

2~8°C & -40°C Combined Refrigerator and Freezer

Antech medical-class combined refrigerator & freezer provides a compact storage solution for temperature sensitive medical products and biological material at refrigerator temperature (2~8°C) or freezing temperature (-20~-40°C).



LOW CO2 EMISSIONS



NATURAL REFRIGERANT



CFC /HCFC FREE



HIGH/LOW TEMPERATURE ALARM



USB PORT



PADLOCK HOLE

PERFORMANCE

- Independent cooling system for refrigerator and freezer. If one part fails, the other part still works normally
- High-precision microprocessor temperature control system with 0.1°C display accuracy
- Digital display show freezer working condition and alarm code
- 3-Channel sensor for control, display and ambient temperature

ERGONOMIC DESIGN

- Glass window for refrigerator part for convenient observation
- Adjustable shelves for refrigerator part, drawers for freezer part
- Self-close door for convenient operation
- Ultra-quiet design reduces noise level

ENVIRONMENT FRIENDLY

- Natural refrigerant compliant with EPA and SNAP non-ozone depleting mandates
- High efficiency cooling system for lower energy consumption and carbon emission
- CFC-Free polyurethane foaming insulation

ALARMS

- High temperature
- Low temperature
- Hot condenser
- Open door
- Power failure
- Sensor error
- Low battery

SAFETY

- Build-in data storage and USB port for download
- Access port for additional temperature probe
- Remote alarm contacts
- Lockable padlock hole for enhanced security, preventing unauthorized access

2~8°C & -40°C

Combined Refrigerator and Freezer



Model	MRF-288A	MRF-450A	
Basic	Type	Upright	Upright
	Temperature setting range (°C)	Ref: 2~8; freezer: -40~-10	Ref: 2~8; freezer: -40~-10
	Climate type	N	N
	Capacity (L)	Ref: 188; freezer: 100	Ref: 315; freezer: 204
	Cooling type	Ref: forced-air; freezer: direct	Ref: forced-air; freezer: direct
	Defrost	Ref: auto ; freezer:manual	Ref: auto ; freezer:manual
	Refrigerant	Hydrocarbon gas	Hydrocarbon gas
	Number of Compressor	2	2
Control	Controller	Microprocessor	Microprocessor
	Display	LED Digital	LED Digital
	Display accuracy	0.1	0.1
	High/Low temperature	●	●
	USB port	●	●
	RS485 port	●	●
Cloud monitoring (Wi-Fi)	○	○	
Power	Power supply (V/Hz)	220V/50Hz; 220V/60Hz; 120V/60Hz	220V/50Hz; 220V/60Hz; 120V/60Hz
	Rated power (W)	330; 320; 375	398; 425; 365
	Rated current (A)	2.5; 3.0; 5.5	3.6; 3.6; 6.5
Alarm	Visible/audible alarm	●	●
	Remote alarm contact	●	●
	Hot condensor	●	●
	Power failure	●	●
	Sensor failure	●	●
	High ambient temperature	●	●
	Door open	●	●
	Low battery	●	●
Accessories	Door type	Ref: forming door with glass window; freezer: solid forming door	Ref: forming door with glass window; freezer: solid forming door
	Shelves & drawers	Ref: 3 shelves + 1 drawer; freezer: 3 drawers	Ref: 3 shelves + 1 drawer; freezer: 6 drawers
	Padlock hole	●	●
	Test access port	Φ 25mm x 2	Φ 25mm x 2
	Casters	4 (2 with brake)	4 (2 with brake)
Material	Exterior	Coated steel	Coated steel
	Interior	Stainless steel	Stainless steel
	Insulation	Polyurethane	Polyurethane
Weight & size	Net weight (kg)	143	186
	Internal W×D×H (mm)	Ref: 600×510×710; freezer: 500×460×505	Ref: 750×610×740; freezer: 650×560×565
	External W×D×H (mm)	700×640×1845	910×740×1972
	Gross weight (KGs)	165	215
	Packing W×D×H (mm)	830×756×2004	990×855×2140
	Volume (m ³)	1.25	1.81

● Basic equipment ○ Optional / Not available