

Midea -25°C Biomedical Freezer

Model MD-25L308 / MD-25L518



Biomedical

Suitable to store vaccines, medicines, laboratory products and reagent/sample for IVD use at -10°C to -25°C. Midea freezers can be used in hospitals, epidemic prevention stations, universities, scientific research institutes. It is strictly prohibited to store flammable and explosive dangerous goods, strong acids, strong alkalis and other corrosive goods.



MD-25L308



MD-25L518

Safer Storage Superior Temp. uniformity & Precise control

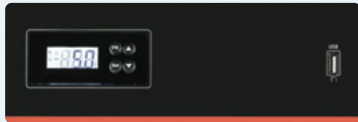
- Microcomputer Temperature Control System.
 - Temperature accuracy 0.1°C.
 - Temperature uniformity $\leq 3.5^\circ\text{C}$.
- USB port, temperature and alarm records traceable.
Multi-alarm functions.

Humanized Design Friendly for daily use

- Fixed caster + universal wheel.
- Safety lock, Easy open handles.
- Anti-condensation door, Cable port.
- Wide voltage range design.
- Remote alarm contact, Dry contact.

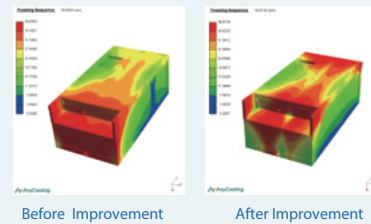
LCD Temperature Control Systems

Button-type control panel is easy to operate, the temperature and alarm settings can be adjust on the panel.

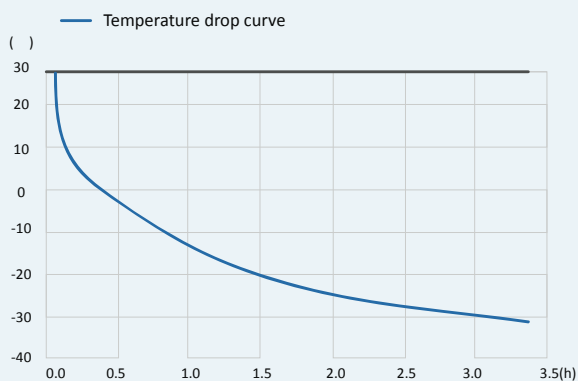


LBA Forming Technology

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.

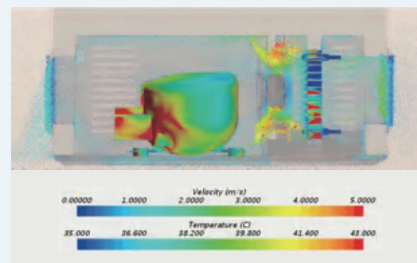


Typical Performance Characteristics at 25°C Ambient



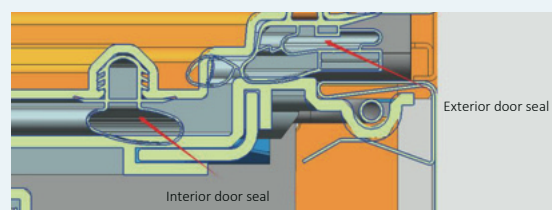
Micro-channel condenser

Powerful heat dissipation for condenser, heat exchange capacity increase by more than 20% than common copper tube fin condenser. Excellent compressor overheating protection, effectively improve the service life of core parts.



Three-dimensional seal

The unique three-dimensional seal, through the double-layer door seal and the multi-layer airbag sealing design, can effectively reduce the leakage of cold air and achieve best thermal insulation performance.





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Biomedical

| Item | Model No. | MD-25L308 | MD-25L518 |
|------------------------|--------------------------------|---|---|
| Product Image | Product Image |  |  |
| Product structure data | Temperature Range | -10~ -25°C | -10~ -25°C |
| | Fridge Storage Volume(L) | 308L | 518L |
| | External Material | High quality coated steel | High quality coated steel |
| | Internal Material | High quality coated steel | High quality coated steel |
| | Product Dimensions(mm)(wxdxh) | 700*690*1920 | 866*811*1920 |
| | Interior Dimensions(mm)(wxdxh) | 540*450*1277 | 680*620*650 680*620*650 |
| | Packing Dimensions(mm)(wxdxh) | 755*715*2000 | 905*835*2040 |
| | Loading Dimensions(mm)(wxdxh) | 755*715*2035 | 905*835*2040 |
| | Net/Gross Weight | 100/112 | 142/164 |
| | Load capacity (40HQ) | 24/48 | 14/28 |
| | Thickness of Foaming layer(mm) | 75 | 75 |
| | Foaming agent | Cyclopentane | Cyclopentane |
| | Packing | Carton | Carton |
| | Stacking layers | 1 | 1 |
| Technical data | Cooling Type | Direct cooling | Direct cooling |
| | Defrost type | Manual | Manual |
| | Climate Class | N | N |
| | Rated Voltage/Frequency(V/Hz) | 220~240V/50Hz | 220~240V/50Hz |
| | Rated Power(W) | 210 | 450 |
| | Rated Current(A) | 1.18 | 3.8 |
| | Refrigerant/Amount(g) | R290,110g | R290,70g*2 |
| | Controller | Microprocessor | Microprocessor |
| Control | Display | LCD display | LED display |
| | Temperature Accuracy | 0.1°C | 0.1°C |
| Product Performance | Temperature uniformity/°C | ≤ 3.5°C | 3°C |
| | Sound Alarm | Y | Y |
| Alarms | Light Alarm | Y | Y |
| | Power Failure Alarm | Y | Y |
| | Sensor Failure Alarm | Y | Y |
| | Environment Temperature Alarm | Y | Y |
| | Door ajar Alarm | Y | Y |
| | High Temperature Alarm | Y | Y |
| | Low Temperature Alarm | Y | Y |
| | Remote Alarm | Y | Y |
| | USB | Y | Y |
| Accessories | Anti-condensation Door lock | Y | Y |
| | Backup Battery | Y | 24h |
| | Handle | Grip | Grip |
| | Shelves/Drawers Qty | 7 drawers | 12 drawers |
| | Cable Port | Y | Y |
| | Castors/type | Y | Y |

All specifications are subject to change without prior notice.