessorMicroprocessorElectrical dataPower Supply220°240V/50°60 HZ220°240V/50°60 HZ220°240V/50°60 HZSensor Failure AlarmYYYYEnvironment Temp. AlarmYYYY	Technical data	Cooling Type	Forced air cooling	Forced air cooling	Forced air cooling
Technical data Refrigerant/Amount(g) R600/36g R600a/48g R600a/60g Compressor type Inverter Inverter Inverter Inverter Inverter Inverter Sensor Qty 6<		Defrost type	No frost	No frost	No frost
Refrigerant/Amount(g)R600/36gR600a/48gR600a/60gCompressor typeInverterInverterInverterSensor Qty6666Temperature Range2~8°C2~8°C2~8°C2~8°CPerformanceTemperature uniformity/°C2333Temperature volatility/°C23333ControlController0.10.10.10.10.1Electrical dataPower Supply220~240V /50~60 HZ220~240V /50~60 HZ220~240V /50~60 HZ220~240V /50~60 HZ350Power Failure AlarmYYYYYYYYYEnvironment Temp. AlarmYYYYYYYYYYEnvironment Temp. AlarmYYYYYYYYYYY		Climate Class	Ν	Ν	Ν
Sensor Qty66Temperature Range2~8°C2~8°C2~8°CPerformanceTemperature uniformity/°C233Temperature volatility/°C2222Temperature volatility/°C0.10.10.10.1ControlMicroprocessorMicroprocessorMicroprocessorMicroprocessorMicroprocessorElectrical dataPower SupplyLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220~240V /50~60 HZ220~240V /50~60 HZ220~240V /50~60 HZPower Failure AlarmYYYYEnvironment Temp. AlarmYYYY		Refrigerant/Amount(g)	R600/36g	R600a/48g	R600a/60g
Product PerformanceTemperature Range2~8°C2~8°C2~8°C2~8°CTemperature uniformity/°C2333 </td <td>Compressor type</td> <td>Inverter</td> <td>Inverter</td> <td>Inverter</td>		Compressor type	Inverter	Inverter	Inverter
Product PerformanceTemperature uniformity/°C233Temperature volatility/°C2222Temperature volatility/°C0.10.10.10.1ControlControllerMicroprocessorMicroprocessorMicroprocessorMicroprocessorDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220°240V /50°60 HZ220°240V /50°60 HZ220°240V /50°60 HZPower Failure AlarmYYYYSensor Failure AlarmYYYYEnvironment Temp. AlarmYYYY		Sensor Qty	6	6	6
PerformanceTemperature volatility/°C22Temperature Accuracy0.10.10.1ControlControllerMicroprocessorMicroprocessorDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220~240V /50~60 HZ220~240V /50~60 HZRated Power(W)260320350Sensor Failure AlarmYYYEnvironment Temp. AlarmYYY		Temperature Range	2 ~ 8°C	2 ~ 8°C	2 ~ 8°C
Temperature Accuracy0.10.1ControlControllerMicroprocessorMicroprocessorDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220°240V /50°60 HZ220°240V /50°60 HZPower Failure AlarmYYYSensor Failure AlarmYYYEnvironment Temp. AlarmYYY		Temperature uniformity/°C	2	3	3
ControlControllerMicroprocessorMicroprocessorMicroprocessorDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220°240V /50°60 HZ220°240V /50°60 HZRated Power(W)260320350Power Failure AlarmYYYSensor Failure AlarmYYYEnvironment Temp. AlarmYYY		Temperature volatility/°C	2	2	2
ControlDisplayLED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220°240V /50°60 HZ220°240V /50°60 HZ220°240V /50°60 HZRated Power(W)260320350350Power Failure AlarmYYYYSensor Failure AlarmYYYYEnvironment Temp. AlarmYYYY		Temperature Accuracy	0.1	0.1	0.1
LED(Temp. &Humidity)LED(Temp. &Humidity)LED(Temp. &Humidity)Electrical dataPower Supply220°240V /50°60 HZ220°240V /50°60 HZRated Power (W)260320350Power Failure AlarmYYYSensor Failure AlarmYYYEnvironment Temp. AlarmYYY	Control	Controller	Microprocessor	Microprocessor	Microprocessor
Rated Power(W) 260 320 350 Power Failure Alarm Y Y Y Sensor Failure Alarm Y Y Y Environment Temp. Alarm Y Y Y		Display	LED(Temp. &Humidity)	LED(Temp. &Humidity)	LED(Temp. &Humidity)
Rated Power(W)260320350Power Failure AlarmYYYSensor Failure AlarmYYYEnvironment Temp. AlarmYYY	Electrical data	Power Supply	220~240V /50~60 HZ	220~240V /50~60 HZ	220~240V /50~60 HZ
Sensor Failure AlarmYYYEnvironment Temp. AlarmYYY		Rated Power(W)	260	320	350
Environment Temp. Alarm Y Y Y	Alarms	Power Failure Alarm	Υ	Y	Υ
		Sensor Failure Alarm	Υ	Y	Y
Alarms Door ajar Alarm Y Y Y		Environment Temp. Alarm	Υ	Y	Y
		Door ajar Alarm	Υ	Y	Υ
High Temperature AlarmYYY		High Temperature Alarm	γ	Y	Y
Low Temperature Alarm Y Y Y		Low Temperature Alarm	γ	Y	Y
Remote Alarm Optional Optional Optional		Remote Alarm	Optional	Optional	Optional
Shelves/Drawers Qty 5 10 10	Accessories	Shelves/Drawers Qty	5	10	10
Anti-condensation Door Electrical heating Electrical heating Electrical heating Electrical heating		Anti-condensation Door	Electrical heating	Electrical heating	Electrical heating
Self-lock Y Y Y		Self-lock	Υ	Y	Y
Label Card Holder Y Y Y		Label Card Holder	γ	Y	Y
Cable Port Y Y Y		Cable Port	Υ	Y	Y
Accessories Castors/type 4/Omni-directional 4/Omni-directional 4/Omni-directional		Castors/type	4/Omni-directional	4/Omni-directional	4/Omni-directional
USB Y Y Y		USB	Υ	Y	Y
RS-485 Port Y Y Y		RS-485 Port	Υ	Υ	Y
Printer Optional Optional Optional		Printer	Optional	Optional	Optional
Backup Battery Y Y Y		Backup Battery	Y	Y	Y
Backup Battery endurance 24h 24h 24h		Backup Battery endurance	24h	24h	24h

All specifications are subject to change without prior notice.