

### -86°C Freezer



#### Technical Parameters

Model	BDF-86V588	BDF-86V728	BDF-86V838
External Size(W*D*H) mm	880*1080*2000	1260*890*2010	1175*1075*1990
Internal Size(W*D*H) mm	606*738*1310	963*558*1350	894*718*1310
Capacity	588L	728L	838L
Type	Vertical		
Temp. Range	-40°C~-86°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, LCD touch screen		Microprocessor control, LED Digital 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	Direct refrigeration		
Refrigerant	R290 and R170		
Compressor	2 sets		
Condenser&Evaporator	Made of copper		
Construction	Structure	150mm ultra-thick foam layer	100mm 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	1, φ25mm	1, φ25mm
Consumption	815W/760VA	935W/800VA	1700W/1400VA
Power Supply	AC110V/220V±10%, 50/60Hz		
Standard Accessory	72 hours battery backup for power failure alarm, USB port		
Optional Accessory	/	/	Printer
Max. Optional Storage Racks	16*LD5×5	24*LD5×4	24*LD5×5
Max. Optional Boxes	400	480	630
Package Size (W*D*H) mm	975*1140*2200	1320*970*2190	1270*1100*2185
Gross Weight	368kg	401.5kg	430kg

### -86°C Freezer



#### Technical Parameters

Model	BDF-86H50	BDF-86H118
Capacity	50L	118L
Refrigeration Type	Direct refrigeration	
Defrosting Type	Manual	
Refrigerant/g	Mixed refrigerant, CFC free	
Noise	60dB(A)	
Ambient Temp.	10~32°C	
Temp. Range	-40°C~-86°C	
Evaporator	Built-in coil, copper pipe	
Condenser	Copper tube and aluminum fin	
Sensor	PT1000	
Thermostat	Electronic thermostat	
Display	LED	
Power Supply	110~220V/50~60Hz	
Power	540W/550VA	510W/528VA
Current	2.5A	2.4A
Internal Material	S.S. 304	S.S. 304
External Material	Spray cold-rolled steel plate	
Lagging	Foamed polyurethane cyclopentane	
Audible and Visual Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door switch alarm	
Optional Accessory	USB port	
Net Weight	83kg	103kg
Gross Weight	125kg	150kg
Internal Size(W*D*H)	430*400*350mm	540*400*580mm
External Size(W*D*H)	695*740*985mm	1140*730*930mm
Package Size(W*D*H)	810*830*1180mm	1240*800*1065mm