



## LABORATORY REFRIGERATOR BEZ1BP1 (BLAR-404)

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## PRO LABORATORY REFRIGERATOR



Microprocessor control, ensure the inside temperature is within 2~8°C, accuracy is 0.1°C

Suggested ambient temperature: +10~32°C.

Specially designed forced-air cooling system, ensures frost-free cabinet and good temperature uniformity.

Toughened glass door with heater, available for high humidity area.

Wide available voltage range: 220V±10%.

### Security

Safety door lock and controller password to prevent unauthorized access.

8h built-in backup battery to power the controller and save temp. data when power failure or system error.

Visual and audible alarm system.

## SPECIFICATIONS

|                                |                                     |
|--------------------------------|-------------------------------------|
| Model                          | BEZ1BP1                             |
| Old Model                      | BLAR-404                            |
| Temperature Range              | 2~8°C                               |
| Ambient Temperature            | 10~32°C                             |
| Capacity (L/Cu.Ft.)            | 315 / 11.12                         |
| Interior Dimensions (WxDxH) mm | 540x425x1380                        |
| Exterior Dimensions (WxDxH) mm | 640x554x1925                        |
| Weight                         | 95 kgs                              |
| Noise                          | 50 dB                               |
| Controller                     | Microprocessor                      |
| Display                        | Digital                             |
| Sensor                         | NTC                                 |
| Voltage and Frequency          | 220V±10%, 50/60Hz                   |
| Power                          | 294 W                               |
| Electric Current               | 1.71 A                              |
| Power Consumption (kWh/24h)    | 3.33                                |
| High/Low Temp. Alarm           | Yes                                 |
| Power Failure Alarm            | Yes, 72h                            |
| Sensor Error Alarm             | Yes                                 |
| Controller Error Alarm         | Yes                                 |
| Door Ajar Alarm                | Yes                                 |
| Abnormal Ambient Temp. Alarm   | Yes                                 |
| Battery Error Alarm            | Yes                                 |
| Condenser Error Alarm          | Yes                                 |
| Refrigeration Type             | Forced-air Cooling                  |
| Defrost                        | Auto                                |
| Compressor (Brand/pcs)         | Chinese Brand / 1                   |
| Refrigerant / Weight           | R290 / 40g                          |
| Door (pcs)                     | Self-closing Heating Glass Door / 1 |
| Adjustable Shelf (pcs)         | 6                                   |
| Drawer (pcs)                   | 1                                   |

|                               |                             |
|-------------------------------|-----------------------------|
| Interior Cabinet Material     | Coated Steel                |
| Exterior Cabinet Material     | Coated Steel                |
| Insulation Material           | PURF (650mm)                |
| Door Lock                     | Yes                         |
| LED Lamp                      | Yes                         |
| Test Hole (pcs)               | 1                           |
| Castors / Leveling Feet (pcs) | 4 / 2                       |
| Remote Alarm Port             | Yes                         |
| USB Data Download Port        | Yes                         |
| RS485 Port                    | Optional                    |
| Temperature Datalogger        | Optional                    |
| Temperature Printer           | Optional                    |
| Package                       | Carton box with pallet      |
| Shipping Weight               | 105 kgs                     |
| Shipping Size (WxDxH)         | 720x650x2000                |
| Shipping Volume               | 0.94 CBM                    |
| Alt Name                      | Pro Laboratory Refrigerator |



## FEATURES

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### Security

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Visual and audible alarm system.

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

Special designed service-free drainage system, ensure no water in the cabinet.

Adjustable shelves for easy storage.

Castors with stoppers for easy moving and fixation.

Auto on/off LED light with manual switch on the control panel.

Auto on/off cooling fan to prevent cold air from leaking out when the door is opening.

## APPLICATIONS

2~8°C biomedical refrigerators are specially designed to store medicines, vaccines, reagents and bio-medical products.



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