

-86°C Freezer



Technical Parameters

Model	BDF-86H60	BDF-86H128
Capacity	60L	128L
Temp. Range	-40~-86°C	
Temp. Accuracy	0.1°C	
Temp. Uniformity	≤5°C	
Temp. Stability	≤6°C	
Recovery Time ((Recover to -75°C in an ambient temp. of 25°C)	≤10min	
Cooling Time (Cool down to -80°C in an ambient temp. of 25°C)	≤4h	
Control System	Microprocessor control	
Display	LED display	
Alarm	High/low temperature alarm, power failure alarm(72h), controller failure alarm	High/low temperature alarm, power failure alarm(72h), controller failure alarm, door ajar alarm
Refrigeration Type	Direct-cooling	
Refrigerant	R600a/R1150/R14, 145g	R600a/R1150/R14, 170g
Compressor	International famous brand compressor/1	
Condenser & Evaporator	Copper tube finned type; built-in coil type copper tube evaporator	
Defrost	Manual defrost	
Construction	High density polyurethane foam, CFC free	
Material	Internal Material	304 stainless steel
	External Material	Sprayed steel plate
Door	Outer door: cyclopentane monomer foam door*1 Inner door: /	
Noise	53dB(A)	
Consumption	550W	528W
Power Supply	AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional)	
Casters	Yes	
Adjustable Shelves/ Drawer	/	
Standard Accessory	Test port	
Optional Accessory	USB interface, RS485 interface, liquid nitrogen backup system, temperature recorder	
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	1220*780*1070mm
Net Weight	82kg	98kg
Gross Weight	103kg	135kg

-150°C Freezer



Technical Parameters

Model	BDF-150H138	BDF-150H226
Capacity	138L	226L
Temp. Range	-125~-150°C	
Temp. Accuracy	0.1°C	
Temp. Uniformity	≤6°C	
Temp. Stability	≤7°C	
Control System	Microprocessor control	
Display	LCD touch screen	
Alarm	High/low temperature alarm, power failure alarm(35h), controller failure alarm, condenser overheat alarm, ambient temperature alarm	
Refrigeration Type	Direct-cooling	
Refrigerant	Hydrocarbon mixture refrigerant	
Compressor	International famous brand compressor /2	
Condenser & Evaporator	Copper tube aluminum fin type condenser; built-in copper coil evaporator	
Defrost	Manual defrost	
Construction	Cyclopentane polyurethane foam layer +VIP board	
Material	Internal Material	Stainless steel
	External Material	Galvanized steel powder spraying
Door	Outer door*1, inner door*2	
Consumption	1500W	2000W
Power Supply	AC 220V, 50Hz(Standard); 220V, 60Hz, 110V, 60Hz(Optional)	
Casters	Yes	
Shelf	/	
Standard Accessory	Test hole, USB	
Optional Accessory	chart temperature recorder, freezer rack and freezer box, liquid nitrogen backup system	
Internal Size (W*D*H)	630*440*500mm	780*580*500mm
External Size (W*D*H)	1360*800*1000mm	1510*940*1000mm
Package Size (W*D*H)	1420*840*1150mm	1570*980*1150mm
Net Weight	190kg	230kg
Gross Weight	230kg	280kg