

# -25°C FREEZER



# -25°C FREEZER

Engineered for storage of number of samples like test samples and plasma to biologicals, enzymes for genetic research, sensitive materials and temperature. Features like low energy consumption, low noise level, low heat dissipation and safety towards audible alarm for high/ low temperature makes this product perfect.

Used in Laboratories, Routine Cold Storage, Biologicals, Pharmaceuticals, Clinical, Research.

Also known as Laboratory ULT freezer, ULT Freezer, Ultra-low Freezer.

## ULT13 -10°C TO -25°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER

Chemically stable, CFC-Free, environmentally, safe refrigerant

High density CFC-Free urethane foam insulation for rigidity and stable storage temperature

Microprocessor control, digital display adjustable

LED digital display

Audible and visible alarm

Controller password protect function to avoid change running parameter randomly

Independent inner door to avoid more cooling leaking out, and provide more stable internal temperature performance

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

Lockable caster design for customer to move as needed



### SPECIFICATIONS

Model	ULT13-105	ULT13-268	ULT13-328
Capacity	105 L	268 L	328 L
Temperature Range	-10°C to -25°C		
Ambient Temperature	10°C ~ +32°C		
Defrosting	Manual		
Cooling Type	Direct Cooling		
Insulation Material	PURF	-	-
Refrigerant	HC-R290	R290	
Internal Dimension	480x380x665 mm	508x455x1137 mm	508x455x1393 mm
Overall Dimension	615x570x880 mm	690x680x1635 mm	690x680x1900 mm
Package Size	675x625x1000 mm	760x760x1750 mm	750x760x2030 mm
Exterior	Color Sprayed steel	-	-
Controller	Microprocessor, Digital display		
Sensor	NTC		
Compressor Brand/QTY	DONPERN/1	CUBIGELN/1	
Noise Level	46 db		
Alarm	High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction	High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction, Door ajar	
Standard Accessories	Caster, Test hole 1/25 mm	Caster, Remote alarm	
Weight (Net/Gross)	62 / 70 kg	-	-

Rated Power	174 W	-	-
Power Consumption ( Kwh/24hrs )	1.59	3	
Power Supply	220V, 50Hz		
Drawers/Shelves	-	Shelves	
Optional Accessories	-	Test hole	



ULT13-105



ULT13-268



ULT13-328

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### SPECIFICATIONS

Model	ULT13-485	ULT13-278
Capacity	485 L	278 L
Temperature Range	-10°C to -25°C	
Ambient Temperature	10°C ~ +32°C	
Defrosting	Manual	
Cooling Type	Direct Cooling	
Insulation Material	PURF	-
Refrigerant	HC-R290	R290
Internal Dimension	1455x525x665 mm	480x415x1460 mm
Overall Dimension	1655x755x915 mm	670x640x1695 mm
Package Size	1710x885x1020 mm	730x670x1850 mm
Exterior	Color Sprayed steel	-
Controller	Microprocessor, Digital display	
Sensor	NTC	
Compressor Brand/QTY	CUBIGELN/1	DONPERN/1

Alarm	High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction	High/low temperature, Sensor malfunction, Temperature controller malfunction, Door ajar
Standard Accessories	Caster Optional accessories: Test hole	-
Weight (Net/Gross)	124 / 138 kg	-
Rated Power	295 W	-
Power Consumption ( Kwh/24hrs )	3.45	1.5
Power Supply	220V, 50Hz	
Drawers/Shelves	-	Shelves
Noise Level	-	46 db



ULT13-485



ULT13-278

# ULT13-528 -10°C TO -25°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER

The temperature accuracy is 0.1 °C.

Independent door to avoid cooling leakage provide ensure good inner temperature uniformity

Safety door lock and controller setting password to prevent unauthorized access

Build-in back-up battery to power temperature controller when power failure or system error

Visual and audible alarm system.

Power failure protection: turn on delay of the cooling system after power failure

Controller error protection: when controller or two sensors failed, the device will keep working depending on the preset program.

18 drawers for easy storing

External and internal material is steel plate with corrosion resistant printing

Service free fan motor for long time and safe use

Environmental friendly CFC-free refrigerant and foam layer

Independent door to avoid cooling leakage provide ensure good inner temperature uniformity

Safety door lock and controller setting password to prevent unauthorized access

Build-in back-up battery to power temperature controller when power failure or system error

Visual and audible alarm system

Power failure protection: turn on delay of the cooling system after power failure

Controller error protection: when controller or two sensors failed, the device will keep working depending on the preset program.

18 drawers for easy storing

External and internal material is steel plate with corrosion resistant printing

Service free fan motor for long time and safe use

Environmental friendly CFC-free refrigerant and foam layer



## SPECIFICATIONS

Model	ULT13-528
Capacity	528 L
Temperature Range	-10°C to -25°C
Ambient Temperature	10°C ~ +32°C
Defrosting	Manual
Cooling Type	Direct Cooling
Refrigerant	R290
Internal Dimension	651x631.5x6.5 mm * 2
Overall Dimension	900x818.5x1828 mm
Package Size	997x912x1982 mm
Drawers/Shelves	Shelves and drawers
Controller	Microprocessor, Digital displayx2
Compressor Brand/QTY	2
Noise Level	55 db
Alarm	High/low temperature, Power failure, Sensor malfunction, High Ambient temperature, Door Ajar

Standard Accessories	Caster*4, Test hole 25mm*2, Basket*18, Shelf*4
Optional Accessories	Data logger, Printer, 110V transformer
Weight (Net/Gross)	160/180 kg
Rated Power	310 W
Power Consumption ( Kwh/24hrs )	6
Rated Current A	2.9
Power Supply	220 V/50~60 Hz

## ULT13-936 -10°C TO -25°C ULTRA LOW TEMPERATURE UPRIGHT FREEZER

LED digital display and increment at 0.1°C

Permanently lubricated cooling fan for safety and longevity

Independent inner door to avoid more cooling leaking out, and provide more stable inside temperature performance

High density CFC-Free urethane foam insulation

Build-in lock with safety

Lockable caster design

Chemically stable, CFC -free, commercially available and environmentally safe refrigerant

Optimized refrigeration system designed to maximize cooling effect and temperature uniformity

Visible and Audible alarm

Corrosion proof cabinet interior design

Power failure protect: the device would be attack by the high current when all devices restart simultaneously, the start-delay function would protect device from the damage



### SPECIFICATIONS

Model	ULT13-936
Capacity	936 L
Temperature Range	-10°C to -25°C
Ambient Temperature	10°C ~ +32°C
Defrosting	Manual
Cooling Type	Direct Cooling
Insulation Material	PURF
Refrigerant	R404A
Internal Dimension	1000x700x1335 mm
Overall Dimension	1304x1000x2017 mm
Package Size	1350x1080x2150 mm
Drawers/Shelves	Shelves
Interior	Stainless steel
Exterior	Color sprayed steel
Controller	Microprocessor, Digital display
Sensor	PTC
Compressor Brand/QTY	SECOP/2
Evaporator	Submerged coil evaporator
Evaporator Material	Copper tube evaporator

Condenser	Copper tube and finned
Noise Level	50 db
Alarm	High/low temperature, Power off, High / Low voltage, Sensor malfunction, Temperature controller malfunction, Backup battery malfunction, Condensor malfunction, Ambient temperature, Door ajar
Standard Accessories	Foot, Test hole 1/18 mm, Remote alarm, CO2 backup system
Optional Accessories	LN2 backup system, USB port, Temperature recorder
Weight (Net/Gross)	310/330 kg
Rated Power	1000 W
Power Consumption ( Kwh/24hrs )	10
Rated Current A	5.8
Power Supply	220V, 50Hz



**Biozef**

82 Wendell Avenue, STE 100, Pittsfield, MA, 01201, USA  
Email: [info@biozef.com](mailto:info@biozef.com) | Website: [biozef.com](http://biozef.com)