



**4°C Blood Bank Refrigerator**  
**Zirkon Series**



Zirkon-4V158



Zirkon-4V258



Zirkon-4V705



Zirkon-4V1058



## PURPOSE

- Professional refrigerator to store blood, as well as medicines and bio products
- Suitable for blood banks, hospitals, CDCs



## ERGONOMIC DESIGN

- Safety lock to prevent unauthorized access.
- Storage space designed for easy sorting of a variety of blood products.
- Caster design and interior light.



## RELIABILITY AND KEY FEATURES

- Microprocessor controlled forced-air cooling with electrical heat compensation system.
- Digital temperature display for upper and lower sections in chamber with 0.1°C resolution.
- Consistent cabinet temperature 2-6°C
- High-tech integrated sensors to display and control temperature.
- Auto-defrost to remove moisture on cooling surface.
- Large digital display for ease of observation.



## SAFETY

- Build-in backup battery to display temperature and to operate audible and visual alarm systems for up to 72 hours without ac power.
- Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light.
- Five alarm conditions : High/low temperature, power failure, voltage abnormal, door ajar, backup battery
- Standard with laser printer
- Standard with acrylic inner small door, for less affection on other room when one door open.

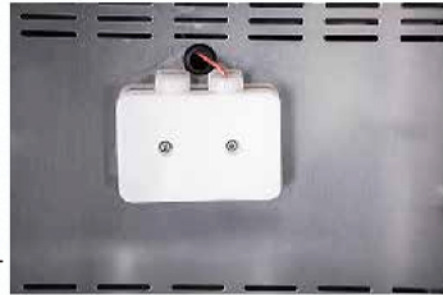




Forced air cooling system keep inside temperature stable and uniform



Individual transparent inner door can be opened independently to minimize loss of cold temperature during a door opening

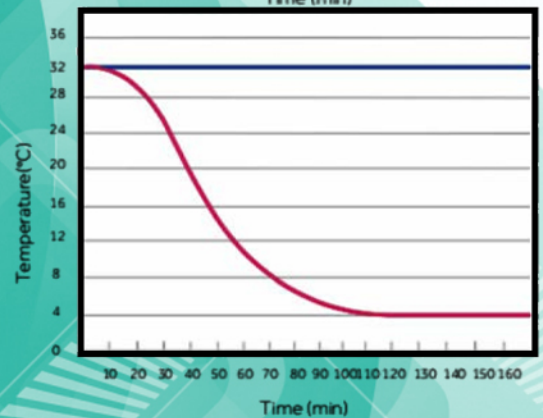
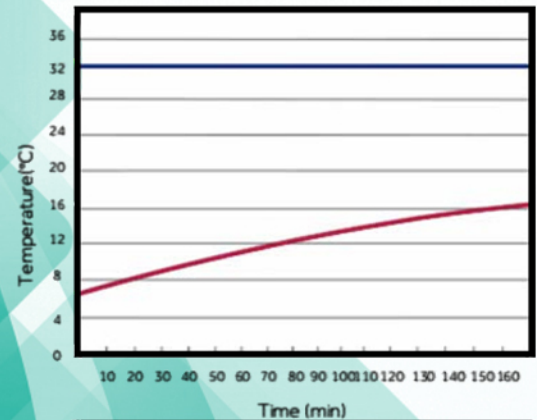


Exclusive patented temperature box design, reveal the real temperature of the blood in storage



Adjustable shelves, improve space utilization

Standard test hole





	Model	Zirkon-4V158	Zirkon-4V258	Zirkon-4V758	Zirkon-4V1058
Specifications	Shelf/drawer	Shelves/2	Shelves/4	Shelves/12	Drawers/12
	Cooling	Forced -air Cooling	Forced -air Cooling	Forced -air Cooling	Forced -air Cooling
	Defrost	Auto	Auto	Auto	Auto
	Refrigerant	R134a	R134a	R134a	R134a
	Power consumption(kWh/24h)	1.95	2.22	6.31	8.53
	Noise (db)	49.6dB(A)	51.2dB(A)	51.2 dB(A)	53.6 dB(A)
	Ambient temperature (°C)	10~32°C	10~32°C	10~32°C	10~32°C
	Temperature range (°C)	4±1°C	4±1°C	4±1°C	4±1°C
Cooling system	Compressor brand/QTY	Embraco/1	Embraco/1	Secop/1	Secop/1
	Sensor	NTC	NTC	NTC	NTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	Digital display	Digital display	Digital display	Digital display
Power	Voltage/frequency (V/Hz)	220/60Hz	220/60Hz	220/60Hz	220/60Hz
	Power (W)	160	200	364	513
	Current (A)	0.6	0.8	2.42	2.37
Material	Inside material	Stainless steel	Stainless steel	Stainless steel	Stainless steel
	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF
Size	Capacity (L)	158	258	758	1058
	Bloodbags(450ml)	66	132	360	576
	NT./GT. (kg)	50/55	67/75	165/195	256/286
	Exterior size(W*D*H)(mm)	522×600×1050	522×600×1550	1220×648×1885	1220×878×1885
	Interior size(W*D*H)(mm)	432×462×478	432×462×978	1100×454×1325	1100×684×1325
	Package size(W*D*H)(mm)	572×685×1070	572×685×1570	1300×730×2080	1300×960×2080
Alarm	High/low temperature	Y	Y	Y	Y
	Power off	Y	Y	Y	Y
	Temperature controller malfunction	Y	Y	Y	Y
	Backup battery malfunction	Y	Y	Y	Y
	Ambient temperature	10~32°C	10~32°C	10~32°C	10~32°C
	Backup battery Alarm for power off	72h	72h	72h	72h
Accessories	Caster	Y	Y	Y	Y
	Outer door/Type	1/Heating & Foam glass door	1/Heating & Foam glass door	2/Heating & Foam glass door	2/Heating & Foam glass door
	Inner door	2	4	6	6
	Test hole	1/25MM	1/25MM	1/25MM	1/25MM
	Thermal Printer	Y	Y	Y	Y
	Light	LED	LED	LED	LED
Other	Temperature recorder	Optional	Optional	Optional	Optional
	Qualifications	ISO9001,ISO13485,ISO14001	ISO9001,ISO13485,ISO14001	ISO9001,ISO13485,ISO14001	ISO9001,ISO13485,ISO14001