

Automated Blood Management Refrigerator



HXC-149R/429R/629R/629RB

Scope of Application:

Suitable for blood transfusion departments, operating rooms, and emergency rooms

Innovative Design

- Intelligent blood management system
- Reduce waste and improve efficiency
- Ozone sterilization
- Automated inventory checks

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Product Advantages



Reduce Waste and Improve Efficiency

Rapid, electronic cross matching, the RFID electronic tagged blood bag's position illuminates for quick retrieval. Request blood at bedside, allocate, collect and transfer whilst monitoring the temperature across the whole process.



Intelligent Blood Management System

Allows integration and coordination of blood recovery within hospitals and blood allocation between hospitals and even across regions through the blood network cloud platform. Enabling the rational use of blood upon demand, thus reducing resource consumption



Multi-mode Operation

- Blood transfusion department mode: write the blood bag information into the RFID tag, read the tag information through the antenna board, and view the blood type, expiration date and other information
- Forward mode: operating room, emergency, ICU and other scenes
- Temporary storage mode: surgical blood preparation is temporarily stored. It can be re stored if it is not used up



Drastically Improves the Speed of Delivery

Innovative blood bank system, enables the blood to be advanced to the operating room to achieve 1-minute rapid blood collection

Ergonomic Design



Ozone Sterilization

Standard ozone module, according to the actual need to set regular disinfection time, without manual disinfection



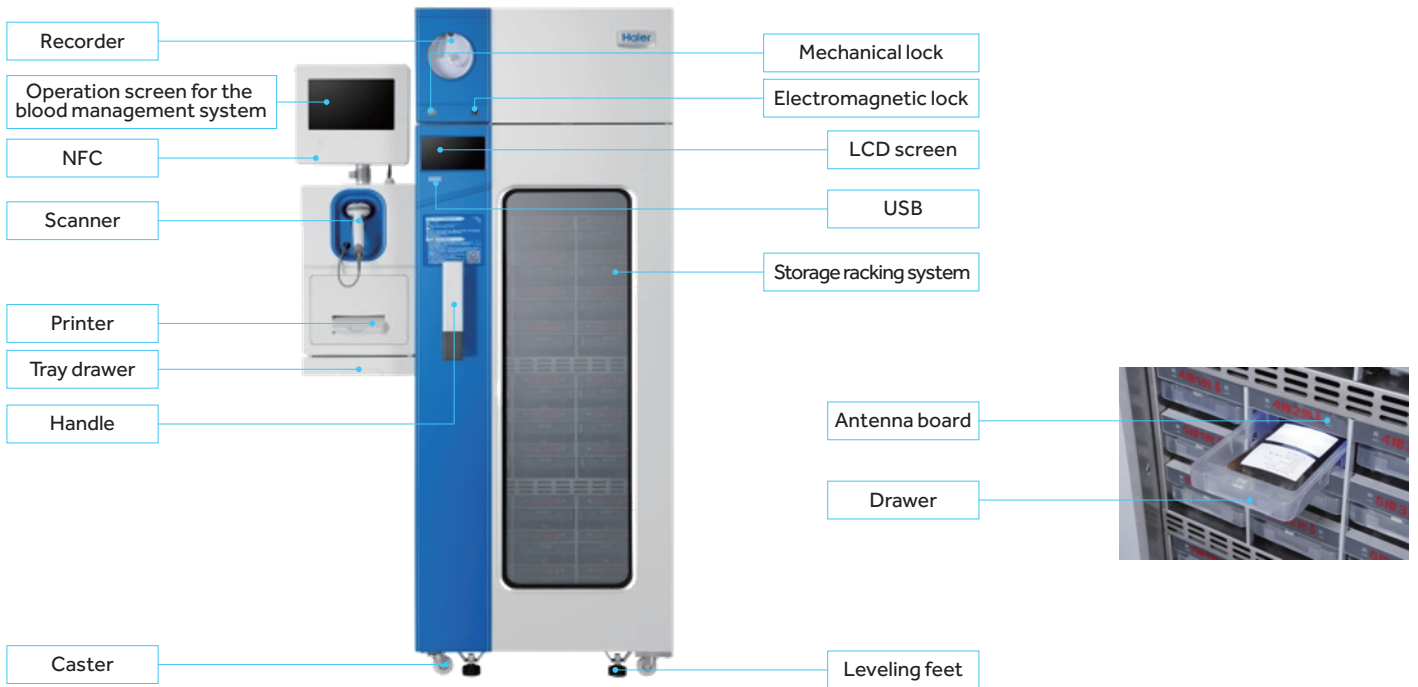
Automatic Inventory

Automatic inventory and blood bag information at a glance



Automated Blood Management Refrigerator

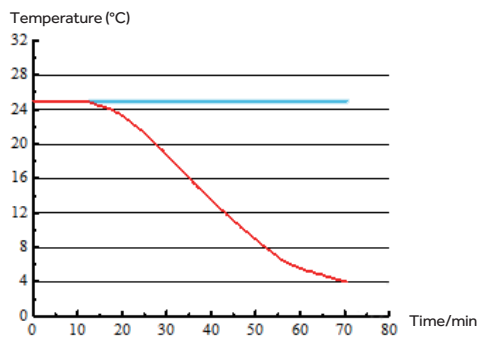
Product Parts Diagram



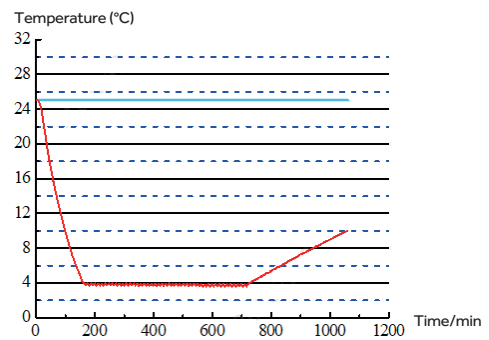
Product Performance



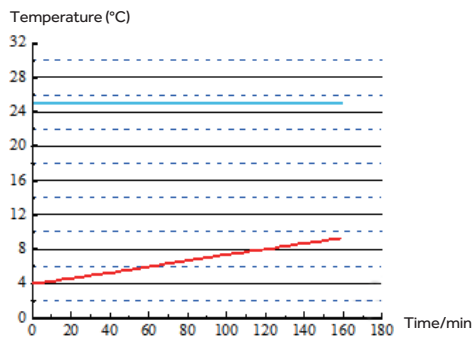
HXC-149R
Cool down curve (empty loaded)



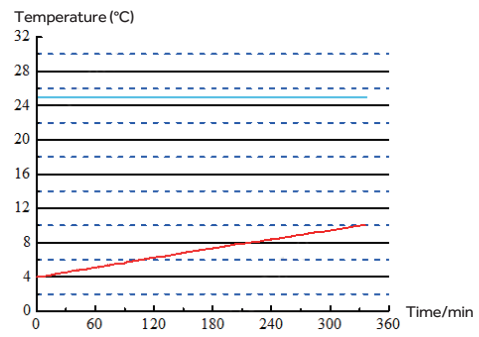
HXC-629R
Comprehensive curve (empty loaded)



Warm up curve (empty loaded)



Warm up curve (empty loaded)



Automated Blood Management Refrigerator

Specifications



Model		HXC-149R		HXC-429R		HXC-629R		HXC-629RB		
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))	40		41		41		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 Touchscreen		LCD Touchscreen		LCD Touchscreen		LCD Touchscreen		
Electrical Data	Power Supply (V/Hz)	220-240/50	230-/50/60	220-240/50	230-/50/60	220-240/50	230-/50/60	115/60		
	Power (W)	250		280		300		300		
	Electrical Current (A)	1.5		1.8		1.9		3		
	Power Consumption (kWh/24h)	2.6		2.9		3.1		3.6		
Construction	Capacity (L/Cu.Ft)	149/5.3		429/15.1		629/22.2		629/22.2		
	Blood Storage Capacity (450ml blood bags)	18		60		88		88		
	Net/Gross Weight (approx)	kg	129/179		245/280		295/335		295/335	
		lbs	283.8/ 393.8		539/616		649/737		649/737	
	Interior Dimensions (W*D*H)	mm	505*560*610		505*680*1315		645*680*1455		645*680*1455	
		in	19.7*32.3*23.8		19.7*26.5*51.3		25.2*26.5*56.7		25.2*26.5*56.7	
	Exterior Dimensions (W*D*H)	mm	625*820*1425		925*940*1830		1065*940*1980		1065*940*1980	
		in	24.4*30.2*55.6		36.1*36.7*71.4		41.5*36.7*77.2		41.5*36.7*77.2	
Packing Dimensions (W*D*H)	mm	740*945*1575		725*985*1940		875*995*2090		875*995*2090		
	in	28.9*36.9*61.4		28.3*38.4*75.7		34.1*38.8*81.5		34.1*38.8*81.5		
Loading Quantities	Container load (20'/40'/40'H)	18/36/36		18/35/35		12/26/26		12/26/26		
Alarms	High/Low Temperature	Y		Y		Y		Y		
	Power Failure	Y		Y		Y		Y		
	Sensor Error	Y		Y		Y		Y		
	Dirty Condensor	Y		Y		Y		Y		
	Low Battery	Y		Y		Y		Y		
	Door Ajar	Y		Y		Y		Y		
Accessories	Caster	4		4		4		4		
	Foot	2		2		2		2		
	Porthole	Y		Y		Y		Y		
	Drawers	9		30		44		44		
	USB Interface	Y		Y		Y		Y		
	Temperature Recorder	Y		Y		Y		Y		
	Remote Alarm	Y		Y		Y		Y		
	RS485	Y		Y		Y		Y		
Certifications	CE	Y	/	Y	/	Y	/	/		
	UL	/	Y	/	Y	/	Y	Y		

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