Under Counter Pharmacy Refrigerator

Midea Biomedical



MC-5L126

Compact Design

Space-optimized for confined environments: Ideal for small labs/policy institutes, fits seamlessly under workbenches

Eco-Efficient Cooling

R600a (HC)refrigerant:Near-zero GWP
Energy consumption: ≤0.78kWh/24h

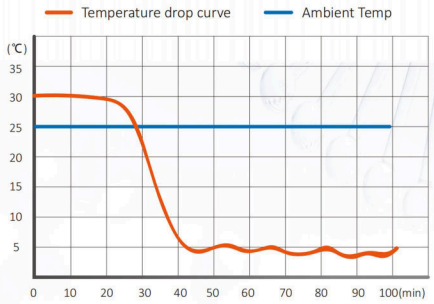
Precision Temp. Control

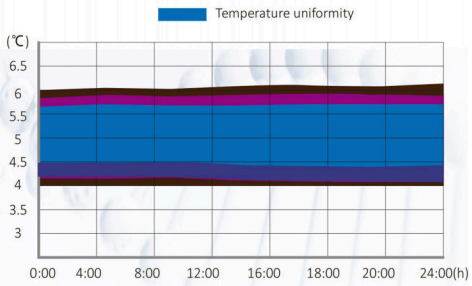
Uniformity of ±1°C: Ensures sample integrity throughout the chamber

LCD Display



Typical Performance Characteristics at 25 ℃ Ambient





Multiple Alarm

Multi-tier alerts (audible/visual/remote) with power/sensor/door/high/low temp ./battery monitoring

Std: USB | Opt: RS485

Low E Glass
Opt:Electrically Heated Door

Opt:Reversible Door

Mounted Handle

Forced-Air Cooling

No Frost

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Technical Data Sheet
High-Performance, Medical-grade Refrigerator
Model: MC-5L126, Pharmacy Refrgerator

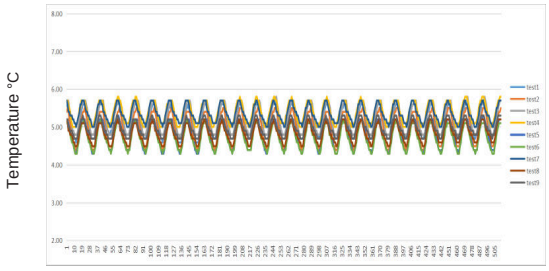
Application, Rating, & Electrical Data	
Application	Pharmacy refrigerator
Storage Volume（L/Cu.Ft）	126/4.45
Temperature Range	2°C to 8°C/ 35.6°F to 46.4°F
Default Set Point	+5°C
Power	115～V/60Hz | 220-240～V/50Hz| 220-240～V/60Hz
Current	2A | 1A | 1A
Power Cord Length	1.7m
Certification	CE/ UL/ ENERGY STAR/ NSF/ANSI 456
Door type	LOW-E Glass/Electrically Heated Glass Door optional
Application Environment	Non-corrosive, non-flammable, non-explosive
Ambient Operating Temperature	+16°C to +32°C
Refrigeration	
Refrigeration System	Forced-air/hydrocarbon Refrigerant
Compressor	Hermetic
Condenser Type	Air-cooled
Expansion Device	Capillary tube
Evaporator Type	Fin and tube
Defrost Method	Automatic
Refrigerant	R600a
Controller / Configuration Settings	
Display screen	LCD
Controller Type	Microprocessor
Security	Lockable door, protected settings
Control Sensor	NTC
Communication Ports	USB, Remote alarm contacts
Power Failure Alarm	Yes
High/Low Alarms	Yes, fully adjustable
Door Ajar Alarm	Yes, fully adjustable
Min/Max Temperature	Yes, display and reset
Download	Yes, via USB. PDF
Temperature Log	Yes, download via USB
RS485	Optional
Battery Back-up	Yes, 20 hr（built-in coin battery）

Dimensions	
Interior (w*d*h)	505*467*620 mm
Exterior (w*d*h)	595*615*810 mm
Access Port	Access Port- for external monitoring probe(s) (25 mm diameter)
Shelves	3 | 35 kg max capacity/shelf
Wheels	leveling feet
Net Weight	43 kg
Gross Weight	48 kg

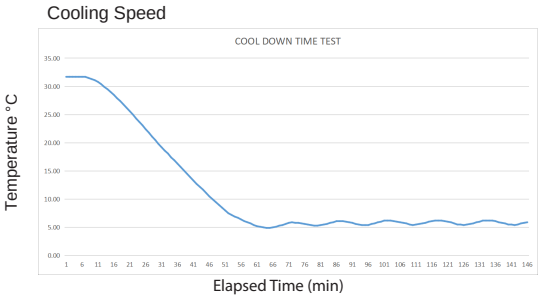
Performance Characteristics (normal operating conditions)		
Uniformity | （°C）	±1.0	
Recovery to 8°C after 1 min door opening | （min）	9	
Temperature fluctuation | （℃）	≤2	
Energy consumption | （kWh/day）	CE/0.78	UL/1.2
Noise emission | （dB）	45	
Heat rejection | （BTU/hr）	634	
Pull-down time to 6°C | （min）	80	

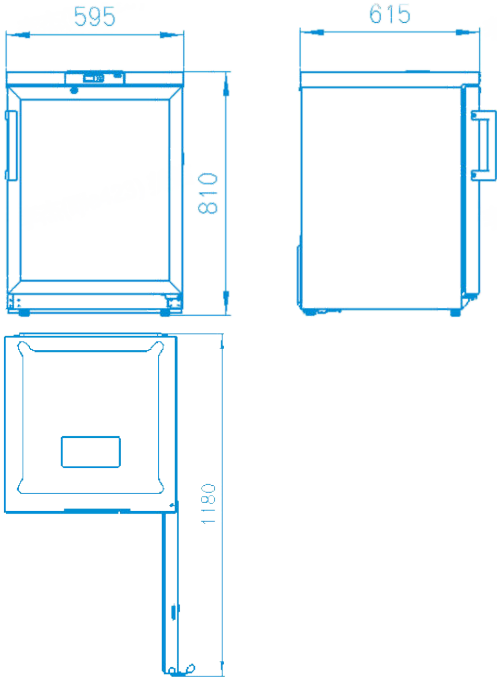
All performance data from 126L refrigerator, 25 ambient, 5.0℃

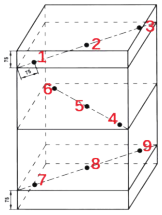
Uniformity



Cooling Speed







Location of test probes

Typical Temperature Map

	test1	test2	test3	test4	test5	test6	test7	test8	test9
Avg	4.88	5.24	5.15	4.13	4.32	4.92	4.71	4.78	5.37
Max	5.30	5.60	5.50	4.80	4.70	5.20	5.00	5.10	5.70
Min	4.40	4.90	4.70	3.50	4.00	4.60	4.40	4.40	5.10

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