



Advanced Blood Bank Refrigerator with LED Display



HXC-629B

- ◉ Safe, secure and reliable
- ◉ Back-up battery design
- ◉ Multiple temperature control
- ◉ Equipped with multiple alarm functions

Haier Biomedical USA

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Haier Biomedical
Intelligent Protection of Life Science



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USA



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Suitable for blood stations, hospitals, research institutes, biopharma and other life science laboratories for the storage of blood and other materials required to be stored between under 2~6°C temperature conditions.

Product Advantages

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Precise Temperature Control

- The inside temperature is consistently maintained with in $4\pm1^{\circ}\text{C}$, with the digital temperature display resolution at 0.1°C .
- Equipped with 7 high-precision sensors and a mechanical thermostat which enables more accurate air cooling and temperature control to ensure the uniform temperature inside the unit is maintained within the specified temperature range. The multi-layer inner door design reduces thermal loss after door openings and further ensures the temperature stability inside the cabinet.



Designed with Multiple Safety Guarantees to Provide Worry-Free Service

- Equipped with a complete alarm system, alarm functions include high and low temperature, power failure, door ajar, sensor error, and low battery. Two alarm modes including audible buzzer and visual lights with remote alarm interface.
- Back-up battery design ensures alarm and temperature readings continue to operate in the event of a mains power failure.
- Optional electromagnetic lock, dual safety guarantee of mechanical lock and electromagnetic lock.



Triple-pane Glass Foam Door

Large-viewing angle with triple-pane glass foam door design, and there are two layer of glass with Low-E film, reduce heat transfer efficiency, no condensation under 25°C , 85% humidity environment.



Frequency Conversion, Energy Saving

Frequency conversion compressor, internationally recognized brand EBM speed regulating fan, with an innovative air cooling design, energy saving and low noise.



Shelf-closing Design

Eliminate the worries of users forgetting to close the door.



Product Parts Diagram

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Temperature Recorder

Record the inner temperature change

LED Screen

Display resolution at 0.1°C

USB Interface

Ability to record temperature data for ten years by using the USB interface

NFC (Optional)

NFC swipe card module, with safer storage management

Optional Electromagnetic lock and standard Mechanical lock

Dual safety guaranteed

Shelves

Shelves in the box can be divided according to different blood types. Combined with injection molding blood basket, the storage of blood bag is more convenient and fast

Adjustable Feet

Easy to level and position

Casters

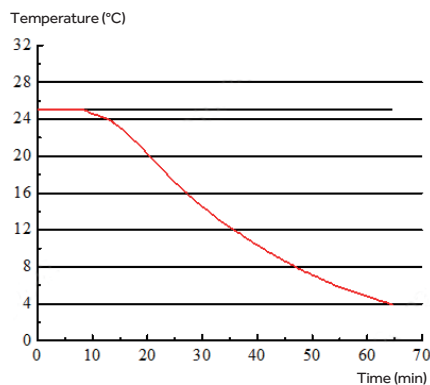
Easy to move



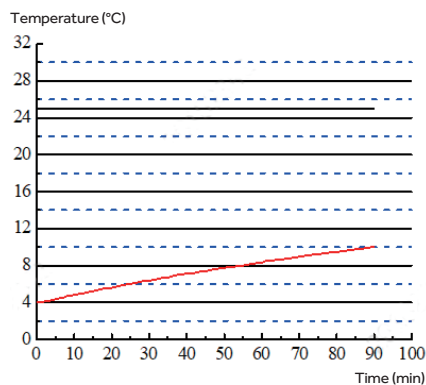
HXC-629B

Product Performance

Cool down curve (empty loaded)



Warm up curve (empty loaded)



Specifications



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Model			HXC-629B
Technical Data	Type		Basket-Type
	Climate Class		N
	Cooling Type		Forced Air Cooling
	Defrost Mode		Auto
	Refrigerant		R600a
	Sound Level(dB(A))		40
Performance	Temperature Range(°C)		4±1
	Ambient Temperature (°C)		16-32
Control	Controller		Microprocessor
	Display		LED
Electrical Data	Power Supply (V/Hz)		115-50/60
	Power (W)		255
	Electrical Current (A)		3
	Power Consumption (kWh/24h)		2.9
Construction	Capacity (L/Cu.Ft)		629 /22.2
	Blood Storage Capacity (450ml blood bags)		312
	Interior Material		304 Stainless Steel
	Net/Gross Weight (approx)	kg	187/217
		lbs	411.4/477.4
	Interior Dimensions (W*D*H)	mm	645*680*1455
		in	25.2*26.5*56.7
	Exterior Dimensions (W*D*H)	mm	765*940*1980
		in	29.8*36.7*77.2
	Packing Dimensions (W*D*H)	mm	880/1010/2090
in		34.7*39.8*82.3	
Loading Quantities	Container load (20'/40'/40'H)		12/26/26
Alarms	High/Low Temperature		Y
	Power Failure		Y
	Sensor Error		Y
	Low Battery		Y
	Door Ajar		Y
	Dirty condenser		Y
	Remote Alarm		Y
Accessories	Caster		4
	Foot		2
	Porthole		Y
	Baskets		24
	Shelves/Drawers		6/0
	Inner doors		6
	USB Interface		Y
	RS485		Y
	Temperature Recorder		Y
Others	Certification		UL

*Haier Biomedical reserves the right to change products and specifications without prior notice.

