

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



USB Data

Built in USB Data Logger. Data can be traced and exported.



Security

Audible and Visual Alarms. Safety Lock.



Touch Screen Display

For ease of use



Built-In Backup Battery

Built in battery to display temperature when power is off.



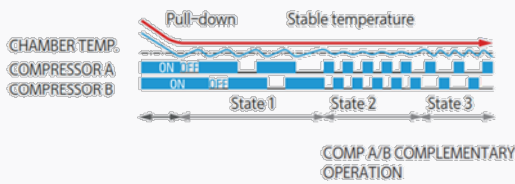
Lockable

Additional security for pharmaceuticals and samples.

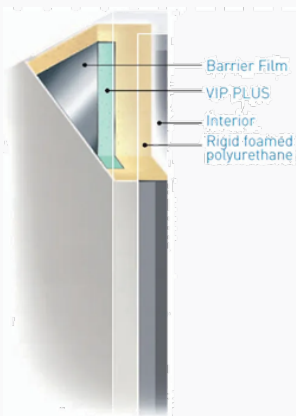


Active ECO Technology

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%.



Improved Cooling Performance.

Our patented Smart-Inverter technology significantly reduces the amount of energy consumed whilst maintaining superior temperature stability. Enjoy improved cooling performance with variations less than 2°C, a 15% reduction in energy consumption and reduced noise level.

Item	Model No.	VS-86L458S
Product structure data	Temperature Range	-40 ~ -86°C
	Fridge Storage Volume(L)	458L
	Product Dimensions(mm)(wxdxh)	885*855*1980
	Interior Dimensions(mm)(wxdxh)	595*580*1310
	Net/Gross Weight	237/289
Technical data	Compressor type	Fixed frequency
	Cooling Type	Direct cooling
	Defrost type	Manual
	Climate Class	N
	Rated Voltage/Frequency(V/Hz)	220-240V/50,60Hz
	Rated Power(W)	1190
	Rated Current(A)	5.9
	Decibel rating	46
	Energy Consumption(kwh/24h)	9.5
	Refrigerant type	Mixed refrigerant
Control	Temp HI/LOW reset	N
	Sensor Qty	2
	Controller	Microprocessor
	Display	TouchScreen
Product Performance	Temperature Accuracy	0.1°C
	Temperature uniformity/°C	≤5°C
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	Remote Alarm	Y
	USB	Y
	Heated door	Y
	Lock	Y
	Controller Backup Battery	Y
	Backup Battery Endurance	15
	Shelves/Drawers Qty	3 Shelves
	Max Load Capacity Per Shelf	49kg
Cable Port	Y	
Castors/type	Y	

