

-40°C Freezer



BDF-40V58



BDF-40V90



BDF-40V208



BDF-40V268

Technical Parameters

Model	BDF-40V58	BDF-40V90	BDF-40V208	BDF-40V268
Capacity	58L	90L	208L	268L
Temp. Range	-15~-40℃			
Temp. Accuracy	0.1℃			
Temp. Uniformity	≤4℃			
Temp. Stability	≤4℃			
Recovery Time (Recover to -37℃ in an ambient temp. of 25℃)	40min	≤15min	≤30min	
Cooling Time (Cool down to -40℃ in an ambient temp. of 25℃)	50min	≤1.5h	≤4h	
Control System	Microprocessor control			
Display	LED			
Alarm	High and low temperature alarm, thermostat fault alarm	High and low temperature alarm, thermostat fault alarm, door switch alarm, power failure alarm(8h)		
Refrigeration Type	Direct-cooling			
Refrigerant	R404A/R23/150g	R290/43g	R290/75g	R290/75g
Compressor	International famous brand compressor /1			
Condenser & Evaporator	Finned copper tube condenser; built-in coil type copper tube 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: sprayed steel plate outer door*1 Interior door: 304 stainless steel door*1	Outer door: sprayed steel plate outer door*1 Interior door: cold plate spray door*3	Outer door: sprayed steel plate outer door*1 Interior door: cold plate spray door*4	
Consumption	290W	252W	284W	286W
Power Supply	AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional)	AC 220V, 50Hz(Standard); 220V, 60Hz, 110V, 60Hz (Optional, external transformer)	AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional, external transformer)	AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional)
Casters	Yes			
Shelf	1	2	3	
Standard Accessory	Test hole, USB interface			
Optional Accessory	Temperature recorder, RS485	Temperature recorder, RS485, printer		
Internal Size(W*D*H)	364*405*410mm	440*447*640mm	520*453*1013mm	520*567*1013mm
External Size(W*D*H)	540*620*1115mm	600*610*945mm	690*630*1631mm	690*744*1631mm
Package Size(W*D*H)	Plywood case: 670*760*1290mm Honeycomb cardboard box: 590*785*1320mm	730*730*1140mm	840*750*1810mm	810*860*1820mm
Net Weight	58kg	63kg	112kg	115kg
Gross Weight	73kg	82kg	133kg	140kg