FSF-86H485 -86℃ Chest ULT Freezer

-86℃ Chest 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 research institutes, laboratories in electronic and chemical plants and biological engineering institutes.

Features

- Super-cooling technology：Auto-ascade 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.
- Dixell Temp. Controller：Pricise and stable control.
- 3 types of alarms:Audible and visual alarms.
- Multi-layer sealing design:Better sealing, better insulation.
- Eco-friendly:CFC-free refrigerant & insulation.
- Energy saving:More efficient cooling system.



Structure

- Stainless steel lid & Thick PU foamed
- Sturdy steel body with thick PU foaming
- Heavy duty castors with brake
- Ergonomic handle
- Proven Hings
- Hoverable top lid
- Buckle with padlock port
- Access port for extra monitoring
- Temp. Controller

Technical Parameter

Performance		Refrigeration System		Alarms	
Cooling method	Direct Cooling	Refrigerant	R4001(mxed gas)	High/low temperature	Y
Defrost	Manual	Temp. controller	Microprocessor	Power failure	/
Temperature range	-40℃～-86℃	System	Auto-cascade	Sensor error	Y
Ambient temperature	10~32℃	Sensor	PT 100	Door ajar	/
Display	Digital display	Compressor brand/QTY	SECOP/1	Thermostat failure	Y
Access port QTY/Dia.	1/25mm	Insulation	PURF	Power failure alarm(For controller)	/
Outside material	Power coated steel	Racks	30(11X1,6X1)		
Inside material	Stainless steel	Boxes (2 Inches)	300		
Castor	Y/4 2Universal+2Fixed	Samples(2ml)	30,000		
USB port	/	Shelf/drawer QTY	6 Baskets optional		

Electrical Data		Dimensions		Other	
Voltage frequency(V/Hz)	220V 50/60Hz; 110V/60Hz	Package size(W*D*H)(mm)	1750*873*1065	Data logger	Optional
Power(W)	670W	Exterior size(W*D*H)(mm)	1695*840*962	SS basket	Optional
Current(A)	3.16A	Interior size(W*D*H)(mm)	1455.5*525.2*674	Frozen rack	Optional
Power consumption	11.41KWh/24h	Capacity(L/cu.ft)	485/17.12	CO2/LN2 back up system	/
Noise(db)	54.5	N.W/G.W(kg)	130/150	Gloves	Optional
				RS485 port	/