



## -86°C ULT FREEZER BFRZ-86-201

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-86°C ULT CHEST FREEZER



Accurate temperature controller, setting temperature range is -40 to -86°C, accuracy is 0.1 °C.

Suggested ambient temperature: +10 to 32°C.

Stainless steel inner chamber for friendly use and easy cleaning.

Brand compressor to ensure excellent stability of the cooling system.

Patented refrigeration technology, high-efficiency mixed gas for the cooling system.

Security

Safety door lock to prevent unauthorized access.

Visual and audible alarm system: High/low temperature, sensor failure, controller error.

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

## SPECIFICATIONS

Model	BFRZ-86-201
Temperature Range	-40 ~ -86°C
Ambient Temperature	10~32°C
Capacity (L/Cu.Ft.)	105 / 3.71
Interior Dimensions (WxDxH) mm	480x380x665
Exterior Dimensions (WxDxH) mm	680x580x935
Weight	65 kgs
Noise	50 dB
Cold Rack Max. Loading Capacity (pcs)	2B1U Rack / 2, 2B1D Rack / 2
2" Cold Box Max. Loading Capacity (pcs)	34
0.5~2ml Vials Max. Loading Capacity (pcs)	3,400
Controller	Microprocessor
Display	Digital
Sensor	PTC
Voltage and Frequency	220V±10%, 50/60Hz
Power	500 W
Electric Current	2.53 A
Power Consumption (kWh/24h)	4.79
High / Low Temp. Alarm	Yes
Power Failure Alarm	Yes
Sensor Error Alarm	Yes
Controller Error Alarm	Yes
Refrigeration Type	Direct Cooling
Defrost	Manual
Compressor (Brand/pcs)	Cubigel / 1
Refrigerant / Weight	R4001 / 180g
Door (pcs)	Foamed Solid Door / 1
Interior Cabinet Material	Stainless Steel
Exterior Cabinet Material	Coated Steel
Insulation Material	PURF (≥100mm)
Door Lock	Yes

Test Hole (pcs)	1
Castors (pcs)	4
Temperature Datalogger	Optional
Protective Gloves	Optional
Package	Carton box with pallet
Shipping Weight	70 kgs
Shipping Size (WxDxH)	760x735x1040
Shipping Volume	0.58 CBM
Alt Name	-86°C Ultra-low Freezer



## FEATURES

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### Security

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Visual and audible alarm system: High/low temperature, sensor failure, controller error.

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

Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when the controller or two sensors failed.

### Humanized design

Castors with stoppers for easy moving and fixation.

Special-designed service-free drainage system.



### Datalogger

## APPLICATIONS

The -86°C ultra-low temperature freezers are designed for the long-term preservation of viruses, germs, vaccines, biological tissues and organs, special food, medicines, reagents, etc.



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