



-40°C FREEZER BFUR-40-305

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-40°C DOUBLE-DOOR BIOMEDICAL FREEZER



Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C
Double outside doors and two independent freezer chambers.
HC green refrigerant is energy-saving and environmentally friendly.
Wide available voltage range: 220V±10%.
Security
Safety door lock and controller password to prevent unauthorized access.
Built-in backup battery to display temperature and alarms when power failure or system error.
Visual and audible alarm system.
Power failure protection: turn-on delay of the cooling system after power failure.

SPECIFICATIONS

Model	BFUR-40-305
Temperature Range	-20 ~ -40°C
Ambient Temperature	10~32°C
Capacity (L / Cu. Ft.)	264x2 / 9.33x2
Interior Dimensions (WxDxH) mm	651x632x635x2
Exterior Dimensions (WxDxH) mm	900x818x1875
Weight	160 kgs
Noise	55 dB
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	220V±10%, 50/60Hz
Power	452W
Electric Current	3.2 A
Power Consumption (kWh/24h)	7.81
High / Low Temp. Alarm	Yes
Power Failure Alarm	Yes, 8h
Sensor Error Alarm	Yes
Controller Error Alarm	Yes
Door Ajar Alarm	Yes
Abnormal Ambient Temp. Alarm	Yes
Refrigeration Type	Direct Cooling
Defrost	Manual
Compressor (Brand/pcs)	CUBIGEL / 2
Refrigerant / Weight	R290 / 172g
Door (pcs)	Foamed Solid Door / 2
Shelf (pcs)	4
Drawer (pcs)	18
Interior Cabinet Material	Coated Steel
Exterior Cabinet Material	Coated Steel
Insulation Material	PURF (δ95mm)

Door Lock	Yes
Test Hole (pcs)	2
Castors (pcs)	4
Leveling Feet (pcs)	2
USB Data Download Port	Yes
Remote Alarm Port	Yes
RS485 Port	Optional
Temperature Datalogger	Optional
Temperature Printer	Optional
Temperature Chart Recorder	Optional
Package	Carton box with pallet
Shipping Weight	190 kgs
Shipping Size (WxDxH) mm	930x980x2020
Shipping Volume	1.84 CBM
Alt Name	-40°C Double-door Biomedical Freezer



FEATURES

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 Controller error protection: the cooling system will remember the normal working cycle and keep working depending on this memory when the controller or two sensors failed.

Humanized design

Drawers for easy storage.
 Casters with stoppers for easy moving and fixation.

APPLICATIONS

The -40 °C medical deep freezers are designed to store vaccines, blood plasma, reagents, and many other biological materials which are widely used in research institutions, clinics, and medical fields.



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