



-40°C FREEZER BFUR-40-302

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-40°C BIOMEDICAL FREEZER



Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C
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.

Inner doors to prevent cold air from leaking out when the outside door is opening.

Power failure protection: turn-on delay of the cooling system after power failur

SPECIFICATIONS

| | |
|--------------------------------|-----------------------|
| Model | BFUR-40-302 |
| Temperature Range | -20 ~ -40°C |
| Ambient Temperature | 10~32°C |
| Capacity (L / Cu. Ft.) | 268 / 9.46 |
| Interior Dimensions (WxDxH) mm | 508x455x1137 |
| Exterior Dimensions (WxDxH) mm | 673x676x1620 |
| Weight | 99 kgs |
| Noise | 48 dB |
| Controller | Microprocessor |
| Display | Digital |
| Sensor | NTC |
| Voltage and Frequency | 220V±10%, 50/60Hz |
| Power | 309W |
| Electric Current | 1.5 A |
| Power Consumption (kWh/24h) | 5.2 |
| High / Low Temp. Alarm | Yes |
| Power Failure Alarm | Yes, 8h |
| Sensor Error Alarm | Yes |
| Controller Error Alarm | Yes |
| Door Ajar Alarm | Yes |
| Refrigeration Type | Direct Cooling |
| Defrost | Manual |
| Compressor (Brand/pcs) | CUBIGEL / 1 |
| Refrigerant / Weight | R290 / 52g |
| Door (pcs) | Foamed Solid Door / 1 |
| Inner Door (pcs) | Coated Steel Door / 4 |
| Adjustable Shelf (pcs) | 3 |
| Interior Cabinet Material | Coated Steel |
| Exterior Cabinet Material | Coated Steel |
| Insulation Material | PURF (δ82.5mm) |
| Door Lock | Yes |

| | |
|--------------------------|--------------------------|
| Test Hole (pcs) | 1 |
| Castors (pcs) | 4 |
| Remote Alarm Port | Yes |
| USB Data Download Port | Optional |
| RS485 Port | Optional |
| Temperature Datalogger | Optional |
| Temperature Printer | Optional |
| Package | Carton box with pallet |
| Shipping Weight | 120 kgs |
| Shipping Size (WxDxH) mm | 760x750x1750 |
| Shipping Volume | 1.00 CBM |
| Alt Name | -40°C Biomedical Freezer |



FEATURES

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 Power failure protection: turn-on delay of the cooling system after power failure.
 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

Adjustable shelves 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.



Biolab Scientific Ltd.

Trillium Executive Center, East Tower, 675 Cochrane Dr, Markham, Ontario L3R 0B8, Canada
 Email: info@biolabscientific.com | Website: www.biolabscientific.com