

PRODUCT CATALOG



DOUBLE DOOR FREEZER BEZ1Y1 (BFUR-40-308)





DOUBLE DOOR FREEZER BEZ1Y1

-40°C DOUBLE-DOOR BIOMEDICAL FREEZER



Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C Double outside doors and two independent freezer 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

Old Model BFUR-40-308 Temperature Range -20 ~ - 40°C Ambient Temperature 10~32°C Capacity (L/ Cu. Ft) 179×2 / 6.32×2 Interior Dimensions (WxDxH) mm 466x636x625x2 Exterior Dimensions (WxDxH) mm 720x830x1870 Weight 138 kgs Noise 49 dB Controller Microprocessor Display Digital Sensor NTC Voltage and Frequency 220V±10%, 50/60Hz Power 345W Electric Current 3.2 A Power Consumption (kWh/24h) 6 High / Low Temp. Alarm Yes Power Failure Alarm Yes, 8h Sensor Error Alarm Yes Controller Error Alarm Yes Controller Error Alarm Yes Dor Ajar Alarm Yes Abnormal Ambient Temp. Alarm Yes Refrigeration Type Direct Cooling Defrost Manual Compressor (Brand/pcs) CUBIGEL / 2 Refrigerant / Weight R2	Model	BEZ1Y1
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Power 345W Electric Current 3.2 A Power Consumption (kWh/24h) 6 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 Direct Cooling Defrost Manual Compressor (Brand/pcs) CUBIGEL / 2 Refrigerant / Weight R290 / 90g Door (pcs) Foamed Solid Door / 2 Shelf (pcs) 4 Drawer (pcs) 12 Interior Cabinet Material Coated Steel	Sensor	NTC
Electric Current 3.2 A Power Consumption (kWh/24h) 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 Pefrigeration Type Direct Cooling Defrost Manual Compressor (Brand/pcs) CUBIGEL / 2 Refrigerant / Weight Rego / 90g Door (pcs) Shelf (pcs) 4 Drawer (pcs) Interior Cabinet Material Coated Steel	Voltage and Frequency	220V±10%, 50/60Hz
Power Consumption (kWh/24h) 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 Pefrost Refrigeration Type Direct Cooling Defrost Manual Compressor (Brand/pcs) Refrigerant / Weight Door (pcs) Shelf (pcs) A Drawer (pcs) Italiana Yes Coated Steel	Power	345W
High / Low Temp. Alarm Power Failure Alarm Yes, 8h Sensor Error Alarm Yes Controller Error Alarm Yes Door Ajar Alarm Yes Abnormal Ambient Temp. Alarm Yes Refrigeration Type Direct Cooling Defrost Manual Compressor (Brand/pcs) CUBIGEL / 2 Refrigerant / Weight R290 / 90g Door (pcs) Shelf (pcs) Poawer (pcs) Italiana Yes Coated Steel	Electric Current	3.2 A
Power Failure Alarm Sensor Error Alarm Yes Controller Error Alarm Yes Door Ajar Alarm Yes Abnormal Ambient Temp. Alarm Yes Refrigeration Type Direct Cooling Defrost Compressor (Brand/pcs) CubiGEL / 2 Refrigerant / Weight Rego / 90g Door (pcs) Shelf (pcs) Drawer (pcs) Interior Cabinet Material Yes Direct Cooling Manual CUBIGEL / 2 Reformed Solid Door / 2 Shelf (pcs) 12 Interior Cabinet Material	Power Consumption (kWh/24h)	6
Sensor Error Alarm Controller Error Alarm Pes Door Ajar Alarm Yes Abnormal Ambient Temp. Alarm Refrigeration Type Direct Cooling Defrost Compressor (Brand/pcs) Refrigerant / Weight Door (pcs) Shelf (pcs) Drawer (pcs) Interior Cabinet Material Yes Direct Cooling Manual CUBIGEL / 2 R290 / 90g Foamed Solid Door / 2 Shelf (pcs) 4 Drawer (pcs) Interior Cabinet Material Coated Steel	High / Low Temp. Alarm	Yes
Controller Error Alarm Door Ajar Alarm Abnormal Ambient Temp. Alarm Refrigeration Type Direct Cooling Defrost Compressor (Brand/pcs) Refrigerant / Weight Door (pcs) Shelf (pcs) Drawer (pcs) Italiana Yes Direct Cooling Direct Cooling Manual CUBIGEL / 2 R290 / 90g Foamed Solid Door / 2 4 Drawer (pcs) Italiana Coated Steel	Power Failure Alarm	Yes, 8h
Door Ajar Alarm Abnormal Ambient Temp. Alarm Refrigeration Type Direct Cooling Defrost Manual Compressor (Brand/pcs) Refrigerant / Weight Door (pcs) Shelf (pcs) Drawer (pcs) Interior Cabinet Material Yes Yes Yes Yes Passed Passed Passed Nanual CUBIGEL / 2 R290 / 90g Foamed Solid Door / 2 Shelf (pcs) 12 Interior Cabinet Material Coated Steel	Sensor Error Alarm	Yes
Abnormal Ambient Temp. Alarm Refrigeration Type Direct Cooling Defrost Compressor (Brand/pcs) Refrigerant / Weight Door (pcs) Shelf (pcs) Drawer (pcs) Interior Cabinet Material Piccoling Manual CUBIGEL / 2 Respons 90g Foamed Solid Door / 2 4 Drawer (pcs) Coated Steel	Controller Error Alarm	Yes
Refrigeration Type Defrost Manual Compressor (Brand/pcs) Refrigerant / Weight R290 / 90g Door (pcs) Foamed Solid Door / 2 Shelf (pcs) A Drawer (pcs) Interior Cabinet Material Direct Cooling Manual CUBIGEL / 2 Refrigerant / Weight R290 / 90g Foamed Solid Door / 2 Shelf (pcs) Toamed Solid Door / 2 Coated Steel	Door Ajar Alarm	Yes
Defrost Manual Compressor (Brand/pcs) CUBIGEL / 2 Refrigerant / Weight R290 / 90g Door (pcs) Foamed Solid Door / 2 Shelf (pcs) 4 Drawer (pcs) 12 Interior Cabinet Material Coated Steel	Abnormal Ambient Temp. Alarm	Yes
Compressor (Brand/pcs) Refrigerant / Weight Door (pcs) Shelf (pcs) Drawer (pcs) Interior Cabinet Material CUBIGEL / 2 R290 / 90g Foamed Solid Door / 2 4 Drawer (pcs) 12	Refrigeration Type	Direct Cooling
Refrigerant / Weight R290 / 90g Door (pcs) Foamed Solid Door / 2 Shelf (pcs) 4 Drawer (pcs) 12 Interior Cabinet Material Coated Steel	Defrost	Manual
Door (pcs)Foamed Solid Door / 2Shelf (pcs)4Drawer (pcs)12Interior Cabinet MaterialCoated Steel	Compressor (Brand/pcs)	CUBIGEL / 2
Shelf (pcs) Drawer (pcs) Interior Cabinet Material 4 Coated Steel	Refrigerant / Weight	R290 / 90g
Drawer (pcs) 12 Interior Cabinet Material Coated Steel	Door (pcs)	Foamed Solid Door / 2
Interior Cabinet Material Coated Steel	Shelf (pcs)	4
	Drawer (pcs)	12
Exterior Cabinet Material Coated Steel	Interior Cabinet Material	Coated Steel
	Exterior Cabinet Material	Coated Steel

Insulation Material	PURF (δ95mm)
Door Lock	Yes
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	178 kgs
Shipping Size (WxDxH) mm	780x970x2000
Shipping Volume	1.51 CBM
Alt Name	-40°C Double-door Biomedical Freezer





FEATURES

Microprocessor control, ensure good inner temperature uniformity, accuracy is 0.1°C

Double outside doors and two independent freezer 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.

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

Drawers for easy storage.

Casters with stoppers for easy moving and fixation.

APPLICATIONS

The -40 °C medical deep freezers are designed to store vaccines, blood plasma, reagents, and many other biological materials which are widely used in research institutions, clinics, and medical fields.



Biolab Scientific Ltd.