BioLAB

PRODUCT CATALOG

COMBINED REFRIGERATOR AND FREEZER
BFUD-25-301

CE ISO9001 CERTIFIED

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COMBINED REFRIGERATOR AND FREEZER BFUD-25-301

-25°C COMBINED REFRIGERATOR & FREEZER

Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C
Double outside doors and two independent chambers.
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.
Power failure protection: turn-on delay of the cooling system after power failure.

SPECIFICATIONS

Model	BFUD-25-301
Capacity	368L (Refrigerator:189L + Freezer:179L)
Temperature Range	Freezer: -10 ~ -25°C; Refrigerator: 2 ~ 8°C
Ambient Temperature	10~32°C
Interior Dimensions (WxDxH) mm	R: 580x626x625; F: 466x636x625
Exterior Dimensions (WxDxH) mm	720x830x1870
Weight	140 kgs
Noise	50 dB
Controller	Microprocessor
Display	Digital
Sensor	NTC
Voltage and Frequency	220V±10%, 50/60Hz
Power	363 W
Electric Current	2.81 A
Power Consumption (kWh/24h)	4.38
High / Low Temp. Alarm	Yes
Power Failure Alarm	Yes, 8h
Sensor Error Alarm	Yes
Controller Error Alarm	Yes
Door Ajar Alarm	Yes
Abnormal Ambient Temp. Alarm	Yes
Refrigeration Type	R: Forced-air Cooling; F: Direct Cooling
Defrost	R: Auto; F: Manual
Compressor (Brand/pcs)	Chinese Brand / 2
Refrigerant / Weight	R290 / 74g
Door (pcs)	R: Foamed Glass Door / 1; F: Foamed Solid Door / 1
Shelf (pcs)	5
Drawer (pcs)	6
Interior Cabinet Material	Coated Steel
Exterior Cabinet Material	Coated Steel
Insulation Material	R: PURF (δ38mm); F: PURF (δ95mm)

Door Lock	Yes
LED Lamp	R: Yes; F: -
Test Hole (pcs)	2
Castors (pcs)	4
Leveling Feet (pcs)	2
USB Data Download Port	Yes
Remote Alarm Port	Yes
RS485 Port	Optional
Temperature Datalogger	Optional
Temperature Printer	Optional
Package	Carton box with pallet
Shipping Weight	170 kgs
Shipping Size (WxDxH)	780x920x2000
Shipping Volume	1.51 CBM
Alt Name	-25℃ Combined Refrigerator & Freezer

FEATURES

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Wide available voltage range: 220V±10%.

Security
Safety door lock and controller password to prevent unauthorized access.
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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 fail.

Humanized design
Adjustable shelves (Refrigerator) and drawers (Freezer) for easy storage.
Auto on/off LED light with manual switch on the control panel (Only for refrigerator).
Auto on/off cooling fan to prevent cold air from leaking out when the door is opening(Only for refrigerator).
Casters and adjustable feet for easy moving and fixation.

APPLICATIONS

Combined Refrigerator & Freezer are specially designed to store medicines, vaccines, blood plasma, reagents, and many other biological materials which are widely used in research institutions, clinics, and electronic and medical fields.

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