

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	Yes			Yes		
	Cloud monitoring (Wi-Fi)	CryoMonitor 2000TF, optional			CryoMonitor 2000TF, optional		
	RS485 port	Yes			Yes		
Alarm functions	Visible/audible alarm	Yes			Yes		
	High/Low temperature	Yes			Yes		
	Hot condensor	Yes			Yes		
	Power failure	Yes			Yes		
	Sensor failure	Yes			Yes		
	High ambient temperature	Yes			Yes		
	Door open	Yes			Yes		
	Low battery	Yes			Yes		
	Remote alarm contact	Yes			Yes		
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	Yes			Yes		
	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		