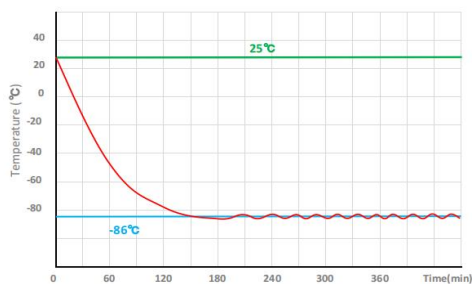


58 liters
2,400
samples**AUTO-CASCADE SYSTEM ULT SERIES**

-86°C ULT freezer is specially designed and manufactured for storage of various biological products, including viruses, germ erythrocytes, leucocyte and cutis. Applications can be found banks, hospitals, epidemic prevention service, and research laboratories in electronic and chemical plants and biological engineering institutes.

AUTO-CASCADE SYSTEM

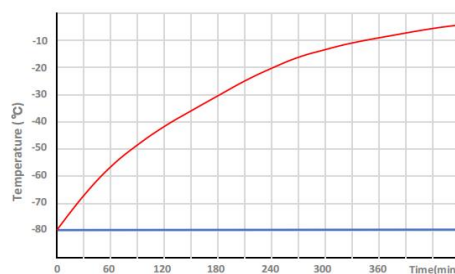
Pull down test at ambient temp.

**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

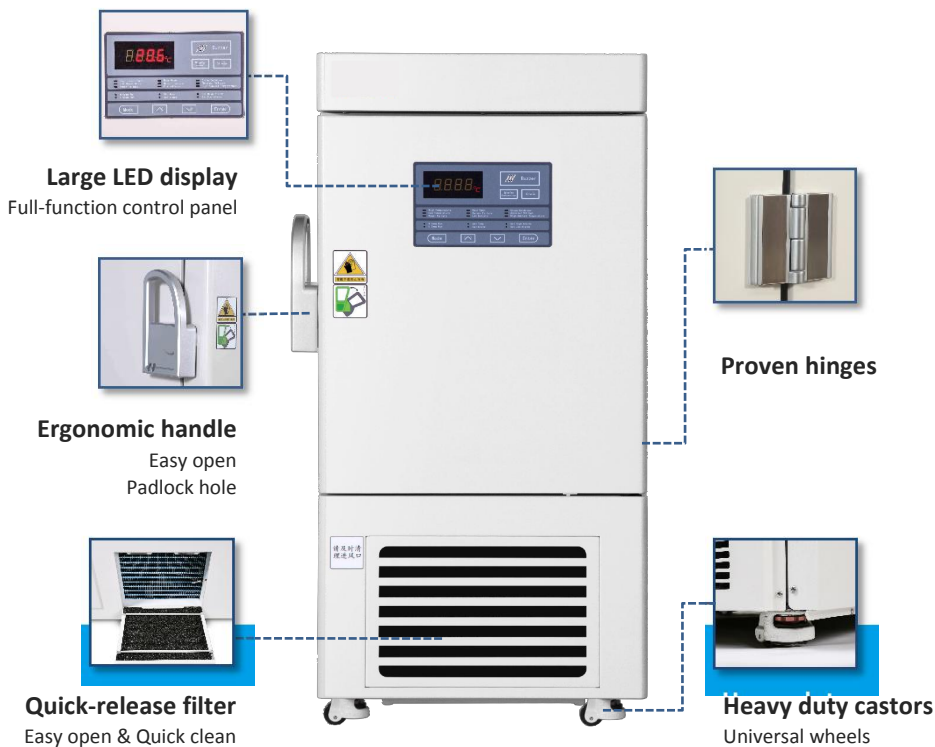


MDF-86V188E

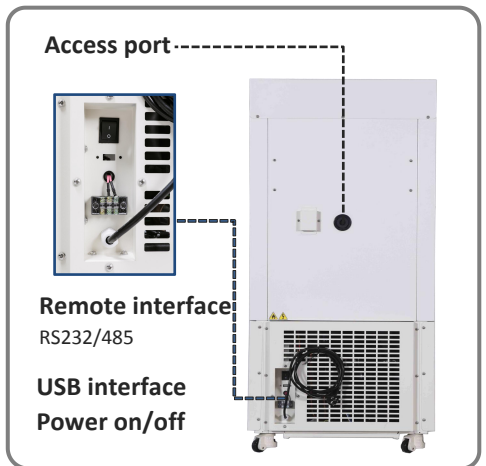


MDF-86V58

58 -838 liters
2,400-60,000 samples
for options



DrawellIPM ULT freezers are made of color sprayed antibacterial 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



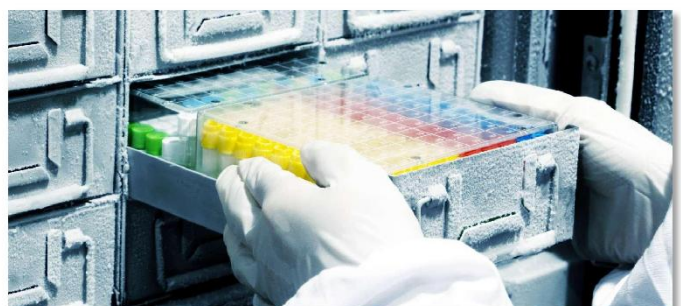
International certifications
ISO9001, ISO13485 & CE verified



Eco-friendly
CFC-free refrigerant & insulation



Energy saving
More efficient cooling system



INTERNAL STRUCTURE

www.drawell.com.cn



SPECIFICATIONS

Basic		Refrigeration System		Alarms	
Cooling method	Direct Cooling	Refrigerant	R4001(mxed gas)	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	Y
Temperature range	-40℃~-86℃	System	Auto-cascade	Abnormal voltage	Y
Ambient temperature	10~32℃	Sensor	PTC 100	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 Inteface	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 clean	Y
Inside material	SUS304	Boxes (2 Inches)	24	High ambient temperature	Y
Castor	Universal	Samples(2ml)	2,400	Door ajar	Y
				Power failure backup (alarm)	72h
Electrical Data		Dimensions		Accessories	
Voltage frequency(V/Hz)	220V 50Hz/60Hz	Package size(W*D*H)(mm)	730*845*1400	Chart recorder	Optional
Power(W)	442W	Exterior size(W*D*H)(mm)	635*757*1212	Data logger	Optional
Current(A)	3.18A	Interior size(W*D*H)(mm)	330*453*410	CO2 back up system	Optional
Power consumption	6.09Wh/24h	Shipping CBM	0.9	LN2 back up system	Optional
Noise(db)	50	N.W/G.W(kg)	115/155	Gloves	Optional

ACCESSORIES



LN2/CO2 backup system



Data logger



Chart recorder



Racks & Boxes



Gloves