

-25°C Medical Freezer



MDF-25V368RF
MDF-40V368RF

MDF-25V328E

MDF-25V268E

MDF-25V278W

MDF-25V300RF



RELIABILITY

- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.
- High density CFC-Free urethane foam insulation for rigidity and stable storage temperature.
- Microprocessor control, digital display adjustable temperature range: -10°C--25°C.
- LED digital display for clear observation.



NEW RELEASE

- MDF-25V368RF/MDF-40V368RF Temperature range: Refrigerator Room: 2°C~8°C
- Freezer Room: -10°C~25°C / -30°C~40°C
- 2 Independent temperature display, 2 Independent door: heated foam glass door + foamed door
- 3 shelves in refrigerator room; 6 drawers in freezer room.



SAFETY

- Multiple malfunction alarms including high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.
- Two types of alarm indications: audible buzzing and visible flashing light.
- Power failure protect: the device would be attacked by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage
- Controller password protect function to avoid change running parameter randomly



KEY FEATURES

- Independent inner door to avoid more cooling leaking out, and provide more stable inside temperature performance
- Upright side door with build-in handle for easy-opening; limit door hinge to prevent collision when door open
- Lockable caster design for customer to move as needed
- Wide voltage tolerance design with applicable voltage range of 187~242 V/AC.

Microprocessor system, LED digital display, precise electronic temperature control and display, with accuracy of 0.1 °C; the temperature of refrigerator room and freezer room are displayed independently, which is convenient for observation. And the operation status and alarm type of refrigerator are displayed simultaneously.

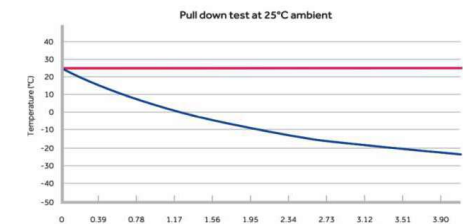
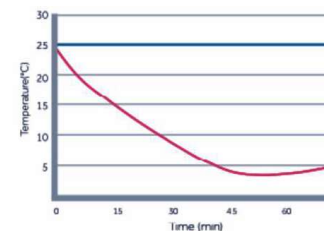


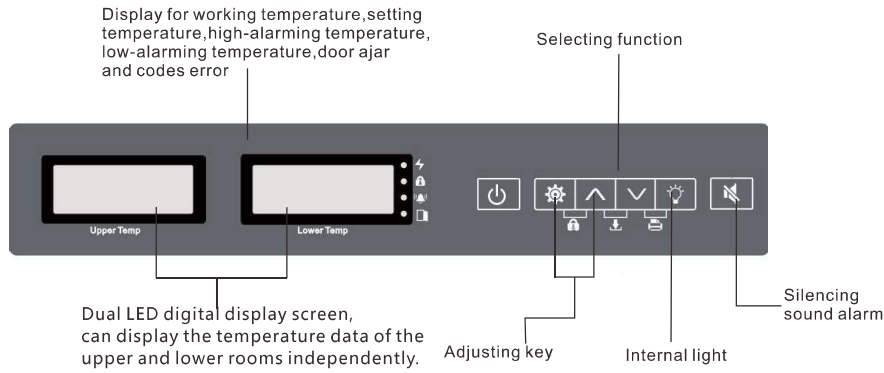
2 independent door up and down: upper door is electric heating foamed glass door, below is foamed door.

The temperature of the refrigerator room is in the range of 2-8 °C, and freezer room is in the range of -10 °C ~ -25 °C \ -25 °C ~ -40 °C.

Two test holes are equipped on the right of the cabinet, installing the temperature recorder to detect the temperature change of each room

Independent refrigeration system is used in the refrigeration room and freezer respectively, with independent display and temperature control





Alarm	Alarm Triggering Condition
High Temperature	Temperature reaches the warm alarm limit
Low Temperature	Temperature reaches the low alarm limit
Power Failure	Equipment loses power
Door Ajar	Door open audible and visual alarm
Probe Failure	1. Main cabinet temperature control sensor fails 2. Sensor fails
Low Battery	Battery capacity runs low or battery switch is not turned on



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High-end professional controller with full function



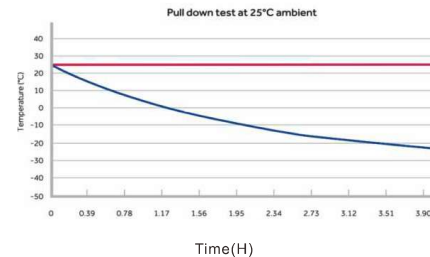
Build-in temperature probe



Independent inner door to avoid more cooling leaking out, and provide more stable inside temperature performance



Tough casters with brake



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	Model	MDF-25V100	MDF-25V268E	MDF-25V278W	MDF-25V328E	MDF-25V358		MDF-25V528	MDF-25V936	MDF-25H105	MDF-25H485	MDF-25V300RF	MDF-25V368RF	MDF-25H305
Specifications	Shelf (drawer)	Shelves and drawers	Shelves	Drawers/7	Shelves	Shelves/12 drawers		Shelves/drawers	Shelves	/	/	Shelves and draws	Shelves and draws	/
	Cooling method	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling		Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost	Manual	Manual	Manual	Manual	Manual		Manual	Manual	Manual	Manual	Manual	Manual	Manual
	Refrigerant	R600a	R290	R290	R290	R290		R290	R404A	HC-R290	HC-R290	R290	R600a & R290	R134a
	Power consumption(kWh/24h)	2.2	3	1.5	3	/		3.4	10	1.59	3.45	2.96	3.03	1.5
	Noise (db)	50	46	46	46	49		55	50	46	55	/	50	52
	Ambient temperature (°C)	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃		10~32℃	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃
	Temperature range (°C)	-10~25℃	-10~25℃	-10~25℃	-10~25℃	-10~25℃		-10~25℃	-10~25℃	-10~25℃	-10~25℃	-10~25℃	F:-10℃~25℃ R:2℃~8℃	F:-10℃~25℃ R:2℃~8℃
Cooling system	Compressor brand/QTY	KY55C45G	CUBIGELN/1	DONPERN/1	CUBIGELN/1	CUBIGELN/2		MEIZHI/2	SECOPI/2	DONPER/1	CUBIGELN/1	China brand 2	China brand 2	China brand
	Sensor	NTC	NTC	NTC	NTC	NTC		NTC	PTC	NTC	NTC	NTC	NTC	NTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor		Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	Digital display	Digital display	Digital display	Digital display	Digital display		Digital display	Digital display	Digital display	Digital display	Digital display	Dual Independent Digital Display	Digital display
Power	Voltage/frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz		220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz
	Power (W)	150W	180W	180W	180W	/		260W	1000W	174W	295W	333	300	106W
	Current (A)	0.9A	1.4A	1.5A	1.4A	/		1.9A	5.8A	1.48A	2.45A	2.37	2.37	0.92A
Material	Inside material	HIPS	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel		Color sprayed steel	Stainless steel	Color sprayed steel	Stainless steel	Engineering plastics	SPCC sprayed steel	Color sprayed steel
	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel		Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	SPCC sprayed steel	SPCC sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF	PURF		PURF	PURF	PURF	PURF	PURF	PURF	PURF
Size	Capacity (L/cu.ft)	100/3.53	268/9.46	278/9.81	328/11.58	358/12.6		528/18.64	936/33.05	105/3.70	485/17.12	R:198 F:102	R:183 F:185	305L
	NTL/GT. (kg)	40kg/43kg	93.5/113.5	85/101	104/125	138/178		151/184	377/421	41,8/54	124/136	100/120	137/166	74.2/87
	Exterior size(W*D*H)(mm)	540*540*880	690*680*1635	670*640*1695	690*680*1900	720*830*1870		910*845*1875	1320*980*2100	615*570*880	1655*755*915	650*620*1980	730*830*1880	1135*725*890
	Interior size(W*D*H)(mm)	410*410*670	508*455*1137	480*415*1460	508*455*1393	466*636*625		(651*631.5*635)*2	1000*700*1335	480*380*665	1455*525*665	R:565*480*759 (mm) F:461*465*600 (mm)	R:580*626*625 (mm) F:466*636*625 (mm)	1000*520*665
	Package size(W*D*H)(mm)	590*590*900	760*760*1750	730*670*1850	750*760*2030	780*920*1990		930*970*2000	1360*1135*2170	675*625*1000	1710*885*1020	720*695*2015	775*920*1990	1223*777*1005
	CBM	0.31	1.01	0.90	1.16	1.43		1.80	3.35	0.42	1.66	1.00	1.42	0.96
Alarm	20GP/40GP/40HQ	54/120/120	214/5/45	24/5/51	21/48 /48	18/39/39		12/ 24/24	8/16/16	27/57/57	12/26/26	24/48/48	14/39/39	26/56/56
	High/low temperature	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y
	Power off	Y	Y	/	Y	Y		Y	Y	Y	Y	Y	Y	Y
	Sensor malfunction	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y
	Ambient temperature (°C)	/	/	/	/	Y		Y	Y	/	/	/	Y	/
	Abnormal voltage	/	/	/	/	/		/	Y	/	/	/	/	/
	Temperature controller malfunction	Y	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y	Y
	Door ajar	Y	Y	Y	Y	Y		Y	Y	/	/	/	Y	Y
	Power failure backup system(alarm)	8H	8H	8H	8H	8H		8H	72H	12H	12H	8H	8H	12H
	Accessories	Caster	/	Y	Y	Y	Y		Y	Y	Y	Y	Y	Y
Test hole		/	1/25MM	1/25MM	1/25MM	2/25MM		2/25MM	1/18MM	1/25MM	Optional	/	2/25MM	1/25mm
USB port		/	/	/	/	Y		Y	Y	/	/	/	Y	/
Data logger		Optional	Optional	Optional	Optional	Optional		Optional	Optional	Optional	Optional	Optional	Optional	Optional
Other	Remote alarm	/	Y	/	Y	Optional		Y	Y	/	/	Y	Y	/
	Certification	ISO	ISO,CE	ISO,CE	ISO,CE	ISO		ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO	ISO,CE	ISO,CE

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