



01



PROMED

—Medical Freezer



This product is designed to store vaccines, blood plasma, and many other biological materials. installations can be found in researching institutions and clinical sites in life science, electronic testing and medical markets.

-40°C Medical Freezer



MDF-40V268E



MDF-40V278W



MDF-40V328E



MDF-40V358
MDF-25V358



KEY FEATURES

- Microprocessor control, adjustable temperature range: -30°C to -40°C
- LED digital display and increment at 0.1°C
- Permanently lubricated cooling fan for safety and longevity.
- Independent inner door to avoid more cooling leaking out, and provide more stable inside temperature performance
- High density CFC-Free urethane foam insulation.



ERGONOMIC DESIGN

- USB data logging and temperature recorder (optional).
- Build-in lock with safety and beauty
- Lockable caster design for customer to move as needed



RELIABILITY

- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.
- Optimized refrigeration system designed to maximize cooling effect and temperature uniformity
- Microprocessor control, digital display, adjustable temperature range: -30°C--40°C
- LED digital display for clear observation.



SAFETY

- Multiple malfunction alarms to detect high and low temperature, sensor error, power off, temperature controller malfunction, door ajar.
- Two types of alarm indications: audible buzzing and visual flashing light.
- Corrosion proof cabinet interior design
- Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage



ELECTRIC CONTROL

- Wide voltage tolerance design with applicable voltage range of 187-242V/AC



-40°C Medical Freezer



MDF-40V358
MDF-25V358

RELIABILITY

- Single temperature control system with double door construction.
- Flexible and easy storage by height-adjustable shelf trays
- Maintains the quality of the samples during preservation
- 2 completely independent chambers with their own temperature displays



FEATURES

- Height-adjustable shelf trays allow you to adjust the inside of the chambers according to the size of the samples. By changing the height of the shelf trays, the unit can accommodate various sizes of samples including stored in your conventional models.
- Door latch with provision for a padlock for extra protection of samples.
- Equipped with separate doors that suppress the leakage of cold air during opening and closing of the doors, and manual defrosting that helps avoid temperature impact on the samples.



EASY TO CLEAN

- Top and bottom chambers are equipped with 2 independent refrigeration circuits that enables separate temperature settings and defrosting for the two chambers.
- With the capability to defrost the top and bottom chambers separately, the unit makes it easy to transfer samples during defrosting.



MDF-40V528/
MDF-25V528

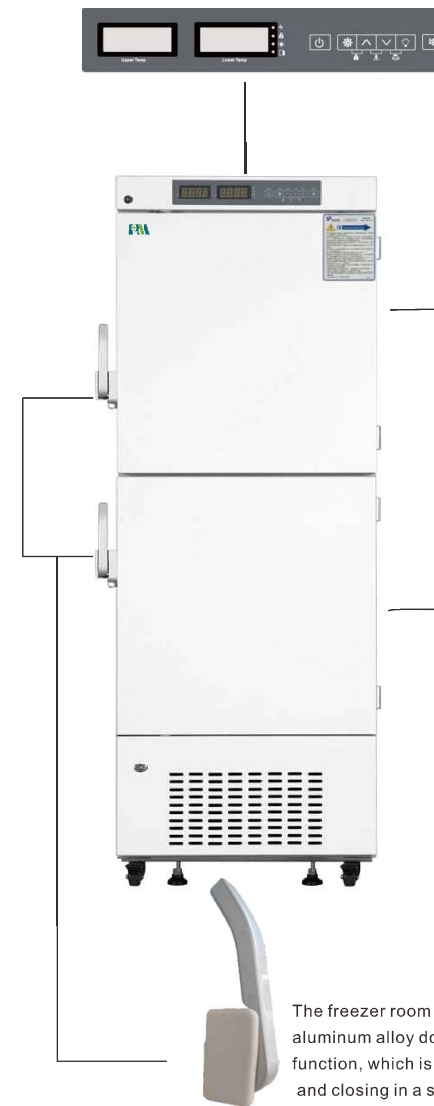
KEY FEATURES

- MDF-25V358/MDF-25V528: -10°C~-25°C
MDF-40V358/MDF-40V528: -30°C~-40°C
- 2 Independent doors, 2 Compressors, 2 Test Holes, 2 Displays.
- Standard with thermal printer to record 1 year's data



SAFETY DESIGN

- To securely preserve/manage the valuable samples, in addition to a standard-feature door lock, a hole in the latch allows a padlock to be attached.
- Security functions that help protect valuable samples with a temperature control capability that inhibits the change in temperature inside the chamber, and an alarm/security function that prevents errors, the unit maintains the quality of the preserved samples.
- Temperature recorder (optional)
- Front-mounted display/control panel located at convenient height for easy access
- Insulated door with gasket for sample protection and uniformity
- 2 USB port interface



Double LED digital display, which can separately display the temperature data and various alarm information of the upper and lower rooms

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

Top and bottom chambers are equipped with 2 independent refrigeration circuits that enables separate temperature settings and defrosting for the two chambers. With the capability to defrost the top and bottom chambers separately, the unit makes it easy to transfer samples during defrosting.

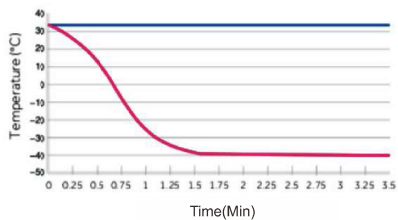
The freezer room is equipped with a standard aluminum alloy door handle with pressure relief function, which is convenient for frequent opening and closing in a short time



-40°C Medical Freezer



MDF-40V278W



Pull-down test at 32°C ambient



-40°C Medical Chest Freezer



MDF-40H485



MDF-40H305



MDF-40H105



KEY FEATURES

- Chemically stable, CFC-free, commercially available and environmentally safe refrigerant.
- Microprocessor control, adjustable temperature range: -30°C to -40°C
- LED digital display and increment at 0.1°C
- Permanently lubricated cooling fan for safety and longevity .
- Wide voltage band for 187V~242V



CHARACTERISTIC FUNCTION

- Door lock design to avoid abnormal door open
- Big screen for easy observation
- Standard testing hole



SAFETY

- Multiple malfunction alarms to detect high and low temperature , sensor error, power failure, temperature controller malfunction
- Two types of alarm indications: audible buzzing and visual flashing light.



RELIABILITY

- HIGH DENSITY CFC-FREE URETHANE FOAM INSULATION.
- Standard with 25mm test hole
- Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage



STRUCTURAL DESIGN

- Wide voltage band for 187V~242V

-40 °C Deep Freezer



	Model	MDF-40V268E	MDF-40V278W	MDF-40V328E	MDF-40V358	MDF-40V368RF	MDF-40V528	MDF-40V936	MDF-40H105	MDF-40H305	MDF-40H485
Specifications	Shelf/drawer	Shelves	Drawer/7	Shelves	Shelves/12 drawers	Shelves/Drawer	Shelves/drawers	Shelves	/	/	/
	Cooling method	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
	Refrigerant	R290	R290	R290	R290	R600a&R290	R290	R404A	R290	R290	R290
	Power consumption(kWh/24h)	4	3	4	5.5	4.15	6.7	14.5	1.65	1.68	3.45
Cooling system	Noise (db)	48	50	48	49	50	55	50	50	52	55
	Ambient temperature (°C)	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃	10~32℃
	Temperature range (°C)	-30~40℃	-30~40℃	-30~40℃	-20~40℃	F:-20℃~40℃ R:2℃~8℃	-20~40℃	-25~40℃	-10~40℃	-20~40℃	-20~40℃
	Compressor brand/QTY	CUBIGEL/1	CUBIGEL/1	CUBIGEL/1	CUBIGEL/2	CUBIGEL/1/HUAM/1	CUBIGEL/2	SECOP/2	CUBIGEL/1	CUBIGEL	CUBIGEL/1
	Condenser	Wire tube	Wire tube	Wire tube	Wire tube	Wire tube	Copper tube	Copper tube and finned	Wire tube	Wire tube	Wire tube
Power	Sensor	NTC	NTC	NTC	NTC	NTC	NTC	PTC	NTC	NTC	NTC
	Temperature controller	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
Material	Voltage/frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz
	Power (W)	300W	185W	300W	310W	300W	340W	1000W	160W	150W	295W
	Current (A)	1.6A	1.6A	1.6A	3	2.45A	3.4A	5.8A	1.15A	1.3A	2.45A
Size	Inside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Stainless steel	Stainless steel	Color sprayed steel	Stainless 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	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF	PURF	PURF	PURF	PURF	PURF	PURF
	Capacity (L/cu.ft)	268/9.46	278/9.81	328/11.58	358/12.6	368/12.99	528/18.64	936/33.05	105/3.70	305/	485/17.12
Alarm	NT/GT. (kg)	98.5/118	79/104.5	110.3/132	138/178	137/166	151/184	372/416	52/64.5	80/85	108/135
	Exterior size(W*D*H)(mm)	690*680*1635	670*640*1695	685*670*1900	720*830*1870	720*830*1870	910*845*1875	1320*980*2100	685*645*930	1218*840*940	1670*810*930
	Interior size(W*D*H)(mm)	508*455*1137	480*415*1460	508*455*1393	466*636*625	F:580*626*625; R:466*636*625	(651*631.5*635)*2	1000*700*1335	480*380*665	1000*520*665	1455*525*665
	Package size(W*D*H)(mm)	760*760*1750	725*665*1850	750*760*2030	780*920*1990	775*920*1990	930*970*2000	1360*1135*2170	750*700*1040	1295*842*1070	1775*880*1060
	CBM	1.01	0.89	1.16	1.43	1.43	1.80	3.35	0.55	1.17	1.66
Accessories	20GP/40GP/40HQ	21/45/45	24/54/54	21/48/48	18/39/39	14/39/39	12/24/24	8/16/16	24/51/51	22/46/46	12/26/26
	High/Low temperature	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Power failure	Y	/	Y	Y	Y	Y	Y	Y	Y	Y
	Sensor error	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Filter check	/	/	/	/	/	/	Y	/	/	/
	Temperature controller failure	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
	Low battery	/	/	/	/	/	/	Y	/	/	/
	Condenser clean	/	/	/	/	Y	/	Y	/	/	/
	High ambient temperature	/	/	/	Y	Y	Y	Y	/	/	/
	Door ajar	Y	Y	Y	Y	Y	Y	Y	/	/	/
	Power failure backup system(alarm)	8h	\	8h	8h	8h	8h	72h	12h	12h	12h
	Other	Foot	Y	Y	Y	Y	Y	Y	/	/	/
Castor		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Inside door		Y	7 Drawer	Y	12DRAWERS	/	9Drawer*2	Y	/	/	/
Test hole QTY/diameter		Y	Y	Y	Y	2/25MM	2/25MM	1/18MM	1/25MM	1	1
USB port		/	/	/	Y	Y	Y	Y	/	/	/
Remote alarm port	Y	/	Y	Optional	Optional	Y	Y	/	/	/	
Certification	ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO,CE	ISO,CE

If undelivered please return to below address

Book Post



Scientific Research Instruments Company Private Limited

42-43, 2nd & 3rd Floor, 1st Cross, Gubbalala, Bengaluru - 560 061

Telephone : 080 4757 2577 | 080 4302 5791

Sales

info@srico-labworld.com

Mobile : +91 9900674407

Service

service@srico-labworld.com

Mobile : +91 9900055879

Bhubaneswar | Hyderabad | New Delhi | Navi Mumbai | Vadodara

Ahmedabad | Chandigarh | Chennai | Goa | Guwahati | Kolkata | Lucknow | Pune | Thiruvananthapuram | Visakhapatnam



www.srico-labworld.com