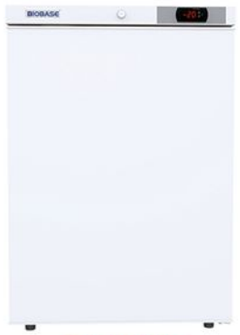
-25℃ Freezer



BDF-25V100



BDF-25V270



BDF-25V350



BDF-25V936

Technical Parameters

Model	BDF-25V100	BDF-25V270	BDF-25V350	BDF-25V936
Capacity	100L	270L	350L	936L
Temp. Range	-10~-25℃			
Temp. Accuracy	1℃	0.1℃		
Temp. Uniformity	≤3℃			5℃
Temp. Stability	≤3℃			5℃
Recovery Time (Recover to -22℃ in an ambient temp. of 25℃)	≤15min			
Cooling Time (Cool down to -25℃ in an ambient temp. of 25℃)	≤1.5h			150min
Control System	Microprocessor control			
Display	LED			

Technical Parameters

Model		BDF-25V100	BDF-25V270	BDF-25V350	BDF-25V936
Alarm		High/low temperature alarm, power failure alarm(Power failure alarm duration function is optional), controller failure alarm, door ajar alarm	High/low temperature alarm, power failure alarm(8h), controller failure alarm, door ajar alarm		High/low temperature alarm, power failure alarm(48h), controller failure alarm, door ajar alarm
Refrigeration Type		Direct-cooling			
Refrigerant		R600a/48g	R290/65g	R290/85g	R404A/320g
Compressor		International famous brand compressor /1			Imported brand SECOP compressor/2
Condenser & Evaporator		Side-panel type Bundy tube condenser; wire-on-tube Bundy tube evaporator	Wire-on-tube Bundy tube condenser; Built-in coil type copper tube evaporator		Finned copper tube condenser; built-in coil type copper tube evaporator
Defrost		Manual defrost			
Construction		Polyurethane cyclopentane foam			
Material	Internal Material	HIPS	304 stainless steel		
	External Material	Precoated steel plate	Sprayed steel plate		
Door		Outer door: cyclopentane integral foam outer door*1 Interior door: /	Outer door: cyclopentane integral foam outer door*1 Interior door: sprayed steel plate door*4	Outer door: cyclopentane integral foam outer door*1 Interior door: sprayed steel plate door*5	Outer door: sprayed steel plate outer door*1 Interior door: 304 stainless steel door*4
Consumption		100W	332W	312W	1000W
Power Supply		AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional)			AC 220V, 50Hz (Standard); 220V, 60Hz; 110V, 50/60Hz(Optional)
Casters		No	Yes		
Shelf		3(Drawer)	3	4	3
Standard Accessory		Test hole	Test hole, USB interface		Test hole
Optional Accessory		Temperature recorder	Temperature recorder, RS485, printer		Temperature recorder, liquid nitrogen backup system, remote alarm function interface, USB interface
Internal Size (W*D*H)		410*440*630mm	520*567*1013mm	520*567*1266mm	1000*700*1335mm
External Size (W*D*H)		600*620*870mm	690*744*1631mm	690*744*1885mm	1304*1000*2017mm
Package Size (W*D*H)		640*660*1060mm	810*860*1820mm	840*860*2050mm	1355*1000*1980mm
Net Weight		37.5kg	115kg	123kg	378kg
Gross Weight		46kg	132kg	145kg	413kg

-30℃ Freezer



BDF-30V368D

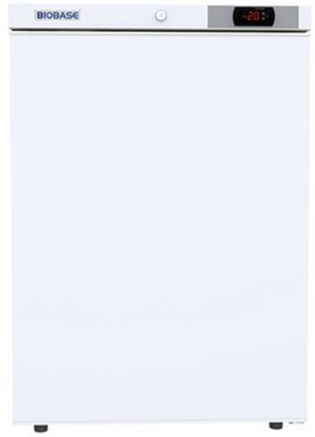


BDF-30V528D

Technical Parameters

Model		BDF-30V368D	BDF-30V528D
Capacity		368L	528L
Temp. Range		-10~-30℃	
Temp. Accuracy		0.1℃	
Temp. Uniformity		≤3℃	
Temp. Stability		≤3℃	
Recovery Time (Recover to -27℃ in an ambient temp. of 25℃)		≤15min	
Cooling Time (Cool down to -30℃ in an ambient temp. of 25℃)		≤1.5h	
Control System		Microprocessor control	
Display		LED display	
Alarm		High/low temperature alarm, power failure alarm(72h), controller failure alarm, door ajar alarm	
Refrigeration Type		Direct-cooling	
Refrigerant		Upper chamber: R290, 50g; Lower chamber: R290, 50g	Upper chamber: R290, 62g; Lower chamber: R290, 62g
Compressor		International famous brand compressor/2	
Condenser & Evaporator		Wire-on-tube Bundy tube condenser; built-in coil type copper tube evaporator	
Defrost		Manual defrost	
Construction		Polyurethane cyclopentane foam	
Material	Internal Material	304 stainless steel	
	External Material	Sprayed steel plate	
Door		Outer door: cyclopentane integral foam outer door*2 Inner door: optional	
Consumption		718W	821W
Power Supply		AC 220V, 50Hz(Standard); 220V, 60Hz, 110V, 60Hz(Optional, external transformer)	
Casters		Yes	
Shelf		4	
Standard Accessory		Test hole*2, USB interface	
Optional Accessory		RS485 interface, inner door, temperature recorder	
Internal Size (W*D*H)	Upper Chamber	580*575*563mm	720*649*563mm
	Lower Chamber		
External Size (W*D*H)		750*736*1884mm	890*810*1884mm
Package Size (W*D*H)		890*880*2100mm	1030*950*2100mm
Net Weight		153kg	177kg
Gross Weight		168kg	200kg

-40℃ Freezer(Economic Type)



Technical Parameters

Model		BDF-40V100
Capacity		100L
Temp. Range		-20~-40℃
Temp. Accuracy		1℃
Temp. Uniformity		≤2℃
Temp. Stability		≤3℃
Control System		Microprocessor control
Display		LED
Alarm		High/low temperature alarm, door ajar alarm
Refrigeration Type		Direct-cooling
Refrigerant		R290/48g
Compressor		International famous brand compressor /1
Condenser & Evaporator		Bundy tube, side plate type; wire, tube type
Defrost		Manual defrost
Construction		Polyurethane cyclopentane foam
Material	Internal Material	HIPS
	External Material	Precoated steel plate
Door		1/Cyclopentane monolithic foam door
Consumption		110W
Power Supply		AC 220V, 50Hz(Standard); 220V, 60Hz, 110V, 60Hz(Optional, external transformer)
Casters		Roller*2+leveling foot*2
Adjustable Drawer		3
Standard Accessory		Test hole, shelf
Internal Size (W*D*H)		410*440*630mm
External Size (W*D*H)		600*620*870mm
Package Size (W*D*H)		640*660*1060mm
Net Weight		38kg
Gross Weight		49kg