

-86°C Freezer



158L



340L



936L



100L



398L



540L

TECHNICAL PARAMETERS

Model	BDF-86V158	BDF-86V340	BDF-86V936
External Size(W*D*H) mm	700*700*1580	855*1006*1917	1240*1000*2000
Internal Size(W*D*H) mm	460*455*800	490*607*1140	1000*700*1335
Capacity	158L	340L	936L
Type	Vertical		
Temp. Range	-40 ~ -86°C	-60 ~ -86°C	-40 ~ -86°C
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, LED Display		
Audible 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	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	3	4	4
Shelf	2 pcs	3 pcs	3 pcs
Temp. Test Port	1, φ30mm	2, φ25mm	1, φ18mm
Consumption	650W	1200W	1600W
Power Supply	AC220V±10%, 50/60Hz		
Standard Accessory	72 hours battery backup for power failure alarm		
Optional Storage Racks and Boxes	12 racks: 4*4		24 racks: 5*5
	192 Boxes		600 Boxes
Package Size (W*D*H) mm	780*800*1710	935*1070*2128	1350*1080*2150
Gross Weight	155kg	220kg	330kg

TECHNICAL PARAMETERS

Model	BDF-86V100	BDF-86V540	BDF-86V398
External Size(W*D*H) mm	1000*720*793	840*918*1984	785*1064*1959
Internal Size(W*D*H) mm	450*450*500	Upper: 695*600*588 Down: 695*600*588	440*696*1266
Capacity	100L	540L	398L
Type	Vertical		
Temp. Range	-10 ~ -86°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, Large Screen LED Display		Microprocessor control, LCD touch screen
Audio and Visual Alarm	High and low temperature, System failure, Door ajar, Sensor failure, Low voltage, Filter blocking, Power failure(only for BDF-86V100 and BDF-86V540)		
Refrigeration Type	Direct refrigeration		
Refrigerant	Mixture refrigerant		
Compressor	1 set	2 sets	1 set
Condenser&Evaporator	Made of copper		
Construction	Structure	Unibody design, two-time foaming technology, 100~155mm foaming insulation, with VIP+SS304	
	Internal Material	SS304	
	External Material	Cold-rolled steel coated with anti-bacteria powder	
Door	Lockable door		
Caster	4 casters		
Chamber with Inner Door	2	4	4
Temp. Test Port	1, φ40mm	1, φ40mm	2, φ40mm
Consumption	800W	1800W	1000W
Power Supply	AC220V±10%, 50/60Hz		
Standard Accessory	Temperature printer, record 7 days data, 72 hours battery backup for printer and controller display		USB port
Optional	Back-up System	CO ₂ Back-up system	
	Storage Racks and Boxes	3 racks: 4*3	8 racks: 5*5
Accessory	3 racks: 3*3	8 rack: 4*5	300 Boxes
	63 Boxes	360 Boxes	
Package Size(W*D*H) mm	1220*890*1010	990*1100*2230	850*1122*2062
Gross Weight	140kg	360kg	360kg