

-25°C Upright Freezer



-25°C Freezers are widely used in hospitals and laboratories, to store drugs, vaccines, blood, enzymes, hormones, stem cells, extracted RNA and gene libraries, and important biological and chemical reagents.



Independent inner door to avoid more cooling leakage, and provide more stable inside temperature performance.



Upright side door with build-in handle for easy-opening; limit door hinge to prevent collision when door open.



Specification

Model		FZ-25V100	FZ-25V270E	FZ-25V280W
Capacity (L)		100	268	278
Size (W×D×H)	Internal (mm)	410×410×670	508×455×1137	480×415×1460
	External (mm)	540×553×877	673×676×1620	659×600×1694
Temperature	Range (℃) at RT.10~32℃	-10~-25	-10~-25	-10~-25
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant (CFC Free)	R600a	R290	R290
	Defrost	Manual	Manual	Manual
	Compressor (Qty)	KY55C45G/1	CUBIGELN/1	DONPERN/1
Display		Digital display	Digital display	Digital display
Audible & Visible Alarm	Standard	High/Low temperature, sensor error, door ajar, Temperature controller malfunction		
	High Ambient Temperature	/	/	/
	Abnormal Voltage	/	/	/
	Power Failure Backup System (Alarm) (h)	8	8	/
Material	Internal	HIPS	Electro-galvanized steel with antimicrobial powder coating	
	External	Electro-galvanized steel with antimicrobial powder coating		
Accessories	USB port	/	Optional	/
	Casters	/	Standard	Standard
	Data Logger	Optional	Optional	Optional
	Remote Alarm Port	/	Optional/(Free)	/
	Test Hole (Qty) / Φ (mm)	/	1/25	1/25
Shelves / Drawers (Qty)		Shelves/3, Drawers/4	Shelves/3	Drawers/7
Sound Emission (dB)		50	46	46
Electricity	Power Supply	AC 110/220V ±10%,50/60Hz		
	Consumption (W)	73	215	195
N.W./G.W. (kg)		32/43	92/114	105/115
Shipping Size (W×D×H) (mm)		640×650×1100	755×755×1750	710×660×1790

Humanized design

Clear LED screen and control panel support easy display and operation.

Lockable universal caster wheels.

Inner doors or drawer design makes separated storage possible.

Eco friendly CFC-free refrigerant also save energy.

Coil evaporator for better performance & easy maintenance.

Reliability

Audible buzzer and visible flashing temperature alarm system for High/low temperature, power failure, sensor error, door ajar, thermostat failure alarm.

Safety password protected control panel prevents unauthorized system modification.

Door lock for storage safety.

Humanized design

Upright door with limit door hinge prevents collision when door opens.

Controller password protected to avoid unauthorized system modification.

-25°C Upright Freezer



Specification

Model		FZ-25V330E	FZ-25V360	FZ-25V530	FZ-25V1000
Capacity (L)		328	358	528	936
Size (W×D×H)(mm)	Internal	508×455×1393	466×636×625	(651×631.5×635)x2	1000×700×1335
	External	673×676×1886	720×x830×1870	900×818×1875	1304×1000×2017
Temperature	Range (°C) at RT.10~32 °C	-10~-25	-10~-25	-10~-25	-10~-25
	Sensor	NTC	NTC	NTC	PTC
	Controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant (CFC Free)	R290	R290	R290	R404A
	Defrost	Manual	Manual	Manual	Manual
	Compressor (Qty)	CUBIGELN/1	CUBIGEL/2	MEIZHI/2	SECOP/2
Display		Digital display	Digital display	Digital display	Digital display
Audible & Visible Alarm	Standard	High/Low temperature, sensor error, door ajar, Temperature controller malfunction			
	High Ambient Temperature	/	Standard	Standard	Standard
	Abnormal Voltage	/	/	/	Standard
	Power Failure	8h	8h	8h	72h
	Backup System (Alarm)				
Material	Internal	Electro-galvanized steel with antimicrobial powder coating			Stainless steel, grade 304
	External	Electro-galvanized steel with antimicrobial powder coating			
Accessories	USB port	Optional	Standard	Standard	Standard
	Castors	Standard	Standard	Standard	Standard
	Data Logger	Optional	Optional	Optional	Optional
	Remote Alarm Port	Optional/(Free)	Optional	Standard	Standard
	Test Hole (Qty) / Φ (mm)	1/25	2/25	2/25	1/18
Shelves / Drawers (Qty)		Shelves/4	Shelves/4, Drawers/12	Shelves/4, Drawers/18	Shelves/3
Sound Emission (dB)		46	49	55	50
Electricity	Power Supply	AC 110/220V ±10%, 50/60Hz			
	Consumption (W)	218	310	258	1000
N.W./G.W. (kg)		104/126	138/178	160/180	378/413
Shipping Size (W×D×H) (mm)		770×770×2040	780×920×1990	921×960×1950	1350×1080×2150

-25°C Combination Refrigerator/Freezer



Advantage

- Clear LED screen and control panel support easy display and operation.
- Lockable universal caster wheels.
- Inner doors or drawer design makes separated storage possible.
- Eco friendly CFC-free refrigerant also save energy.
- Coil evaporator for better performance & easy maintenance.

Ergonomic Design

- Upright door with limit door hinge prevents collision when door opens.
- Controller password protected to avoid unauthorized system modification.

Reliability

- Audible buzzer and visible flashing temperature alarm system for High/low temperature, power failure, sensor error, door ajar, thermostat failure alarm.
- Safety password protected control panel prevents unauthorized system modification.
- Door lock for storage safety.

Specification

Model		RFZ-25V300	RFZ-25V370	RFZ-25V530
Capacity (L)	R:Refrigerator; F:Freezer	R: 198 F: 102 Total: 300	R: 183 F: 185 Total:368	R: 273 F: 255 Total:528
Size (W×D×H)	Internal (mm)	R: 565×480×759 F: 461×465×600	R: 580×626×625 F: 466×636×625	R:765×640×635 F:651×636×635
	External (mm)	650x620x1980	720x830x1870	900×818×1870
Temperature	Range (°C) at RT.10~32 °C	F: -10 ~-25; R: 2~8	F: -10 ~-25; R: 2~8	F: -10 ~-25; R: 2~8
	Sensor	NTC	NTC	NTC
	Controller	Microprocessor	Microprocessor	Microprocessor
Cooling System	Refrigerant (CFC Free)	R290	R290	R290
	Defrost	Manual	Manual	Manual
	Compressor (Qty)	2	2	CUBIGEL/2
Display		Digital display	Dual Independent Digital Display	Dual Independent Digital Display
Audible & Visible Alarm	Standard	High/Low temperature, sensor error, door ajar		
	High Ambient Temperature	Standard	Standard	Standard
	Power Failure Backup System (Alarm)	8h	8h	8h
Material	Internal	Engineeringplastics	SPCC sprayed steel	SPCC sprayed steel
	External	SPCC sprayed steel	SPCC sprayed steel	SPCC sprayed steel
Accessories	USB port	/	Standard	Standard
	Castors	Standard	Standard	Standard
	Data Logger	Optional	Optional	Optional
	Remote Alarm Port	/	Standard	Standard
	Test Hole (Qty) / Diameter (mm)	2/25MM	2/25MM	2/25MM
Shelves / Drawers (Qty)		Shelves/2, Drawers/3	Shelves/3, Drawers/6	Shelves/3 Drawers/9
Sound Emission (dB)		49	50	50
Electricity	Power Supply	AC 110/220V ± 10%, 50/60Hz		
	Consumption (W)	349	363	431
N.W./G.W. (kg)		100/120	130/170	168/188
Shipping Size (W×D×H) (mm)		720×695×2015	780×920×2000	921×960×1950