

# MDF-86H100

-86 °C MEDICAL DEEP FREEZER



**MDF-86H100** (100L Medical Deep Freezer) is widely used in hospitals and laboratories. This is for placing and preserving storage such as drugs, vaccines, blood, enzymes, hormones, stem cells, extracted RNA and gene libraries and important biological and chemical reagents.

## FEATURERS



### Fast pull down

Better cooling performance



### Coil evaporator

Better temperature uniformity



### Inner-door design

4 individual inner door



### Universal castor wheels

Proven heavy-duty castors with brake



### Lockable doors

Standard locks with keys



### High-quality steel materials

Antibacterial and corrosion resistant



### Precise temp. control

Temp. control accurate to 0.1°C



### 5 types of alarm

Audible and visual alarms



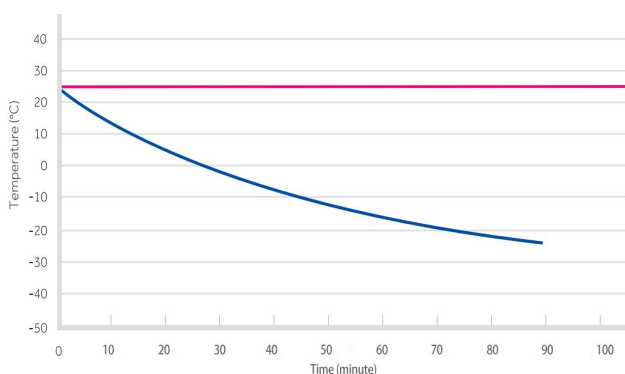
### Variable space

Height adjustable shelves

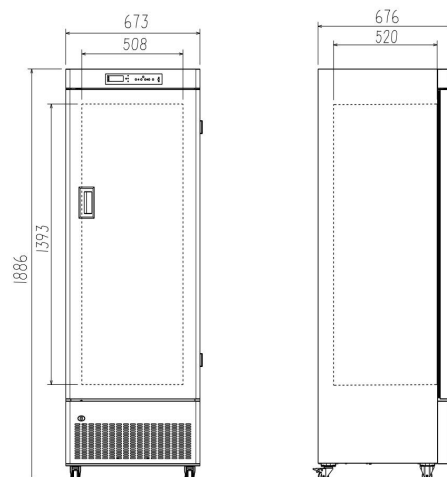


### Eco-friendly

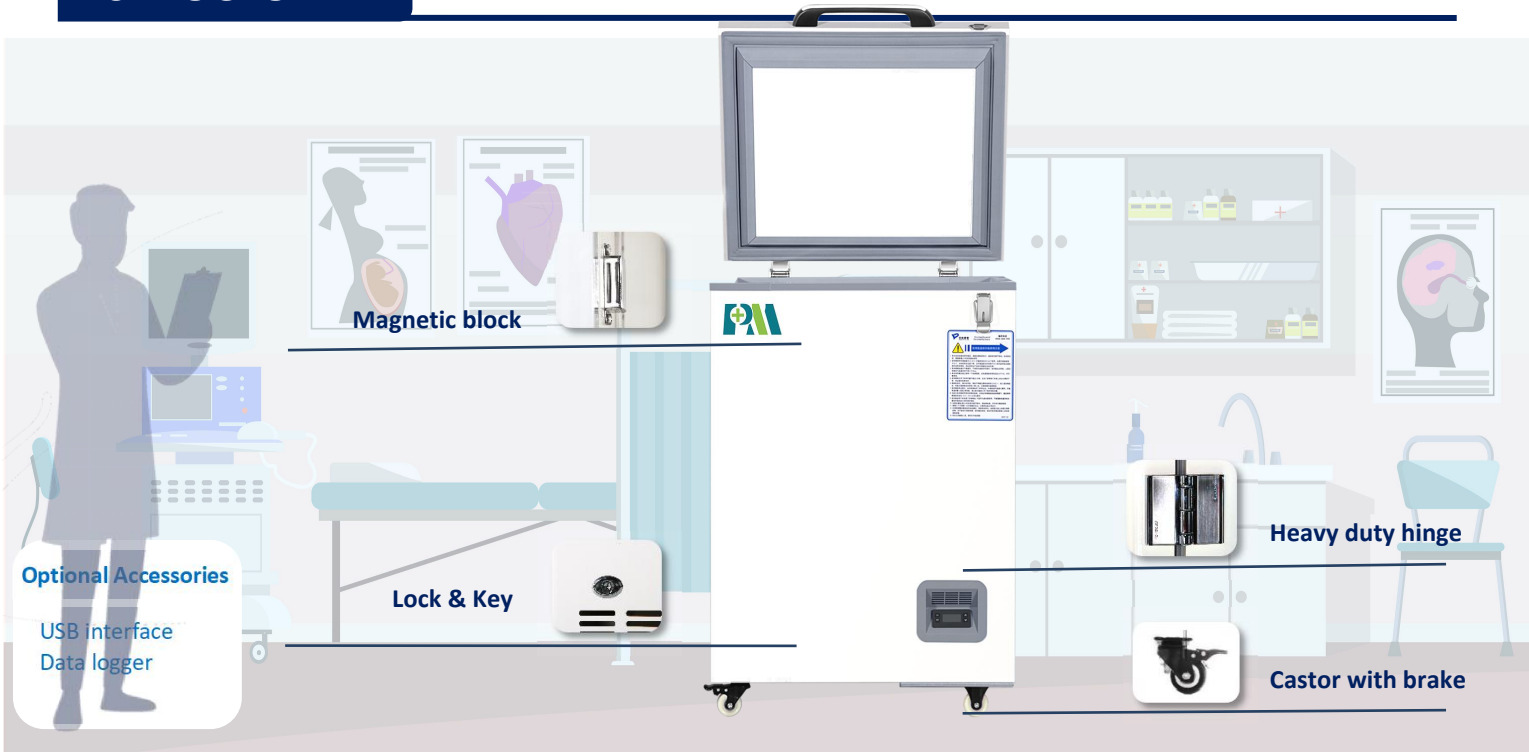
CFC-free refrigerant and energy-saving



MDF-86H100 Pull Down Test at Ambient



# STRUCTURE



Sensor erro alarm

High/low temp. alarm

Power failure alarm

Door ajar alarm

Thermostat failure alarm

Coil evaporator cooling system makes the chamber temperature more uniform. The 4 independent inner doors give the cabinet better insulation performance and are more convenient to use.

# PARAMETER

Performance		Refrigeration System		Alarms	
Cooling method	Direct Cooling	Refrigerant	Mixed-gas	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	Y
Shelf/drawer	/	Sensor	NTC	Sensor error	Y
Temperature range	-40℃~-86℃	Display	Digital display	Controller failure	Y
Ambient temperature	10~32℃	External material	SPCC sprayed steel	Door ajar	Y
Noise (db)	50	Compressor QTY	1	Power failure backup	8 hours
Electrical Data		Dimensions		Other	
Voltage frequency(V/Hz)	220V 50Hz	Package size(W*D*H)(mm)	770*705*1090	Inner door	/
Power (W)	500W	Capacity (L/cu.ft)	100/3.7	Remote alarm port	Optional
Current (A)	2.9A	Exterior size(W*D*H)(mm)	680*580*935	Access port QTY/Dia.	1/25mm
Power consumption	3.8kWh/24h	Interior size(W*D*H)(mm)	480*380*665	Internal material	SPCC sprayed steel