






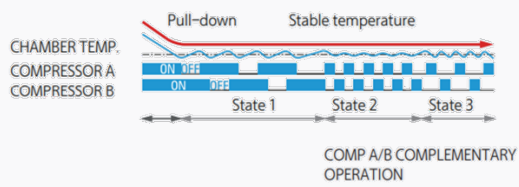
Vacc-Safe freezers can be used in hospitals, epidemic prevention stations, universities, scientific research institutes, and electronic chemical industry enterprise labs.



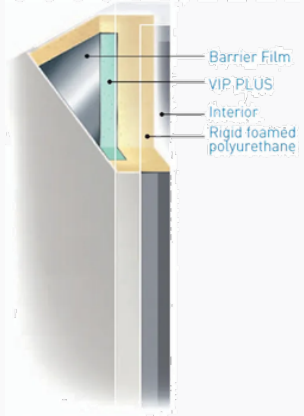
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Lockable
 Additional security for pharmaceuticals and samples.
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Security
 Audible and Visual Alarms. Safety Lock.
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Single LED Display
 High accuracy single LED displays.
- 
USB Data
 Built in USB Data Logger. Data can be traced and exported.
- 
Built-In Backup Battery
 Built in battery to display temperature when power is off.

Active ECO Technology

Applied to all Vacc-Safe ULT freezers, Active ECO Technology ensures all units default to run in ECO mode. The compressor performs based on the temperature and load of the unit. This control system tunes the speed of the compressors to optimize operation and therefore reduces energy consumption.



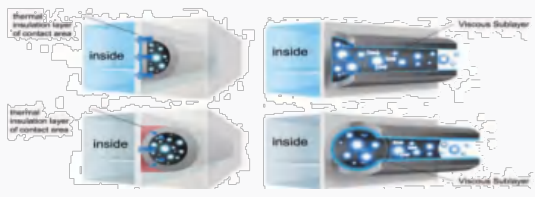
VIP Plus Vacuum Insulation



Provides up to 30% more storage capacity than a conventionally insulated freezer.

D - Shape Evaporator

Our patented D-shaped evaporating tube allows for a bigger heating exchange area. Allowing the heating exchange rate to increase by up to 15%.



Increased Product Lifespan

Powerful heat dissipation for condenser, heat exchange capacity increase by more than 20% than common copper tube fin condenser. Excellent compressor overheating protection, effectively improving the service life of core parts..

Item	Model No.	VS-86L838
Product structure data	Temperature Range	-40 ~ -86°C
	Fridge Storage Volume(L)	838L
	Product Dimensions(mm)(wxdxh)	1175*995*1990
	Interior Dimensions(mm)(wxdxh)	885*720*1310
	Packing Dimensions(mm)(wxdxh)	1250*1125*2180
	Net/Gross Weight	332/401
Technical data	Compressor type	Twin compressors
	Cooling Type	Direct cooling
	Defrost type	Manual
	Climate Class	N
	Rated Voltage/Frequency(V/Hz)	110-240V/50,60Hz
	Rated Power(W)	2030
	Rated Current(A)	9.5
	Decibel rating	65
	Energy Consumption(kwh/24h)	14.3
	Refrigerant	Mixed refrigerant
Control	Temp HI/LOW reset	N
	Sensor Qty	2
	Controller	Microprocessor
	Display	LED display
Product Performance	Temperature Accuracy	0.1 °C
	Temperature uniformity/°C	≤2°C
	Sound Alarm	Y
Alarms	Light Alarm	Y
	Power Failure Alarm	Y
	Sensor Failure Alarm	Y
	Environment Temperature Alarm	Y
	Door ajar Alarm	Y
	High Temperature Alarm	Y
	Low Temperature Alarm	Y
Accessories	USB	Y
	Door heating	Y
	Lock	Y
	Backup Battery	Y
	Backup Battery Endurance	N/A
	Shelves/Drawers Qty	3 Shelves
	Cable Port	Y
	Castors/type	1 castor (universal wheel)

