

-86°C Upright Freezer



Advantage

- Accurate microprocessor-controlled system ensures temperature range of -86 °C to -40 °C for chamber space with 1 °C increment.
- Powerful cooling system with unique design supports rapidly temperature decrease.
- Safety inner door design gives more tight seal for freezer. Allow users to suit needs together with adjustable shelves.
- Chamber material made by 304 stainless steel for friendly cleaning.

Reliability

- Safety password protected control panel prevents unauthorized system modification.
- Audible buzzer and visible flashing temperature alarm system for high/low temperature, sensor error, thermostat failure alarm, power failure alarm, door switch, ambient temperature alarm, condenser failure alarm, filter check alarm, voltage abnormal alarm, low battery alarm.
- Door lock for storage safety.

Ergonomic Design

- Upright door with limit door hinge prevents collision when door opens.
- Controller password protected to avoid unauthorized system modification.
- Lockable universal caster wheels for easy moving.
- Removable inner door for user to defrost and clean.



Touch Screen



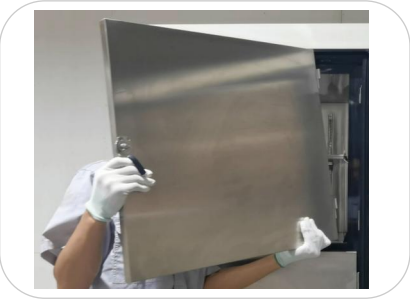
Quick-release Filter



Adjustable Shelves



Multi-layer Silicone Seals



Removable Inner Door

Optional

Temperature recorder,frozen racks and frozen boxes ,back up system (CO2 / LN2).

-86°C Upright Freezer



Specification

Model		UFZ-86V340	UFZ-86V410	UFZ-86V590	UFZ-86V730	UFZ-86V840
Capacity (L)		338	408	588	728	838
Size (W×D×H)	Internal (mm)	488×607×1140	606×575×1180	606×738×1310	963×571×1350	894×718×1310
	External (mm)	854×1072×1907	891×992×1945	891×1155×1995	1248×975×1995	1179×1135×1995
Temperature	Range (℃) at RT.10~32℃	-40~-86	-40~-86	-40~-86	-40~-86	-40~-86
	Sensor	PTC	PTC	PTC	PTC	Microprocessor
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	HC(CFC Free)
Cooling System	Refrigerant	HC(CFC Free)	HC(CFC Free)	HC(CFC Free)	HC(CFC Free)	Manual
	Defrost	Manual	Manual	Manual	Manual	SECOP/2
	Compressor (Qty)	SECOP/2	SECOP/2	SECOP/2	SECOP/2	LCD display
Display		LCD display	LCD display	LCD display	LCD display	
Audible & Visible Alarm		High/Low temperature, High ambient temperature, Sensor error, Abnormal voltage, Low battery, Door ajar, 72h Power failure backup system(alarm)		High/Low temperature, High ambient temperature, Sensor error, Abnormal voltage, Low battery, Door ajar, 72h Power failure backup system(alarm)		
Material	Internal	Stainless steel, grade 304		Stainless steel, grade 304		
	External	Electro-galvanized steel with antimicrobial powder coating		Electro-galvanized steel with antimicrobial powder coating		
	Inner Door	Stainless steel, grade 304		Stainless steel, grade 304		
Accessories	Standard	USB port, Casters, Remote alarm port		USB port, Casters, Remote alarm port		
	Test Hole(Qty)/Dismeter(mm)	2/25	1/25	1/25	1/25	1/25
	Optional	Data logger, Back up system (CO ₂ /LN ₂)		Data logger, Back up system (CO ₂ /LN ₂)		
	Chart Recorder	Optional	Optional	Optional	Optional	Optional
Shelves / Drawers (Qty)		Shelves/3	Shelves/3	Shelves/3	Shelves/3	Shelves/3
Optional Frozen Racks (Qty)	Racks	12(4×4)	8(5×4)+8(4×4)	16(5×5)	18(5×4)+6(6×4)	24(5×5)
	Boxes (2 Inches)	192	288	400	504	600
	Samples (2ml)	19200	28800	40000	50400	60000
Sound Emission (dB)		50	50	53	53	53
Electricity	Power Supply	AC110/220V±10%, 50/60Hz		AC110/220V±10%, 50/60Hz		
	Consumption (W)	620	650	690	710	720
N.W. / G.W. (kg)		296/306	292/317	335/364	335/364	397/430
Shipping Size (W×D×H) (mm)		854×1072×1907	891×992×1946	891×1155×1995	1248×975×1995	1179×1135×1995

-86°C Upright Freezer

-86°C Upright Freezer