



-25°C FREEZER

-25°C FREEZER

A perfect partner for your multi cold storage purposes in a contemporary lab set up. Microprocessor based temperature controls provide outstanding temperature uniformity with high quality compressor for energy efficiency. Safety features and durable interiors provide you with the most dependable performance.

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

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

400 -25°C FREEZER CHEST



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	BFRZ-25-401	BFRZ-25-402
Capacity	105 L	485 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	
Internal Dimension	480x380x665 mm	1455x525x665 mm
Overall Dimension	615x570x880 mm	1655x755x915 mm
Package Size	675x625x1000 mm	1710x885x1020 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	
Standard Accessories	Caster, Test hole 1/25 mm	Caster Optional accessories: Test hole
Weight (Net/Gross)	62 / 70 kg	124 / 138 kg
Rated Power	174 W	295 W
Power Consumption (Kwh/24hrs)	1.59	3.45
Power Supply	220V, 50Hz	



BFRZ-25-401



BFRZ-25-402

500 -25°C UPRIGHT FREEZER



Chemically stable, CFC-Free, environmentally, safe refrigerant

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Microprocessor control, digital display adjustable

LED digital display

Audible and visible alarm

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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	BFUR-25-501	BFUR-25-502	BFUR-25-503
Capacity	268 L	278 L	328 L
Temperature Range	-10°C to -25°C		
Ambient Temperature	10°C ~ +32°C		
Defrosting	Manual		
Cooling Type	Direct Cooling		
Refrigerant	R290		
Internal Dimension	508x455x1137 mm	480x415x1460 mm	508x455x1393 mm
Overall Dimension	690x680x1635 mm	670x640x1695 mm	690x680x1900 mm
Package Size	760x760x1750 mm	730x670x1850 mm	750x760x2030 mm
Drawers/Shelves	Shelves		
Controller	Microprocessor, Digital display		
Sensor	NTC		
Compressor Brand/QTY	CUBIGELN/1	DONPERN/1	CUBIGELN/1
Noise Level	46 db		
Alarm	High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction, Door ajar	High/low temperature, Sensor malfunction, Temperature controller malfunction, Door ajar	High/low temperature, Power off, Sensor malfunction, Temperature controller malfunction, Door ajar
Standard Accessories	Caster, Remote alarm	-	Caster, Remote alarm
Optional Accessories	Test hole	-	Test hole
Power Consumption (Kwh/24hrs)	3	1.5	3
Power Supply	220V, 50Hz		



BFUR-25-501



BFUR-25-502



BFUR-25-503

BFUR-25-504 -25°C 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	BFUR-25-504
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

BFUR-25-505 -25°C 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	BFUR-25-505
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

BFUR-25-506 -25°C FREEZER CHEST



Undercounter Mini type Drawer x 4

SPECIFICATIONS

Model	BFUR-25-506
Capacity	100 L
Temperature Range	-10°C to -25°C
Alarm	High&low temp, power failure, control error, door open
External Dimension	540X540X880 mm
Power	187~242V, 50/60Hz
Optional Parts	110V transformer; Datalogger

BFRZ-25-404 -25°C FREEZER CHEST



Double Door Drawer x 12 USB port

SPECIFICATIONS

Model	BFRZ-25-404
Capacity	358 L
Temperature Range	-10°C to -25°C
Alarm	High&low temp, power failure, control error, door open, high ambient temperture
External Dimension	720×830×1870 mm
Power	187~242V, 50/60Hz
Optional Parts	110V transformer; Datalogger



Biolab Scientific Ltd.

3660 Midland Avenue, Suite 300, Toronto, Ontario M1V 0B8, Canada

Email: info@biolabscientific.com | Website: www.biolabscientific.com