

-86°C Freezer



Technical Parameters

Model	BDF-86V418T	BDF-86V608T
Capacity	418L	608L
Shelf	3 pcs, S.S.	
Refrigeration Type	Direct refrigeration	
Defrosting Type	Manual	
Refrigerant/g	Mixed refrigerant, CFC-free	
Noise	55dB(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	PTC	
Thermostat	Electronic thermostat	
Display	LCD	
Power Supply	110/220V, 50/60Hz	
Power	1870VA	
Current	4.86A	5.1A
Internal Material	S.S. 304	
External Material	Sprayed cold-rolled steel	
Lagging	Foamed polyurethane cyclopentane	
Audible and Visual Alarm	High and low temperature alarm, Power fault alarm, Thermostat fault alarm, Door ajar alarm	
Interface	RS485	
Door	Lockable outer door, 3 inner doors	
Temp. Test Port	1, φ30mm	
Net Weight	315kg	360kg
Gross Weight	345kg	390kg
Internal Size(W*D*H)	600*812*1150mm	620*755*1280mm
External Size(W*D*H)	980*988*1945mm	1000*1147*1996mm
Package Size(W*D*H)	1130*1170*2150mm	1150*1280*2210mm

-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		
Structure	150mm ultra-thick foam layer	100mm ultra-thick foam layer	150mm ultra-thick foam layer
Construction Internal Material	S.S. 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	935W	1700W
Power Supply	AC110V/220V±10%, 50/60Hz		
Standard Accessory	72 hours battery backup for power failure alarm, USB port		
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