

# Automated Blood Management Refrigerator



**HXC-149ZZ/HXC-429RV/HXC-629RV**

## Scope of Application:

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

## Innovative Design

- Intelligent blood management system
- Reduce waste and improve efficiency
- 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.



### 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



### 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



### 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



### Safe and Security

Each drawer is equipped with an independent electronic lock to ensure that only the unique and correct blood bag can be taken out in each blood collection operation

## Ergonomic Design



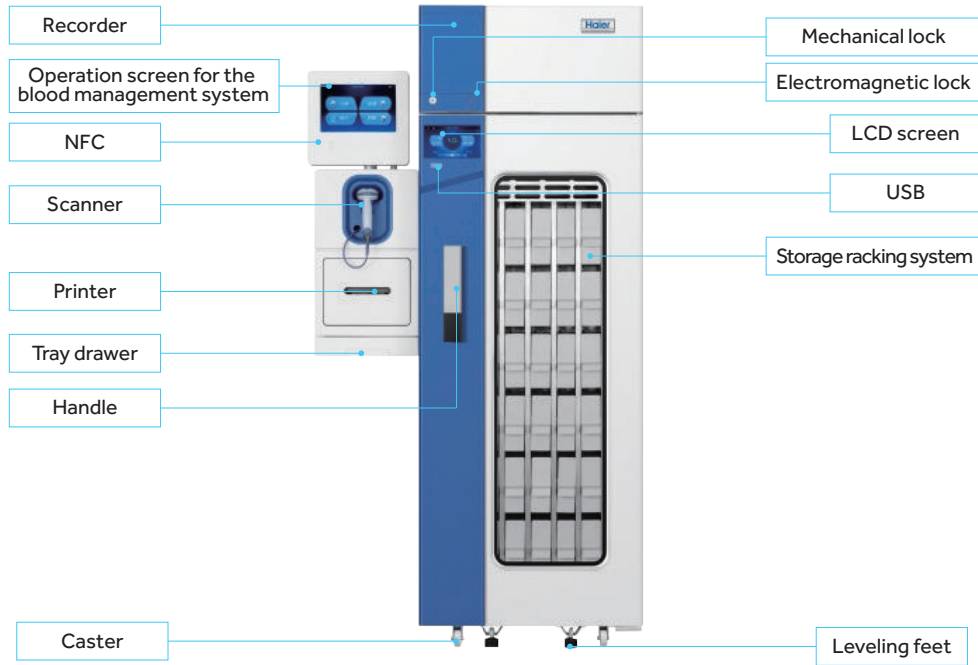
### Automatic Inventory

Automatic inventory and blood bag information at a glance



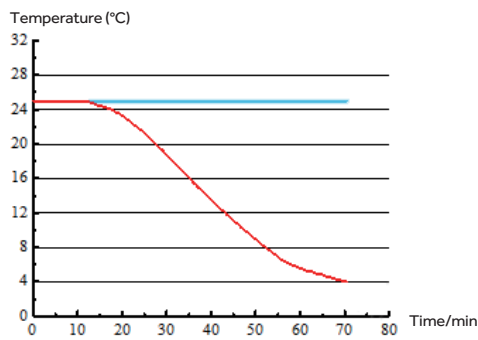
# Automated Blood Management Refrigerator

## Product Parts Diagram

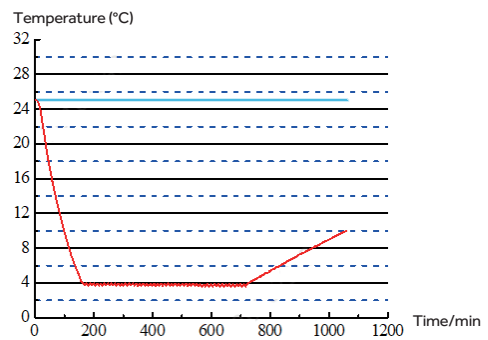


## Product Performance

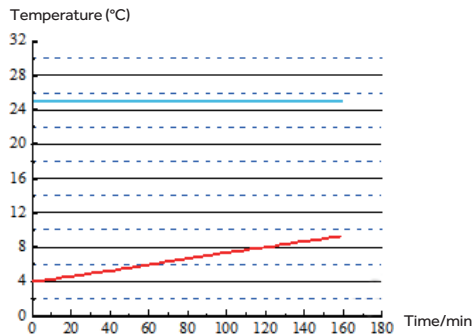
**HXC-149ZZ**  
Cool down curve (empty loaded)



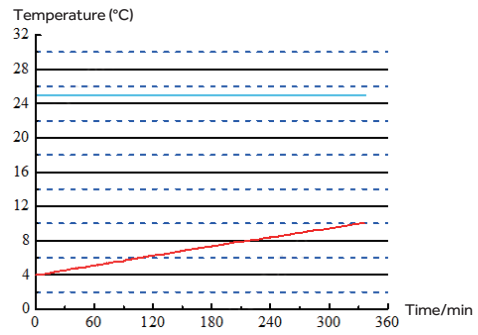
**HXC-629RV**  
Comprehensive curve (empty loaded)



Warm up curve (empty loaded)



Warm up curve (empty loaded)



# Automated Blood Management Refrigerator

## Specifications



Model		HXC-149ZZ	HXC-429RV	HXC-629RV	
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))	40	41	41	
Performance	Temperature Range (°C)	4±1	4±1	4±1	
	Ambient Temperature (°C)	16-32	16-32	16-32	
Control	Controller	Microprocessor	Microprocessor	Microprocessor	
	Display	LCD	LCD	LCD	
Electrical Data	Power Supply (V/Hz)	220-240-50	220-240/50	220-240/50	
	Electrical Current (A)	1.4	1.8	1.9	
Dimensions	Capacity (L/Cu.Ft)	149/5.26	429/15.1	629/22.2	
	Blood Storage Capacity (400ml blood bags)	12	36	48	
	Net/Gross Weight (approx)	kg	129/179	245/280	295/335
		lbs	283.8/ 393.8	539/616	649/737
	Interior Dimensions (W*D*H)	mm	505*560*610	505*680*1315	645*680*1455
		in	19.7*32.3*23.8	19.7*26.5*51.3	25.2*26.5*56.7
	Exterior Dimensions (W*D*H)	mm	625*820*1425	925*940*1830	1065*940*1980
		in	24.4*30.2*55.6	36.1*36.7*71.4	41.5*36.7*77.2
	Packing Dimensions (W*D*H)	mm	740*945*1575	725*985*1940	875*995*2090
		in	28.9*36.9*61.4	28.3*38.4*75.7	34.1*38.8*81.5
Container Load (20'/40'/40'H)		18/36/36	18/35/35	12/26/26	
Alarms	High/Low Temperature	Y	Y	Y	
	Power Failure	Y	Y	Y	
	Sensor Error	Y	Y	Y	
	Low Battery	Y	Y	Y	
	Door Ajar	Y	Y	Y	
	Remote Alarm	Y	Y	Y	
Accessories	Caster	4	4	4	
	Foot	2	2	2	
	Porthole	Y	Y	Y	
	Shelves/Drawers	0/12	0/36	0/48	
	USB Interface	Y	Y	Y	
	Temperature Recorder	Option	Y	Y	
Others	Certification	CE	CE	CE	

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