



MO 100

MO 340

MO 668



Precise Temperature Control and Safe Storage

Microprocessor-based temperature controller, -10°C ~ -86°C can be set freely with precision at 1°C .



Visual & Audio Alarm system

High/low temperature alarm, power failure alarm, low battery alarm, door ajar alarm, high air temperature alarm, communication failure alarm.



Human-oriented

The rotating handle facilitates door opening;

The two-door design including the inner door and the outer door can lock cool air inside the cabinet and ensure thermal insulation for along period.



High-precision Temperature Control

- Digital temperature display, simultaneously display the chamber temperature, power supply voltage, ambient temperature and other parameters etc. The running status is clearly displayed
- The high-precision microcomputer temperature control system and platinum resistor temperature sensors enable users to set temperature inside the cabinet within a range from -10°C to -86°C.



Refrigeration System

- The imported high-efficiency compressor and EBM fan are energy-saving and highly efficient
- The large finned condenser with a space between fins ≤ 2mm, providing an effective heat dissipation.
- Standard with VIP board for high efficiency cooling performance. Door with hot gas pipe surrounding for defrost



Supplies for Cryopreservation

Inventory racks/boxes for cryopreservation are optional



Thermal Insulation System

- The two-layer insulated foamed door with double seal and the outdoor insulation design with multiple patents can prevent loss of cooling capacity effectively;
- The six sides of the cabinet are made from high-performance vacuum insulation material, greatly improving thermal insulation performance.



Security System

- The perfect audible & visual alarm system high /low temperature sensor failure, door open, power failure, etc;
- The turn-on delay and stopping interval protection can ensure reliable operation;
- The keyboard lock and password protection can prevent any adjustment of operation without permission;



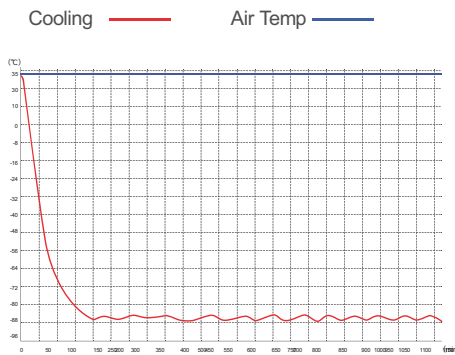
Human-oriented

- The door with new-type assisting door handle to be opened easily
- Door handle with lock for safety operation..
- SUS304 interior, low temperature resistance anti-corrosion for long service life and easy cleaning
- Universal wheels easy for movement and fixation

Scope of Application

Suitable for use in blood banks, hospitals, health and disease prevention systems, research institutions, colleges & universities, the electronic industry, biological engineering, laboratories in colleges & universities, military enterprises, deep-seafishing companies, etc

Performance Data / Cooling Curve



Model	Effective Volume (L)	Input Power (W)	Temperature (°C)	External Dimensions (W*D*H, mm)	Internal Dimensions (W*D*H, mm)	Net Weight (Kg)
MO 100	100	850	-10 ~ -86	1066*742*820	450*439*514	145
MO 340	340	1080	-10 ~ -86	755*895*1982	470*578*1250	240
MO 668	668	1965	-10 ~ -86	1137*989*1994	815*666*1215	347