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Midea Biomedical
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Midea MC-5L416

+5°C Premium Pharmazeutischer Kühlschrank inklusive Glastür

- 416 Liter mit geregelter Umluftkühlung
- DIN 13277 konform
- Mikroprozessor gesteuertes LED-Digitaldisplay
- Glastür
- LED-Innenlicht
- Umweltfreundliches Kältemittel (R600a) mit einem sehr geringen Energieverbrauch
- Anzeige der Temperatur und Luftfeuchtigkeit
- Abschließbar
- Optische und Akustische Alarme für Temperaturabweichungen und andere Gerätezustände
- Sehr homogene Temperaturverteilung durch geregeltes Umluftkühlsystem ($\pm 2^{\circ}\text{C}$)
- Automatisches Abschalten bei öffnen der Fronttür
- Automatische Abtaufunktion mit Tauwasserverdunstung
- Sehr leise, lediglich 40 dB(A) für ein angenehmes Arbeiten
- Selbstschließende Tür
- Kabeldurchführung
- Potentialfreier Kontakt
- USB-Schnittstelle



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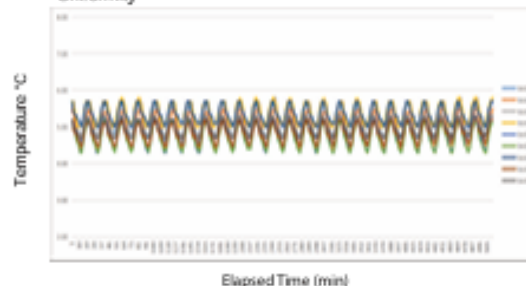
Technisches Datenblatt Midea Ultratiefkühlschrank Model: MC-5L416

Application, Rating, & Electrical Data	
Application	Pharmacy refrigerator
Storage Volume (L)	416 (14.7 cu.ft)
Temperature Range	+2°C to +8°C
Default Set Point	+5°C
Power	115V/60Hz
Current	3A
Power Cord Length	1.7m
Certification	CE/UL
Door type	Electrically Heated Glass Door (solid 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, variable speed
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	RTD, 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, 15 hr display and alarm back-up Rechargeable 12V, lead acid
Dimensions	
Interior (w x h x d)mm	595x514x1343 mm
Exterior (w x h x d)	690x653x1920 mm
Access Port	Access Port- for external monitoring probe(s) (25 mm diameter)
Shelf	5 35 kg max capacity/shelf
Wheels	4, 2 locking casters
Net Weight	88 kg
Gross Weight	97 kg

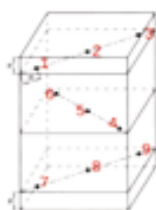
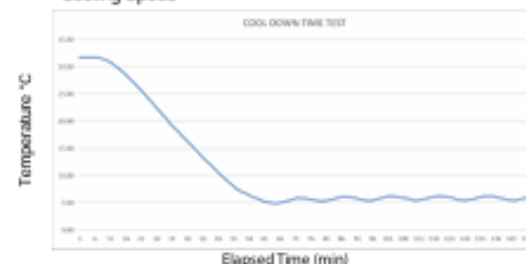
Performance Characteristics (normal operating conditions)	
Uniformity (°C)	±1.0
Recovery to 8°C after 1 min door opening (min)	13.5
Temperature fluctuation (°C)	<2
Energy consumption (kWh/day)	2
Noise emission (dB)	55/50
Heat rejection (BTU/hr)	450
Pull-down time to 6°C (min)	65

All performance data from 416L refrigerator, 25 ambient, 5.0°C

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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