

-86°C Freezer



BDF-86V168T



BDF-86V348T

Technical Parameters

Model	BDF-86V168T	BDF-86V348T
Capacity	168L	348L
Temp. Range	-40~-86°C	
Temp. Accuracy	0.1°C	
Temp. Uniformity	±4°C	
Temp. Stability	≤6°C	
Recovery Time (Recover to -75°C in an ambient temp. of 25°C)	≤30min	
Cooling Time (Cool down to -80°C in an ambient temp. of 25°C)	≤7h	
Control System	Microprocessor control	
Display	LCD	
Alarm	High and low temperature alarm, thermostat fault alarm, door switch alarm, power failure alarm(72h)	
Refrigeration Type	Direct-cooling	
Refrigerant	R290/R170, 265g	R290/R170, 308g
Compressor	International famous brand compressor/2	
Condenser & Evaporator	Built-in coil type, copper pipe, copper tube and aluminum fin	
Defrost	Manual defrost	
Construction	Polyurethane cyclopentane foam	
Material	Internal Material	SUS304 stainless steel
	External Material	Sprayed steel plate
Door	Outer door: cyclopentane monomer foam door*1 Inner door: cyclopentane monolithic foaming, stainless steel door*3	Outer door: cyclopentane monomer foam door*1 Inner door: cyclopentane monolithic foaming, stainless steel door*2
Consumption	830W Apparent power: 1386VA	915W Apparent power: 1386VA
Power Supply	AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional)	
Casters	Yes	
Shelf	2	3
Standard Accessory	Test port*2, USB interface, RS485 interface	
Optional Accessory	Liquid nitrogen backup system, temperature recorder	
Internal Size(W*D*H)	465*455*820mm	490*612*1150mm
External Size(W*D*H)	844*807*1594mm	869*989*1924mm
Package Size(W*D*H)	1000*970*1790mm	1020*1180*2130mm
Net Weight	196kg	264kg
Gross Weight	253kg	332kg

-86°C Freezer



BDF-86V418T



BDF-86V608T

Technical Parameters

Model	BDF-86V418T	BDF-86V608T
Capacity	418L	608L
Temp. Range	-40~-86°C	
Temp. Accuracy	0.1°C	
Temp. Uniformity	±4°C	
Temp. Stability	≤6°C	
Recovery Time (Recover to -75°C in an ambient temp. of 25°C)	≤45min	
Cooling Time (Cool down to -80°C in an ambient temp. of 25°C)	≤7h	
Control System	Microprocessor control	
Display	LCD	
Alarm	High and low temperature alarm, thermostat fault alarm, door switch alarm, power failure alarm(72h)	
Refrigeration Type	Direct-cooling	
Refrigerant	R290/R170, 340g	R290/R170, 358g
Compressor	International famous brand compressor/2	
Condenser & Evaporator	Built-in coil type, copper pipe, copper tube and aluminum fin	
Defrost	Manual defrost	
Construction	Polyurethane cyclopentane foam	
Material	Internal Material	SUS304 stainless steel
	External Material	Sprayed steel plate
Door	Outer door: cyclopentane monomer foam door*1 Inner door: cyclopentane monolithic foaming, stainless steel door*2	Outer door: cyclopentane monomer foam door*1 Inner door: cyclopentane monolithic foaming, stainless steel door*2
Consumption	1070W Apparent power: 1870VA	1110W Apparent power: 1870VA
Power Supply	AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional)	
Casters	Yes	
Shelf	3	
Standard Accessory	Test port*2, USB interface, RS485 interface	
Optional Accessory	Liquid nitrogen backup system, temperature recorder	
Internal Size(W*D*H)	600*612*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
Net Weight	315kg	360kg
Gross Weight	390kg	438kg