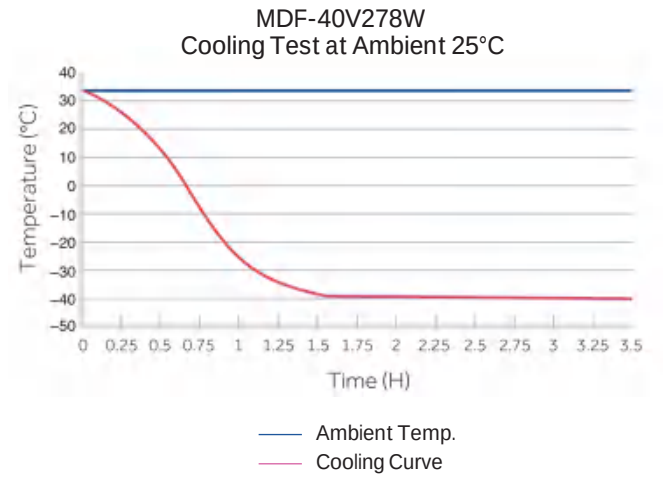
-40°C Biomedical Freezer

MDF-40V278W (278L Medical Deep Freezer) is widely used in hospitals and laboratories. It is suitable for placing and preserving as drugs, vaccines, blood, enzymes, hormones, stem cells, extracted RNA and gene libraries and other important biological and chemical reagents.



MDF-40V278W



Product Advantages

Rapid Cooling
Better cooling performance

Coil Evaporator
Better temperature uniformity

Inner-drawers Design
7 individual inner drawers

Lockable Doors
Standard locks with keys

High-Quality Steel
Antibacterial and corrosion resistant

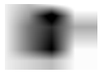
Precise Temp. Control
Temp. control accurate to 0.1°C

4 Types of Alarm
Audible and visual alarms

Eco-friendly
CFC-free refrigerant and energy-saving

-40°C Biomedical Freezer

Internal Structure



Built-in lock for security

Inner 7 drawers



Caster with lock





Digital temperature control and display



Built-in handle for easy opening



Heavy duty hinges

Sensor error alarm

High/low temp. alarm

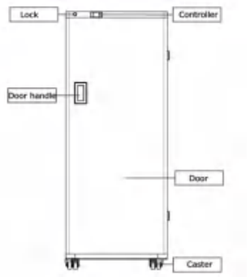
Door ajar alarm

Thermostat failure alarm



Coil evaporator cooling system keep the temperature within the chamber uniform
Individual drawers give the cabinet better insulation, performance and convenience.

Product Dimensions



MDF-40V278W

Product Parameters

Model		MDF-40V528	MDF-40V358	MDF-40V328E	MDF-40V268E	MDF-40V278W
Specifications	Shelf/Drawer/Quantity	Shelves/4 Drawers/18	Shelves/12 Drawers/??	Shelves/4	Shelves/3	Drawers/7
	Cooling Method	Direct cooling	Direct cooling	Direct cooling	Direct cooling	Direct cooling
	Defrost Mode	Manual	Manual	Manual	Manual	Manual
	Refrigerant Type	R290	R290	R290	R290	R290
	Refrigerant Mass (g)	Each Compartment: 86	Upper Compartment: 40 Lower Compartment: 50	78	52	49
	Power Consumption (kWh/24h)	7.81	6	6.5	5.2	5.2
	Noise (dBA)	55	49	48	48	50
	Ambient Temperature (°C)	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
	Temperature Range (°C)	-20°~-40°C	-20~-40°C	-20~-40°C	-20~-40°C	-20~40°C
Cooling System	Compressor Brand/QTY	CUBIGEL/2	CUBIGEL/2	CUBIGEL/1	CUBIGEL/1	CUBIGEL/1
	Condenser	Copper tube	Wire tube	Wire tube	Wire tube	Wire tube
	Sensor	NTC	NTC	NTC	NTC	NTC
	Temperature Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	Digital	Digital	Digital	Digital	Digital
Power	Voltage/frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz
	Power (W)	452	345	330	309	280
	Current (A)	3.2	3.2	1.54	1.5	1.48
Material & Build	Inside Material	Powder-Coated Steel	Powder-Coated Steel	Powder-Coated Steel	Powder-Coated Steel	Powder-Coated Steel
	Outside Material	Powder-Coated Steel	Powder-Coated Steel	Powder-Coated Steel	Powder-Coated Steel	Powder-Coated Steel
	Insulation	PUF	PUF	PUF	PUF	PUF
Dimensions	Capacity (L/cu.ft)	528/18.64	358/12.6	328/11.58	268/9.46	278/9.81
	NT./GT. (kg)	192/212	138/178	104/126	98.5/122	110/120
	Exterior Size (W×D×H)(mm)	900×818×1875	720×830×1870	673×676×1886	673×676×1630	659×600×1694
	Interior Size (W×D×H)(mm)	(651×631.5×635)×2	(466×636×625)×2	508×455×1393	508×455×1137	480×415×1460
	Package Size (W×D×H)(mm)	980×930×2020	920×790×1980	760×755×2000	755×750×1750	720×690×1820
	CBM	1.84	1.44	1.15	0.99	0.90
Alarm	20GP/40GP/40HQ	12/ 24/24	18/39/39	21/48 /48	21/45/45	24/54/54
	High/Low Temperature	Y	Y	Y	Y	Y
	Power Failure	Y	Y	Y	Y	N
	Sensor Error	Y	Y	Y	Y	Y
	Filter Check	N	N	N	N	N
	Temperature Controller Failure	Y	Y	Y	Y	Y
	Low Battery	Optional (Free)	Optional (Free)	N	N	N
	Condenser Clean	N	N	N	N	N
	High Ambient Temperature	Y	Y	N	N	N
	Door Ajar	Y	Y	Y	Y	Y
	Power Failure Alarm (For controller)	8h	8H	8h	8h	N
Accessories	Foot	Y	Y	N	N	N
	Castor	Y	Y	Y	Y	Y
	Inside Door	Drawers/18	Drawer/12	5	4	Drawer/7
	Test hole QTY/diameter	2/25MM	2/25MM	1/25MM	1/25MM	1/25MM
	USB Port	Y	Y	Optional	Optional	N
	Remote Alarm Port	Optional (Free)	Optional (Free)	Optional (Free)	Optional (Free)	N
Other	Certification	ISO 9001/13485/14001/45001 CE	ISO 9001/13485/14001/45009 CE	ISO 9001/13485/14001/45008 CE	ISO 9001/13485/14001/45006 CE	ISO 9001/13485/14001/45007 CE