

-86°C Freezer



BDF-86V58

BDF-86V108

BDF-86V160

Technical Parameters

Model	BDF-86V58		BDF-86V108	BDF-86V160
External Size(W*D*H) mm	635*757*1212		700*730*1260	700*700*1580
Internal Size(W*D*H) mm	330*453*410		460*460*510	460*455*800
Capacity	58L		108L	158L
Type	Vertical			
Temp. Range	-40℃~-86℃			
Temp. Accuracy	0.1℃			
Control System	Microprocessor control, LED Digital Display			
Audible and Visual 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. (BDF-86V58)			
	High and low temperature, sensor failure. (BDF-86V108 BDF-86V160)			
Alarm Method	Sound beeps and lights flash			
Refrigeration Type	Direct refrigeration		Optimized auto-cascade refrigerating system	
Refrigerant	R290 and R170		R404a and R23	
Compressor	1 set			
Condenser& Evaporator	Made of copper			
	Foam Layer Thickness	150mm	120mm	
Construction	Internal Material	304 stainless steel		
	External Material	Sprayed steel plate		
Door	Lockable door			
Caster	4 casters			
Chamber with Inner Door	1	2	3	
Shelf	1pcs	1pcs	2pcs	
Temp. Test Port	1, Φ25mm	1, Φ18mm	1, Φ18mm	
Consumption	442W	520W	650W	
Power Supply	AC110V/220V±10%, 50/60Hz			
Package Size (W*D*H) mm	730*845*1400	785*800*1430	800*780*1750	
Gross Weight	155kg	133kg	155kg	



338L

340L

408L

Technical Parameters

Model	BDF-86V338		BDF-86V340	BDF-86V408
External Size(W*D*H) mm	880*980*1940		875*980*1900	891*930*1945
Internal Size(W*D*H) mm	488*607*1140		488*607*1140	606*575*1180
Capacity	338L		340L	408L
Type	Vertical			
Temp. Range	-40~-86℃			
Temp. Accuracy	0.1℃			
Control System	Microprocessor control, LCD touch screen		Microprocessor control, LED 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	Optimized auto-cascade refrigerating system		Direct refrigeration	Optimized auto-cascade refrigerating system
Refrigerant	R290 and R170		R290 and R170	
Compressor	2 sets		1 set	
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			
Consumption	870W		810W	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*LD4×4		12*LD4×4	16*LD4×4
Max. Optional Boxes	192		192	256
Package Size (W*D*H) mm	940*1070*2130		935*1070*2130	
Gross Weight	305kg		283.5kg	291kg