

Advanced Blood Bank Refrigerator with LED Display



HXC-629B

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

Haier Biomedical USA

Website: www.haiermedical-usa.com

Haier Biomedical
Intelligent Protection of Life Science



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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

- Precise Temperature Control**
 - The inside temperature is consistently maintained with in $4\pm 1^{\circ}\text{C}$, 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.
- 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.
- Shelf-closing Design**
 - Eliminate the worries of users forgetting to close the door.
- 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.
- 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.



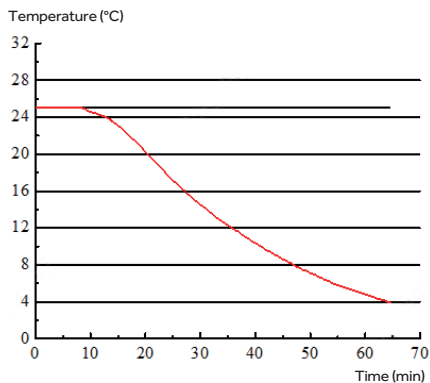
Product Parts Diagram



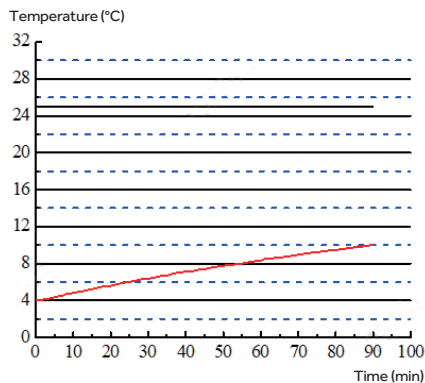
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Product Performance

Cool down curve (empty loaded)



Warm up curve (empty loaded)



Specifications



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.