

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



SAFETY DOOR
LOCK

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
- Safety door lock, preventing unauthorized access
- Access port for additional temperature probe
- Remote alarm contacts

2~8°C & -40°C

Combined Refrigerator and Freezer



Model		MRF-288A			MRF-450A		
Main specifications	Type	Upright			Upright		
	Temperature setting range (°C)	Ref. 2~8; freezer: -10~-40			Ref. 2~8; freezer: -10~-40		
	Climate type	N			N		
	Capacity (L)	Ref. 188; freezer: 100			Ref. 315; freezer: 204		
	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		
	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 & display system	Controller	Microprocessor			Microprocessor		
	Display	LED Digital			LED Digital		
	Temperature display accuracy	0.1			0.1		
Power	Power supply (V/Hz)	220/50	220/60	120/60	220/50	220/60	120/60
	Rated power (W)	330	320	375	398	425	365
	Rated Current (A)	2.5	3.0	5.5	3.6	3.6	6.5
Data	USB port	●			●		
	Cloud monitoring (Wi-Fi)	○ CryoMonitor 2000TF			○ CryoMonitor 2000TF		
	RS485 port	●			●		
Alarm functions	Visible/audible alarm	●			●		
	High/Low temperature	●			●		
	Hot condensor	●			●		
	Power failure	●			●		
	Sensor failure	●			●		
	High ambient temperature	●			●		
	Door open	●			●		
	Low battery	●			●		
	Remote alarm contact	●			●		
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		
	Safety door lock	●			●		
	Test access port	Φ25mm x 2			Φ25mm x 2		
	Casters	4 (2 with brake)			4 (2 with brake)		
Material	Exterior	Coated steel			Coated steel		
	Interior	SUS304			SUS304		
	Insulation	Polyurethane			Polyurethane		
Shipping	Gross weight (KGs)	165			215		
	Packing W×D×H (mm)	830×756×2004			1030×890×2158		
	Volume (m ³)	1.25			1.98		