



LABORATORY REFRIGERATOR BLAR-412

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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.

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.

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

SPECIFICATIONS

Model	BLAR-412
Temperature Range	2 ~ 8°C
Ambient Temperature	10~32°C
Capacity (L / Cu. Ft.)	416 / 14.69
Interior Dimensions (WxDxH) mm	685x429x1330
Exterior Dimensions (WxDxH) mm	785x552x1927
Weight	120 kgs
Noise	50 dB
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	220V±10%, 50/60Hz
Power	330 W
Electric Current	1.85 A
Power Consumption (kWh/24h)	4.23
High / Low Temp. Alarm	Yes
Power Failure Alarm	Yes, 8h
Sensor Error Alarm	Yes
Controller Error Alarm	Yes
Door Ajar Alarm	Yes
Refrigeration Type	Forced-air Cooling
Defrost	Auto
Compressor (Brand/pcs)	Chinese Brand / 1
Refrigerant / Weight	R290 / 48g
Door (pcs)	Heating Glass Door / 1
Adjustable Shelf (pcs)	5
Interior Cabinet Material	Coated Steel
Exterior Cabinet Material	Coated Steel
Insulation Material	PURF (δ50mm)
Door Lock	Yes
LED Lamp	Yes

Test Hole (pcs)	1
Castors / Leveling Feet (pcs)	4 / 2
Remote Alarm Port	Yes
USB Data Download Port	Optional
RS485 Port	Optional
Temperature Datalogger	Optional
Temperature Printer	Optional
Solid Door (Foamed)	Optional
Package	Carton box with pallet
Shipping Weight	133 kgs
Shipping Size (WxDxH) mm	880x660x2100
Shipping Volume	1.22 CBM
Alt Name	Laboratory Refrigerator



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

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

Adjustable shelves for easy storage.

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.



Biolab Scientific Ltd.

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