



MC-5L1366B



Dual Cooling&Dual Guard

Inverter compressor ×2, Inverter fan ×4, Condensor fan ×2; Independent systems: One fails, the other one still maintains 2-8°C (Ambient temperature 25°C).



Super & Even Cooling

80Mins Rapid Cooling (32°C→6°C) & ±1°C Uniformity.



Flexvolt(175V~265V)

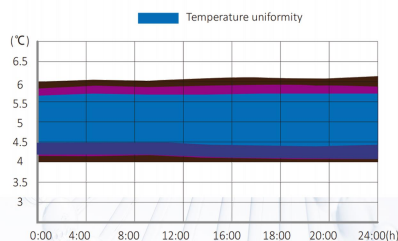
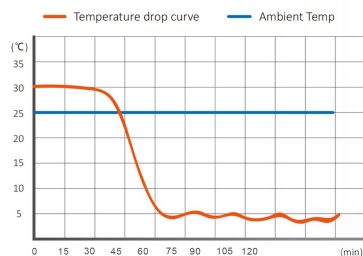
Stable operation at 175-265V, 50/60Hz.



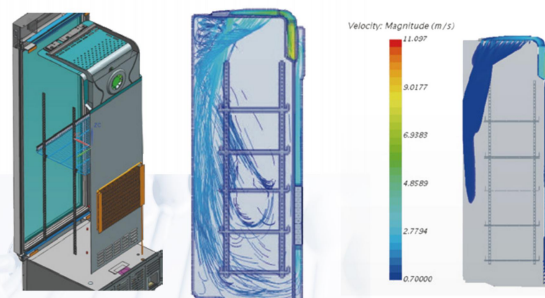
Energy-Saving & Low Noise

5.9kWh/24h Power Consumption & 35dB Low Noise.

Typical Performance Characteristics at 25 °C Ambient



Top Cooling System

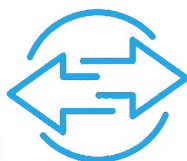


Dual Display



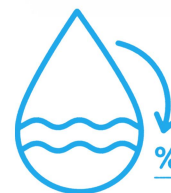
R600a Refrigerant

Environmentally friendly refrigerant



Universal Interface

- ① Dual test ports (Ø25mm)
- ② USB datalogger output
- ③ NO/NC alarm relays
- ④ RS485 Optional



Auto Humidity Stabilization

Auto-Maintains 35%-75% (Ambient 16°C-32°C)



HEMF-LiB

Last 40hrs when power off.



304 Stainless Steel



10 Sensors

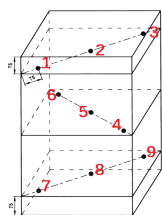
Support multiple alarms

Application, Rating, & Electrical Data	
Application	Pharmacy refrigerator
Storage Volume (L/co.ft)	1366/48.24
Temperature Range	2°C~8°C
Default Set Point	+5°C
Power	220-240~V/50Hz/60Hz
Current	4.7A
Power Cord Length	1.7m
Certification	CE
Door type	Tempered Glass Door+Auto Door Heating/Double Door
Application Environment	Non-corrosive, non-flammable, non-explosive
Ambient Operating Temperature	16°C ~32°C

Refrigeration	
Refrigeration System	Forced-air/hydrocarbon Refrigerant/Dual Cooling System
Compressor	Inverter
Condenser Type	Force air-cooled
Expansion Device	Capillary tube
Evaporator Type	Fin and tube
Defrost Method	Auto Defrost
Refrigerant	R600a

Controller / Configuration Settings	
Display screen	LED
Controller Type	Microprocessor
Security	Lockable door, password protected settings
Control Sensor	NTC
Communication Ports	USB/Remote alarm contacts/RS485 Optional
Temperature Monitor	Yes
Battery Back-up	Yes, 40 hr for display and alarm back-up Li-ion battery
Multiple Alarms	High temperature alarm;Low temperature alarm; Ambient temperature high alarm; Control sensor fault; Display sensor fault; Ambient temperature sensor fault; Defrost sensor fault;Humidity sensor fault; Ambient humidity sensor fault; Defrost sensor 2 fault; Control sensor 2 fault; Door open alarm; Power failure alarm; Low battery alarm; Communication alarm;Refrigeration system 1 fault; Refrigeration system 2 fault .

Dimensions	
Interior (w*d*h)mm	1410*660*1540 mm
Exterior (w*d*h)mm	1500*895*1925 mm Net depth: 820mm (excl. handle & rear support)
Access Port	Two Access Port- for external monitoring probe(s) (25 mm diameter)
Shelf	12 35 kg max capacity/shelf
Wheels	Braking swivel castors*5 + adjustable leveling feet*2
Net Weight	227 kg
Gross Weight	271 kg



Location of test probes

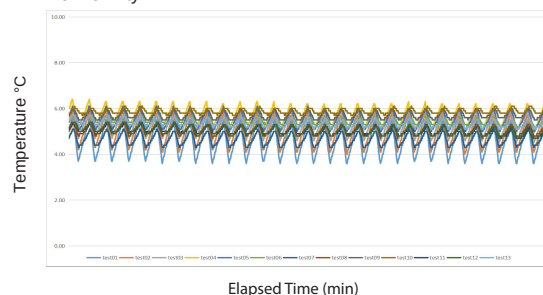
Typical Temperature Map

	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

Performance Characteristics (normal operating conditions)	
Uniformity (°C)	≤2
Recovery to 8°C after 1 min door opening (min)	7
Temperature fluctuation (°C)	≤3
Energy consumption (kWh/day)	5.9
Noise emission (dB)	35
Heat rejection (BTU/hr)	1259
Pull-down time to 6°C (min)	80

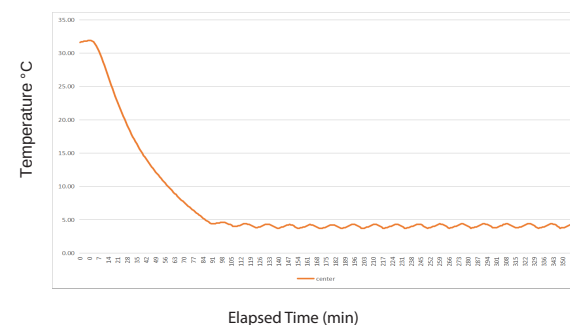
All performance data from 1366L refrigerator, 25 ambient, 5.0°C

Uniformity

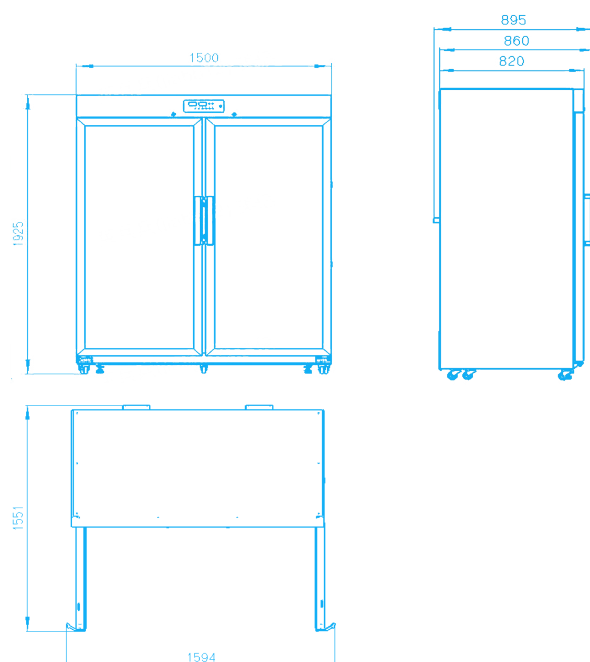


Elased Time (min)

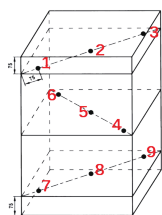
Cooling Speed



Elased Time (min)



Application, Rating, & Electrical Data	
Application	Pharmacy refrigerator
Storage Volume (L/Cu.Ft)	216/7.63
Temperature Range	2°C to 8°C/35.6°F to 46.4°F
Default Set Point	+5°C
Power Supply	110-240~V/50Hz/60Hz
Current	2A (100V) 4A(240V)
Power Cord Length	1.7m
Certification	CE
Door type	Electrically Heated Glass Door
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	Cap tube
Evaporator Type	Fin and tube
Defrost Method	Automatic
Refrigerant	R600a
Controller / Configuration Settings	
Display screen	LED
Controller Type	Microprocessor
Security	Lockable door, password protected settings
Control Sensor	NTC, stainless steel
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
Temperature Monitoring Ballast	Yes
Battery Back-up	Yes, 40 hr display and alarm back-up Rechargeable 12V, Li-ion
Dimensions and Construction	
Interior (w*d*h)mm	497*440*1150 mm
Exterior (w*d*h)	595*597*1452 mm
Access Port	Access Port- for external monitoring probe(s) (25 mm diameter)
Shelves	4 35 kg max capacity/drawer
Wheels	4, two swivel casters + two leveling feet
Net Weight	61 kg
Gross Weight	67 kg



Location of test probes

Typical Temperature Map

	test1	test2	test3	test4	test5	test6	test7	test8	test9
Avg	4.52	4.09	4.26	4.62	4.69	4.43	4.49	4.76	5.72
Max	5.30	5.80	4.80	5.10	5.10	4.90	4.90	5.10	6.00
Min	3.80	3.40	3.80	4.20	4.30	4.10	4.20	4.50	5.40

Performance Characteristics (normal operating conditions)	
Uniformity (°C)	±1.5
Recovery to 8°C after 1 min door opening (min)	9
Temperature fluctuation (°C)	<3
Energy consumption (kWh/day)	1.5
Noise emission (dB)	35
Heat rejection (BTU/hr)	320
Pull-down time to 6°C (min)	70

All performance data from 216L refrigerator, 25°C ambient, 5.0°C

