

## -40°C Freezer(Combined Refrigerator and Freezer)



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### Technical Parameters

Model	BRF-40V318	BRF-40V368	BRF-40V450	
Capacity	Refrigerator	208L	183L	295L
	Freezer	110L	185L	155L
Temp. Range	Refrigerator	2~8°C		
	Freezer	-10~-40°C		
Temp. Accuracy	0.1°C			
Temp. Uniformity	Refrigerator	≤2°C		
	Freezer	≤4°C		
Temp. Stability	Refrigerator	≤3°C		
	Freezer	≤4°C		
Recovery Time	Refrigerator	≤15min(Recover to 8°C in an ambient temp. of 32°C)		
	Freezer	≤30min(Recover to -37°C in an ambient temp. of 25°C)		
Cooling Time	Refrigerator	≤80min(Cool down to 6°C in an ambient temp. of 32°C)		
	Freezer	≤3h(Recover to -40°C in an ambient temp. of 25°C)		
Control System	Microprocessor control			

Model	BRF-40V318	BRF-40V368	BRF-40V450	
Alarm	High and low temperature alarm, thermostat fault alarm, door switch alarm, power failure alarm(72h)			
Refrigeration Type	Refrigerator	Air-cooling		
	Freezer	Direct-cooling		
Refrigerant	Refrigerator	R290/39g	R290/25g	R290/50g
	Freezer	R290/46g	R290/60g	R290/54g
Compressor	International famous brand compressor /2			
Condenser & Evaporator	Refrigerator	Wire-on-tube Bundy tube condenser; copper tube and aluminum fin evaporator	Wire-on-tube Bundy tube condenser; Bundy tube evaporator	Wire-on-tube Bundy tube condenser; copper tube aluminum fin evaporator
	Freezer	Wire-on-tube Bundy tube condenser; built-in coil type copper tube evaporator	Copper tube aluminum fin condenser; built-in coil type copper tube evaporator	Wire-on-tube Bundy tube condenser; built-in coil type copper tube evaporator
Defrost	Refrigerator	Automatic defrost		
	Freezer	Manual defrost		
Construction	Polyurethane cyclopentane foam			
Material	Internal Material	304 stainless steel		
	External Material	Sprayed steel plate		
Door	Outer door:	cyclopentane monolithic foam door*2	Outer door: cyclopentane monolithic foam door*2	Outer door: cyclopentane monolithic foam door*2
	Interior door:	cyclopentane monolithic foam freezer door*2	Interior door: cold plate spray door*2	Interior door: cyclopentane monolithic foam freezer door*2
Consumption	460W	627W	570W	
Power Supply	AC 220V, 50Hz(Standard); 220V, 60Hz, 110V, 60Hz (Optional, external transformer)		AC 220V, 50Hz(Standard); 110/220V, 60Hz(Optional)	
Casters	Yes			
Shelf	Refrigerator	3		
	Freezer	1		
Standard Accessory	Test hole*2, USB interface			
Optional Accessory	Temperature recorder, RS485 interface			
Internal Size (W*D*H)	Refrigerator	590*495*746mm	580*575*563mm	590*675*746mm
	Freezer	520*467*460mm	580*575*563mm	520*647*460mm
External Size (W*D*H)	741*631*1889mm	750*736*1884mm	741*811*1889mm	
Package Size (W*D*H)	880*770*2090mm	890*880*2100mm	880*950*2090mm	
Net Weight	132kg	153kg	147kg	
Gross Weight	178kg	195kg	200kg	