

Advanced Blood Bank Refrigerator with Touchscreen



HXC-149B/429B/1369B

Scope of Application:

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 under 2~6°C temperature condition.

Innovative Design

- ◉ LCD touchscreen
- ◉ Multiple alarms
- ◉ Safe, secure and reliable
- ◉ Real-time monitor of internal temperature
- ◉ Standard stainless steel liner

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Product Advantages



Multiple Safety Protection

- Multiple alarms include high and low temperature, power failure, door ajar, sensor failure, and low battery. Also included as standard alarm features are a sound buzzer, light flashing, and remote contacts. The Built-in battery can continue to support the alarm system when there is a loss of power supply.
- Electromagnetic lock and mechanical lock as optional, dual safety guaranteed.



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.



Real-time Monitor of Internal Temperature

A dual control system of 7 high-precision sensors and mechanical thermostat ensures the temperature inside the cabinet is within the range of $4 \pm 1^{\circ}\text{C}$. The Built-in cold chain monitoring module monitors internal temperature in real-time, records historical data, and alerts abnormal temperature conditions.



Stable and Reliable Operation

The refrigeration system is powered with a high-quality, energy-efficient inverter compressor and variable speed fan motors. Temperature control responds quickly and reliably for a more uniform temperature using less power and lower noise.



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HXC-429B



HXC-1369B

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Product Parts



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

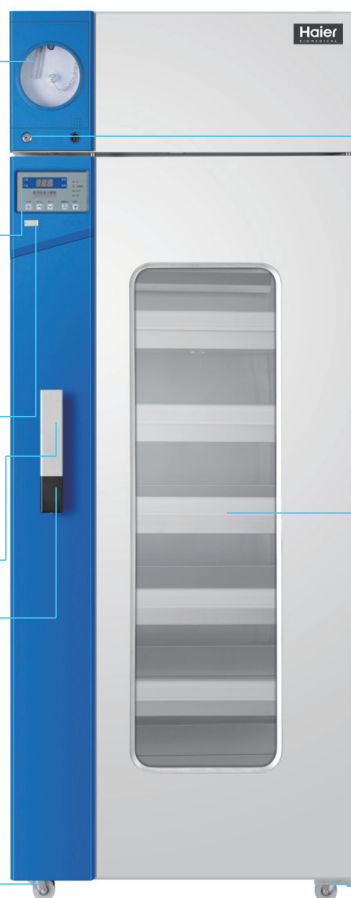
NFC (Optional)
NFC swipe card module, with safer storage management

Adjustable Feet
Easy to level and position

Optional Electromagnetic Lock and Standard Mechanical Lock
Dual safety guaranteed

Partition Drawers + Stainless Steel Slide Rail
The drawers inside the unit can be divided according to different blood types. Combined with the stainless steel slide rail design, more convenient and fast storage of blood bags

Casters
Easy to move



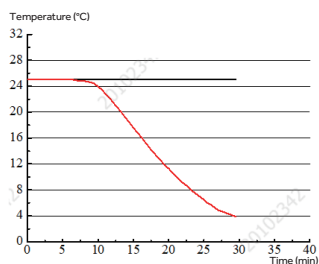
HXC-429B

Product Performance

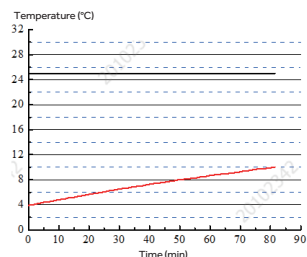


HXC-149B

Cool down curve (empty loaded)

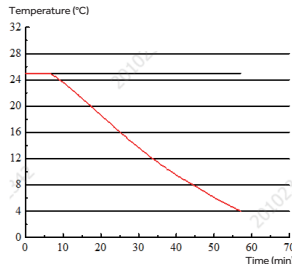


Warm up curve (empty loaded)

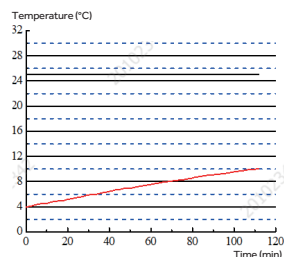


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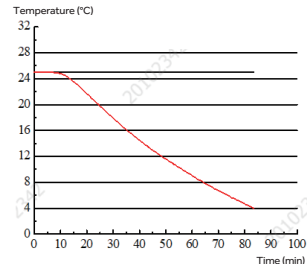


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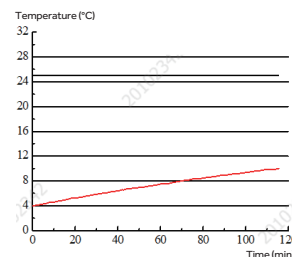


HXC-1369B

Cool down curve (empty loaded)



Warm up curve (empty loaded)



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Specifications



Model		HXC-149B	HXC-429B	HXC-1369B
Technical Data	Type	Drawer-Type	Drawer-Type	Drawer-Type
	Climate Class	N	N	N
	Cooling Type	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling
	Defrost Mode	Auto	Auto	Auto
	Refrigerant	R600a	R600a	R600a
	Sound Level (dB(A))	39	40	41
Performance	Temperature Range (°C)	2-6	2-6	2-6
	Ambient Temperature (°C)	16-32	16-32	16-32
Control	Controller	Microprocessor	Microprocessor	Microprocessor
	Display	LCD	LCD	LCD
Electrical Data	Power Supply (V/Hz)	100-115V, 50/60	100-115V, 50/60	100-115V, 50/60
	Power (W)	240	245	400
	Electrical Current (A)	1.4	1.5	2
Dimensions	Capacity (L/Cu.Ft)		149/5.3	429/15.15
	Blood Storage Capacity (450ml Blood Bags)		60	195
	Net/Gross Weight (approx)	kg	108/136	182/217
		lbs	237.6/299.2	400.4/477.4
	Interior Dimensions (W*D*H)	mm	505*560*610	505*680*1315
		in	19.7*32.3*23.8	19.7*26.5*51.3
	Exterior Dimensions (W*D*H)	mm	625*820*1150	625*940*1830
		in	24.4*30.2*44.9	24.4*36.7*71.4
	Packing Dimensions (W*D*H)	mm	730*926*1236	749*1008*1960
		in	28.7*36.5*48.7	29.5*39.7*77.2
Alarms	Container load (20'/40'/40'H)		18/38/76	18/35/35
	High/Low Temperature		Y	Y
	Power Failure		Y	Y
	Sensor Error		Y	Y
	Low Battery		Y	Y
	Door Ajar		Y	Y
	Remote Alarm		Y	Y
	Ambient Temperature		Y	Y
Accessories	Caster		4	4
	Foot		2	2
	Porthole		Y	Y
	Baskets		6	15
	Shelves/Drawers		0/2	0/5
	Inner doors		0	0
	USB Interface		Y	Y
	Temperature Recorder		Y	Y
Others	Certification		NRTL	NRTL

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