LABORATORY REFRIGERATOR BLAR-414

LABORATORY REFRIGERATOR BLAR-414

ANTI-EXPLOSION 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.
Wide available voltage range: 187V~242V.
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-414
Temperature Range	2 ~ 8 °C
Ambient Temperature	10 ~ 32 °C
Capacity (L/Cu. Ft.)	416 / 14.69
Interior Dimensions (WxDxH) mm	685 x 429 x 1380
Exterior Dimensions (WxDxH) mm	785 x 595 x 1927
Weight	130 kgs
Noise	50 dB
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	187~242V, 50/60Hz
Power	283 W
Electric Current	1.65 A
Power Consumption (kWh/24h)	2.8
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 (kgs)	R290 / 48g
Door (pcs)	Foamed Solid Door / 1
Fixed / Adjustable Shelf (pcs)	0 / 5
Interior Cabinet Material	304 Stainless Steel
Exterior Material	Coated Steel
Insulation Material	PURF (50mm)
Door Lock	Yes
LED Lamp	Yes

Test Hole (pcs)	Φ25mm / 1
Fixed / Levelling Castors (pcs)	4 / 0
Fixed / Levelling Feet (pcs)	0 / 2
Voltage Stabilizer	Optional
USB Data Download Port	Optional
Remote Alarm Port	Optional
RS232 / RS485 Port	Optional
Temperature Datalogger	Optional
Temperature Printer	Optional
Package	Carton box with pallet
Shipping Weight	143 kgs
Shipping Size (WxDxH)	890 x 655 x 2100
Shipping Volume	1.22 CBM
Alt Name	Anti-explosion Refrigerator

FEATURES

Microprocessor control, ensure the inside temperature is within 2~8℃, accuracy is 0.1℃
Suggested ambient temperature: +10~32℃.
Specially designed forced-air cooling system, ensures frost-free cabinet and good temperature uniformity.
Wide available voltage range: 187V~242V.

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 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.
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

The 2~8℃ anti-explosion refrigerator is constructed intrinsically safe. Maximum temperature stability and explosion-proofness. When storing flammable or explosive substances. This product applies to places with temperature control requirements in explosive environments such as the petrochemical industry, laboratory, metallurgy, medicine, textile, food, bioengineering, pharmacy, warehouse, aerospace engineering and military industry; Zone 1 and Zone 2 hazardous gas sites; IIA, IIB, T1-T4 explosive gas or steam environment.