

Advanced Blood Bank Refrigerator with Touchscreen



HXC-149T/429T/629T/1369T

Scope of Application:

Applicable for storing blood and other materials under the storage environment of 2~6°C. Suitable for blood stations, hospitals, scientific research institutes, biopharmaceuticals, as key examples.

Innovative Design

- ◉ LCD touch screen
- ◉ Multiple alarms
- ◉ Safe and reliable
- ◉ Real-time control of internal temperature

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Product Advantages



Control Interface

The simple and intuitive high-definition LCD touch screen can display temperature graph, working status, events and alarm record.



Real-time Control of Internal Temperature

A dual control system of six 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.



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.
- Fingerprint and NFC card modules are optional.



NFC Rights Management (Optional)

NFC rights management system is designed with an electromagnetic lock with controllable, checkable and traceable flow direction, providing safer blood management.



HXC-1369T

HXC-629T

HXC-429T

HXC-149T

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Specifications



Model		HXC-149T		HXC-429T		HXC-629T		HXC-1369T		
Technical Data	Type	Drawer-Type		Drawer-Type		Drawer-Type		Drawer-Type		
	Climate Class	N		N		N		N		
	Cooling Type	Forced air cooling		Forced air cooling		Forced air cooling		Forced air cooling		
	Defrost Mode	Auto		Auto		Auto		Auto		
	Refrigerant	R600a		R600a		R600a		R600a		
	Sound Level (dB(A))	39		40		40		41		
Performance	Temperature Range (°C)	4±1		4±1		4±1		4±1		
	Ambient Temperature (°C)	16-32		16-32		16-32		16-32		
Control	Controller	Microprocessor		Microprocessor		Microprocessor		Microprocessor		
	Display	LCD		LCD		LCD		LCD		
Electrical Data	Power Supply (V/Hz)	220-240/50	230-/50/60	220-240/50	230-/50/60	220-240/50	230-/50/60	220-240/50	230-/50/60	
	Power (W)	240		245		255		400		
	Electrical Current (A)	1.4		1.5		1.5		2		
	Power Consumption (kWh/24h)	2.5		2.8		2.9		3.5		
Construction	Capacity (L/Cu.Ft)	149/5.3		429/15.1		629/22.2		1369/48.3		
	Blood Storage Capacity (450ml blood bags)	60		195		312		624		
	Net/Gross Weight (approx)	kg	108/136		182/217		212/252		380/445	
		lbs	237.6/299.2		400.4/477.4		466.4/554.4		836/979	
	Interior Dimensions (W*D*H)	mm	505*560*610		505*680*1315		645*680*1455		1425*680*1455	
		in	19.7*32.3*23.8		19.7*26.5*51.3		25.2*26.5*56.7		55.6*26.5*56.7	
	Exterior Dimensions (W*D*H)	mm	625*820*1150		625*940*1830		765*940*1980		1545*940*1980	
		in	24.4*30.2*44.9		24.4*36.7*71.4		29.8*36.7*77.2		60.3*36.7*77.2	
	Packing Dimensions (W*D*H)	mm	720*920*1220		725*985*1940		875*995*2090		1610*995*2090	
in		28.1*35.9*47.6		28.3*38.4*75.7		34.1*38.8*81.5		62.8*38.8*81.5		
Loading Quantities	Container load (20'/40'/40'H)	18/38/76		18/35/35		12/26/26		7/14/14		
Alarms	High/Low Temperature	Y		Y		Y		Y		
	Power Failure	Y		Y		Y		Y		
	Sensor Error	Y		Y		Y		Y		
	Low Battery	Y		Y		Y		Y		
	Door Ajar	Y		Y		Y		Y		
	Dirty condenser	Y		Y		Y		Y		
Accessories	Caster	4		4		4		4		
	Foot	2		2		2		2		
	Porthole	Y		Y		Y		Y		
	Baskets	6		15		24		48		
	Shelves/Drawers	0/2		0/5		0/6		0/12		
	Inner doors	0		0		0		0		
	USB Interface	Y		Y		Y		Y		
	Remote Alarm	Y		Y		Y		Y		
	Temperature Recorder	Optional		Y		Y		Y		
Certifications	CE	Y	/	Y	/	Y	/	Y	/	
	UL	/	Y	/	Y	/	Y	/	Y	

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