



*Combined Refrigerator and
Freezer CRF 4000 Series*

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Description :

Combined Refrigerator and Freezer CRF 4000 Series have Upper Chamber temperature range of 2C~8C, but differs in Lower Chamber temperature range. The upper chamber is for refrigeration and lower chamber is for freezing. These are used for cryogenic test on special materials, blood plasma cryopreservation, and low temperature resistance test on biological materials.

Specifications :

Model No.	CRF 4000	CRF 4001
Capacity	519L	519L
Upper Chamber Capacity	323L	323L
Lower Chamber Capacity	196L	196L
Defrost Mode	Refrigerator : Automatic Defrost ; Freezer : Manual Defrost	Refrigerator : Automatic Defrost ; Freezer : Manual Defrost
Upper Chamber Temperature Range	2C ~ 8C	2C ~ 8C
Lower Chamber Temperature Range	-10C ~ -25C	-10C ~ -40C
Ambient Temperature	16C~32C	16C~32C
No. of Shelves	Refrigerator: 3+1(Stainless steel) ; Freezer: 6(ABS)	Refrigerator: 3+1(Stainless steel) ; Freezer: 6(ABS)
Refrigerator Insulation Thickness	50mm	50mm
Freezer Insulation Thickness	100mm	100mm
Rated Power	382W	460W

Input Power	560W	652W
Current Consumption (kWh/24hr)	3.76	5.17
Rated Current	2.54A	2.96A
Upper Chamber Internal Dimensions	750*610*740 mm	750*610*740 mm
Lower Chamber Internal Dimensions	650*560*565 mm	650*560*565 mm
External Dimensions	910*740*1972 mm	910*740*1972 mm
Packing Dimensions	985*855*2140 mm	985*855*2140 mm
Net Weight	186kg	186kg
Gross Weight	215kg	215kg
Power Supply	AC 220V, 50Hz	AC 220V, 50Hz

Features :

- >R600a is the refrigerant used for refrigerator and freezer in CRF 4000 model and R600a and R290 are used in CRF 4001 respectively for both refrigerator and freezer
- > Freon-free Refrigerant which is environmental friendly and high efficiency compressor are provided for ensuring energy saving and High efficiency
- > Two compressors and separate control of the upper refrigeration chamber and lower freezing chamber
- > Forced Air-cooling system for upper chamber (refrigerator) and direct cooling for lower chamber (freezer)

- > The internal material is made of stainless steel and external material is SPCC steel with powder coating
- > 1 inch high brightness digital temperature display with 0.1C display precision for indication of operating status and setting temperature based on requirement
- > CFC-free polyurethane foam technology and thicker insulating layer for improving the effect of thermal insulation
- > Equipped with alarm functions, high-ambient alarm, sensor failure alarm, door opening and lock system, door with heater for hot gas surrounding and power failure alarm for sample storage safety
- > Specially equipped with external door handle and padlock to prevent unauthorized opening
- > Cabinet is provided with casters, convenient for movements and placements
- > The interior is equipped with three drawers and four shelves for object storage

Applications :

Used in research institutions, electronic industry, chemical industry, hospitals, health and disease prevention system, laboratories in colleges and universities, military enterprises etc.



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