



Technology partnership with Midea Biomedical



BIOMEDICAL FREEZER

For over 30 years, FC-BIOS has supported healthcare, research and industrial facilities throughout the Malaysia with innovative temperature monitoring technology and products. Expanding on our product portfolio, we are bringing you high performance ECOFRIZ biomedical freezer for storage of your temperature-sensitive components as well as reagents and medications.

Available exclusively through FC-BIOS in Malaysia, these biomedical-grade freezers are manufactured by Midea, a FORTUNE 500 company. Midea Biomedical Division, formed in 2011 continued to invest and has developed the state of art cold storage fridge and freezers, with many first of its kind innovations incorporated.

Call us now to secure your biomedical freezer needs!

www.fcbios.com.my

FC-BIOS

Call/Whatsapp 019 - 220 8283 | enquiry@fcbios.com.my



ECOFR Z™

-40°C BIOMEDICAL FREEZER

**2+3
warranty**
(2 years on part,
3 years on
compressor)



Dual temperature control: set different temperature for each compartment.



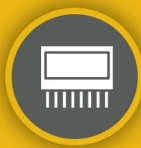
Microchannel condenser: increases heat exchange capacity.



Microcomputer temperature control, temperature accuracy 0.1 °C.



Fixed caster and universal wheel for easy moving and travelling.



LED display for easy operation.



Anti-condensation door with grip handle.



USB port for recording and saving data as optional.



Perfect alarm systems: buzzer alarming with light flashing.



The rapid cooling system ensures the effects of door openings are minimized.



High and low temperature alarm, power failure, sensor failure alarm.

Product Specifications

M04-ECOFRIZ-MD-40L308

MO4-ECOFRIZ-MD-40L518

Capacity (L)	308	518
Product Dimensions (mm)	700(W) x 690(D) x 1920(H)	866(W) x 811(D) x 1920(H)
Interior Dimensions (mm)	540(W) x 450(D) x 1277(H)	680(W) x 620(D) x 650(H)
Net/Gross Weight (kg)	102/114	142/164

Technical Data

Condenser Type	Microchannel	
Cooling Type	Direct Cooling	
Defrost Type	Manual	
Climate Class	N	
Refrigerant/Amount (g)	R290, 118g	R290, 70g (x2)
Door Design	Anti-condensing, Grip handle	

Product Performance

Temperature Range (°C)	-20 ~ -40	
Temperature Accuracy (°C)	0.1	
Temperature Uniformity (°C)	4	3

Control

Temperature Control	Microprocessor	
Display	LCD	LED

Electrical Data

Rated Power (W)	295	450
Rated Current (A)	1.9	3.8
Power Supply	220V/50Hz	220~240V/50Hz

Alarms

High/Low Temperature Alarm	Yes
Power Failure Alarm	Yes
Sensor Failure Alarm	Yes
Environment Temperature Alarm	Yes
Door Ajar Alarm	Yes
Remote Alarm	Yes

Accessories

No. of Drawers	7	12
Cable Port	Yes	
Castors	Yes	
USB Port	Yes	
Backup Battery	Yes	