

-86°C Freezer



158L



338L



408L

Technical Parameters

Model	BDF-86V158	BDF-86V338	BDF-86V408
External Size(W*D*H) mm	700*700*1580	854*1072*1907	872*1028*1945.5
Internal Size(W*D*H) mm	458*430*788	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 temperature, Sensor failure	High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking	
Refrigeration type	Direct refrigeration		
Refrigerant	Mixture refrigerant	Mixture refrigerant	Mixture refrigeration
Compressor	1 set	2 sets	1 set
Condenser&Evaporator	Made of copper		
Construction	Structure	Unibody design & Mono-assembly foaming (Rigid polyurethane insulation material)	
	Internal Material	SS 304	
	External Material	Cold-rolled steel with anti-bacteria powder coating	
Door	Lockable door		
Caster	4 casters		
Chamber with Inner Door	3	4	4
Shelf	2 pcs	3 pcs	3 pcs
Temp. Test Port	1, φ30mm	1, φ25mm	1, φ25mm
Consumption	480W	870W	735W
Power Supply	AC110V/220V±10%, 50/60Hz		
Standard Accessory		72 hours battery backup for power failure alarm	
Optional Storage Racks and Boxes		12 racks: 4*4 192 Boxes	8 racks: 5*4; 8 racks: 4*4 288 boxes
Package Size (W*D*H) mm	800*780*1720	935*1070*2128	954*955*2094
Gross Weight	155kg	306kg	293kg



108L



348L



588L

Technical Parameters

Model	BDF-86V108	BDF-86V348	BDF-86V588
External Size (W*D*H)mm	700*730*1260	869*989*1924	891*1155*1994.5
Internal Size (W*D*H)mm	460*460*510	490*612*1150	606*738*1310
Capacity	108L	348L	588L
Type	Vertical		
Temp. Range	-40°C~-86°C	-60°C~-86°C	-40°C~-86°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, LED display	Microprocessor control, LCD touch screen	
Audio and Visual Alarm	High and low temperature, Sensor failure	High and low temperature, Power failure, Door ajar, Thermostat failure	High and low temperature, Sensor failure, Door ajar, Power failure, Voltage abnormal, Ambient temperature abnormal, Low voltage, Filter blocking
Refrigeration Type	Direct refrigeration		
Refrigerant	Mixture refrigerant		
Compressor	1 set	2 sets	2 sets
Condenser&Evaporator	Made of copper		
Construction	Structure	Unibody design & Mono-assembly foaming (Rigid polyurethane insulation material)	
	Internal Material	SS 304	
	External Material	Cold-rolled steel with anti-bacteria powder coating	
Door	Lockable door		
Caster	4 casters		
Chamber with Inner Door	2	2	2
Temp. Test Port	1, φ20mm	1, φ23mm	1, φ25mm
Consumption	450W	850W	815W
Power Supply	AC110V/220V±10%, 50/60Hz	AC220V±10%, 50/60Hz	AC110V/220V±10%, 50/60Hz
Standard Accessory	USB port		
Optional Accessory	Storage Racks and Boxes	no	12 racks:4*4 192 boxes
			16 racks:5*5 400 boxes
Package Size (W*D*H)mm	785*800*1430	929*1049*2150	970*1138*2185
Gross Weight	133kg	200kg	363.5kg