

BIOBASE BRF-40V318

- Combined Laboratory Refrigerator + -40°C Freezer- 2-in-1 unit.
- This is dual Temperature: Fridge on top (2-8°C) + Freezer bottom (-40°C) in one body.

SPECIAL FEATURES

1. Dual System Design

- Upper: Refrigerator 208L* - for reagents, media, vaccines (2~8°C)
- Down: Freezer 110L* - for viruses, plasma, biological tissues (-10°C ~ -40°C)
- 2. Independent Doors- You can open fridge without losing freezer temp
- 2 Compressors - fridge and freezer have separate compressor - if one fails other still works

2. Smart Control:

- Microprocessor control, 0.1°C accuracy
- LED display
- Power failure protection: Start delay function - prevents high current damage when power returns

3. Safety Alarm System:

- Power failure alarm
- Door ajar alarm
- High / low temperature alarm
- Thermostat failure alarm
- Sensor failure alarm

4. Construction for Labs:

- Internal: 304 Stainless steel - corrosion proof, easy to disinfect
- External: Sprayed steel plate with antibacterial coating
- Unibody design - mono-assembly foaming with CFC-free high density polyurethane
- Caster with brake - easy to move
- Refrigerant R290*I - environmentally safe, CFC-free
- Direct refrigeration - stable temp

5. Low Energy & Quiet:

- Optimized refrigeration for uniform temperature
- Permanently lubricated fan for longevity
- Lockable door with safety lock

TECHNICAL SPECIFICATIONS - BRF-40V318

Parameter Value

- Model -RF-40V318
- Total Capacity 318L (Fridge 208L + Freezer 110L)
- Type vertical Combined
- Temp Range Fridge: 2°C ~ 8°C / Freezer: -10°C ~ -40°C
- Temp Accuracy -0.1°C
- Control System Microprocessor
- Display LED digital
- Refrigeration Type- Direct cooling
- Refrigerant R290
- Compressor 2 compressors (1 for fridge, 1 for freezer)
- Internal Material 304 stainless steel
- External Material Sprayed steel plate
- Door 2 pcs, with lock
- Shelves Fridge: 3 pcs / Freezer: 1 pc
- Caster Yes, lockable
- Alarm High/low temp, power failure, door open, thermostat failure
- Power Consumption 638VA / 460W
- Power Supply AC220V±10%, 50Hz (110V optional)
- External Size W×D×H 741×631×1889 mm
- Internal Size- Fridge: 590*495*746mm / Freezer: 520×467×460mm

WHERE IT IS USED:

- Hospital Labs: Store reagents at 2-8°C in top + store plasma, virus samples at -40°C bottom - saves space
- Research Institutes: Biological samples, cell lines, enzymes
- Blood Bank: Blood products storage