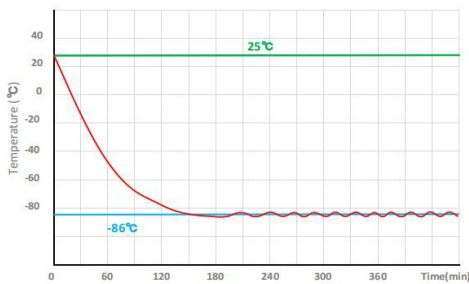




AUTO-CASCADE SYSTEM ULT SERIES

-86°C ULT freezer is specially designed and manufactured for long term storage of various biological products, including viruses, germs, erythrocytes, leucocyte and cutis, Applications can be found in blood banks, hospitals, edipemic prevention service, and reaserch institutes, laboratories in electronic and chemcial plants and biological engineering institutes.

AUTO-CASCADE SYSTEM



Pull down test at ambient temp.



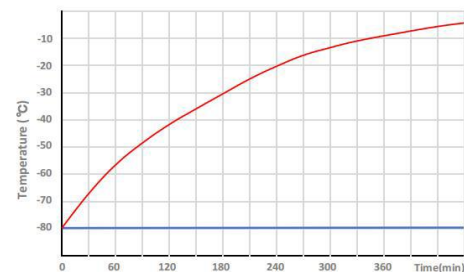
Super-cooling technology

Auto-cascade cooling system is designed with a powerful compressor which drives the unique mixed refrigerant for fast cabinet cooling down, The system is simple in construction, energy saving and easy maintenance.



Advanced thermal insulation

Advanced insulation materials and interior design of multiple independent spaces make ULTs more efficient in Insulation and less heat loss, so as to achieve the purpose of better thermal insulation performance and energy saving.



Pull up test at ambient temp. 25°C



MDF-86V838E



MDF-86V728E



MDF-86V588E

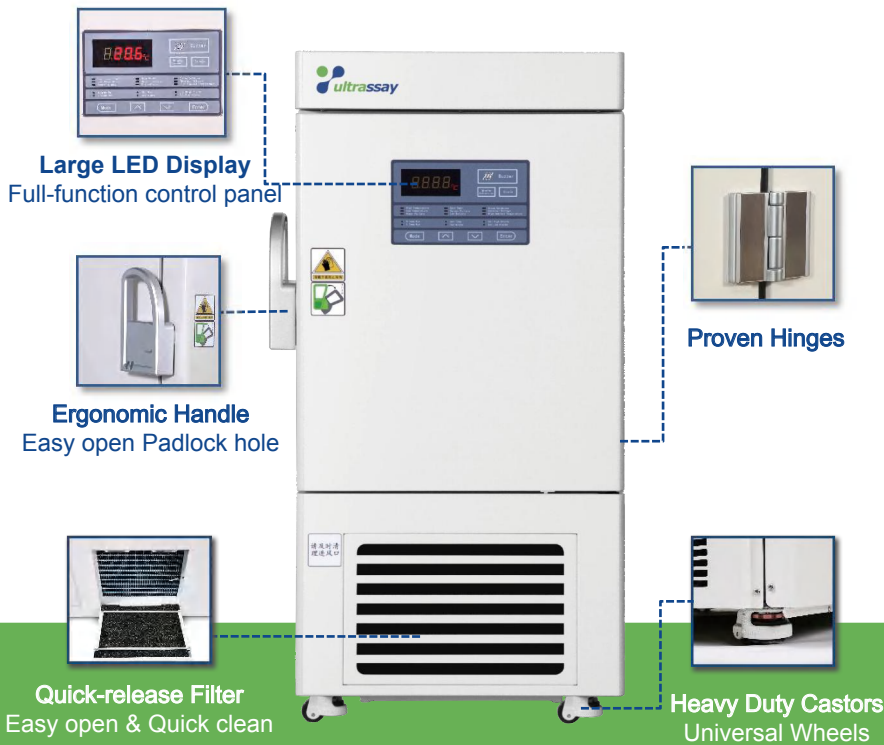


MDF-86V408E

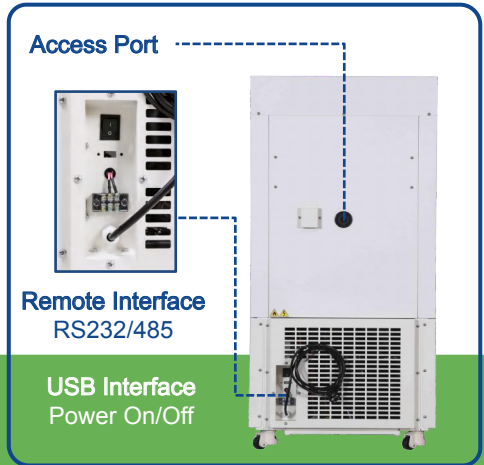


MDF-86V340E

58 ~ 833 liters
2,400 ~ 60,000
samples
for options



Ultrassay ULT freezer are made of color sprayed anti-bacterial and anti-corrosion cold-rolled steel. Various configurations and humanized designs bring great convenience to users.



FEATURES

Large LED Display
Full-function control panel

10 types of Alarms
Audible and visual alarms



Multi-layer sealing design
Better sealing, better insulation

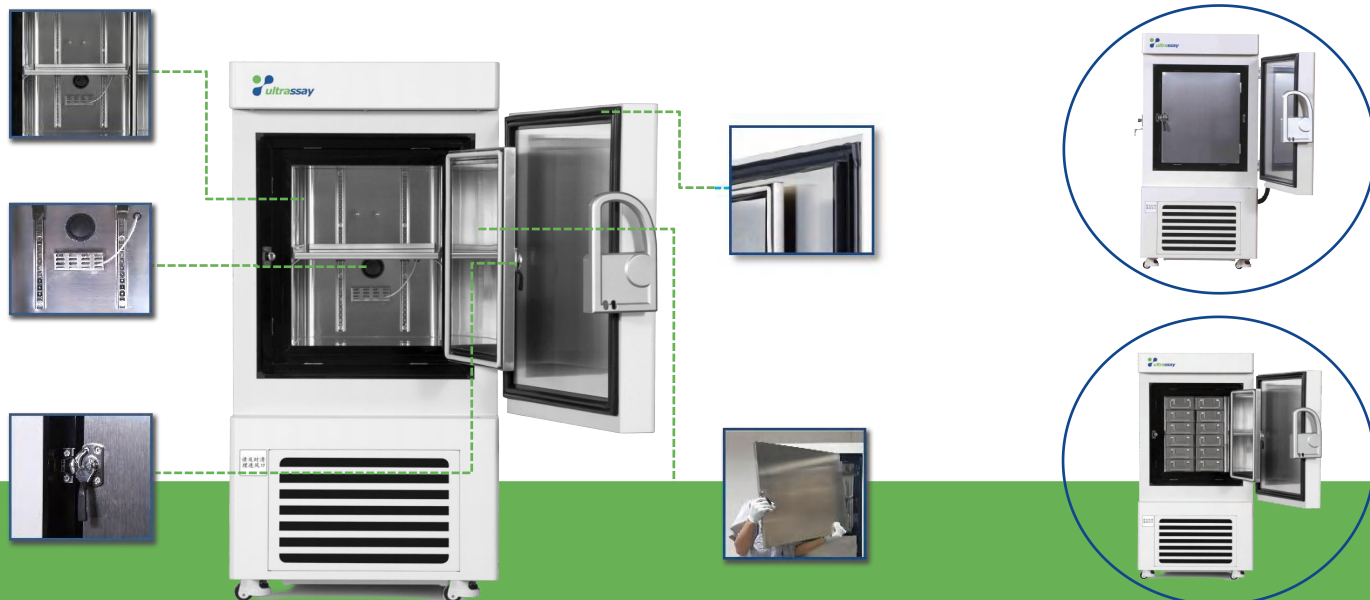
International certifications
ISO9001, ISO13485 & CE verified

Eco-friendly
CFC-free refrigerant & insulation

Energy saving
More efficient cooling system



INTERNAL STRUCTURE



SPECIFICATIONS

Basic		Refrigeration System		Alarms	
Cooling method	Direct cooling	Refrigerant	R4001 (Mixed gas)	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	Y
Temp. range	-40°C~-86°C	System	Auto-cascade	Abnormal voltage	Y
Ambient temp.	10°C~32°C	Sensor	PTC100	Sensor error	Y
Display	LED digital	Compressor brand/Qty	SECOP/1	Door ajar	Y
Access port Qty/Dia.	1/25mm	Capacity (L/cu.ft)	58/2.0	Filter screen check	Y
USB Interface	Yes/1	Insulation	PURF	Thermostat failure	Y
Remote alarm access	RS232/485	Inner door material/Qty	Foamed SUS304/3	Low battery	Y
Outside material	Color sprayed steel	Racks	2(6x2)	Condenser dean	Y
Inside material	SUS304	Boxes (2 inches)	24	High ambient temp.	Y
Castor	Universal	Samples (2 ml)	2,400	Door ajar	Y
				Power failure backup	72h
Electrical Data		Dimensions		Accessories	
Power supply	220V 50/60Hz	Packing size	730x845x1400mm	Chart recorder	Optional
Power consumption	442W	Exterior size	635x757x1212mm	Data logger	Optional
Current	3.18A	Interior size	330x453x410mm	Co2 backup system	Optional
Power consumption	6.09W/24h	Shipping volume	0.9CBM	LN2 backup system	Optional
Noise	50dB	N.W./G.W.	115/155kg	Gloves	Optional

ACCESSORIES

