



MF-4278E



MF-4328E



MF-4528

Features for MF-4278E

Precise temperature control

- The temperature controller can accurately control the temperature of the two compartments and provide audio and visual alarms.

Copper tube evaporator

- Compared to the wire and shelf type evaporators, the copper tube evaporator provides more uniform temperature distribution and high refrigeration efficiency. Moreover, it can effectively prevent frost accumulation on the shelves and seals.

High quality materials

- The freezer are made of high-quality coated cold-rolled steel both exterior and interior which is antibacterial, anti-corrosive and easy to clean.

Lockable cabinets

- The freezer standard equipped with a built-in lock, provides a secure storage space for your preservations.

Features for MF-4328E

Inner door design

- For monitoring, recording and exporting temperature & alarm data through a built-in USB interface.

Cooper tube evaporator

- The high-quality copper tube evaporator wrapped around the cabinet improves the refrigeration efficiency ensures more uniform temperature inside.

High performance

- Excellent cooling performance and insulation provide exceptional temperature uniformity and fast door opening recovery time. The optimized control system keeps temperature fluctuations within $\pm 3^{\circ}\text{C}$.

Features for MF-4528

Dual cooling system

- The freezer equipped with 2 independent cooling system, each of them with an independent control system.

2 independent compartments

- 2 separate compartments, each with independent temperature settings. Even if one system fails, the other can still operate normally.

Z06-sx Controller

- A digital microprocessor temperature controller with 2 sets of individual LED displays and alarms.
- The precision of display and control is 0.1°C.
- Internal USB data logger : Temperature recording data can be exported to PDF or Excel format via built-in USB interface.
- Factory pre-set to -40°C for general applications. Temperature adjustable between -20°C.~ -40°C.

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Specification

Model	MF-4278E	MF-4328E	MF-4528
Capacity	278 Litres	328 litres	528 Litres
Temperature range (°C)	-20°C to -40°C		
Ambient temperature (°C)	10°C to 32°C		
Defrost	Manual		
Cooling System	Copper tube		
Refrigerant	R290		
Compressor QTY	1		2
Sensor	NTC		
Temperature Controller / Display	Microprocessor / LED digital display		
Voltage(V) / Frequency (Hz)	187 ~ 242 / 50 Hz		
Power consumption (kWh/24h)/Power	5.2	4	6.7
Power (W)	280W	300W	340W
Internal/External material	Coated Steel		
Insulation	CFC-free PURF		
Shelf/drawer QTY	Drawer/7	Shelves/4	Shelves/4 drawers/18
Door type / Qty	Solid/1		Solid/2
Weight (kg)	110/120	113/131	160/180
Exterior size (W*D*H)(mm)	659*600*1694	673*676*1886	900*818*1875
Interior size (W*D*H)(mm)	480*415*1460	508*455*1393	(651*631.5*635)*2
High/low temperature / Door ajar	Yes		
Controller failure / Sensor error	Yes		
Power failure backup	N/A	8 hours	
Ambient temperature	N/A		Yes
Condenser fault/Low battery	N/A		
Access port QTY/diameter	1 / 25mm		
USB Interface	Optional		Yes
Remote alarm port / Data logger	Optional		