













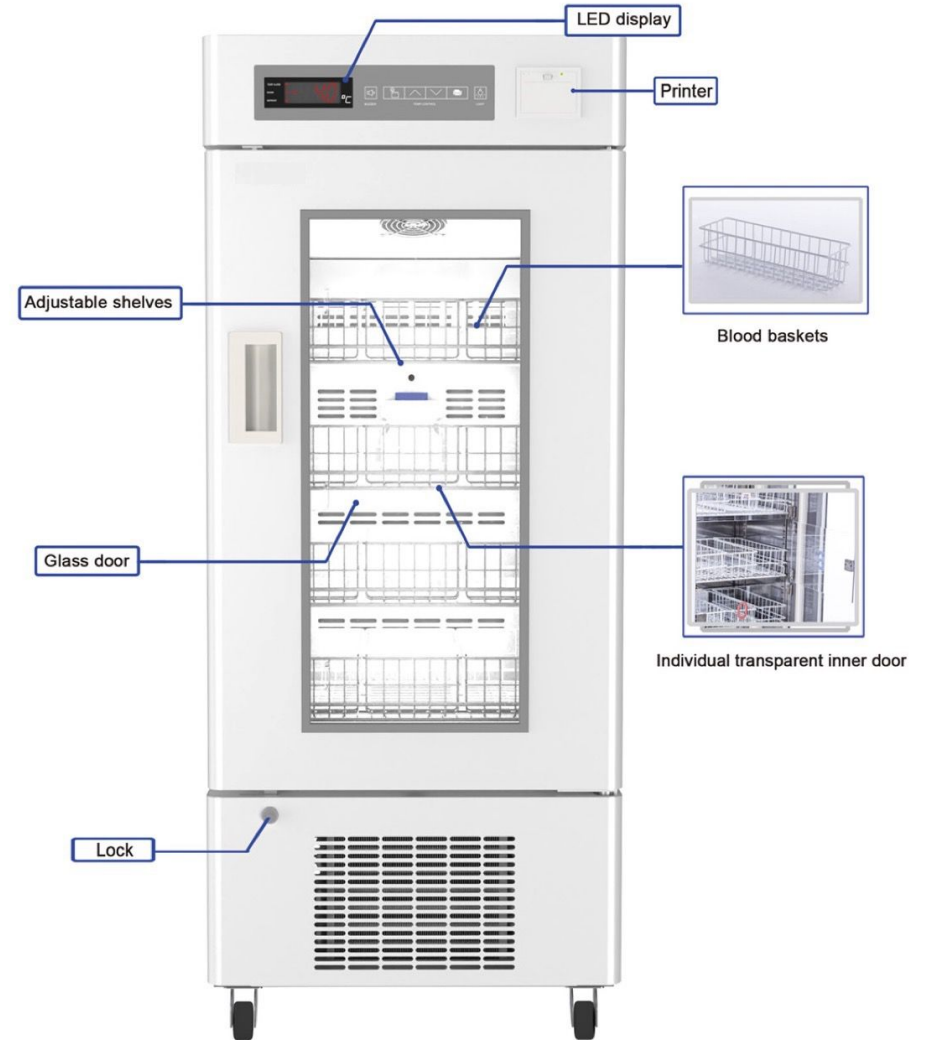




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## Blood Bank Refrigerator(4±1°C)



### Advantage

1. Multiple sensors design: make sure the precise monitoring and programming.
2. Unibody Design, Mono-assembly foaming (Rigid polyurethane insulation material).
3. Forced air refrigeration system, ensure inner temperature constant and uniform.
4. Adjustable shelves, improve space utilization; blood storage baskets can be classified.
5. Individual transparent inner door, effectively reduce cool air loss when opening the door.



### Technical Parameters

Model	BBR-4V86	BBR-4V136	BBR-4V296	BBR-4V356	BBR-4V466
Capacity	86L	136L	296L	356L	466L
Temp. Range	4±2°C				
Temp. Accuracy	0.1°C				
Control System	Microprocessor control				
Display	LED display				
Alarm	Audio and visual alarm for: High or low temperature, Sensor & system failure; Door ajar, Power failure				
Refrigeration Type	Forced air refrigeration system				
Refrigerant	R134a, CFC-Free				
Compressor	International famous compressor				
Condenser & Evaporator	High efficiency air-cooled condenser; Made of copper				
Defrost	Frostless design				
Construction	Unibody Design, Mono-assembly foaming (Rigid polyurethane insulation material)				
Material	Internal Material	Stainless steel			
	External Material	Sprayed steel plate			
Door	Electric heated glass semi-foamed door with lock, Acrylic inner door	Electric heating glass outer door; Acrylic inner door;	Outer door with locking buckle	Electric heated glass semi-foamed door with lock, Acrylic inner door	
Consumption	245W/264VA	252W/264VA	267W/528VA	352W/528VA	380W/594VA
Power Supply	AC220V±10%, 50Hz (Standard); AC110/220V,60Hz (Optional)				AC220V±10%, 50Hz (Standard)
Casters	Two universal casters with brakes, two directional casters				
Adjustable Shelves	2pcs	4pcs	4pcs	5pcs	5pcs
Baskets	6pcs	12pcs	12pcs	15pcs	20pcs
Blood Bags (450ml)	66pcs (450ml)	132pcs (450ml)	156pcs (450ml)	195pcs (450ml)	300pcs (450ml)
Standard Accessory	Thermal printer, LED lamp, The temperature test box, probe access port, door key				
Optional Accessory	Temperature recorder, USB port, RS485, Increase shelves number				
External Size(W*D*H) mm	530*660*1037	530*660*1287	630*720*1658	630*720*1886	680*747*1886
Package Size(W*D*H)mm	680*740*1330	685*750*1560	780*840*1910	770*830*2070	820*910*2080
Gross Weight	103kg	120kg	160kg	175kg	199kg

## Blood Bank Refrigerator (Double Door)



### Introduction:

Blood bank refrigerator series products are applied to places needing storage at constant temperature, such as hospitals, epidemic prevention stations, blood banks, scientific research institutions, colleges and universities, biological pharmacies, genetic engineering, etc. The storing temperature in the body can be regulated by the temperature button on the control panel. The application is convenient and the performance is reliable.

### Advantage:

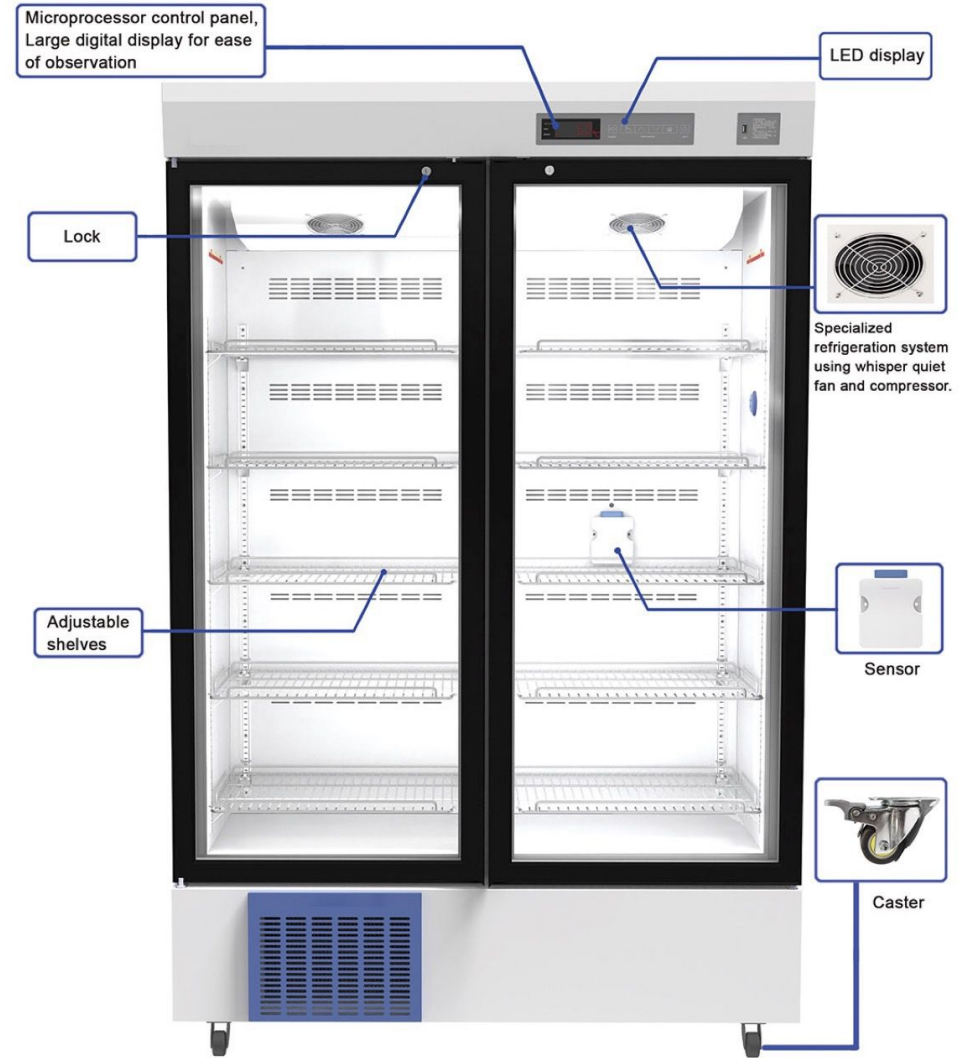
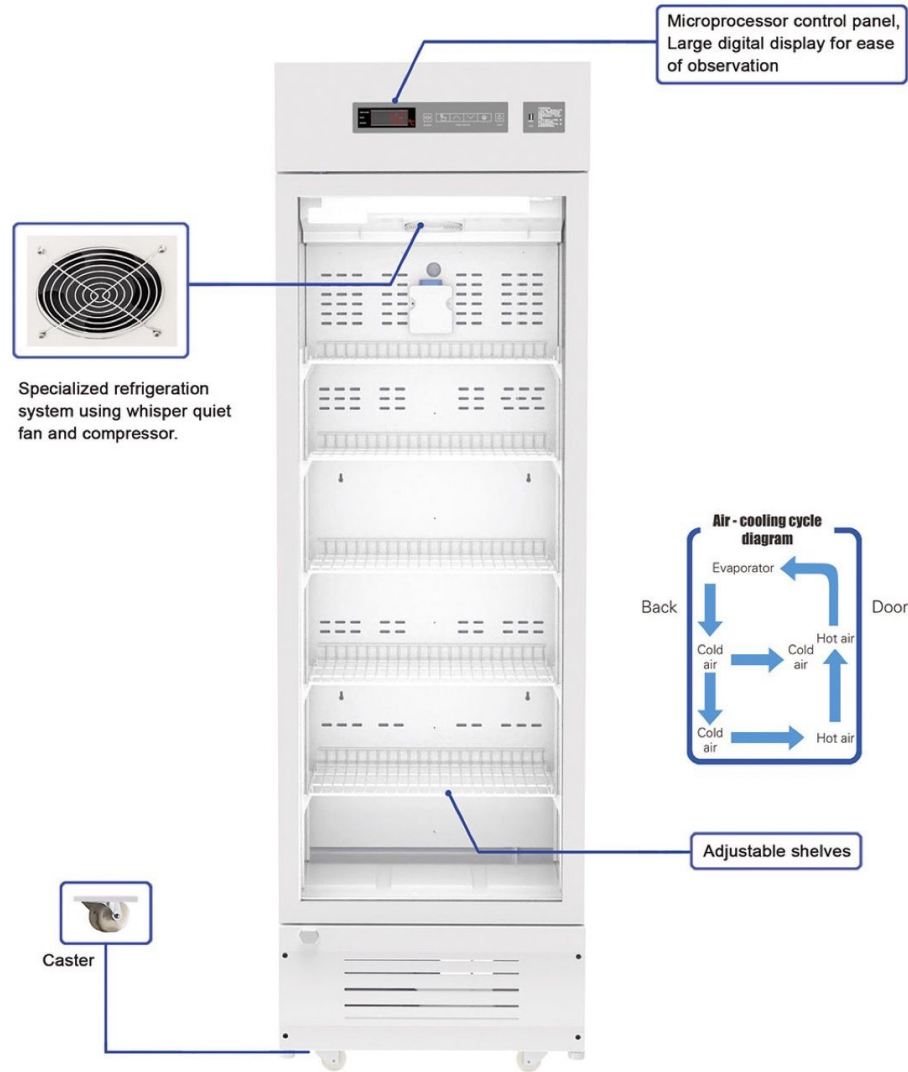
1. Multiple sensors design: make sure the precise monitoring and programming.
2. Electric heated glass semi-foamed door, easy to observe, also keep a better cooling temperature.
3. Forced air refrigeration system, ensure inner temperature constant and uniform.
4. Adjustable shelves, improve space utilization; blood storage baskets can be classified.
5. Individual transparent inner door, effectively reduce cool air loss when opening the door.

### Technical Parameters

Model	BBR-4V626	BBR-4V966
Capacity	626L	966L
Temp. Range	4±2°C	
Temp. Accuracy	0.1°C	
Control System	Microprocessor control	
Display	LED display	
Alarm	Audio and visual alarm for: High or low temperature, Sensor & system failure; Door ajar, Power failure, Low battery	
Refrigeration Type	Forced air refrigeration system	
Refrigerant	R134a, CFC-Free	
Defrost	Frostless Design	
Construction	Unibody Design, Mono-assembly foaming (Rigid polyurethane insulation material)	
Material	Internal Material	Stainless steel
	External Material	Cold-rolled steel with anti-bacteria powder coating
Door	Electric heated glass semi-foamed door with lock, Heating film preventing frosting, Sealing joint strip with magnetic force. Transparent plastic inner door*6	
Casters	4 casters	
Consumption	550W/704VA	560W/704VA
Power Supply	AC220V±10%, 50Hz(Standard); AC110/220V,60Hz(Optional)	
Adjustable Shelves	12 pcs	12 pcs
Baskets	36 pcs	36 pcs
Blood Bags (450ml)	10*36=360 pcs	16*36=576 pcs
Standard Accessory	Temperature printer, LED lamp, probe access port, door key	
Optional Accessory	Temperature recorder, USB port, RS485, Increase shelves number	
External Size (W*D*H) mm	1220*665*1885	1220*895*1885
Package Size (W*D*H) mm	1340*750*2100	1340*980*2100
Gross Weight	250kg	286kg

## Laboratory Refrigerator(2-8°C)

## Laboratory Refrigerator(2-8°C)



## Laboratory Refrigerator



BPR-5V68F/108F



BPR-5V288F/358F/468F

### Technical Parameters

Model	BPR-5V68F	BPR-5V108F	BPR-5V288F	BPR-5V358F	BPR-5V468F
Volume	68L	108L	288L	358L	468L
Type	2 pcs shelves	3 pcs shelves	4 pcs shelves	5 pcs shelves	5 pcs shelves
Refrigeration Mode	Air-cooled				
Defrosting Mode	Frost-free				
Refrigerant/g	R600a, 21g	R600a, 27g	R290, 55g	R290, 75g	R290, 97g
Noise	55dB(A)				
Ambient Temp.	10~32°C				
Temp. Range	5±3°C				
Temp. Accuracy	0.1°C				
Evaporator	Plate and tube type, copper tube and aluminum fin				
Condenser	Bundy tube		Copper tube and aluminum fin		
Sensor	NTC				
Thermostat	Electronic thermostat				
Door	Foamed cyclopentane				
Display	Digital tube display				
Interface	USB				
Power Supply	110~220V/50~60Hz				
Power	85W/154VA	95W/154VA	220W/286VA		
Current	0.7A		1A		
Internal Material	Sprayed steel plate				
External Material	Sprayed steel plate				
Lagging	Foamed polyurethane cyclopentane				
Standard Accessories	High and low temperature alarm, power fault alarm, thermostat fault alarm, door ajar alarm, LED lamp, USB port				
Optional Accessories	Printer, 485 port				
Net Weight	41kg	49kg	101kg	111kg	123kg
Gross Weight	52kg	61kg	118kg	131kg	146kg
Internal Size(W*D*H)	415*405*455mm	415*405*706mm	530*520*1096mm	530*520*1325mm	580*613*1325mm
External Size(W*D*H)	495*548*683mm	495*548*934mm	630*653*1658mm	630*653*1886mm	680*747*1886mm
Package Size(W*D*H)	560*668*858mm	560*668*1109mm	730*780*1813mm	730*780*2038mm	780*880*2048mm

## Laboratory Refrigerator



### Technical Parameters

Model	BPR-5V628F	BPR-5V1008F
Volume	628L	1008L
Type	5 layers, 10 pcs shelves	
Refrigeration Mode	Air-cooled	
Defrosting Mode	Automatic	
Refrigerant/g	R290, 150g	
Noise	60dB(A)	
Ambient Temp.	10~32°C	
Temp. Range	5±3°C	
Temp. Accuracy	0.1°C	
Evaporator	Copper tube and aluminum fin	
Condenser	Bundy tube	Copper tube and aluminum fin
Sensor	NTC	
Thermostat	Electronic thermostat	
Door	Foamed cyclopentane	
Display	Digital tube display	
Interface	USB	
Power Supply	110~220V/50~60Hz	
Power	296W/308VA	
Current	1.4A	
Internal Material	Sprayed steel plate	
External Material	Sprayed steel plate	
Lagging	Foamed polyurethane cyclopentane	
Standard Accessories	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door open alarm, USB port	
Optional Accessories	Printer	
Net Weight	181kg	204kg
Gross Weight	215kg	248kg
Internal Size(W*D*H)	1100*454*1305mm	1100*684*1360mm
External Size(W*D*H)	1220*598*1886mm	1220*828*1886mm
Package Size(W*D*H)	1340*750*2100mm	1340*980*2100mm

## Laboratory Refrigerator



BPR-5V68



BPR-5V108



BPR-5V118



BPR-5V238

### Technical Parameters

Model	BPR-5V68	BPR-5V108	BPR-5V118	BPR-5V238
Capacity	68L	108L	118L	238L
Temp. Range	2~8℃			
Temp. Accuracy	0.1℃			
Control System	Microprocessor control, Digital tube display			
Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door ajar alarm			
Refrigeration Type	Air-cooled			
Refrigerant	R600a, CFC free, 21g	R600a, CFC free, 27g	R600a, CFC free	
Condenser & Evaporator	Copper tube and aluminum fin, Bundy tube			
Defrost	Auto defrost			
Construction	Structure	Unibody design & mono-assembly foaming (Polyurethane cyclopentane insulation material)		
	Internal Material	Spraying steel plate		Embossed aluminum sheet
	External Material	Spraying steel plate		
Shelves	2 pcs	3 pcs	4 pcs	4pcs
Door	Electric-heating glass door, no condensation			
Consumption	85W/154VA	95W/154VA	162W/220VA	170W/242VA
Power Supply	220V, 50/60Hz; 110V, 60Hz		220V, 50/60Hz	220V, 50/60Hz; 110V, 60Hz
Standard Accessories	LED lamp, USB port			
Optional Accessories	Temp. recorder, printer, shelf, RS485 port, temp. test port			
External Size(W*D*H)mm	495*548*683	495*548*934	500*550*1300	580*575*1810
Package Size(W*D*H)mm	620*700*860	630*700*1110	610*620*1510	670*650*2000
Gross Weight	49kg	60kg	57kg	80kg



## Laboratory Refrigerator



BPR-5V288S



BPR-5V358S



BPR-5V298



BPR-5V368



BPR-5V468

### Technical Parameters

Model	BPR-5V288S	BPR-5V298	BPR-5V358S	BPR-5V368	BPR-5V468	
Capacity	288L	298L	358L	368L	468L	
Temp. Range	2~8°C					
Temp. Accuracy	0.1°C					
Control System	Microprocessor control, Digital tube display					
Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door ajar alarm					
Refrigeration Type	Air-cooled					
Refrigerant	R290, CFC-free	R600a, CFC-free	R290, CFC-free	R134a, CFC-free, 120g	R290g, CFC-free, 97g	
Condenser & Evaporator Defrost	Copper tube and aluminum fin, Bundy tube					
Defrost	Auto defrost					
Construction	Unibody design & mono-assembly foaming (Polyurethane cyclopentane insulation material)					
	Internal Material	Spraying steel plate	Embossed aluminum board	Spraying steel plate	Embossed aluminum board	Spraying steel plate
	External Material	Spraying steel plate				
Shelves	4 pcs	5 pcs	5 pcs	5 pcs	5 pcs	
Door	Electric-heating glass door, no condensation					
Consumption	260W/264VA	189W/264VA	260W/264VA	230W/363VA	380W/594VA	
Power Supply	220V, 50/60Hz; 110V, 60Hz					
Standard Accessories	LED lamp, USB port, temp. test port	LED lamp, USB port	LED lamp, USB port, temp. test port	LED lamp, USB port	LED lamp, USB port, temp. test port	
Optional Accessories	Temp. recorder, printer, RS485 port, shelf	Temp. recorder, printer, RS485 port, shelf, temp. test port	Temp. recorder, printer, RS485 port, shelf	Temp. recorder, printer, RS485 port, shelf, temp. test port	Temp. recorder, printer, RS485 port, shelf	
External Size(W*D*H)mm	640*665*1658	620*575*1980	640*665*1886	650*600*2010	680*747*1885	
Package Size(W*D*H)mm	770*800*1830	720*660*2160	770*800*2060	740*695*2230	830*880*2050	
Gross Weight	127kg	88kg	140kg	90kg	158kg	

## Laboratory Refrigerator



BPR-5V628



BPR-5V650



BPR-5V968

### Technical Parameters

Model	BPR-5V628	BPR-5V650	BPR-5V968
Capacity	628L	650L	968L
Temp. Range	2~8°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, Digital tube display		
Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door ajar alarm		
Refrigeration Type	Air-cooled		
Refrigerant	R134a, CFC-free, 175g	R290a, CFC free, 150g	R134a, CFC-free, 175g
Condenser & Evaporator	Copper tube and aluminum fin, Bundy tube		
Defrost	Auto defrost		
Construction	Structure	Unibody design & mono-assembly foaming (Polyurethane cyclopentane insulation material)	
	Internal Material	Spraying steel plate	
	External Material	Spraying steel plate	
Shelves	10 pcs		
Door	Electric-heating glass door, no condensation		
Consumption	537W/704VA	300W/330VA	537W/704VA
Power Supply	220V, 50/60Hz; 110V, 60Hz		
Standard Accessories	LED lamp, USB port, temp. test port		
Optional Accessories	Temp. recorder, printer, shelf, RS485 port		
External Size (W*D*H)mm	1220*630*1885		1220*860*1885
Package Size (W*D*H)mm	1340*750*2100		1340*980*2100
Gross Weight	223kg		256kg

## Laboratory Refrigerator



### Technical Parameters

Model	BPR-5V1500	
External Size(W*D*H) mm	1800*775*1965	
Capacity	1500L	
Temp. Range	2~8°C	
Temp. Accuracy	0.1°C	
Control System	Microprocessor Control & Large Screen LED Display	
Alarm	Sensor fault, door ajar	
Refrigeration Type	Forced air refrigeration system	
Refrigerant	R134a, CFC Free	
Condenser&Evaporator	High efficiency air-cooled condenser, made of copper	
Defrost	Frostless design	
Construction	Structure	Unibody design & Mono-assembly foaming (rigid polyurethane insulation material)
	Internal Material	Stainless steel
	External Material	Stainless steel
Shelves	Adjustable shelves made of high quality steel wire 12 pcs	
Consumption	1040W/1000VA	
Power Supply	AC110/220V±10%, 50/60Hz	
Standard Accessory	LED lamp, Shelves, Door keys, Testing hole, Battery	
Optional Accessory	USB port, Printer	
Package Size(W*D*H) mm	1880*820*2150	
Gross Weight	319kg	

## -25°C Freezer (Combined Refrigerator And Freezer)



BRF-25V300



BRF-25V318



BRF-25V368



BRF-25V450

### Technical Parameters

Model	BRF-25V300	BRF-25V318	BRF-25V368	BRF-25V450
Capacity	Refrigerator:174L Freezer:126L	Refrigerator:208L Freezer:110L	Refrigerator:183L Freezer:185L	Refrigerator: 295L Freezer:155L
Temp.Range	Refrigerator: 2°C~8°C; Freezer: -10°C~-25°C			
Temp. Accuracy	0.1°C			
Control System	Microprocessor control, digital display			
Alarm	High or low temperature alarm, open the door alarm; Thermostat failure, power failure alarm			
Cooling Method	Refrigerator: Air cooling Freezer: Direct cooling	Refrigerator: Air cooling Freezer: Direct cooling	Refrigerator: Air refrigeration Freezer: Direct cooling	Refrigerator: Air refrigeration Freezer: Direct cooling
Refrigerant	R600a	R290/39g R290/55g	R290/25g R290/40g	Refrigerator: R290/50g Freezer: R290/57g
Condenser	Bundy tube		Wire tube condenser	
Construction	Structure	Unibody design and thickened environmental protection foam insulation layer		
	Internal Material	HIPS	304 stainless steel	
	External Material	PCM plate	Sprayed steel plate	
Inner Door	No			
Consumption	264VA/160W	484VA/390W	836VA/594W	418VA/410W
Power Supply	Standard:220V 50Hz, optional:110V 60Hz			
Casters	No	Yes		
Shelf	Refrigerator: 3 shelves Freezer: 3 shelves	Refrigerator: 3 shelves Freezer: 1 shelf	Refrigerator:3 shelves Freezer:1 shelf	Refrigerator: 3 shelves Freezer: 1 shelf
External Size(W*D*H) mm	595*600*1700	741*631*1889	750*736*1884	741*881*1889
Package Size(W*D*H) mm	630*645*1740	880*770*2090	890*880*2100	880*950*2090
Gross Weight	75kg	175kg	195kg	197kg

Remark: Standard USB port, can store 8000 pieces of data per month, data rolling coverage after the limit, can save 120 months of data.

## -25°C Freezer



### Technical Parameters

Model	BDF-25V100	BDF-25V270	BDF-25V350	BDF-25V936
Capacity	100L	270L	350L	936L
Type	Vertical			
Temperature Range	-10~-25°C			
Temperature Accuracy	0.1°C			
Control System	Microprocessor Control, digital display			
Alarm	High and low temperature alarm, sensor failure alarm, door open alarm, etc.	High or low temperature alarm, power outage alarm, Thermostat alarm, Door switch alarm, battery switch alarm	High and low temperature alarm, sensor failure alarm, thermostat failure alarm, power failure alarm, door open alarm, ambient temperature alarm, condenser failure alarm, filter inspection alarm, abnormal voltage alarm, low battery alarm.	
Refrigeration Type	Direct refrigeration			
Refrigerant	CFC free			
Condenser	Bundy tube		Copper tube	
Structure	Unibody design & mono-assembly foaming			
Internal Material	HIPS	SUS304		
External Material	Sprayed steel plate			
Inner Door	No	4pcs	5pcs	4pcs
Power Supply	Standard: 220V 50Hz, optional: 110V 60Hz			
Castors	No	Yes		
Shelf	2pcs	3pcs	4pcs	3pcs
External Size(mm)	600*620*870	690*744*1631	690*744*1885	1304*1000*2017
Standard Accessory	/	USB port		/
Optional Accessory	USBport	RS485, Printer		USB port, Printer
Packing Size	630*645*905mm	810*860*1820mm	810*860*2100mm	1360*1135*2170mm
Gross Weight	40kg	132kg	145kg	421kg

## -25°C Freezer



### Technical Parameters

Model	BDF-25V368D	BDF-25V528D
Capacity	368L	528L
Type	Vertical	
Temp. Range	-10°C~-25°C	
Temp. Accuracy	0.1°C	
Control System	Electronic temperature control	
Alarm	Power failure alarm, door ajar alarm, high or low temperature alarm, thermostat failure, battery switch alarm	
Cooling Method	Direct cooling	
Refrigerant	R290	
Condenser	Bundy tube	
Construction	Structure	Unibody design and thickened environmental protection foam insulation layer
	Internal Material	304 stainless steel
	External Material	Cold plate spraying
Inner Door	No	
Consumption	726VA/718W	814VA/821W
Power Supply	Standard: AC220V±10% 50Hz; optional: AC110V±10% 60Hz	
Caster	Yes	
Shelf	Up:2pcs; Down:2pcs	
Standard Accessory	USB port	
Optional Accessory	RS485	
External Size(mm)	750*736*1884	890*810*1884mm
Internal Size(mm)	Up:580*575*563; Down: 580*575*563	Up:720*649*563; Down: 720*649*563
Package Size(W*D*H) mm	890*880*2100	1030*950*2100
Gross Weight	195kg	220kg

Remark: Standard USB, can store 8000 pieces of data per month, data rolling coverage after the limit, can save 120 months of data.

## -25°C Freezer



BDF-25H110



BDF-25H210



BDF-25H310

### Technical Parameters

Model	BDF-25H110	BDF-25H210	BDF-25H310
Capacity	110L	210L	310L
Temperature Range	-10°C~-25°C		
Temperature Accuracy	0.1°C		
Control System	Microprocessor Control		
Alarm	High or low temperature alarm, Sensor failure, Power failure, Battery switch alarm		
Refrigeration Type	Direct refrigeration		
Refrigerant	R290, 50g	R290, 45g	R290, 65g
Evaporator	Material of copper		
Construction	Structure	Unibody Design, Rigid polyurethane insulation material	
	Internal Material	304 Stainless steel	
	External Material	Powder coated cold rolled steel plate	
Consumption	440VA/270W	440VA/260W	550VA/345W
Power Supply	Standard: 220V 50Hz, optional: 220V 60Hz, 110V 60Hz		
Caster	Yes		
Optional Accessory	USB port		
External Size	705*705*885mm	945*785*885mm	1225*790*885mm
Packing Size	805*800*1015mm	1045*880*1015mm	1325*885*1015mm
Gross Weight	73kg	88kg	101kg

## -30°C Freezer



BDF-30V368D



BDF-30V528D

### Technical Parameters

Model	BDF-30V368D	BDF-30V528D
Capacity	368L	528L
Type	Vertical	
Temp. Range	-10°C~-30°C	
Temp. Accuracy	0.1°C	
Control System	Electronic temperature control	
Alarm	Power failure alarm, door ajar alarm, high or low temperature alarm, thermostat failure, battery switch alarm	
Cooling Method	Direct cooling	
Refrigerant	R290	
Condenser	Bundy tube	
Construction	Structure	Unibody design and thickened environmental protection foam insulation layer
	Internal Material	304 stainless steel
	External Material	Cold plate spraying
Door	No	
Consumption	726VA/718W	814VA/821W
Power Supply	Standard: AC220V±10% 50Hz; optional: AC110V±10% 60Hz	
Caster	Yes	
Shelf	Up:2pcs; Down:2pcs	
External Size(mm)	750*736*1884	890*810*1884mm
Internal Size(mm)	Up:580*575*563; Down: 580*575*563	Up:720*649*563; Down: 720*649*563
Package Size(W*D*H) mm	890*880*2100	1030*950*2100
Gross Weight	195kg	220kg

Remark: Standard USB, can store 8000 pieces of data per month, data rolling coverage after the limit, can save 120 months of data.

## -40°C Freezer(Combined Refrigerator And Freezer)



### Technical Parameters

Model	BRF-40V368	BRF-40V318	BRF-40V450
Capacity	Upper:183L; Down:185L	318L (Refrigerator 208L, Freezer 110L)	450L (Refrigerator 295L, Freezer 155L)
Type	Vertical		
Temp. Range	Refrigerator: 2°C~8°C Freezer: -10°C~-40°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control		
Alarm	BRF-40V368: High or low temperature alarm, sensor failure alarm, power failure alarm, door open alarm. BRF-40V318/BRF-40V450: Power failure alarm, door ajar alarm, high or low temperature alarm, thermostat failure alarm		
Refrigeration Type	Direct Refrigeration		
Refrigerant	R290		
Compressor	2 compressors		
Material	Structure	Unibody design	
	Internal	304 stainless steel	
	External	Sprayed steel plate	
Door	2pcs		
Consumption	748VA/627W	638VA/460W	638VA/570W
Power Supply	AC220V±10%, 50HZ ; AC110V±10%, 60HZ		
Caster	Yes		
Shelf	Refrigerator: 3pcs Freezer: 1pc		
External Size(W*D*H)	750*736*1884mm	741*631*1889mm	741*811*1889mm
Internal Size(W*D*H)	Upper:580*563*563mm	Refrigerator:590*495*746	Refrigerator:590*675*746
	Down:580*567*563mm	Freezer:520*467*460	Freezer:520*647*460
Package Size	890*880*2100mm	880*770*2090	880*950*2090
Gross Weight	195kg	178kg	200kg

Remark: Standard USB, can store 8000 pieces of data per month, data rolling coverage after the limit, can save 120 months of data.

## -40°C Freezer



### Technical Parameters

Model	BDF-40V58	BDF-40V90	BDF-40V268
Capacity	58L	90L	268L
Type	Vertical		
Temp. Range	-15°C~-40°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control	Microprocessor Control; Digital Display	
Alarm	High or low temperature alarm, sensor failure alarm.	High or low temperature alarm, sensor failure alarm, power failure alarm, door open alarm.	High or low temperature alarm, door ajar alarm, power failure alarm, sensor failure alarm.
Refrigeration Type	Direct Refrigeration		
Refrigerant	R404a and R23	R290	
Compressor	1 compressor	Unicompressor, imported famous brand compressor	International well-known brand
Construction	Structure	Unibody design	
	Internal Material	304 stainless steel	
	External Material	Sprayed steel plate	
Door	1pc	3pcs	4pcs
Consumption	340W/390VA	528VA/252W	484VA/286W
Power Supply	AC220V±10%, 50HZ; AC110V±10%, 60HZ	AC220V±10%, 50/60HZ	AC220V±10%, 50Hz; 110V±10%, 60Hz (Optional)
Caster	Yes		
Shelf	1 pc shelf	2 pcs shelves	3pcs shelves, Stainless Steel
Standard Accessory	/	USB port	
Optional Accessory	USB port	Printer	
External Size(W*D*H)	540*620*1115mm	600*610*945mm	690*744*1631mm
Internal Size(W*D*H)	361*405*406mm	440*447*640mm	520*567*1013mm
Package Size	610*690*1275mm	730*730*1140mm	810*860*1820mm
Gross Weight	98kg	82kg	140kg

## -40°C Freezer



### Technical Parameters

Model	BDF-40V362	BDF-40V398	BDF-40V450
Capacity	362L	408L	450L
Type	Vertical		
Temp. Range	-15°C~-40°C	-10°C~-40°C	-15°C~-40°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control; Digital Display		
Alarm	High or low temperature alarm, door ajar alarm, power failure alarm, sensor failure alarm	High or low temperature alarm, sensor failure alarm	High or low temperature alarm, door ajar alarm, power failure alarm, sensor failure alarm
Refrigeration Type	Direct cooling	Direct Refrigeration	Direct cooling
Refrigerant	R290	CFC free	R290
Compressor	Well-known brand	International well-known brand	Well-known brand
Construction	Structure	Unibody design	
	Internal Material	Stainless steel	
	External Material	Painted steel panel	Painted steel panel, 150mm foaming insulation
Zinner Door	5pcs	4pcs	5pcs
Consumption	484VA/278W	420W/470VA	946VA/510W
Power Supply	AC220V±10%, 50Hz; 110V±10%, 60Hz	AC220V±10%, 50/60Hz; 110V±10%, 60Hz	Standard: 220V 50Hz, optional: 220V 60Hz, 110V 60Hz
Caster	Yes		
Shelf	4pcs	3pcs shelves, Stainless Steel	4pcs
Standard Accessory	USB port	/	USB port
Optional Accessory	Printer	USB port	Printer
External Size(W*D*H)	690*744*1885mm	890*900*1780mm	750*905*1885mm
Package Size	840*860*2050mm	980*1000*1950mm	855*1000*2080mm
Gross Weight	155kg	215kg	180kg

## -40°C Freezer



### Technical Parameters

Model	BDF-40V608	BDF-40V708	BDF-40V808	BDF-40V936
Capacity	608L	708L	808L	936L
Type	Vertical			
Temp. Range	-10°C~-40°C			-20°C~-40°C
Temp. Accuracy	0.1°C			
Control System	Microprocessor control, LED Digital Display			
Audible and Visual Alarm	High and low temperature alarm, sensor failure alarm. (BDF-40V608, BDF-40V708, BDF-40V808)			
	High and low temperature alarm, sensor failure alarm, thermostat failure alarm, power failure alarm, door open alarm, ambient temperature alarm, condenser failure alarm, filter inspection alarm, abnormal voltage alarm, low battery alarm. (BDF-40V936)			
Alarm Method	Sound beeps and lights flash			
Refrigeration Type	Direct refrigeration			
Refrigerant	R404A and R23			R404A
Construction	Foam Layer Thickness	120mm		150mm
	Internal Material	304 stainless steel		
	External Material	Sprayed steel plate		
Inner Door	4pcs			
Consumption	1000W/1050VA			1000W/950VA
Power Supply	AC110V/220V±10%, 50/60Hz			
Caster	Yes			
Shelf	3pcs			
Optional Accessory	USB port	USB port	USB port	USB port, Printer
External Size(W*D*H) mm	945*1030*1975	1240*1000*2000	1090*1010*2025	1304*1000*2017
Package Size (W*D*H) mm	1120*1080*2010	1280*1080*2150	1280*1080*2150	1360*1135*2170
Gross Weight	288kg	345kg	370kg	416kg

## -40°C Freezer



BDF-40V368D



BDF-40V528D

### Technical Parameters

Model	BDF-40V368D	BDF-40V528D
Capacity	368L	528L
Type	Vertical	
Temp. Range	-10°C~-40°C	
Temp. Accuracy	0.1°C	
Control System	Electronic temperature control	
Alarm	Power failure alarm, door ajar alarm, high or low temperature alarm, thermostat failure, battery switch alarm	
Cooling Method	Direct cooling	
Refrigerant	R290	
Condenser	Bundy tube	
Construction	Structure	Unibody design and thickened environmental protection foam insulation layer
	Internal Material	304 stainless steel
	External Material	Pre-coated galvanized plate
Inner Door	4pcs	
Consumption	880VA/861W	902VA/909W
Power Supply	Standard: AC220V±10% 50Hz; optional: AC110V±10% 60Hz	
Caster	Yes	
Shelf	4pcs	
Standard Accessory	USB port	
External Size(mm)	750*736*1884	890*810*1884mm
Internal Size(mm)	Up:580*575*563; Down: 580*575*563	Up:720*649*563; Down: 720*649*563
Package Size(W*D*H) mm	890*880*2100	1030*950*2100
Gross Weight	195kg	220kg

## -40°C Freezer



BDF-40H110



BDF-40H210



BDF-40H310



BDF-40H485

### Technical Parameters

Model	BDF-40H110	BDF-40H210	BDF-40H310	BDF-40H485
Capacity	110L	210L	308L	485L
Temperature Range	-15°C~-40°C			-20°C~-40°C
Temperature Accuracy	0.1°C			
Control System	Microprocessor Control, LED Display			
Alarm	BDF-40H110&BDF-40H210&BDF-40H310: High or low temperature alarm, Sensor failure, Power failure, Battery switch alarm BDF-40H485: High or low temperature alarm, sensor failure alarm, Power failure alarm, Temperature controller failure alarm			
Refrigeration Type	Direct Refrigeration			
Refrigerant	R290, 55g	R290, 60g	R290, 70g	R290
Evaporator	Material of Copper			
Construction	Structure	Unibody Design & Mono-assembly foaming (Rigid polyurethane insulation material)		
	Internal material	304 Stainless Steel		
	External material	Powder coated cold rolled steel plate		
Consumption	550VA/270W	550VA/280W	528VA/290W	295W/290VA
Power Supply	Standard: 220V 50Hz; optional: 110/220V 60Hz			Standard: 220V 50/60Hz; optional: 110V 50/60Hz
Caster	Yes			
Optional Accessory	USB port			/
External Size(L*W*H) mm	705*705*885	945*785*885	1225*790*885	1655*755*915
Package Size(L*W*H) mm	805*800*1015	1045*880*1015	1325*885*1015	1775*900*1060
Gross Weight	73kg	88kg	101kg	138kg



## -60°C Freezer



BDF-60V608



BDF-60V708



BDF-60V808



BDF-60V938

### Technical Parameters

Model	BDF-60V608	BDF-60V708	BDF-60V808	BDF-60V938
External Size(W*D*H) mm	940*980*1920	1090*1000*1920	1090*1010*2025	1240*1000*2000
Internal Size(W*D*H) mm	700*680*1255	850*680*1255	850*735*1335	1000*700*1335
Capacity	598L	708L	808L	938L
Type	Vertical			
Temp. Range	-25°C~-60°C			
Temp. Accuracy	0.1°C			
Control System	Microprocessor control, LED Digital Display			
Audible and Visual Alarm	High and low temperature alarm, sensor failure alarm.			
Alarm Method	Sound beeps and lights flash			
Refrigeration Type	Direct refrigeration			
Refrigerant	R404A and R23			
Construction	Foam Layer	120mm		
	Thickness			
	Internal Material	304 stainless steel		
	External Material	Sprayed steel plate		
Consumption	1100W/3300VA	1100W/3300VA	1150W/3450VA	1150W/3450VA
Power Supply	AC110V/220V±10%, 50/60Hz			
Optional Accessory	USB port			
Package Size(W*D*H) mm	1025*1050*2090	1220*1080*2070	1175*1075*2180	1325*1070*2170
Gross Weight	315kg	350kg	365kg	405kg

## -60°C Freezer



### Technical Parameters

Model	BDF-60V30	BDF-60V58	BDF-60V108	BDF-60V158	BDF-60V398
External Size(W*D*H)mm	470*490*1120	540*620*1115	700*730*1260	700*700*1580	850*960*1860
Internal Size(W*D*H)mm	270*265*400	361*405*406	460*460*510	460*455*800	610*660*1200
Capacity	30L	58L	108L	158L	408L
Temp.Range	-25°C ~ -60°C, adjustable				
Temp.Accuracy	0.1°C				
Control System & Display	Microprocessor control, LED display				
Audio & Visual Alarm	High or low temperature alarm ;Sensor failure alarm				
Refrigeration Type	Optimized auto-cascade refrigerating system				
Refrigerant	Unique fluoride-free mixed refrigerant, CFC-Free				
Condenser & Evaporator	Optimized evaporation and condensation system, strong cooling and low energy consumption				
Construction	Structure	100mm foam layer	90mm ultra-thick foam layer	120mm ultra-thick foam layer	150mm ultra-thick foam layer
	Internal Material	304 stainless steel			
	External Material	Sprayed steel plate			
Consumption	400W/1200VA	450W/1350VA	480W/1440VA	500W/1500VA	550W/1650VA
Power Supply	AC110V/220V±10%,50/60Hz				
Optional Accessory	USB port				
Package Size(W*D*H)mm	540*560*1285	610*690*1275	785*800*1430	785*770*1750	935*1030*2030
Gross Weight	85kg	101kg	133kg	150kg	250kg

## -60°C Freezer



### Safety system

1. Perfect alarm system with buzzer sound and lamp flashing alarm functions
2. High temperature alarm & Temperature sensor failure alarm
3. Multiple-protection function (Password protection, power-on delay, time between stops, refrigeration system operation protection during sensor failure)

### Technical Parameters

Model	BDF-60H58	BDF-60H118A	BDF-60H218	BDF-60H318	BDF-60H458
External Size(W*D*H) mm	670*765*905	900*765*945	1160*765*885	1530*765*885	2115*895*1095
Internal Size(W*D*H) mm	470*470*300	696*470*385	960*470*595	1330*470*595	1380*500*660
Capacity	60L	118L	220L	320L	458L
Temp. Range	-25°C~-60°C, adjustable				
Temp. Accuracy	0.1°C				
Control System & Display	Microprocessor control, LED display				
Audio & Visual Alarm	High or low temperature alarm;Sensor failure alarm				
Refrigeration Type	Optimized auto-cascade refrigerating system				
Refrigerant	Unique fluoride-free mixed refrigerant, CFC-Free				
Condenser & Evaporator	Optimized evaporation and condensation system, strong cooling and low energy consumption				
Construction	Structure	100mm(150mm only for BDF-60H458) ultra-thick foam layer, dual-sealing design of door, for effective temperature protection			
	Internal Material	304 stainless steel			
	External Material	Sprayed steel plate			
Consumption	330W/990VA	340W/1020VA	400W/1200VA	480W/1440VA	520W/1560VA
Power Supply	AC110V/220V±10%,50/60Hz				
Optional Accessory	USB port	/	/	/	USB port
Package Size(W*D*H) mm	740*835*1075	1020*830*1075	1230*835*1055	1600*835*1055	2215*935*1245
Gross Weight	101kg	128kg	143kg	170kg	255kg

# -86°C Freezer



BDF-86V28



BDF-86V50



BDF-86V58



BDF-86V108

## Technical Parameters

Model	BDF-86V28	BDF-86V50	BDF-86V58	BDF-86V108	
External Size(W*D*H)mm	505*520*1165	660*715*1165	635*757*1212	700*730*1260	
Internal Size(W*D*H)mm	266*281*400	360*456*395	330*453*410	460*460*510	
Capacity	28L	50L	58L	108L	
Type	Vertical				
Temp. Range	-40°C~-86°C				
Temp. Accuracy	0.1°C				
Control System	Microprocessor control, 7-inch LCD touch screen				
Alarm	High and low temperature alarm, sensor failure alarm	High and low temperature alarm, power fault alarm, thermostat fault alarm	High and low temperature alarm, sensor failure alarm, thermostat failure alarm, power failure alarm, door open alarm, ambient temperature alarm, condenser failure alarm, filter inspection alarm, abnormal voltage alarm, low battery alarm	High and low temperature alarm, sensor failure alarm	
Alarm Method	Sound beeps and lights flash				
Refrigeration Type	Direct refrigeration				
Refrigerant	R404a, R23	R600a 85g, R290 15g, R1150 27g, R14 20g	R290, R170	R404a, R23	
Compressor	1 pc				
Construction	Foam Layer Thickness	100mm	130mm	150mm	120mm
	Internal Material	304 stainless steel			
	External Material	Sprayed steel plate			
Chamber with Inner Door	1	1	1	2	
Shelf	1	1	1	2	
Temp. Test Port	1 pc, dia. 18mm	1 pc, dia. 30mm	1 pc, dia. 25mm	1 pc, dia. 18mm	
Consumption	390W/1170VA	540W/550VA	442W/400VA	520W/1560VA	
Power Supply	AC110V/220V±10%, 50/60Hz	AC110-220V, 50/60Hz	AC110V/220V±10%, 50/60Hz	AC110V/220V±10%, 50/60Hz	
Standard Accessory	/	/	USB port	/	
Optional Accessory	USB port	USB port	Printer	USB port	
Package Size(W*D*H)mm	580*600*1325	765*825*1350	730*845*1400	785*800*1430	
Gross Weight	85kg	134kg	155kg	133kg	

## -86°C Freezer



### Technical Parameters

BDF-86V158

BDF-86V348

Model	BDF-86V158	BDF-86V348
Capacity	158L	348L
Shelf	2 pcs, S.S.	3 pcs, S.S.
Refrigeration Type	Direct refrigeration	
Defrosting Type	Manual	
Refrigerant/g	Mixed refrigerant, CFC free	
Noise	60dB(A)	60dB(A)
Ambient Temp.	10~32°C	
Temp. Range	-40°C~-86°C	
Evaporator	Built-in coil, copper pipe	
Condenser	Copper tube and aluminum fin	
Sensor	PT1000	
Thermostat	Electronic thermostat	
Display	LED	
Power Supply	110~220V/50~60Hz	
Power	650W/858VA	
Current	3.9A	3.9A
Internal Material	S.S. 304	
External Material	Sprayed cold-rolled steel plate	
Lagging	Foamed polyurethane cyclopentane	
Audible and Visual Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door switch alarm	
Optional Accessory	USB port	
Temp. Test Port	1 pcs, φ30mm	
Net Weight	168kg	232kg
Gross Weight	221kg	300kg
Internal Size(W*D*H)	465*455*820mm	490*612*1150mm
External Size(W*D*H)	844*807*1594mm	869*989*1924mm
Package Size(W*D*H)	1000*970*1790mm	1020*1180*2130mm

## -86°C Freezer



### Technical Parameters

BDF-86V168T

BDF-86V348T

Model	BDF-86V168T	BDF-86V348T
External Size(W*D*H) mm	844*807*1594mm	869*989*1924mm
Internal Size(W*D*H) mm	465*455*820mm	490*612*1150mm
Capacity	168L	348L
Type	Vertical	
Temp. Range	-40°C~-86°C	
Temp. Accuracy	0.1°C	
Control System	Microprocessor control, 8 inch touch LCD screen	
Audible and Visual Alarm	High and low temperature alarm, sensor fault alarm, power alarm, open and close abnormal alarm function	
Alarm Method	Sound beeps and lights flash, remote alarm(optional)	
Refrigeration Type	Double machine cascade refrigeration system	
Refrigerant	R290 and R170	
Compressor	2 sets	
Condenser& Evaporator	Made of copper	
Construction	Foam Layer Thickness	150mm
	Internal Material	304 stainless steel
	External Material	Spray steel plate
Door	Lockable door	
Caster	4 casters	
Chamber with Inner Door	3	2
Shelf	2pcs	3pcs
Temp. Test Port	1, φ30mm	
Consumption	830W/1386VA	915W/1385VA
Standard Accessory	USB port	
Optional Accessory	RS485	
Power Supply	Standard: 220V 50Hz	
	Optional: 220V 60Hz, 110V, 60Hz	
Package Size (W*D*H) mm	880*840*1700	1020*1180*2130
Gross Weight	253kg	332kg

## -86°C Freezer



### Technical Parameters

Model	BDF-86V418T	BDF-86V608T
Capacity	418L	608L
Shelf	3 pcs, S.S.	
Refrigeration Type	Direct refrigeration	
Defrosting Type	Manual	
Refrigerant/g	Mixed refrigerant, CFC-free	
Noise	60dB(A)	
Ambient Temp.	10~32°C	
Temp. Range	-40°C~-86°C	
Evaporator	Built-in coil, copper pipe	
Condenser	Copper tube and aluminum fin	
Sensor	PT100	
Thermostat	Electronic thermostat	
Display	LCD	
Power Supply	110/220V, 50/60Hz	
Power	1070W/1870VA	1110W/1870VA
Current	8.5A	
Internal Material	S.S. 304	
External Material	Sprayed cold-rolled steel	
Lagging	Foamed polyurethane cyclopentane	
Audible and Visual Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door ajar alarm	
Interface	RS485	
Door	Lockable outer door, 2 inner doors	
Temp. Test Port	1, φ30mm	
Standard Accessory	USB port	
Optional Accessory	RS485	
Net Weight	315kg	360kg
Gross Weight	345kg	390kg
Internal Size(W*D*H)mm	600*612*1150mm	620*755*1280mm
External Size(W*D*H)mm	980*988*1945mm	1000*1147*1996mm
Package Size(W*D*H)mm	1130*1170*2150mm	1150*1280*2210mm

## -86°C Freezer



### Technical Parameters

Model	BDF-86V408D	BDF-86V588D	BDF-86V838D
Capacity	408L	588L	838L
Type	Vertical		
Temp. Range	-40°C~-86°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, 7-inch LCD touch screen		
Alarm	High and low temperature alarm, sensor fault alarm, condenser fouling alarm, ambient temperature alarm, abnormal voltage alarm, power off alarm, door ajar alarm, low battery alarm, with remote alarm interface, all alarm information and history can be queried on the LCD screen		
Alarm Method	Sound beeps and lights flash, remote alarm, and SMS alarm is optional		
Refrigeration System	Two independent refrigeration systems		
Refrigeration Type	Direct refrigeration		
Refrigerant	Non-azeotropic mixed refrigerant R4001		
Compressor	2 pcs		
Construction	Foam Layer Thickness	100mm	
	Internal Material	304 stainless steel	
	External Material	Sprayed steel plate	
Door	1 pc sprayed steel plate outer door, 2 pcs 304 stainless steel inner door		
Caster	4 casters		
Shelf	3 pcs, 304 stainless steel		
Temp. Test Port	1 pc, dia. 25mm		
Standard Accessories	USB port		
Optional Accessories	Temperature recorder		
Consumption	1350W	1500W	1700W
Power Supply	220V/50Hz		
External Size(W*D*H)mm	891*992*1945.5	891*1155*1994.5	1179*1135*1994.5
Internal Size(W*D*H)mm	606*575*1180	606*738*1310	894*718*1310
Package Size(W*D*H)mm	970*1138*2185	954*955*2094	1262*1098*2185
Gross Weight	332kg	310kg	424kg

## -86°C Freezer



### Technical Parameters

Model	BDF-86V588	BDF-86V728	BDF-86V838
External Size(W*D*H) mm	880*1080*2000	1260*890*2010	1175*1075*1990
Internal Size(W*D*H) mm	606*738*1310	963*558*1350	894*718*1310
Capacity	588L	728L	838L
Type	Vertical		
Temp. Range	-40°C~-86°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, LCD touch screen		Microprocessor control, LED Digital Display
Audible and Visual Alarm	High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking		
Refrigeration type	Direct refrigeration		
Refrigerant	R290 and R170		
Compressor	2 sets		
Condenser&Evaporator	Made of copper		
Construction	Structure	100mm ultra-thick foam layer	150mm ultra-thick foam layer
	Internal Material	SS 304	
	External Material	Sprayed steel plate	
Door	Lockable door		
Caster	4 casters		
Chamber with Inner Door	2		
Shelf	3 pcs		
Temp. Test Port	1, φ25mm	1, φ25mm	1, φ25mm
Consumption	815W/760VA	935W/800VA	1700W/1400VA
Power Supply	AC110V/220V±10%, 50/60Hz		
Standard Accessory	72 hours battery backup for power failure alarm, USB port		
Optional Accessory	/	/	Printer
Max. Optional Storage Racks	16*LD5×5	24*LD5×4	24*LD5×5
Max. Optional Boxes	400	480	630
Package Size (W*D*H) mm	975*1140*2200	1320*970*2190	1270*1100*2185
Gross Weight	368kg	401.5kg	430kg

## -86°C Freezer



### Technical Parameters

Model	BDF-86H50	BDF-86H118
Capacity	50L	118L
Refrigeration Type	Direct refrigeration	
Defrosting Type	Manual	
Refrigerant/g	Mixed refrigerant, CFC free	
Noise	60dB(A)	
Ambient Temp.	10~32°C	
Temp. Range	-40°C~-86°C	
Evaporator	Built-in coil, copper pipe	
Condenser	Copper tube and aluminum fin	
Sensor	PT1000	
Thermostat	Electronic thermostat	
Display	LED	
Power Supply	110~220V/50~60Hz	
Power	540W/550VA	510W/528VA
Current	2.5A	2.4A
Internal Material	S.S. 304	S.S. 304
External Material	Spray cold-rolled steel plate	
Lagging	Foamed polyurethane cyclopentane	
Audible and Visual Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door switch alarm	
Optional Accessory	USB port	
Net Weight	83kg	103kg
Gross Weight	125kg	150kg
Internal Size(W*D*H)	430*400*350mm	540*400*580mm
External Size(W*D*H)	695*740*985mm	1140*730*930mm
Package Size(W*D*H)	810*830*1180mm	1240*800*1065mm

## -150°C Freezer



BDF-150H58



BDF-150H128

### Technical Parameters:

Model	BDF-150H58	BDF-150H128	
External Size(W*D*H) mm	670*765*1040	1560*957*1178	
Internal Size(W*D*H) mm	410*410*385	500*450*578	
Capacity	58L	128L	
Type	Horizontal		
Temp. Range	-100~-145°C	-40~-150°C	
Temp. Accuracy	0.1°C	0.1°C	
Control System	Microprocessor control, LED Digital Display	Microprocessor control, LCD touch screen	
Audible and Visual Alarm	Over temperature alarm	High temperature alarm, low temperature alarm, abnormal power supply alarm, sensor failure alarm, thermostat failure alarm, filter screen inspection alarm, ambient temperature alarm, condenser failure alarm.	
Alarm Method	Sound beeps and lights flash		
Refrigeration type	Direct refrigeration		
Refrigerant	Mixed refrigerants		
Compressor	1 set	1 set	
Construction	Foam Layer Thickness	130mm	200mm
	Internal Material	304 stainless steel	
	External Material	Sprayed steel plate	
Optional Accessory	USB port		
Consumption	1800W/3600VA	2550W/7650VA	
Power Supply	380V, 50Hz		
Package Size (W*D*H) mm	710*810*1080	1637*970*1383	
Gross Weight	115kg	340kg	

## Vertical Freezer Rack



### Features

- \* Made of corrosion-resistant 304 stainless steel for repeated freeze-thaw and long-term storage of samples.
- \* It can be used for sample storage in ultra-low temperatures.
- \* It can withstand temperature range of -196°C to 800°C.
- \* It is suitable for 1-inch and 2-inch freezer boxes.
- \* It is suitable for most standard refrigerators and liquid nitrogen containers.
- \* It can be customized.

### Technical Parameters

Model	Specification	Material	Size W*D*H(mm)	Freezer Box Size(mm)	Freezer Tube
BK-LD7	7 Layers	304 Stainless Steel	142*140*414	133*133*52	1.5-2ml
BK-LD8	8 Layers	304 Stainless Steel	142*140*472	133*133*52	1.5-2ml
BK-LD9	9 Layers	304 Stainless Steel	142*140*530	133*133*52	1.5-2ml
BK-LD10	10 Layers	304 Stainless Steel	142*140*588	133*133*52	1.5-2ml
BK-LD11	11 Layers	304 Stainless Steel	142*140*624	133*133*52	1.5-2ml
BK-LD12	12 Layers	304 Stainless Steel	142*140*680	133*133*52	1.5-2ml
BK-LD13	13 Layers	304 Stainless Steel	142*140*736	133*133*52	1.5-2ml
BK-LD14	14 Layers	304 Stainless Steel	142*140*792	133*133*52	1.5-2ml
BK-LD15	15 Layers	304 Stainless Steel	142*140*878	133*133*52	1.5-2ml

## Freezer Racks



BK-LD4X4



BK-LD5X4



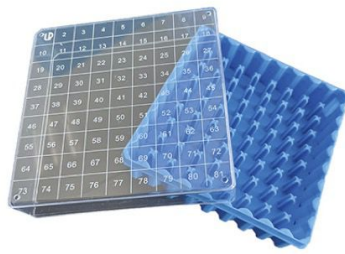
BK-LD5X5



BK-LD7X5



PC Freezer Box



PP Freezer Box

### Features

- \* Made of corrosion-resistant 304 stainless steel, it can be frozen and thawed repeatedly and stored for a long time.
- \* Products can be used for sample storage in ultra-low temperature upright refrigerators.
- \* The product can withstand temperature range: -196°C to 121°C.

### Freezer Racks Parameters

Model	Specification	Material	Size(L*W*H)	Thickness
BK-LD4X4	4 layers and 4 columns	304 stainless steel	560*140*242mm	1.2mm
BK-LD5X4	5 layers and 4 columns	304 stainless steel	560*140*295mm	1.2mm
BK-LD5X5	5 layers and 5 columns	304 stainless steel	685*140*295mm	1.2mm
BK-LD7X5	7 layers and 5 columns	304 stainless steel	685*140*406mm	1.2mm

### Freezer Box Parameters

Material	Specification	Size
PC	81 squares	133*133*52mm
	100 squares	
PP	81 squares	
	100 squares	



## Platelet Incubator



BJPX-SP05



BJPX-SP08/SP18



BJPX-SP10



BJPX-SP36

### Applications

After thawing, platelets need to be kept swinging in a constant temperature environment of 20°C-24°C while waiting for infusion to patients. The platelet incubator is a device made according to this requirement. When the thawed platelets are placed on the inner chamber storage shelf, the machine can continuously output the continuous left-right reciprocation with the amplitude of 50mm and the frequency of 60rpm, and the horizontal oscillation is achieved, which solves the problem of safe storage of platelets.

### Features

- \* Microprocessor control system, LCD display
- \* UV lamp for disinfection, the interlock for UV lamp and door
- \* Power on/off switch, more convenient for operation
- \* High efficiency refrigeration system, fast cooling speed and uniformity temperature inside
- \* Double-layer glass observation window, filled with gas, to ensure the cooling performance
- \* Alarm for high/low temperature, door ajar, etc

### Technical Parameters

Model	BJPX-SP05	BJPX-SP08	BJPX-SP10	BJPX-SP18	BJPX-SP36	
Door	Single door				Double door	
Temp Range(°C)	22±2.0					
Resolution(°C)	0.1					
Temp Display Error(°C)	±1.0					
Temp Fluctuation (°C)	±1.0					
Temp Uniformity (°C)	±2.0					
Oscillation Frequency (rpm)	60±5					
Shock Range (mm)	50±5					
Refrigerant	R134a, CFC free					
Operate Mode	Continuous left and right reciprocation, horizontal oscillation					
Layer/Bag (200ml for reference)	5(1-10)	8(1-16)	3(1-12)	18(1-36)	36(1-72)	
Power	Standard:220V 50Hz Optional:110V 60Hz					
Standard Accessory	USB port					
Optional Accessory	Printer					
Size (mm)	Internal	448*369*448	485*310*569	498*450*578	500*337*970	1018*343*895
	External	700*800*630	632*612*1225	645*730*1225	632*612*1600	1140*612*1600
	Package	824*924*772	740*853*1360	740*853*1360	726*706*1755	1235*706*1755
Weight (kg)	Net weight	70	110	138	120	180
	gross weight	90	130	160	145	215

# Freeze Dryer



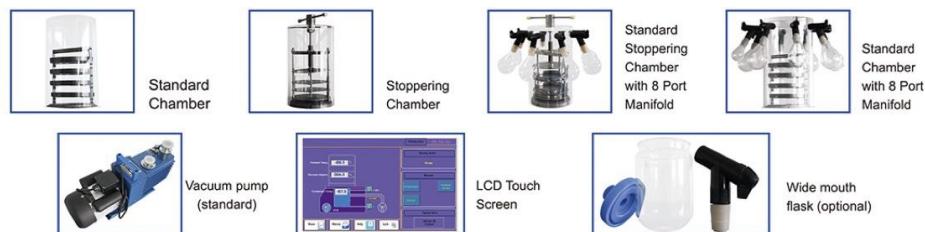
## Introduction

Vacuum freeze-drying technology is also known as sublimation drying. The principle is to freeze a sample containing water in advance, and then sublimate its moisture under vacuum. The original biological, chemical and physical properties of the freeze-dried samples remain basically the same, and they are easy to be stored for a long time. After adding water, the samples can be restored to the state before freeze-drying, and their original biochemical characteristics can be maintained. Therefore, freeze-drying technology is widely used in medicine, food, chemical, biological products and other fields.

## Features

- \* Compressor, energy saving and high efficiency, low noise, long life.
- \* Vacuum pump, small volume, pumping speed, low noise, can achieve higher vacuum.
- \* Integrated design, compact structure, easy to use.
- \* Environmentally friendly refrigerant, ODP=0.
- \* With defrosting function, safe and reliable.
- \* The cold trap and operating table are made of stainless steel, corrosion resistant and easy to clean.
- \* The transparent cover of the drying chamber is made of aviation acrylic material, with high strength and no bonding.
- \* Large cold trap opening size, with pre-freezing function, no need for low temperature refrigerator.
- \* Professional gas diversion technology, high freeze-drying efficiency, and uniform ice capture.

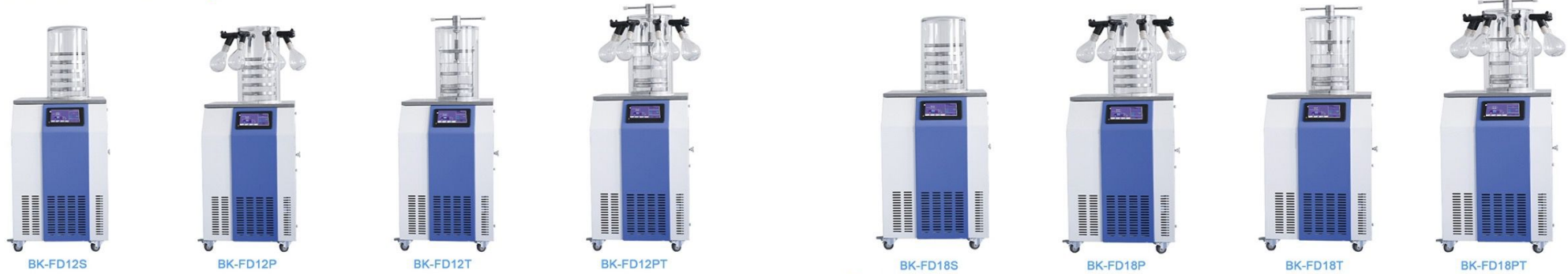
## Accessories



## Technical Parameters

Model	BK-FD10S	BK-FD10P	BK-FD10T	BK-FD10PT
Type	Standard chamber	Standard chamber with 8 port manifold	Stopping chamber	Stopping chamber with 8 port manifold
Freeze Drying Area	0.12m <sup>2</sup>		0.08m <sup>2</sup>	
Tray	4 pcs		3 pcs	
Height Between Trays	50mm		/	
Cold Trap Temperature	≤-60°C (No load) (-80°C optional)			
Cold Trap Capacity	6L			
Cold Trap Size (Diameter*H)	Φ219*140mm			
Vacuum Degree	≤5 Pa			
Water Capture Capacity	3-4L/24h			
Tray Size (D*H)	Φ200*20mm		Φ180*20mm	
Freeze Drying Time	36h			
Loading Capacity/Shelf (Liquid)	1.2L		0.8L	
Total Loading Capacity (Liquid)	2.4L		1.6L	
Drying Chamber Size (Diameter*H)	Φ260*420mm		Φ260*465mm	
Total Qty. Of Vial Φ22	/	/	147	147
Total Qty. Of Vial Φ16	/	/	297	297
Total Qty. Of Vial Φ12	/	/	492	492
Refrigerant	-60°C: R600a, R23 -80°C: R404a, R23			
Cooling System	Standard: Air cooling			
Power Supply	Standard: 220V 50Hz Optional: 220V 60Hz			
Power Consumption	1300W			
Standard Accessory	Vacuum pump 2L/S, Material tray*4(Material tray*3 for T/PT), Drying rack*1, Cover*1, Acrylic bucket*1(all models) Conical-mouth flask100ml*2pcs, 200ml*2pcs, 250ml*2pcs, 500ml*2pcs, Switch valve*8 pcs (only for model BK-FD10P/PT), USB port			
Optional Function & Accessory	Equipment moving frame, vacuum pump of other specifications, oil mist filter, and other customization(for all models) 600ml/1200ml Wide-mouth flask (for BK-FD10P/PT)			
External Size (W*D*H), mm	640*610*550			
Package Size(W*D*H), mm	Main Body	735*720*760mm		
	Accessory	720*605*560mm		
Gross Weight(kg)	Main Body	-60°C: 80kg		
		-80°C: 98kg		
	Accessory	45kg	49kg	54kg

## Vertical Freeze Dryer



### Technical Parameters

Model	BK-FD12S	BK-FD12P	BK-FD12T	BK-FD12PT
Type	Standard chamber	Standard chamber with 8 port manifold	Stoppering chamber	Stoppering chamber with 8 port manifold
Freeze Drying Area	0.12m <sup>2</sup>		0.08m <sup>2</sup>	
Tray	4 pcs		3 pcs	
Height Between Trays	50mm		/	
Cold Trap Temperature	≤-60°C(No load)(-80°C optional)			
Cold Trap Capacity	9L			
Cold Trap Size (Diameter*H)	Φ219*240mm			
Vacuum Degree	≤5 Pa			
Water Capture Capacity	3-4L/24h			
Tray Size (D*H)	Φ200*20mm		Φ180*20mm	
Freeze Drying Time	36h			
Loading Capacity/Shelf (Liquid)	1.2L		0.8L	
Total Loading Capacity (Liquid)	2.4L		1.6L	
Drying Chamber Size (Diameter*H)	Φ260*420mm		Φ260*465mm	
Total Qty. Of Vial Φ22	/	/	147	147
Total Qty. Of Vial Φ16	/	/	297	297
Total Qty. Of Vial Φ12	/	/	492	492
Refrigerant	-60°C: R600a, R23 -80°C: R404a, R23			
Cooling System	Standard: Air cooling Optional: Water cooling			
Power Supply	Standard: 220V 50Hz Optional: 220V 60Hz			
Power Consumption	1400W			
Standard Accessory	Vacuum pump 2L/S, Material tray*4(Material tray*3 for T/PT), Drying rack*1, Cover*1, Acrylic bucket*1(all models) Conical-mouth flask 100ml*2pcs, 200ml*2pcs, 250ml*2pcs, 500ml*2pcs, Switch valve*8 pcs (only for model BK-FD12P/PT), USB port			
Optional Function & Accessory	Equipment moving frame, vacuum pump of other specifications, oil mist filter, and other customization(for all models) 600ml/1200ml Wide-mouth flask (for BK-FD12P/PT)			
External Size (W*D*H), mm	520*625*865mm			
Package Size (W*D*H),mm	Main Body	665*765*1140mm		
	Accessory	720*605*560mm		
Gross Weight(kg)	-60°C: 95kg		-80°C: 114kg	
	45kg	49kg	54kg	56kg

### Technical Parameters

Model	BK-FD18S	BK-FD18P	BK-FD18T	BK-FD18PT
Type	Standard chamber	Standard chamber with 8 port manifold	Stoppering chamber	Stoppering chamber with 8 port manifold
Freeze Drying Area	0.18m <sup>2</sup>		0.09m <sup>2</sup>	
Tray	4 pcs		3 pcs	
Height Between Trays	80mm		/	
Cold Trap Temperature	≤-60°C(No load)(-80°C -110°COptional)			
Cold Trap Capacity	28L			
Cold Trap Size (Diameter*H)	Φ300*410mm			
Vacuum Degree	≤5 Pa			
Water Capture Capacity	6L/24h			
Tray Size (D*H)	Φ240*20mm		Φ200*20mm	
Freeze Drying Time	36h			
Loading Capacity/Shelf (Liquid)	1.8L		0.9L	
Total Loading Capacity (Liquid)	3.6L		1.8L	
Drying Chamber Size (Diameter*H)	Φ300*445mm		Φ300*465mm	
Total Qty. Of Vial Φ22	/	/	183	183
Total Qty. Of Vial Φ16	/	/	345	345
Total Qty. Of Vial Φ12	/	/	615	615
Refrigerant	-60°C: R600a, R23 -80°C: R404a, R23			
Cooling System	Standard: Air cooling Optional: Water cooling			
Power Supply	Standard: 220V 50Hz Optional: 220V 60Hz			
Power Consumption	1800W			
Standard Accessory	Vacuum pump 4L/S, Material tray*4(Material tray*3 for T/PT), Drying rack*1, Cover*1, Acrylic bucket*1(all models) Conical-mouth flask 100ml*2pcs, 200ml*2pcs, 250ml*2pcs, 500ml*2pcs, Switch valve*8 pcs (only for model BK-FD18P/PT), USB port			
Optional Function & Accessory	Equipment moving frame, vacuum pump of other specifications, oil mist filter, and other customization(for all models) 600ml/1200ml Wide-mouth flask (for BK-FD18P/PT)			
External Size (W*D*H), mm	545*686*938			
Package Size (W*D*H),mm	Main Body	835*680*1230mm		
	Accessory	725*665*705mm		
Gross Weight(kg)	-60°C: 118kg		-80°C: 136kg	
	Accessory	52kg	54kg	60kg

## Pilot Freeze Dryer



BK-FD20S



BK-FD20T



BK-FD30S



BK-FD30T

### Technical Parameters

Model	BK-FD20S(Standard)	BK-FD20T(Stoppering)	BK-FD30S(Standard)	BK-FD30T(Stoppering)	
Freeze Drying Area	0.3m <sup>2</sup>	0.2m <sup>2</sup>	0.4m <sup>2</sup>	0.3m <sup>2</sup>	
Shelf Temperature	-50°C~+70°C(no-loading)				
Cold Trap Temperature	<-80°C(no-loading)				
Vacuum Degree	≤1Pa(no-loading)				
Water Capture Capacity	≥6		≥8		
Cold Trap Volume	14L		/ 26L		
Cold Trap Size (Diameter*H)	Φ200*460mm		/ Φ320*520mm		
Drying Chamber Size (W*D*H)	330*325*470mm		340*500*420mm 480*380*540mm		
Shelf & Tray Size(W*D*H)	Shelf: 400*270*18mm		Shelf: 300*340*18mm		
	Tray: 395*265*25mm		Tray: 295*335*25mm		
Qty. Of Shelf & Tray	Shelf: 3+1, Tray: 3		Shelf: 4+1, Tray: 4		
Sample Loading Capacity (Liquid)	3L		4L		
Height Between Trays	70mm		50mm		
Tray Temperature Difference	±1°C				
Refrigerant	R404A + R23				
Condenser Cooling Mode	Air cooling				
Defrost Mode	Electric defrosting		Natural defrosting (option electric defrosting)	Electric defrosting	
	/		automatic	automatic	
Total Qty. Of Vial	Φ22mm	/	440	654	
	Φ16mm	/	868	1200	
	Φ12mm	/	1554	2187	
Vacuum Pump	4L/S(14.4m <sup>3</sup> /h)		6L/S(22m <sup>3</sup> /h)		
Electric Defrosting Consumption	800W	800W	/	1000W	
Silicone Oil Heating Rods Consumption	800W	800W	1000W	1000W	
Hydraulic Pressure Station Consumption	/	500W	/	1000W	
Total Consumption	3KW	4KW	4.5KW	5.5KW	
Power Supply	AC220V, 50Hz/60Hz (single phase)				
Main Body Weight	300kg		400kg		
External Size(W*D*H) mm	1033*781*1580mm	1033*781*1580mm	928*825*1366mm	1272*853*1679mm	
Package Size(W*D*H)mm	Main Body	1150*900*1780mm /400kg	1155*900*1905 mm /400kg	1050*945*1570mm /450kg	1392*995*1880mm/651kg
	Gross Weight	Vacuum Pump	950*420*500mm (37kg)	790*340*460mm (57kg)	790*300*470mm (52kg)

Optional: Import vacuum pump, Vacuum pump anti-return valve, Eutectic point tester, Oil mist filtration system, Vacuum adjustment device  
Standard: USB port



BK-FD50S



BK-FD50T



BK-FD100S



BK-FD100T

### Technical Parameters

Model	BK-FD50S(Standard)	BK-FD50T(Stoppering)	BK-FD100S(Standard)	BK-FD100T(Stoppering)	
Freeze Drying Area	0.7m <sup>2</sup>	0.5m <sup>2</sup>	1.03m <sup>2</sup>	1.15m <sup>2</sup>	
Shelf Temperature	-50°C~+70°C(no-loading)				
Cold Trap Temperature	<-80°C(no-loading)				
Vacuum Degree	≤1 Pa(no-loading)				
Water Capture Capacity	≥10kg		≥15kg		
Cold Trap Volume	/		70L		
Cold Trap Size (Diameter*H)	/		Φ400*560mm		
Drying Chamber Size (W*D*H)	410*510*590 mm	620*510*580mm	410*580*520mm	700*590*760mm	
Shelf & Tray Size(W*D*H)	Shelf: 480*360*18mm	Shelf: 410*410*18mm	Shelf: 480*360*18mm	Shelf: 480*600*18mm	
	Tray: 475*355*25mm	Tray: 405*405*25mm	Tray: 475*355*25mm	Tray: 475*595*25mm	
Qty. Of Shelf & Tray	Shelf: 4+1, Tray: 4	Shelf: 3+1, Tray: 3	Shelf: 6+1, Tray: 6	Shelf: 4+1, Tray: 4	
Sample Loading Capacity (Liquid)	7L	5L	10L	11L	
Height Between Trays	50mm/70mm(Optional)	100mm	70mm	100mm	
Tray Temperature Difference	±1°C				
Refrigerant	R404A + R23				
Condenser Cooling Mode	Air cooling				
Defrost Mode	Natural defrosting (option electric defrosting)		Electric defrosting	Electric defrosting	
	/		automatic	automatic	
Total Qty. Of Vial	/	1050	/	2460	
	/	2058	/	4788	
	/	3075	/	8624	
Vacuum Pump	8L/S(29m <sup>3</sup> /h)		15L/S(54m <sup>3</sup> /h)		
Electric Defrosting Consumption	/		1000W	1500W	
Silicone Oil Heating Rods Consumption	1000W		1600W	1500W	
Hydraulic Pressure Station Consumption	/		1000W	1500W	
Total Consumption	5.5KW		6.5KW	7.5KW	
Power Supply	AC380V, 50Hz/60Hz (three phase) BK-FD50S:AC220V, 50Hz/60Hz (single phase)				
Main Body Weight	600kg	800kg	700kg	1000kg	
External Size(W*D*H) mm	1008*823*1420mm	1405*911*1983mm	1190*876*1727mm	1823*1144*2014mm	
Package Size(W*D*H)mm	1130*950*1620mm /700kg	1530*1030*2190mm /900kg	1310*1000*1930mm /850kg	1940*1270*2220mm /1200kg	
	Gross Weight	Vacuum Pump	790*330*445mm (73kg)	830*370*600mm (88kg)	785*455*300mm (95kg)

Optional: Import vacuum pump, Vacuum pump anti-return valve, Eutectic point tester, Oil mist filtration system, Vacuum adjustment device  
Standard: USB port

## Blood Transport Box



### Applications:

There is a cooling and heating system in the working room of the blood transport box, and the fan drives the hot and cold air in the working room, which is evenly distributed around the working room to keep the temperature in the box constant. Putting the thawed blood flat into the working room solves the problem of safe storage of blood in emergency transportation.

### Features

- \* Small size, light weight, easy to transport.
- \* The use adopts microcomputer control, semiconductor refrigeration, manual adjustment, automatic cooling and heating.
- \* The insulation layer of the box is made of polyurethane foam, which has strong heat insulation ability.
- \* Multiple choices of power supply mode: 220V AC power supply, 12V vehicle power supply.
- \* Using high-efficiency refrigeration sheet and high-precision temperature control system, it can reach the set temperature in a short time.

### Technical Parameters

Model	BJPX-PZ8	BJPX-PZ12	BJPX-PZ15	BJPX-PZ19	BJPX-PZ30
Capacity	8L, 8bags of 200ml	12L, 10bags of 200ml	15L, 13bags of 200ml	19L, 17bags of 200ml	30L, 28bags of 200ml
Temp. Control Range	4±2℃				
Heating Power	80W				
Cooling Power	80W				
Power Supply	220V, 50Hz, DC12V				
External Size(mm)	440*310*340	400*280*330	400*300*350	500*250*400	600*300*400
Net Weight(kg)	4.8	5	6	5.5	7.3
Packing Size(mm)	500*370*400	460*340*390	460*360*450	560*310*490	665*360*490
Gross Weight(kg)	6.3	6.5	8	7.5	10.3

## Portable Refrigerator



### Technical Parameters

Model	BJPX-L5	BJPX-L6	BJPX-L8	BJPX-L12	BJPX-L15
External Size(mm)	266*215*225	330*235*275	335*225*205	425*262*305	425*262*305
Internal Size(mm)	200*142*165	240*145*180	295*167*168	325*170*225	363*203*244
Inner Capacity	5L	6L	8L	12L	15L
Configuration	1pc refrigerator 4pcs Crystal Ice 400ml 1pc digital thermometer		1pc refrigerator 4pcs Crystal Ice 400ml 1pc digital thermometer	1pc refrigerator 1pc tray 1pc partition 6 pcs Crystal storage ice box 400ml 1pc digital thermometer	1pc refrigerator 1pc strap 1pc digital thermometer 6 pcs Crystal storage ice box 400ml 1pc tray
Insulation Material	PU		PU	PU	PU
External& Internal Material	External: PE Internal: PP				
Packing Size	380*270*300mm		380*270*300mm	460*355*360mm	460*355*360mm
Gross Weight	1.7kg	2.8kg	2.4kg	4kg	4.3kg

Model	BJPX-L20	BJPX-L33	BJPX-L55	BJPX-L65	BJPX-L85
External Size(mm)	450*330*300	570*310*360	640*395*395	620*485*375	640*520*375
Internal Size(mm)	370*235*240	480*250*290	590*335*320	540*425*315	580*465*320
Inner Capacity	20L	33L	55L	65L	85L
Configuration	1pc refrigerator 1pc strap 9pcs Crystal storage ice box 400ml 1pc partition 1pc tray 1pc digital thermometer	1pc refrigerator 12pcs Crystal ice box 400ml 1pc digital thermometer	1pc refrigerator 12pcs Crystal ice box 400ml 1pc digital thermometer	1pc refrigerator 15pcs Crystal ice box 400ml 1pc digital thermometer	1pc refrigerator 15pcs Crystal ice box 400ml 1pc digital thermometer
Insulation Material	PU		PU	PU	PU
External& Internal Material	External: PE; Internal: PP				
Packing Size	490*360*340mm	585*325*390mm	670*430*430mm	640*505*395mm	650*540*400mm
Gross Weight	4.5kg	5.25kg	7.3kg	8kg	9.3kg

\* Remarks: Each of BJPX-L6/15/20 has 1pc strap, other models not. \* Optional Accessory: Printer

## Biosafety Transport Box



### Technical Parameters:

Model	BTB-L5	BTB-L6	BTB-L8	BTB-L12	BTB-L15
Outer Size(mm)	266*215*225	330*235*275	335*225*205	425*262*305	425*262*305
Inner Capacity	5L	6L	8L	12L	15L
Product Configuration	1 box 1 digital thermometer 1 95KPa biosafety transport tank 1 sponge reagent tube holder 1 piece of absorbent cotton 2 crystal ice boxes	1 box 1 strap 1 digital thermometer 1 95KPa biosafety transport tank 1 sponge reagent tube holder 1 piece of absorbent cotton 4 crystal ice boxes	1 box 1 digital thermometer 2 95KPa biosafety transport tanks 2 sponge reagent tube holders 2 pieces of absorbent cotton 4 crystal ice boxes	1 box 1 strap 1 digital thermometer 2 95KPa biosafety transport tanks 2 sponge reagent tube holders 2 pieces of absorbent cotton 6 crystal ice boxes 1 tray	1 box 1 strap 1 digital thermometer 3 95KPa biosafety transport tanks 3 sponge reagent tube holders 3 pieces of absorbent cotton 6 crystal ice boxes 1 tray
Material	PP+PE	PP+PE	PP	PP	PP
Insulation Material	PU	PU	EPS	PU	PU
Gross Weight(kg)	2.0	3.2	2.9	4.5	4.8
Packing Size(mm)	380*270*300	380*270*300	380*270*300	460*355*360	460*355*360

### Application

It can be used for the transportation of biological products requiring physical insulation, such as un2814, un2900, un3373 biological samples, pathogenic microorganism (virus) species, blood, etc

### Features

- \* Real time temperature value display
- \* Refrigeration and temperature control to ensure the consistency of samples
- \* Easy to operate and could be used repeatedly
- \* Meet the basic requirements of cold chain transportation and storage of vaccines

### Technical Parameters:

Model	BTB-L20	BTB-L33	BTB-L55	BTB-L65	BTB-L85
Outer Size(mm)	450*330*300	570*310*360	640*395*395	620*485*375	640*520*375
Inner Capacity	20L	33L	55L	65L	85L
Product Configuration	1 box 1 strap 1 digital thermometer 4 95KPa biosafety transport tanks 4 sponge reagent tube holders 4 pieces of absorbent cotton 9 crystal ice boxes 1 partition 1 tray	1 box 1 digital thermometer 5 95KPa biosafety transport tanks (6 cans are optional) 5 sponge reagent tube holders 5 pieces of absorbent cotton 11 crystal ice boxes	1 box 1 digital thermometer 8 95KPa biosafety transport tanks 8 sponge reagent tube holders 8 pieces of absorbent cotton 11 crystal ice boxes	1 box 1 digital thermometer 12 95KPa biosafety transport tanks 12 sponge reagent tube holders 12 pieces of absorbent cotton 15 crystal ice boxes	1 box 1 digital thermometer 20 95KPa biosafety transport tanks 20 sponge reagent tube holders 20 pieces of absorbent cotton 15 crystal ice boxes
Material	PP	PP	PP+PE	PP+PE	PP+PE
Insulation Material	PU	PU	PU	PU	PU
Gross Weight(kg)	5.5	6.5	9.3	11	14.3
Packing Size(mm)	490*360*340	585*325*390	670*430*430	640*505*395	650*540*400

## Flake Ice Maker



Small particles of irregular snow ice



FIM20/30/40/50

FIM60/70/85

### Technical Parameters

Model	FIM20	FIM30	FIM40	FIM50	FIM60	FIM70	FIM85
Ice Making Capacity(kg/24h)	20	30	40	50	60	70	85
Max. Ice Storage Capacity(kg)	10	10	15	15	25	25	25
Ice Shape	Small particle of irregular snow ice						
Input Current(W)	280	300	360	380	420	460	480
Way of Condensation	Air cooling						
Ambient Temperature	10~35°C						
Water Temperature	2~15°C						
Tank Shell	Stainless steel						
Compressor	Donper		Panasonic Wanbao (for FIM40-100)				
Refrigerant	R290		R290				
Standard Accessories	Water inlet pipe*1, Drainage pipe*1, Ice spoon*1						
Optional Accessories	Filter						
Power Supply	AC 220V±10%, 50/60HZ; 110V±10%, 60HZ						
Net Weight(kg)	26		36		42		
Gross Weight(kg)	42		56		62		
External Size(W*D*H)mm	330*470*605		400*543*720		400*510*875		
Package Size(W*D*H)mm	460*590*740		520*660*840		520*640*960		

## Flake Ice Maker



FIM100/120/150



FIM200/250

### Technical Parameters

Model	FIM100	FIM120	FIM150	FIM200	FIM250
Ice Making Capacity(kg/24h)	100	120	150	200	250
Max. Ice Storage Capacity(kg)	40	40	40	60	60
Ice Shape	Small particle of irregular snow ice				
Input Current(w)	520	550	680	1040	1100
Way of Condensation	Air cooling				
Ambient Temperature	10~35°C				
Water Temperature	2~15°C				
Tank Shell	Stainless steel				
Compressor	Panasonic Wanbao		Donper		Panasonic Wanbao
Refrigerant	R290				
Standard Accessories	Water inlet pipe*1, Drainage pipe*1, Ice spoon*1				
Optional Accessories	Filter				
Power Supply	AC 220V±10%,50/60HZ ; 110V±10%, 60HZ				
Net Weight(kg)	58	60	80	80	
Gross Weight(kg)	82	84	105	105	
External Size(W*D*H)mm	500*611*940			680*611*1100	
Package Size(W*D*H)mm	720*620*1160			730*790*1320	

Various types of experiments, hospitals, schools, laboratories, medical, chemical applications, supermarkets, hotels and other seafood products stores etc.

## Split-Type Flake Ice Maker



FIM300



FIM500

### Applicable area

Various types of experiments, hospitals, schools, laboratories, medical, chemical applications, supermarkets, hotels and other seafood products stores etc.

### Technical Parameters

Model	FIM300	FIM500
Ice Making Capacity(kg/24h)	300	500
Max. Ice Storage Capacity(kg)	150	200
Ice Shape	Small particle of irregular snow ice	
Input Current(w)	1360	2100
Way of Condensation	Air cooling	
Ambient Temperature	10~35°C	
Water Temperature	2~15°C	
Tank Shell	Stainless steel	
Refrigerant	SECOP /R404a	Embraco/R404a
Standard Accessories	Water inlet pipe*1, Drainage pipe*1, Ice spoon*1	
Optional Accessories	Filter	
Power Supply	AC 220V±10%,50/60HZ ; 110V±10%, 60HZ	
Net Weight(kg)	95	125
Gross Weight(kg)	125	155
External Size	Head Size	600*760*740
(W*D*H)mm	Ice Tank Size	570*830*1020
Package Size	Head Size	700*850*995
(W*D*H)mm	Ice Tank Size	640*860*990

## Cube Ice Machine



CIM-65/80/120



CIM-180/210/260



### Application

- \* Cube ice, large contact area, adjustable ice thickness.
- \* Stainless steel and ABS engineering plastic shell, beautiful shape, strong, practical.
- \* Nickel-plated copper ice plate, flowing vertical ice making, high ice making efficiency, energy saving.
- \* "Intelligent core" control system, automatic ice making, automatic ice falling, ice full detection.
- \* One-button cleaning function, convenient daily maintenance.
- \* LED screen, clear operation, accurate understanding of the machine's working conditions.
- \* The tank, sink, and water distribution pipe all meet the food grade standards, safe and hygienic.
- \* Built-in refrigerator.
- \* The three basic parts(computer board, fan, condenser) are guaranteed for five years.

### Technical Parameters

Model	CIM-65	CIM-80	CIM-120	CIM-180	CIM-210	CIM-260
Ice Making Capacity(kg/24h)	30	40	60	80	100	120
Max. Ice Storage Capacity(kg)	15			45		
Ice Shape	Standard: Cube Ice 22*22*22mm 10g Optional: Cube Ice 28*13*23mm 7g, Cube Ice 28*28*23mm 15g Choose one of the three Types.					
Ice Grid	4*9	4*10	5*12	5*16	5*18	6*18
Way of Condensation	Standard: Air cooling Optional: Water cooling					
Ambient Temperature	1°C~40°C					
Water Temperature	5°C~35°C					
Compressor	Wanbao					
Refrigerant	R404A/R290					
Optional Accessories	UV lamp					
Power Supply	Standard: AC220V±10%, 50Hz Optional: AC220V±10%, 60Hz AC110V±10%, 60Hz					
Input Current(W)	280	300	360	580	600	650
Net Weight(kg)	34	34	35	54	55	56
Gross Weight(kg)	38	38	39	59	60	61
External Size(W*D*H)mm	500*450*800	500*450*800	500*450*800	660*680*930	660*680*930	660*680*930
Package Size(W*D*H)mm	580*510*850	580*510*850	580*510*850	740*750*920	740*750*920	740*750*920



## Liquid Nitrogen Container

### Static Storage Liquid Nitrogen Container



YDS-3S(6)  
YDS-3

YDS-10  
/YDS-10-80  
/YDS-10-125

YDS-10S(6)  
/YDS-10-80S(6)  
/YDS-10-125S(1)  
/YDS-10-125-FS

YDS-20  
/YDS-30  
/YDS-30-80  
/YDS-30-125

YDS-20LS(6)  
/YDS-20S(6)  
/YDS-30LS(6)  
/YDS-30S(6)  
/YDS-30-80LS(6)  
/YDS-30-80S(6)  
/YDS-30-125LS(6)  
/YDS-30-125S(6)  
/YDS-30-125-FS

#### Features:

- \* High vacuum, multi-layer thermal insulation design
- \* Low static evaporation rate, ultra-low evaporation loss
- \* Made of high-quality alloy aluminum
- \* Vacuum warranty for 5 years
- \* Optional liquid level ruler

#### Technical Parameters:

Model	Unit	YDS-3S(6)	YDS-3	YDS-10	YDS-10-80	YDS-10-125
Capacity	L	3	3	10	10	10
Empty Weight	kg	4.2	3.4	6	6.35	6.9
Caliber	mm	50	50	50	80	125
Outer Diameter	mm	223	223	303	303	303
Height	mm	438	438	530	505	505
Static Evaporation Loss	L/d	0.12	0.12	0.12	0.21	0.42
Static Holding Time	d	26	26	86	48	23
Canister Specification	mm	Round: $\phi 38*120$	—	—	—	—
Canister No.(Standard)	pc	6	—	—	—	—
Canvas Protective Sleeve	pc	1	—	—	—	—
Lockable Lid	set	Yes	—	—	—	—
Packing Size	mm	270*285*510	270*285*510	360*360*670	360*360*670	360*360*670
Gross Weight	kg	4.8	4	7.1	7.5	8

Model	Unit	YDS-10 S(6)	YDS-10 -80S(6)	YDS-10 -125S(1)	YDS-10 -125-FS	YDS-20	YDS-30	YDS-30 -80	YDS-30 -125
Capacity	L	10	10	10	10	20.1	31.5	31.5	31.5
Empty Weight	kg	6.8	7.7	8.12	8.8	12.4	15.5	16.2	16.6
Caliber	mm	50	80	125	125	50	50	80	125
Outer Diameter	mm	303	303	303	303	409	455	455	455
Height	mm	550	555	575	575	675	665	665	665
Static Evaporation Loss	L/d	0.12	0.21	0.42	0.42	0.12	0.12	0.21	0.35
Static Holding Time	d	86	48	23	23	168	254	147	90
Canister Specification	mm	Round: $\phi 38*120$	Round: $\phi 60*120$	Round: $\phi 97*120$	Square: 82*84, 100psc of 2ml vials	—	—	—	—
Canister No.(Standard)	pc	6	6	1	1	—	—	—	—
Canvas Protective Sleeve	pc	√	√	√	√	—	—	—	—
Lockable Lid	set	√	√	√	√	—	—	—	—
Packing Size	mm	360*360 *670	360*360 *670	360*360 *670	360*360 *670	460*460 *750	510*510 *810	510*510 *810	510*510 *810
Gross Weight	kg	7.9	8.8	9.2	9.9	14	17.5	18.2	18.6

Model	Unit	YDS-20 LS(6)	YDS-20 S(6)	YDS-30 LS(6)	YDS-30 S(6)	YDS-30 -80LS(6)	YDS-30 -80S(6)	YDS-30 -125LS(6)	YDS-30 -125S(6)	YDS-30 -125-FS
Capacity	L	20.1	20.1	31.5	31.5	31.5	31.5	31.5	31.5	31.5
Empty Weight	kg	13.77	13.2	17.8	17.2	18.9	17.8	21.1	19.2	20.7
Caliber	mm	50	50	50	50	80	80	125	125	125
Outer Diameter	mm	409	409	455	455	455	455	455	455	455
Height	mm	680	680	670	670	680	680	680	680	680
Static Evaporation Loss	L/d	0.12	0.12	0.12	0.12	0.21	0.21	0.35	0.35	0.35
Static Holding Time	d	168	168	254	254	147	147	90	90	90
Canister Specification	mm	Round: $\phi 38*276$	Round: $\phi 38*120$	Round: $\phi 38*276$	Round: $\phi 38*120$	Round: $\phi 60*276$	Round: $\phi 60*120$	Round: $\phi 97*276$	Round: $\phi 97*120$	Square: 82*84, 600psc of 2ml vials
Canister No.(Standard)	pc	6	6	6	6	6	6	6	6	6
Canvas Protective Sleeve	pc	√	√	√	√	√	√	√	√	√
Lockable Lid	set	√	√	√	√	√	√	√	√	√
Packing Size	mm	460*460 *750	460*460 *750	510*510 *810	510*510 *810	510*510 *810	510*510 *810	510*510 *810	510*510 *810	510*510 *810
Gross Weight	kg	15.37	14.8	18.1	19.2	20.8	19.8	23.1	21.2	24.7

## Static Storage Liquid Nitrogen Container



### Features:

- \* High vacuum, multi-layer thermal insulation design
- \* Low static evaporation rate, ultra-low evaporation loss
- \* Made of high-quality alloy aluminum
- \* Vacuum warranty for 5 years
- \* Optional liquid level ruler

YDS-35LS(6)/YDS-35S(6)/YDS-35/YDS-35-80LS(6)  
/YDS-35-80S(6)/YDS-35-80/YDS-35-125-FS  
/YDS-35-125LS(6)/YDS-35-125S(6)/YDS-35-125



- \* High vacuum, multi-layer thermal insulation design
- \* Low static evaporation rate, ultra-low evaporation loss
- \* Made of high-quality alloy aluminum
- \* Vacuum warranty for 5 years
- \* Optional liquid level ruler

YDS-47-127-FS/YDS-47-127LS(6)/YDS-47-127  
/YDS-65-216-FS/YDS-65-216S(6)/YDS-95-216-FS  
/YDS-95-216S(6)/YDS-120-216-FS/YDS-120-216S(6)  
/YDS-145-216-FS/YDS-145-216S(6)/YDS-175-216-FS  
/YDS-175-216S(6)

### Technical Parameters

Model	Unit	YDS-35LS(6)	YDS-35S(6)	YDS-35	YDS-35-80LS(6)	YDS-35-80S(6)	YDS-35-80	YDS-35-125-FS	YDS-35-125LS(6)	YDS-35-125S(6)	YDS-35-125
Capacity	L	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
Empty Weight	kg	18.4	17.8	17	20	19	17.8	25.3	22.5	20.6	18.2
Caliber	mm	50	50	50	80	80	80	125	125	125	125
Outer Diameter	mm	455	455	455	455	455	455	455	455	455	455
Height	mm	735	735	720	735	735	735	735	735	735	735
Static Evaporation Loss	L/d	0.12	0.12	0.12	0.22	0.22	0.22	0.37	0.37	0.37	0.37
Static Holding Time	d	286	286	286	159	159	159	97	97	97	97
Canister Specification	mm	Round: 38*276	Round: 38*120	—	Round: 60*276	Round: 60*120	—	Square: 82*84, 750pcs of 2ml vials	Round: 97*276	Round: 97*120	—
Canister No. (Standard)	pc	6	6	—	6	6	—	6	6	6	—
Canvas Protective Sleeve	pc	√	√	—	√	√	—	√	√	√	—
Lockable Lid	set	√	√	—	√	√	—	√	√	√	—
Packing Size	mm	510*510*810	510*510*810	510*510*810	510*510*810	510*510*810	510*510*810	510*510*810	510*510*810	510*510*810	510*510*810
Gross Weight	kg	20.4	19.8	19	22	21	19.8	27.3	24.5	22.6	20.2

### Technical Parameters

Model	Unit	YDS-47-127-FS	YDS-47-127LS(6)	YDS-47-127	YDS-65-216-FS	YDS-65-216S(6)	YDS-95-216-FS	YDS-95-216S(6)	YDS-120-216-FS	YDS-120-216S(6)	YDS-145-216-FS	YDS-145-216S(6)	YDS-175-216-FS	YDS-175-216S(6)
Capacity	L	47	47	47	65	65	95	95	125	125	145	145	175	175
Empty Weight	kg	25.7	24.1	20.2	50.8	41.5	58.3	45.7	66	52.5	71.9	53.3	79.1	57.5
Caliber	mm	127	127	127	216	216	216	216	216	216	216	216	216	216
Outer Diameter	mm	508	508	508	684	684	684	684	684	684	684	684	684	684
Height	mm	700	700	675	770	770	790	790	970	970	975	975	1060	1060
Static Evaporation Loss	L/d	0.36	0.36	0.36	0.78	0.78	0.97	0.97	0.98	0.98	0.96	0.96	0.95	0.95
Static Holding Time	d	130	130	130	83	83	98	98	127	127	151	151	184	184
Canister Specification	mm	Square: 82*84, 750pcs of 2ml vials	Round: 104*276	—	Square: 142*144, 1944 pcs of 2ml vials	—	Square: 142*144, 2430pcs of 2ml vials	—	Square: 142*144, 2916pcs of 2ml vials	—	Square: 142*144, 3888/4800 pcs of 2ml vials	—	Square: 142*144, 4860pcs of 2ml vials	—
Canister No. (Standard)	pc	6	6	—	6	—	6	—	6	—	6	—	6	—
Canvas Protective Sleeve	pc	—	—	—	—	—	—	—	—	—	—	—	—	—
Lockable Lid	set	√	√	—	√	√	√	√	√	√	√	√	√	√
Packing Size	mm	575*575*860	575*575*860	575*575*860	760*760*910	760*760*910	760*760*950	760*760*950	760*760*1105	760*760*1105	760*760*1130	760*760*1130	760*760*1200	760*760*1200
Gross Weight	kg	29.5	27.9	24	63.7	54.4	73.9	58.7	79.9	66.4	85.9	67.5	93.5	71.9

## Transportation Liquid Nitrogen Container



YDS-20B/YDS-30B  
/YDS-35B-80/YDS-35B-125  
/YDS-35B/YDS-50B-125



YDS-20B-LS(6) /YDS-35B-125LS(6)  
/YDS-20B-S(6) /YDS-35B-125S(6)  
/YDS-30B-LS(6) /YDS-35B-LS(6)  
/YDS-30B-S(6) /YDS-35B-S(6)  
/YDS-35B-80LS(6) /YDS-50B-125-FS  
/YDS-35B-80S(6) /YDS-50B-125LS(6)  
/YDS-35B-125-FS /YDS-50B-125S(6)

### Features:

- \* High vacuum, multi-layer insulation design
- \* Low static evaporation rate
- \* Made of high-quality alloy aluminum
- \* Insulation material bracket, lower evaporation, safe and reliable transportation

### Technical Parameters:

Model	Unit	YDS-20B	YDS-30B	YDS-35B-80	YDS-35B-125	YDS-35B	YDS-50B-125
Capacity	L	20.1	31.5	35.5	35.5	35.5	50
Empty Weight	kg	12.42	15.6	17.9	18.3	17.1	21
Caliber	mm	50±1	80±1	125±1	50±1	125±1	125±1
Outer Diameter	mm	409±2	455±2	455	455	455	508
Height	mm	675	665	725	720	725	818±4
Static Evaporation Loss	L/d	≤0.20	≤0.20	≤0.30	≤0.41	≤0.20	≤0.45
Static Holding Time	d	≥101	≥159	≥119	≥86	≥179	≥110
Canister Specification	mm	NO	NO	NO	NO	NO	NO
Canister No.(Standard)	pc	NO	NO	NO	NO	NO	NO
Canvas Protective Sleeve	pc	NO	NO	NO	NO	NO	NO
Lockable Lid	set	NO	NO	NO	NO	NO	NO
Packing Size	mm	460*460*750	510*510*810			575*575*860	
Gross Weight	kg	14.1	17.6	19.9	20.3	19.1	24.8

Model	Unit	YDS-20B-LS(6)	YDS-20B-S(6)	YDS-30B-LS(6)	YDS-30B-S(6)	YDS-35B-80LS(6)	YDS-35B-80S(6)	YDS-35B-125-FS
Capacity	L	20.1	20.1	31.5	31.5	35.5	35.5	35.5
Empty Weight	kg	13.78	13.22	17.9	17.3	20.3	19.1	25.4
Caliber	mm	50±1	50±1	50±1	50±1	80±1	80±1	125±1
Outer Diameter	mm	409±2	409±2	455±2	455±2	455	455	455
Height	mm	680	680	670±4	670±4	735	725	735
Static Evaporation Loss	L/d	≤0.20	≤0.20	≤0.20	≤0.20	≤0.30	≤0.30	≤0.41
Static Holding Time	d	≥101	≥101	≥159	≥159	≥119	≥119	≥86
Canister Specification	mm	Round: Diameterφ	Round: Diameterφ	Round: Diameterφ	Round: Diameterφ	Round: Diameterφ	Round: Diameterφ	Square: 82*84mm. With 5*5 2ml cryobox, 750pcs cryogetic vials
		Height	Height	Height	Height	Height	Height	
		276±1	120±1	276±1	120±1	276±1	120±1	
Canister No.(Standard)	pc	6	6	6	6	6	6	6
Canvas Protective Sleeve	pc	1	1	1	1	1	1	1
Lockable Lid	set	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Packing Size	mm	460*460*750			510*510*810			
Gross Weight	kg	15.5	15	20.1	19.3	22.3	21.8	22.5

Model	Unit	YDS-35B-125LS(6)	YDS-35B-125S(6)	YDS-35B-LS(6)	YDS-35B-S(6)	YDS-50B-125-FS	YDS-50B-125LS(6)	YDS-50B-125S(6)
Capacity	L	35.5	35.5	35.5	35.5	50	50	50
Empty Weight	kg	22.52	20.61	18.45	17.85	28.5	23.7	22
Caliber	mm	125±1	125±1	50±1	50±1	125±1	125±1	125±1
Outer Diameter	mm	455	455	455	455	508	508	508
Height	mm	735	735	735	735	818±4	818±4	818±4
Static Evaporation Loss	L/d	≤0.41	≤0.41	≤0.20	≤0.20	≤0.45	≤0.45	≤0.45
Static Holding Time	d	≥86	≥86	≥179	≥179	≥110	≥110	≥110
Canister Specification	mm	Round: Diameterφ	Round: Diameterφ	Round: Diameterφ	Round: Diameterφ	Square: 82*84mm. With 5*5 2ml cryobox, 900pcs cryogetic vials	Round: Diameterφ	Round: Diameterφ
		Height	Height	Height	Height	Height	Height	Height
		276±1	120±1	120±1	120±1	276±1	120±1	120±1
Canister No.(Standard)	pc	6	6	6	6	6	6	6
Canvas Protective Sleeve	pc	1	1	1	1	NO	NO	NO
Lockable Lid	set	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Packing Size	mm	510*510*810			575*575*860			
Gross Weight	kg	24.7	22.7	20.1	19.8	32.3	27.5	25.5

## Self-pressurized Liquid Nitrogen Container



### Features:

- \* High bearing capacity casters, easy to move \* Vacuum warranty for 5 years
- \* Double safety automatic control valve, with double safety protection measures, it is safer to use.
- \* It has continuous pressurization and continuous liquid discharge, making the liquid supply more efficient
- \* Standard float liquid level meter for YDZ-100/YDZ-200, cannot be optional for YDZ-30/YDZ-50
- \* Made of high-quality 304 stainless steel, the ultra-low temperature globe valve is easier to operate, durable and beautiful

### Technical Parameters:

Model	Unit	YDZ-30	YDZ-50	YDZ-100	YDZ-200
Capacity	L	30	50	100	200
Caliber	mm	50	50	50	50
Empty Weight	kg	50	50	80	80
Outer Diameter	mm	454	506	606	660
Height	mm	450	998	1185	1320
Static Evaporation Rate	%	2.5	2	1.3	1.2
Standard Working Pressure	MPa	0.05	0.05	0.05	0.05
Maximum Working Pressure	MPa	0.09	0.09	0.09	0.09
Primary Safety Valve Opening Pressure	MPa	0.099	0.099	0.099	0.099
Second Safety Valve Opening Pressure	MPa	0.15	0.15	0.15	0.15
Pressure Gauge Range	MPa	0-0.25	0-0.25	0-0.25	0-0.25
Standard Accessories	pc	1pc of 1.5m liquid nitrogen output hose			
Packing Size	mm	465*465*1035	505*505*1135	615*615*1290	700*700*1450
Gross Weight	kg	68	78.5	85	154.8

## Liquid Nitrogen Container Accessories

Picture	Item Name	Specifications
	Lockable Lid	SG50 is suitable for 50 caliber series products SG80 is suitable for 80 caliber series products SG125 is suitable for 125 caliber series products SG216 is suitable for 216 caliber series products
	Protective Sleeve	3L is suitable for YDS3L series products 10L suitable for YDS10L series products 20L is suitable for YDS10L series products 30L/35L is suitable for YDS30L/35L series products 50L is suitable for YDS47/50L series products
	Canister (Round Canister)	304 stainless steel
	Frozen Storage Shelf Canister (Square Canister)	304 stainless steel
	Level Ruler	YWC-60 length 600 mm, 304 stainless steel material, thickness 6 mm YWC-100 length 1000 mm, made of 304 stainless steel, thickness 6 mm YWC-100-1 length 1000 mm, 201 stainless steel material, thickness 2.5 mm
	Trolley	ZYC01 is suitable for products with a tank diameter less than $\phi 525\text{mm}$ ; suitable for 20L-50L series products; equipped with 5 universal wheels ZYC02 is suitable for tanks with a diameter less than $\phi 685\text{mm}$ ; suitable for 65L-175L series products; equipped with 5 universal wheels
	Smart bottle stopper	BKSC-530C is suitable for YDS-30-125 BKSC-590C is suitable for YDS-35-125 BKSC-590C is suitable for YDS-35B-125 BKSC-630C is suitable for YDS-50B-125 BKSC-575D is suitable for YDS-65-216 BKSC-620D is suitable for YDS-95-216 BKSC-760D is suitable for YDS-120-216 BKSC-810D is suitable for YDS-145-216 BKSC-870D is suitable for YDS-175-216
	Freezing Pipe Clamp	5015-0001 Used for 5*2ml pipe 5015-0002 Used for 6*2ml pipe



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## Morgue Freezer



BK-XG1



BK-XG2



BK-XG3



BK-XG4



BK-XG6

### Features

- \* Anti-vibration and anti-overturn compressor.
- \* Intelligent control system.
- \* All stainless steel.
- \* Polyurethane overall high pressure and high temperature foaming.
- \* The refrigeration system of each chamber can be controlled individually.
- \* Corpse tray can move freely with small roller wheels.

Model	BK-XG1	BK-XG2	BK-XG3	BK-XG4	BK-XG6
Interior Size	2060*600*420mm, 1pc	2060*640*440mm, 2pcs	2060*640*440mm, 3pcs	2050*640*440mm, 4pcs	2050*640*440mm, 6pcs
Lowest Temp.	-30°C				
Accuracy	0.1°C				
Slide	Enlarged 100mm thickness load-bearing frame				
Stretcher	Made of all stainless steel (strong corrosion resistance)				
Evaporator	Direct-cooled evaporator with built-in copper coil, no solder joints inside				
Condenser	Air-cooled condenser, silent cooling fan				
Insulation	Polyurethane overall high-pressure and high temperature foaming (thickness about 100mm)				
Power Supply	Standard: 220V, 50/60Hz; Optional: 110V, 60Hz				
Power	850W	850W	1300W	1300W	1500W
Packing Size	2700*800*700mm	2300*950*1700mm	2300*960*2200mm	2300*1800*1700mm	2300*2100*1700mm
Gross Weight	200kg	400kg	500kg	700kg	840kg



ACCREDITATION CANADA  
AGREMENT CANADA





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