

-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/low temperature alarm, controller failure alarm	High/low temperature alarm, power failure alarm(8h), controller failure alarm, door ajar alarm		
Refrigeration Type		Direct-cooling			
Refrigerant		R290/70g	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)		670*760*1290mm	730*730*1140mm	840*750*1810mm	810*860*1820mm
Net Weight		78kg	63kg	112kg	115kg
Gross Weight		98kg	82kg	133kg	140kg