

BIOBASE®

Specialist in Lab Freezers and Refrigerators



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INTRODUCTION

BIOBASE Group is a professional manufacturer of laboratory equipments since 1999. We are certified by CE, ISO13485, ISO14001, ISO9001, SGS, etc.

Our main cold chain system products are Blood bank refrigerator, Laboratory refrigerator, -25°C Freezer, -40°C Freezer, -60°C Freezer, -86°C Ultra-low temperature Freezer, Freezer racks and boxes, Car refrigerator, Portable refrigerator, Freeze Dryer, Portable refrigerator, Ice maker, etc.

We have more than 5000 employees and 50000 square meters production base, our output per year amounts to 20000 units. Pursuing the highest quality is the tenet of BIOBASE.



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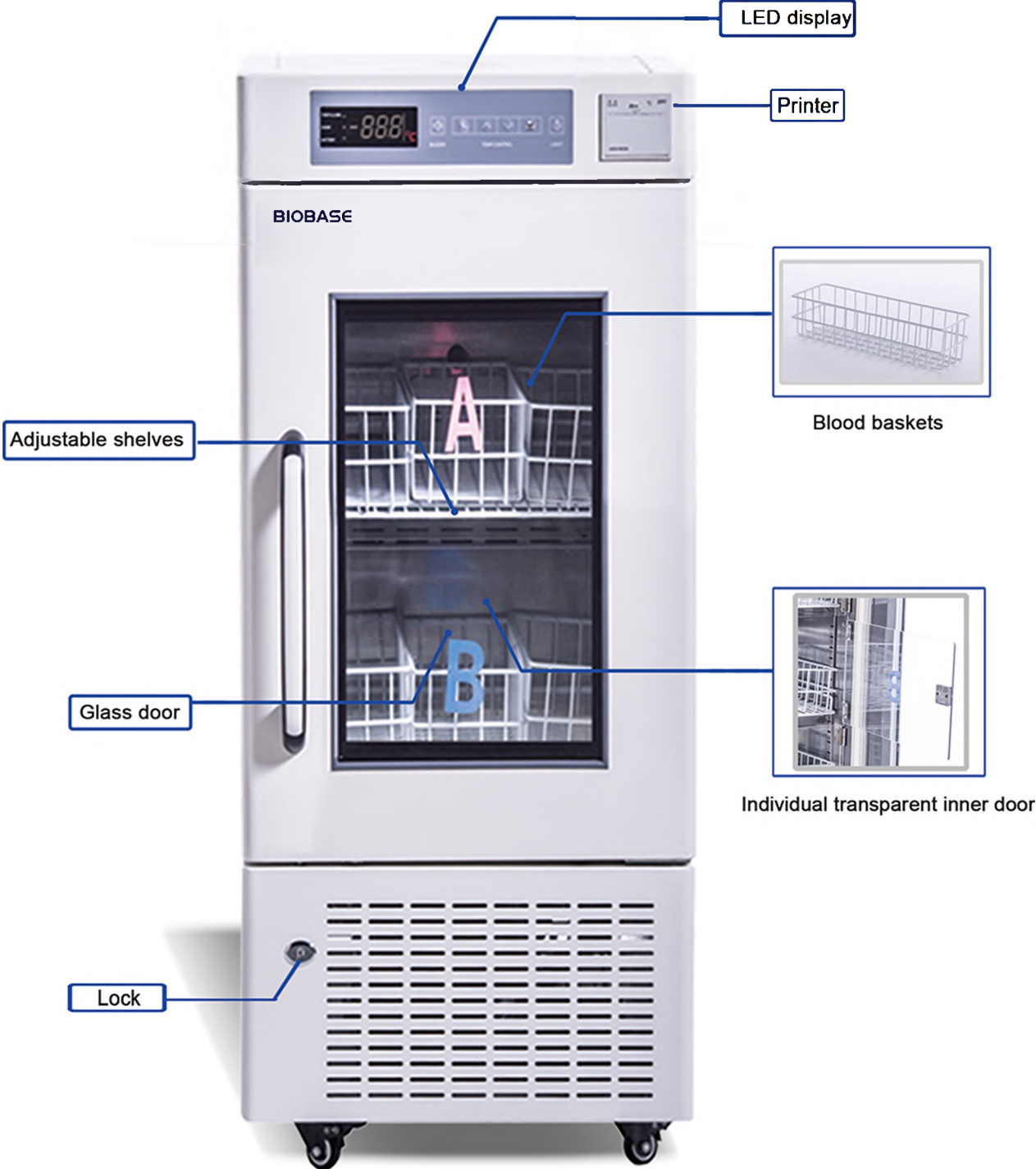


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Blood Bank Refrigerator(4±1°C)



Blood Bank Refrigerator

Advantage

1. Multiple sensors design: make sure the precise monitoring and programming.
2. Double layer transparent glass 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.



108L



160L



208L



250L

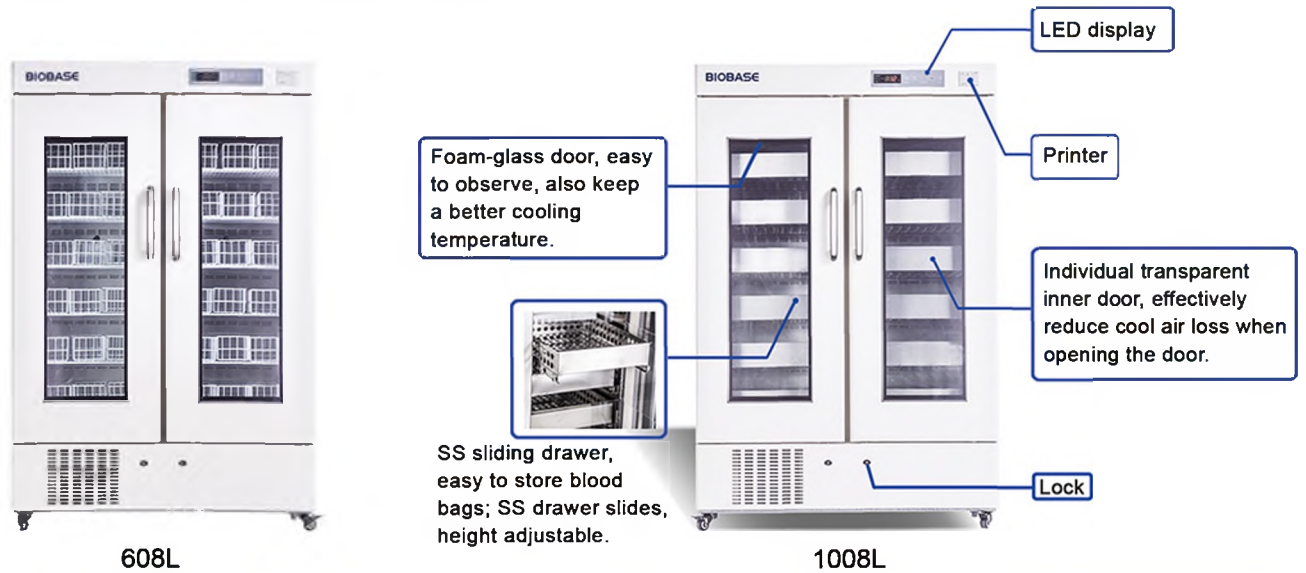


310L

Technical Parameters

Model	BBR-4V120	BBR-4V160	BBR-4V210	BBR-4V250	BBR-4V310
Capacity	108L	160L	208L	250L	310L
Temp. Range	4±1°C				
Temp. Accuracy	0.1°C				
Control System	Microprocessor control				
Display	LED display				
Alarm	Audio and visual alarm for: High or low temperature, Thermostat failure; Door ajar; Power outage alarm, Low battery alarm (only for BBR-4V120,210), Battery switch alarm(only for BBR-4V160,250,310)				
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	Auto defrost	Frostless design	Auto defrost	
Construction	Unibody Design, Mono-assembly foaming (Rigid polyurethane insulation material)				
Material	Internal Material	Stainless steel			
	External Material	Sprayed steel plate			
Door	Electric heating glass outer door; Acrylic inner door; Outer door with locking buckle				
Consumption	191W	257W	185W	380W	380W
Power Supply	AC110V/220V±10%, 50/60Hz				
Casters	4 casters				
Adjustable Shelves	2pcs	3pcs	4pcs	4pcs	5pcs
Baskets	6pcs	9pcs	12pcs	12pcs	15pcs
Blood Bags (450ml)	66pcs	99pcs	132pcs	156pcs	195pcs
Standard Accessory	Thermal printer , LED lamp, The temperture test box, probe access port, door key				
Optional Accessory	Temperature recorder				
External Size(W*D*H) mm	522*635*1030	530*593*1287	522*635*1530	630*666*1658	630*666*1886
Package Size(W*D*H)mm	700*585*1200	672*732*1501	590*700*1700	762*812*1866	762*812*2091
Gross Weight	95kg	104kg	120kg	145kg	167kg

Blood Bank Refrigerator



Technical Parameters

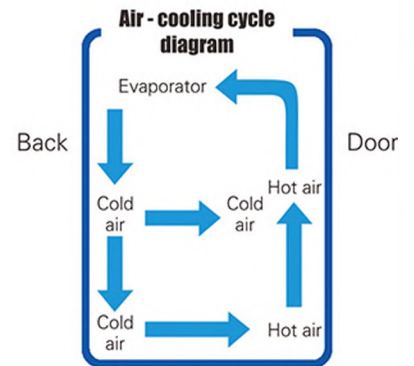
Model	BBR-4V608	BBR-4V1000
Capacity	608L	1008L
Temp. Range	4±1℃	
Temp. Accuracy	0.1℃	
Control System	Microprocessor control	
Display	LED display	
Alarm	Audio and visual alarm for: High or low temperature; Door ajar, Power outage failure, Low battery alarm, Thermostat failure	
Refrigeration Type	Forced 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	Sprayed steel plate
Door	Double layer transparent glass door with lock, Heating film preventing frosting, Sealing joint strip with magnetic force. Transparent plastic inner door	
Drawers/Shelves	Adjustable shelves	304 Stainless steel
Casters	4 casters	4 casters
Consumption	383W	510W
Power Supply	AC110V/220V±10%, 50/60Hz	
Blood Bags (450ml)	360 pcs	576 pcs
Standard Accessory	Temperature printer, 12 shelves, 36 baskets, LED lamp, probe access port, door key	Temperature printer, 12 drawers, LED lamp, probe access port, door key
Optional Accessory	Temperature recorder	
External Size(W*D*H) mm	1220*648*1885	1220*878*1885
Package Size(W*D*H) mm	1330*740*2120	1325*970*2130
Gross Weight	257kg	335kg

Laboratory Refrigerator(2-8°C)

Microprocessor control panel, Large digital display for ease of observation



Specialized refrigeration system using whisper quiet fan and compressor.



Adjustable shelves



Caster

Laboratory Refrigerator(2-8°C)

Microprocessor control panel,
Large digital display for ease
of observation

LED display

BIOBASE



Lock



Specialized refrigeration system using
whisper quiet fan and
compressor.

Adjustable
shelves



Caster



Laboratory Refrigerator



Technical Parameters

Model	BPR-5V160	BPR-5V250	BPR-5V310	BPR-5V588	BPR-5V1000
External Size(W*D*H) mm	500*550*1300	580*575*1810	620*575*1980	1220*630*1885	1220*860*1885
Capacity	130L	250L	310L	656L	1000L
Temp. Range	2°C~8°C				
Temp. Accuracy	0.1°C				
Control System	Microprocessor Control, Large Screen LED Display				
Alarm	Audible and visual alarm for: High and low temperature, Power failure alarm, Door ajar, Thermostat failure				
Refrigeration Type	Forced air refrigeration system				
Refrigerant	R600a, CFC Free			R134a, CFC Free	
Condenser & Evaporator	Bundy tube condenser				
Defrost	Manual defrost Auto defrost				
Construction	Structure	Unibody Design & Mono-assembly foaming (Rigid polyurethane insulation material)			Unibody Design & Mono-assembly foaming (Polyurethane cyclopentane insulation material)
	Internal Material	Embossed aluminum sheet			Spraying steel plate
	External Material	Spraying steel plate			
Shelves	4 pcs	4pcs	5 pcs	5 pcs	
Door	Glass door with electric heating				
Consumption	136W	170W	180W	560W	
Power Supply	AC220V±10%, 50/60Hz(only for BPR-5V160) ,AC110/220V±10%, 50/60Hz				
Standard Accessories	LED Lamp,USB port, probe access port(BPR-5V588 & BPR-5V1000)				
Optional Accessory	Temperature recorder, Temperature printer(USB port can not be selected at the same time), probe access port				
Package Size(W*D*H) mm	590*595*1380	670*650*1870	700*650*2030	1340*750*2100	1340*980*2100
Gross Weight	51kg	68kg	84kg	248kg	280kg

Laboratory Refrigerator



BPR-5V50(G)



BPR-5V100(G)

Technical Parameters

Model	BPR-5V50(G)	BPR-5V100(G)
External Size(W*D*H)mm	495*548*683	495*548*934
Internal Size(W*D*H)mm	415*405*455	415*405*706
Capacity	50L	100L
Temperature Range	2-8°C	
Temperature Accuracy	0.1°C	
Control System	Microprocessor Control	
Alarm	Audible and visual alarm for: High and low temperature,Door Ajar, Thermostat failure	
Refrigeration Type	Forced air refrigeration system	
Refrigerant	R600a	
Climate Type	N, SN	
Glass Door	Toughened with electric heating function,no condensation	
Construction	Constructure	Polyurethane cyclopentane foams
	Internal material	Spraying steel plate
	External material	Spraying steel plate
Consumption	85W	95W
Power Supply	AC220V±10%, 50/60Hz; AC110V±10%, 50/60Hz	
Shelves	2pcs, cold drawn steel wire impregnated shelf	3 pcs,cold drawn steel wire impregnated shelf
Door Lock	1 pcs	
Accessory	Standard: USB Port, LED Lamp Optional: temperature recorder, printer(USBport can not be selected at the same time)	
Package Size(W*D*H)mm	560*668*858	560*668*1109
Gross Weight(kg)	49	61

Laboratory Refrigerator



260L



360L

Technical Parameters

Model	BPR-5V260	BPR-5V360	
External Size(W*D*H) mm	540*635*1900	660*655*1980	
Capacity	260L	360L	
Temp. Range	2°C~8°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control, Large Screen LED Display		
Alarm	Audible and visual alarm for: High temperature & sensor failure, door ajar, Power failure alarm, Low battery alarm.		
Refrigeration Type	Forced air refrigeration system		
Refrigerant	R290, CFC Free		
Condenser & Evaporator	Bundy tube condenser		
Defrost	Frostless design		
Construction	Structure	Unibody design & mono-assembly foaming (Rigid polyurethane insulation material)	
	Internal material		HIPS engineering plastics, abrasion and acid resistant
	External material		Cold-rolled steel coated with anti-bacteria powder
Shelves	Adjustable shelves made of high quality steel wire		
	4 pcs	5 pcs	
Consumption	200W	350W	
Power Supply	AC220V±10%, 50/60Hz		
Standard Accessory	LED lamp & shelves, USB, probe access port, door keys		
Package Size(W*D*H) mm	600*670*2150	720*750*2150	
Gross Weight(kg)	87	124	

Laboratory Refrigerator



656L



1500L

Technical Parameters

Model	BPR-5V650	BPR-5V1500	
External Size(W*D*H) mm	1220*642*1885	1800*775*1965	
Capacity	656L	1500L	
Temp. Range	2~8°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control & Large Screen LED Display		
Alarm	Audible and visual alarm for: High and low temperature, Thermostat fault ,Door Ajar, Power Failure	Senor fault, door Ajar	
Refrigeration Type	Forced air refrigeration system		
Refrigerant	R290	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	Spraying steel plate	Stainless steel
	External Material	Spraying steel plate	Stainless steel
Shelves	Adjustable shelves made of high quality steel wire		
	10 pcs	12 pcs	
Consumption	385W	1040W	
Power Supply	AC110/220V±10%, 50/60Hz	AC110/220V±10%, 50/60Hz	
Standard Accessory	LED lamp, Shelves, Door keys, Testing hole, Battery		
Package Size(W*D*H) mm	1335*715*2000	1880*820*2150	
Gross Weight	189kg	319kg	

-25°C Freezer



BDF-25H305

Features

1. Digital temperature display.
2. The safety lock can prevent random opening.
3. Baskets made of steel wire are convenient to store articles.
4. Round corner design of doors and the body provides luxury and elegance.
5. Delayed start and safe stop interval between restart and being terminated, ensure reliable running.

Technical Parameters

Model		BDF-25H305
External Size(W*D*H) mm		1148*740*872
Capacity		305L
Temp. Range		-10°C~-25°C
Temp. Accuracy		0.1°C
Control System		Microprocessor control&LED display
Alarm		High or low temperature alarm, sensor failure alarm, thermostat alarm, power failure alarm
Refrigeration Type		Direct refrigeration
Refrigerant		R134a
Condenser&Evaporator		Internal-mounted condenser and finned evaporator
Construction	Structure	Whole foaming, freon cyclopentane/isopentane high density polyurethane foam
	Internal Material	Spraying steel plate
	External Material	Spraying steel plate
Basket		none
Consumption		106W
Power Supply		AC220V±10%,50/60Hz; AC110V±10%,60Hz
Package Size(W*D*H)mm		1223*777*1005
Gross Weight		87kg

-25°C Freezer



400L

Technical Parameters

Model	BDF-25V400	
External Size(W*D*H) mm	775*720*1900	
Capacity	400L	
Type	Vertical	
Temp.Range	-10°C~-25°C	
Temp. Accuracy	0.1°C	
Control System	Microprocessor control	
Alarm	High and low temperature alarm, sensor fault alarm and door opening alarm	
Cooling Method	Direct cooling	
Refrigerant	CFC free	
Condenser	Wire tube condenser	
Construction	Structure	Unibody design and thickened environmental protection foam insulation layer
	Internal Material	PS plate
	External Material	Pre-coated galvanized plate
Shelf / Drawer / Basket	6 shelves	
Consumption	330W	
Power Supply	AC220V±10%, 50HZ	
Package Size(W*D*H) mm	780*840*2008	
Gross Weight	105kg	



268L



328L



270L/350L

Technical Parameters

Model	BDF-25V268	BDF-25V328	BDF-25V270	BDF-25V350
External Size(W*D*H) mm	673*676*1630	673*676*1886	690*744*1631	690*744*1885
Capacity	268L	328L	270L	350L
Type	Vertical			
Temp. Range	-10°C~-25°C			
Temp. Accuracy	0.1°C			
Control System	Microprocessor Control & LED Display			
Alarm	High and low temperature; sensor failure; Door ajar alarm; Thermostat alarm		High or low temperature alarm, power outage alarm,Thermostat alarm,Door switch alarm	
Refrigeration Type	Direct Refrigeration			
Refrigerant	R290, CFC free			
Compressor	International famous compressor			
Condenser & Evaporator	Wire tube condenser; Coil type evaporator			
Construction	Structure	Unibody Design & Mono-assembly foaming (Rigid polyurethane insulation material)		
	Internal Material	Spraying steel plate		SUS304
	External Material	Spraying steel plate		Cold-rolled steel coated with bacterial powder
Shelve	4pcs	5pcs	3pcs	4pcs
Consumption	180W	180W	290W	305W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%,60Hz		220V±10%, 50Hz	
Package Size(W*D*H) mm	760*760*1750	750*760*2030	810*860*1820	810*860*2100
Gross Weight	114kg	125kg	155kg	170kg

-25°C Freezer (Separate Refrigerator)



265L



368L

Technical Parameters

Model	BDF-25V265	BDF-25V368
External Size(W*D*H) mm	576*641*1687	720*830*1870
Capacity	Upper:160L	Upper:189L
	Lower:105L	Lower:179L
Temp.Range	Upper: 2°C~8°C	Upper: 2°C~8°C
	Lower: -10°C~-25°C	Lower: -10°C~-25°C
Temp. Accuracy	0.1°C	
Control System	Microprocessor control	
Alarm	Sensor failure alarm, high or low temperature alarm,open the door alarm; Thermostat failure (for BDF-25V368)	
Cooling Method	Direct cooling	
Refrigerant	CFC free	
Condenser	Wire tube condenser	
Construction	Structure	Unibody design and thickened environmental protection foam insulation layer
	Internal Material	PS plate
	External Material	Pre-coated galvanized plate
Shelf / Drawer / Basket	Upper: 3 shelves, Lower: 4 drawers	Upper:3 plastic dipping shelves Lower:2 plastic dipping shelves, 6 PS drawers
Consumption	125W	300W
Power Supply	AC220V±10%, 50/60Hz	AC220V±10%, 50/60Hz; AC110V ±10%, 60Hz
Package Size(W*D*H) mm	656*696*1739	775*920*1990
Gross Weight	65kg	166kg

-40°C Freezer (Separate Refrigerator)



58L



90L



368L

Technical Parameters

Model	BDF-40V58	BDF-40V90	BDF-40V368
External Size(W*D*H)	540*620*1115mm	600*610*945mm	720*830*1870mm
Internal Size(W*D*H)	361*405*406mm	440*447*640mm	Upper:580*626*625mm Down:466*636*625mm
Capacity	58L	90L	Upper:189; Down:179L
Type	Vertical		
Temp. Range	-15°C~-40°C		Upper:2°C~8°C Down:-20°C~-40°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control LED Display		
Alarm	BDF-40V58: High or low temperature alarm,sensor failure alarm; BDF-40V90&BDF-40V368: High or low temperature alarm,sensor failure alarm,power failure alarm, door open alarm.		
Refrigeration Type	Direct Refrigeration		
Refrigerant	R404a and R23	R290	R600a and R290
Compressor	Unicompressor,imported famous brand compressor		
Material	Structure	Uniboday design	
	Internal	304 stainless steel	Sprayed steel plate
	External	Sprayed steel plate	
Shelf	1 pc shelf	2 pcs shelves	Upper:3 pcs shelves Down:2 pcs shelves and 6 drawers
Consumption	340W	252W	402W
Power Supply	AC220V±10%, 50/60HZ; AC110V±10%, 60Hz(except BDF-40V90)		
Package Size	610*690*1275mm	725*735*1160mm	775*920*1990
Gross Weight	98kg	83kg	166kg

-40°C Freezer



268L



328L



528L

Technical Parameters

Model	BDF-40V268	BDF-40V328	BDF-40V528
External Size(W*D*H)	673*676*1630mm	673*676*1886mm	900*819*1828mm
Internal Size(W*D*H)	508*455*1137mm	508*455*1393mm	651*631*635mm 651*631*635mm
Capacity	268L	328L	528L
Type	Vertical		
Temp. Range	-30°C~-40°C		-20~-40°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control LED Display		
Alarm	High or low temperature alarm, power failure alarm, door ajar alarm, thermostat failure alarm, sensor failure alarm (of BDF-40V528 without this alarm)		
Refrigeration Type	Direct Refrigeration		
Refrigerant	R290	R600a and R290	R290
Compressor	Unicompressor, imported famous brand compressor		
Material	Structure	Uniboday design	
	Internal	Sprayed steel plate	
	External	Sprayed steel plate	
Drawer/Shelf	3pcs shelves	3pcs shelves	18 drawers
Consumption	300W		340W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Package Size	760*760*1750mm	750*760*2030mm	930*970*2000mm
Gross Weight	118kg	132kg	184kg



268L/362L



408L

Technical Parameters

Model	BDF-40V268II	BDF-40V362	BDF-40V398
External Size(W*D*H)	690*744*1631mm	690*744*1885mm	850*960*1860mm
Internal Size(W*D*H)	520*567*1013mm	520*567*1266mm	550*630*1140mm
Capacity	268L	362L	408L
Type	Vertical		
Temp. Range	-15°C~-40°C		-10~-40°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor Control; LED Display		
Alarm	High or low temperature alarm, door ajar alarm, power failure alarm, sensor failure alarm		High or low temperature alarm, sensor failure alarm
Refrigeration Type	Direct Refrigeration		
Refrigerant	CFC free		
Compressor	International well-known brand		
Construction	Structure	Uniboday design	
	Internal Material	Stainless steel	
	External Material	Spraying steel plate	Painted steel panel, 150mm foaming insulation
Drawer/Shelf	3pcs shelves, Stainless Steel	4pcs shelves, Stainless Steel	3pcs shelves, Stainless Steel
Consumption	335W	360W	420W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz		
Package Size	810*860*1820mm	810*860*2100mm	935*1030*2030mm
Gross Weight	165kg	180kg	250kg

-40°C Freezer



105L



220L



320L



485L

Technical Parameters

Model	BDF-40H100	BDF-40H200	BDF-40H300	BDF-40H485
External Size(L*W*H) mm	680*580*935	1160*765*885	1530*765*885	1655*755*915
Capacity	105L	220L	320L	485L
Temperature Range	-10°C~-40°C	-15°C~-40°C		-20°C~-40°C
Temperature Accuracy	0.1°C			
Control System	Microprocessor Control, LED Display			
Alarm	BDF-40H100&BDF-40H485: High or low temperature alarm, sensor failure alarm, Power failure alarm, Temperature controller failure alarm BDF-40H200&BDF-40H300: High temperature alarm, sensor failure alarm			
Refrigeration Type	Direct Refrigeration			
Refrigerant	R290	R404a and R23		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	160W	380W	460W	295W
Power Supply	AC220V±10%, 50/60Hz; 110V±10%, 60Hz			
Package Size(L*W*H) mm	750*700*1040	1230*835*1055	1600*835*1055	1775*900*1060
Gross Weight	65kg	143kg	170kg	138kg

-60°C Freezer



60L



118L / 220L / 320L



458L

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	340W	400W	480W	520W
Power Supply	AC110V/220V±10%,50/60Hz				
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

-60°C Freezer



58L

108L

158L

398L

Technical Parameters

Model	BDF-60V58	BDF-60V108	BDF-60V158	BDF-60V398
External Size(W*D*H)mm	540*620*1115	700*730*1260	700*700*1580	850*960*1860
Internal Size(W*D*H)mm	361*405*406	460*460*510	460*455*800	550*630*1140
Capacity	58L	108L	158L	398L
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	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	450W	480W	500W	550W
Power Supply	AC110V/220V±10%,50/60Hz			
Package Size(W*D*H)mm	610*690*1275	785*800*1430	785*770*1750	935*1030*2030
Gross Weight	101kg	133kg	150kg	250kg

-86°C Freezer



838L



728L

Technical Parameters

Model	BDF-86V838	BDF-86V728
External Size(W*D*H) mm	1175*1075*1990	1260*890*2010
Internal Size(W*D*H) mm	894*718*1310	963*558*1350
Capacity	838L	728L
Type	Vertical	
Temp. Range	-40~-86°C	-40~-86°C
Temp. Accuracy	0.1°C	
Control System	Microprocessor control, LED Digital Display	Microprocessor control, LCD touch screen
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	2 sets
Condenser&Evaporator	Made of copper	
Construction	Structure	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	2
Shelf	3 pcs	3 pcs
Temp. Test Port	1,φ25mm	1,φ25mm
Consumption	1700W	935W
Power Supply	AC110V/220V±10%, 50/60Hz	
Standard Accessory	72 hours battery backup for power failure alarm; USB port	
Max. Optional Storage Racks	24*R255B	1-3 layers:18*R255B, Fourth layer:6*R264B
Max. Optional Boxes	600	504
Package Size (W*D*H) mm	1270*1100*2185	1320*970*2190
Gross Weight	430kg	401.5kg

-86°C Freezer



158L



338L



408L

Technical Parameters

Model	BDF-86V158	BDF-86V338	BDF-86V408	
External Size(W*D*H) mm	700*700*1580	880*980*1940	891*930*1945	
Internal Size(W*D*H) mm	460*455*800	488*607*1140	606*575*1180	
Capacity	158L	338L	408L	
Type	Vertical			
Temp. Range	-40~-86°C	-40~-86°C	-40~-86°C	
Temp. Accuracy	0.1°C	0.1°C	0.1°C	
Control System	Microprocessor control, LED Display	Microprocessor control, LCD touch screen	Microprocessor control, LED Display	
Audible and Visual Alarm	High and low temperature alarm, sensor fault alarm	High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking		
Refrigeration type	Optimized auto-cascade refrigerating system			
Refrigerant	R404a and R23	R290 and R170		
Compressor	1 set	2 sets	1 set	
Condenser&Evaporator	Made of copper			
Construction	Structure	120mm ultra-thick foam layer	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	3	2	2	
Shelf	2 pcs	3 pcs	3 pcs	
Temp. Test Port	1, φ18mm	1, φ25mm	1, φ25mm	
Consumption	650W	870W	890W	
Power Supply	AC110V/220V±10%, 50/60Hz			
Standard Accessory	/	72 hours battery backup for power failure alarm, USB port		
Max. Optional Storage Racks	/	12*R244B	The first and fourth floors: 8*R254B Second and third floor: 8*R244B	
Max. Optional Boxes	/	192	288	
Package Size (W*D*H) mm	800*780*1750	940*1070*2130	955*955*2100	
Gross Weight	155kg	305kg	291kg	



108L



340L

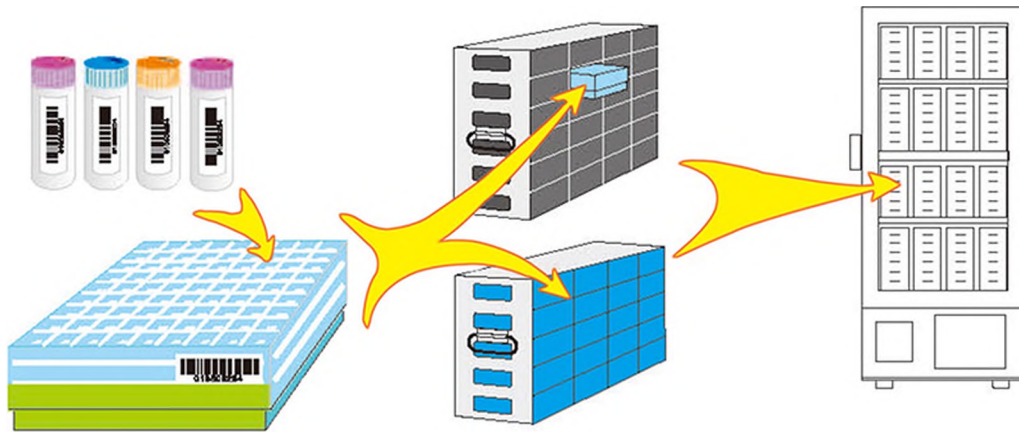


588L

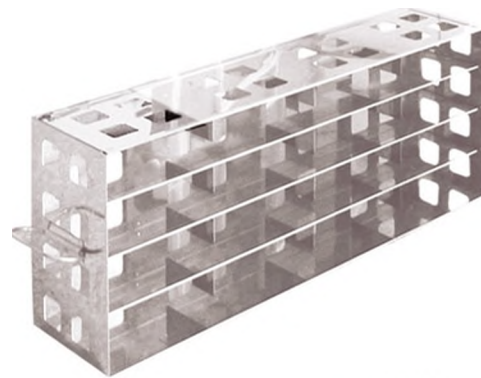
Technical Parameters

Model	BDF-86V108	BDF-86V340	BDF-86V588
External Size (W*D*H)mm	700*730*1260	875*980*1900	880*1080*2000
Internal Size (W*D*H)mm	460*460*510	488*607*1140	606*738*1310
Capacity	108L	340L	588L
Type	Vertical		
Temp.Range	-40°C~-86°C	-40°C~-86°C	-40°C~-86°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, LED display	Microprocessor control, LED display	Microprocessor control, LCD touch screen
Audio and Visual Alarm	High and low temperature, Sensor failure	High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking	
Refrigeration Type	Optimized auto-cascade refrigerating system	Direct refrigeration	
Refrigerant	R404a and R23	R290 and R170	
Compressor	1 set	1 set	2 sets
Condenser&Evaporator	Made of copper		
Construction	Structure	120mm 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	2	2
Shelf	1 pcs	3 pcs	3 pcs
Temp. Test Port	1, φ18mm	1, φ25mm	1, φ25mm
Consumption	520W	810W	815W
Power Supply	AC110V/220V±10%, 50/60Hz		
Standard Accessory	/	72 hours battery backup for power failure alarm, USB port	
Max. Optional Storage Racks	/	12*R244B	16*R255B
Max. Optional Boxes	/	192	400
Package Size (W*D*H)mm	785*800*1430	935*1070*2130	975*1140*2200
Gross Weight	133kg	283.5kg	368kg

Freezer Racks and Boxes



Material of Box:ABS
Size: 2"



Material of Box:Paper Characteristics
Size: 3"



Note:

"A" means side type rack; "B" means drawer type rack;

Technical Parameters

Name	Model	Specification	Dimension(W*D*H)mm	Capacity	Material
Racks	R255A	For 2 inch box, side type; 5 layer*5 row	137*692*292	25 units boxes 2"	SS 304
Racks	R255B	For 2 inch box, drawer type; 5 layer*5 row	142*693*290	25 units boxes 2"	SS 304
Racks	R335A	For 3inch box, side type; 3 layer*5 row	137*692*260	15 units boxes 3"	SS 304
Racks	R335B	For 3 inch box, drawer type; 3 layer*5 row	142*693*262	15 units boxes 3"	SS 304
Racks	R254A	For 2 inch box, side type; 5 layer*4row	137*555*292	20 units boxes 2"	SS 304
Racks	R254B	For 2 inch box, drawer type; 5 layer*4 row	142*556*290	20 units boxes 2"	SS 304
Racks	R244A	For 2 inch box, side type; 4 layer*4 row	137*555*234	16 units boxes 2"	SS 304
Racks	R244B	For 2 inch box, drawer type; 4 layer*4 row	142*556*233	16 units boxes 2"	SS 304
Racks	R334A	For 3 inch box, side type; 3 layer*4row	137*555*260	12 units boxes 3"	SS 304
Racks	R334B	For 3 inch box, drawer type; 3 layer*4 row	142*556*262	12 units boxes 3"	SS 304
Racks	R253A	For 2 inch box, side type; 5 layer*3row	137*418*292	15 units boxes 2"	SS 304
Racks	R253B	For 2 inch box, drawer type; 5 layer*3 row	142*419*290	15 units boxes 2"	SS 304
Racks	R11	For 2 inch box, hike type; 11 layer	140*147*630	11 units boxes 2"	SS 304
Racks	R8	For 2 inch box, hike type; 8 layer	140*147*462	8 units boxes 2"	SS 304
Racks	R10	For 2 inch box, hike type; 10 layer	140*147*574	10units boxes 2"	SS 304

Freeze Dryer

Laboratory Freeze Dryer

Introduction

The lab series freeze dryer is suitable for freeze drying test of laboratory biomedical samples. Widely used in drugs, biological products, chemical and food industries. On the heat-sensitive substances such as antibiotics, vaccines, blood products, hormones and other biological tissue enzymes, freeze-drying technology is applied.

Features

1. LCD touch screen.
2. With historical data inquiry function.
3. With USB interface to export the data.
4. Large capacity ice condenser trap and without coil inside.
5. With cascade refrigeration technology.
6. Pre-freezing shelf can be used as guide barrel to speed up the drying rate.
7. Ice condenser trap and operation panel are made by stainless steel.
8. Drying chamber is transparent which is visual and safe.
9. Shelves are stainless steel, which can be adjustable per the requirements.

Accessories



Standard Chamber



Stoppering Chamber



Standard Stoppering Chamber with 8 Port Manifold



Standard Chamber with 8 Port Manifold



Vacuum pump (standard)



LCD Touch Screen for BK-FD10/12 series



LCD Touch Screen for BK-FD18 series



Wide mouth flask (optional)

Pilot Freeze Dryer

Introduction

Biobase vacuum freeze dryer (square cabinet) is suitable for laboratory samples of freeze drying test, and a small amount of production.

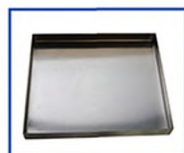
Features

1. Pre-freezing, drying in-situ, easy to operate, good drying effect.
2. Inflatable (discharge) valve adopts safety diaphragm valve, which can be connected to inert gas source, and is filled with inert gas after drying to extend the shelf life of the material.
3. Freeze-drying curve optimization control technology, which can control the cooling rate during the pre-freezing stage, and control the heating rate of the sample and the vacuum value of the current stage in the sublimation and analytical drying stages.
4. 7-inch true color touch screen.
5. Can save hundreds of process recipes, each group contains 50 temperature control sections to improve process optimization rate.
6. Intelligent data recording system, real-time recording and display of cold trap temperature curve, sample temperature curve, vacuum degree curve, export data can be browsed and printed by computer and various operations to facilitate process optimization and drying effect verification.
7. Flexible manual + automatic control mode, manual mode used for groping process, automatic mode used for batch production.
8. Real-time alarm display and historical alarm query function for fault diagnosis and equipment maintenance.
9. User level and password can be set and decentralized for operation management.

Accessories



Compressor



Tray



Clamp

Tabletop Freeze Dryer



BK-FD10S



BK-FD10P



BK-FD10T



BK-FD10PT

Technical Parameters

Model	BK-FD10S	BK-FD10P	BK-FD10T	BK-FD10PT
Type	Standard chamber	Standard chamber with 8 port manifold	Stoppering chamber	Stoppering chamber with 8 port manifold
Freeze Drying Area	0.12m ²		0.09m ²	
Tray	4/6(Optional)pcs		3pcs	
Height Between Trays	76/50mm		70mm	
Cold Trap Temperature	-60°C			
Cold Trap Capacity	6.9L			
Cold Trap Size (Diameter*H)	Φ215*190mm			
Vacuum Degree	<10Pa			
Water Capture Capacity	3kg/24h			
Tray Size (D*H)	Φ200*20mm		Φ200*20mm	
Freeze Drying Time	24h			
Loading Capacity/Shelf (Liquid)	0.3L			
Total Loading Capacity (Liquid)	1.2L		0.9L	
Drying Chamber Size (Diameter*H)	Lower circle φ260mm Upper circle φ240mm Height 450mm			
Total Qty. Of Vial Φ22	260		195	
Total Qty. Of Vial Φ16	480		360	
Total Qty. Of Vial Φ12	920		690	
Refrigerant	R600a+R290+R23			
Cooling System	Air cooling			
Power Consumption	0.9KW			
Power Supply	AC220V, 50/60Hz(single phase); 110V, 60Hz(single phase)			
Standard Accessory	Vacuum pump 2L/S, 8m ³ /h, Material tray, Material rack, PC cover (for all models) Conical-mouth flask 500ml*8 pcs, Switch valve*8 pcs (only for model BK-FD10P/PT)			
Optional Function & Accessory	Electric defrost function, Nitrogen gas filling valve, Oil mist filter (for all models) 800ml Wide-mouth flask (for BK-FD10P/PT)			
External Size (W*D*H)	600*560*374/820mm		600*560*374/880mm	
Package Size	Main Body	670*700*560 (80kg)		
(W*D*H) mm/	Drying Chamber	620*400*400 (15kg)		
Gross Weight	Vacuum Pump	570*360*240 (22kg)		

Vertical Freeze Dryer



Technical Parameters

Model	BK-FD12S(-60/-80)	BK-FD12P(-60/-80)	BK-FD12T(-60/-80)	BK-FD12PT(-60/-80)
Type	Standard chamber	Standard chamber with 8 port manifold	Stoppering chamber	Stoppering chamber with 8 port manifold
Freeze Drying Area	0.12/0.18m ²		0.09m ²	
Tray	4/6(Optional)pcs		3pcs	
Height Between Trays	76/50mm		70mm	
Cold Trap Temperature	≤-60℃/-80℃(Option)			
Cold Trap Capacity	9.3L			
Cold Trap Size(Dr*H)	Φ217*250mm			
Vacuum Degree	<10Pa			
Water Capture Capacity	4kg/24h			
Tray Size (D*H)	Φ200*20mm			
Freeze Drying Time	24h			
Loading Capacity/Shelf(Liquid)	0.3L			
Total Loading Capacity(Liquid)	1.2/1.8L		0.9L	
Drying Chamber Size(D*H)	Lower circle φ260mm Upper circle φ240mm Height 450mm			
Can Load Vials Qty	Φ22mm	260	195	
	Φ16mm	480	360	
	Φ12mm	920	690	
Refrigerant	R600a+R290+R23			
Cooling System	Air cooling			
Consumption	-60℃: 0.9kW -80℃: 1.5Kw (Option)			
Power Supply	220V/50Hz,60Hz (single phase);110V/60Hz (single phase, only for -60℃)			
Standard Accessory	-60℃ Cold trap, Vacuum pump 2L/S, 8m3/h, Material tray, Material rack, PC cover (for all models) Conical-mouth flask 500ml*8 pcs, Switch valve*8 pcs (only for model BK-FD12P/PT)			
Optional Function & Accessory	-80℃ Cold trap, Electric defrost function, Nitrogen gas filling valve, Oil mist filter (for all models) 800ml Wide-mouth flask (for BK-FD12P/PT)			
External Size(W*D*H)	480*620*920/1370mm			
Package Size	Main Body	730*600*1180mm (80kg)		
(W*D*H)mm /	Drying Chamber	620*400*400mm (15kg)		
Gross Weight	Vacuum Pump	570*360*240 (22kg)		



BK-FD18S



BK-FD18P



BK-FD18T



BK-FD18PT

Technical Parameters

BK-FD18S(-55/-80)	BK-FD18P(-55/-80)	BK-FD18T(-55/-80)	BK-FD18PT(-55/-80)
Standard chamber	Standard chamber with 8 port manifold	Stoppering chamber	Stoppering chamber with 8 port manifold
0.18m ²		0.09m ²	
4 pcs		3 pcs	
70mm			
≤-56°C/-80°C(Option)			
23L			
Φ270*400mm			
<5 Pa			
6kg/24h			
Φ240*18mm		Φ200*18mm	
18-36h			
0.45L		0.3L	
1.8L		0.9L	
Φ300*445mm	Φ300*465mm	Φ300*540mm	Φ300*570mm
-		183	
-		345	
-		615	
R404+R23			
Air cooling			
-56°C: 1.4kW, -80°C: 2.1.kW		-56°C: 1.4kW, -80°C: 2.1.kW	
AC220V, 50/60Hz(single phase), 110V, 60Hz(single phase)			
-56°C Cold trap ,Vacuum pump 4L/S, 14.4m ³ /h, Material rack, Material tray (for all models)			
Flasks 100mlx2, 250mlx2, 500mlx2, 1000mlx2 (only for model BK-FD18P/PT)			
-80°C, -110°C Cold trap, Anti-reverse oil stop valve, Oil mist filter, Import vacuum pump (for all models)			
Conical-mouth flask and wide-mouth flask (for BK-FD18P/PT)			
630×580×970/1415mm	630×580×970/1435mm	630×580×970/1510mm	630×580×970/1810mm
790*690*1200mm (148kg)			
420*420*560/mm (14kg)	430*430*660mm (26kg)		
620*370*450 (32kg)			

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 ²		0.2m ²		0.4m ²		0.3m ²		
Shelf Temperature	-50°C~+70°C(no-loading)								
Cold Trap Temperature	<-75°C(no-loading)								
Vacuum Degree	≤5 Pa(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 Tray: 395*265*25mm				Shelf: 300*340*18mm Tray: 295*335*25mm				
Qty. Of Shelf & Tray	Shelf: 3+1, Tray: 3		Shelf: 2+1, Tray: 2		Shelf: 4+1, Tray: 4		Shelf: 3+1, Tray: 3		
Sample Loading Capacity (Liquid)	3L		2L		4L		3L		
Height Between Trays	70mm		/		50mm		70mm		
Tray Temperature Difference	±1°C								
Refrigerant	R404A + R23								
Condenser Cooling Mode	Air cooling								
Defrost Mode	Electric defrosting				Natural defrosting (option electric defrosting)		Electric defrosting		
Stoppering Mode	/		manual		/		automatic		
Total Qty. Of Vial	Φ22mm	/	440		/		654		
	Φ16mm	/	868		/		1200		
	Φ12mm	/	1554		/		2187		
Vacuum Pump	4L/S(14.4m ³ /h)				6L/S(22m ³ /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		3KW		4.5KW		5.5KW		
Power Supply	AC220V, 50Hz/60Hz (single phase)								
Main Body Weight	300kg				400kg				
External Size(W*D*H) mm	840*750*1580mm		840*750*1580mm		920*780*1350mm		1260*850*1420mm		
Package Size(W*D*H)mm	Main Body	980*860*1720mm/400kg		980*860*1720mm/470kg		1100*980*1570mm/450kg		1440*1070*1720mm/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



BK-FD50S



BK-FD50T



BK-FD100S



BK-FD100T

Technical Parameters

BK-FD50S(Standard)	BK-FD50T(Stoppering)	BK-FD100S(Standard)	BK-FD100T(Stoppering)
0.7m ²	0.5m ²	1.04m ²	1.15m ²
-50°C~+70°C(no-loading)			
<-75°C(no-loading)			
≤5 Pa(no-loading)			
≥10kg		≥15kg	
/	70L		
/	φ400*560mm		
410*510 *590 mm	620*510*580mm	410*580*520mm	700*590*760mm
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
Shelf: 4+1, Tray: 4	Shelf: 3+1, Tray: 3	Shelf: 6+1, Tray: 6	Shelf: 4+1, Tray: 4
7L	5L	10L	11L
70mm			100mm
±1°C			
R404A + R23			
Air cooling			
Natural defrosting (option electric defrosting)	Electric defrosting	Electric defrosting	Electric defrosting
/	automatic	/	automatic
/	1050	/	2460
/	2058	/	4788
/	3075	/	8624
8L/S(29m ³ /h)		15L/S(54m ³ /h)	
/	1000W	1500W	
1000W		1600W	
/	1000W	/	1500W
5.5KW	6.5KW	6.5KW	7.5KW
AC380V, 50Hz/60Hz (three phase) BK-FD50S:AC220V, 50Hz/60Hz (single phase)			
600kg	800kg	700kg	1000kg
1000*850*1420mm	1490*850*1620mm	1170*830*1665mm	1640*1100*1630mm
1130*980*1620mm /565kg	1600*1040*2040mm /800kg	1320*990*1855mm /900kg	1800*1250*2100mm /1200kg
790*330*445mm (73kg)	830*370*600mm (88kg)	785*455*300mm (95kg)	800*500*500mm (70kg)

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

Car Refrigerator



CR-19

Features

1. Removable tray for extra storage.
2. Environment-friendly semiconductor cooling, low noise.

Technical Parameters

Model	CR-19
Display	LED
Capacity	19L
Temp. Range	Cooling:22~25°C lower than the ambient temperature; Heating:60±5°C
Consumption	Cooling:70W; Heating:60W
Power Supply	DC12V/24V, AC220V, 50Hz; 110V, 50Hz
External Size(W*D*H) mm	465*315*340
Internal Size(W*D*H) mm	380*180*250
Package Size(W*D*H) mm	510*360*390
Gross Weight	7.5kg

Portable Refrigerator



BJPX-L5



BJPX-L6



BJPX-L8



BJPX-L12



BJPX-L15



BJPX-L33/55



BJPX-L65/85

Technical Parameters

Model	BJPX-L5	BJPX-L6	BJPX-L8	BJPX-L12
Outer Size(mm)	266*215*225	330*235*275	335*225*205	400*250*300
Inner Capacity	5L	6L	8L	12L
Product Configuration	1pc refrigerator; 4 pcs Crystal storage ice box 400ml; 1pc digital thermometer (no recording function); BJPX-L8 has extra 1 pc tray; BJPX-L12 has extra 1 pc tray; BJPX-L12 has 6 pcs Crystal storage ice box 400ml			
Insulation Material	PU		EPS	PU
Optional	1 set of temperature and humidity recorder + 1 set of printer			
Gross Weight	6kg (4pcs in one box)	7kg (2pcs in one box)	6kg (2pcs in one box)	8kg (1pc in one box)
Packing Size	560*405*395mm	560*405*395mm	560*405*395mm	560*405*395mm

Model	BJPX-L15	BJPX-L33	BJPX-L55	BJPX-L65	BJPX-L85
Outer Size(mm)	405*310*308	530*325*340	640*395*395	620*485*375	640*520*375
Inner Capacity	15L	33L	55L	65L	85L
Product Configuration	1pc refrigerator; Crystal storage ice box 400ml; 1pc digital thermometer (no recording function)				
Qty Of Crystal Storage Ice Box(pc)	6	12	12	15	12
Insulation Material	PU				
Optional	1 set of temperature and humidity recorder + 1 set of printer				
Gross Weight(kg)	8.5(1pc in one box)	6(1pc in one box)	7(1pc in one box)	9(1pc in one box)	9.5(1pc in one box)
Packing Size(mm)	560*405*395	550*340*360	660*405*405	640*505*395	660*540*395

Remark: The outside temperature is below +43°C, and the inside temperature of 2-8°C can be maintained for about 24 hours

Biosafety Transport Box



BTB-L5/L8



BTB-L6



BTB-L12



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-L5	BTB-L8	BTB-L6	BTB-L12
External Size(W*D*H)	266*215*225mm	335*225*205mm	330*235*275mm	400*250*300mm
Internal Size(W*D*H)	200*142*165mm	295*167*168mm	240*145*180mm	330*170*230mm
Capacity	5L	8L	6L	12L
Storage Time (Ambient 48°C)	2-8 °C:24h (Below 43°C)			
Internal Materials	PP			
External Materials	PE			
Insulation Material	EPS		PU polyurethane integral foaming	
Number of Specimens	19 samples at one time	38 samples at one time	19 samples at one time	38 samples at one time
Freezing Characteristics	When frozen into solid, the maximum thickness of the cold source is not more than 15% of the unfrozen thickness			
Ice Source Materials	Polyethylene efficient cold source, firm and safe, no irritation to skin			
Standard Accessory	One cabinet,one handle		One cabinet, one digital thermometer and one strap	
	One 95kpa biosafety transport tank, one	Two 95kpa biosafety transport tanks, two	One 95kpa biosafety transport tank, one	Two 95kpa biosafety transport tanks, two
	sponge reagent tube holder, one adsorption	sponge reagent tube holders, two adsorption	sponge reagent tube holder, one adsorption	sponge reagent tube holders, two adsorption
	cotton and two crystal	cotton sheets, four crystal	cotton and four crystal	cotton sheets, six crystal
	ice storage boxes	ice storage boxes	ice storage boxes	ice storage boxes, one clapboard and one tray
	Package Size(W*D*H)	560*405*395mm		
Gross Weight	2.6kg	3.5kg	3.82kg	4.79kg

Flake Ice Maker



FIM20/30/40/50



Small particles of irregular snow ice



FIM60/70/85



FIM100/120/150



FIM200/250

Technical Parameters

Model	FIM20	FIM30	FIM40	FIM50	FIM60	FIM70	FIM85
Ice Making Capacity(kg/24h)	20	30	40	50	60	70	85
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		
Model	FIM100	FIM120	FIM150	FIM200	FIM250		
Ice Making Capacity(kg/24h)	100	120	150	200	250		
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		
Gross Weight(kg)	82		84		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
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 (W*D*H)mm	Head Size 560*550*570 Ice Tank Size 570*830*1020	600*760*740 770*765*11130
Package Size (W*D*H)mm	Head Size 640*660*890 Ice Tank Size 640*860*990	700*850*995 860*870*1050

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