

### -86°C Freezer



BDF-86V418T

BDF-86V608T

#### 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	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	PT100	
Thermostat	Electronic thermostat	
Display	LCD	
Power Supply	110/220V, 50/60Hz	
Power	1070W/1870VA	1110W/1870VA
Current	8.5A	
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, 2 inner doors	
Temp. Test Port	1, φ30mm	
Standard Accessory	USB port	
Optional Accessory	RS485	
Net Weight	315kg	360kg
Gross Weight	345kg	390kg
Internal Size(W*D*H)mm	600*612*1150mm	620*755*1280mm
External Size(W*D*H)mm	980*988*1945mm	1000*1147*1996mm
Package Size(W*D*H)mm	1130*1170*2150mm	1150*1280*2210mm

### -86°C Freezer



#### Technical Parameters

Model	BDF-86V408D	BDF-86V588D	BDF-86V838D
Capacity	408L	588L	838L
Type	Vertical		
Temp. Range	-40°C~-86°C		
Temp. Accuracy	0.1°C		
Control System	Microprocessor control, 7-inch LCD touch screen		
Alarm	High and low temperature alarm, sensor fault alarm, condenser fouling alarm, ambient temperature alarm, abnormal voltage alarm, power off alarm, door ajar alarm, low battery alarm, with remote alarm interface, all alarm information and history can be queried on the LCD screen		
Alarm Method	Sound beeps and lights flash, remote alarm, and SMS alarm is optional		
Refrigeration System	Two independent refrigeration systems		
Refrigeration Type	Direct refrigeration		
Refrigerant	Non-azeotropic mixed refrigerant R4001		
Compressor	2 pcs		
Construction	Foam Layer Thickness	100mm	
	Internal Material	304 stainless steel	
	External Material	Sprayed steel plate	
Door	1 pc sprayed steel plate outer door, 2 pcs 304 stainless steel inner door		
Caster	4 casters		
Shelf	3 pcs, 304 stainless steel		
Temp. Test Port	1 pc, dia. 25mm		
Standard Accessories	USB port		
Optional Accessories	Temperature recorder		
Consumption	1350W	1500W	1700W
Power Supply	220V/50Hz		
External Size(W*D*H)mm	891*992*1945.5	891*1155*1994.5	1179*1135*1994.5
Internal Size(W*D*H)mm	606*575*1180	606*738*1310	894*718*1310
Package Size(W*D*H)mm	970*1138*2185	954*955*2094	1262*1098*2185
Gross Weight	332kg	310kg	424kg