

-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
	Internal Material	SS 304	150mm ultra-thick foam layer
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 288
Max. Optional Boxes	/	192	
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