



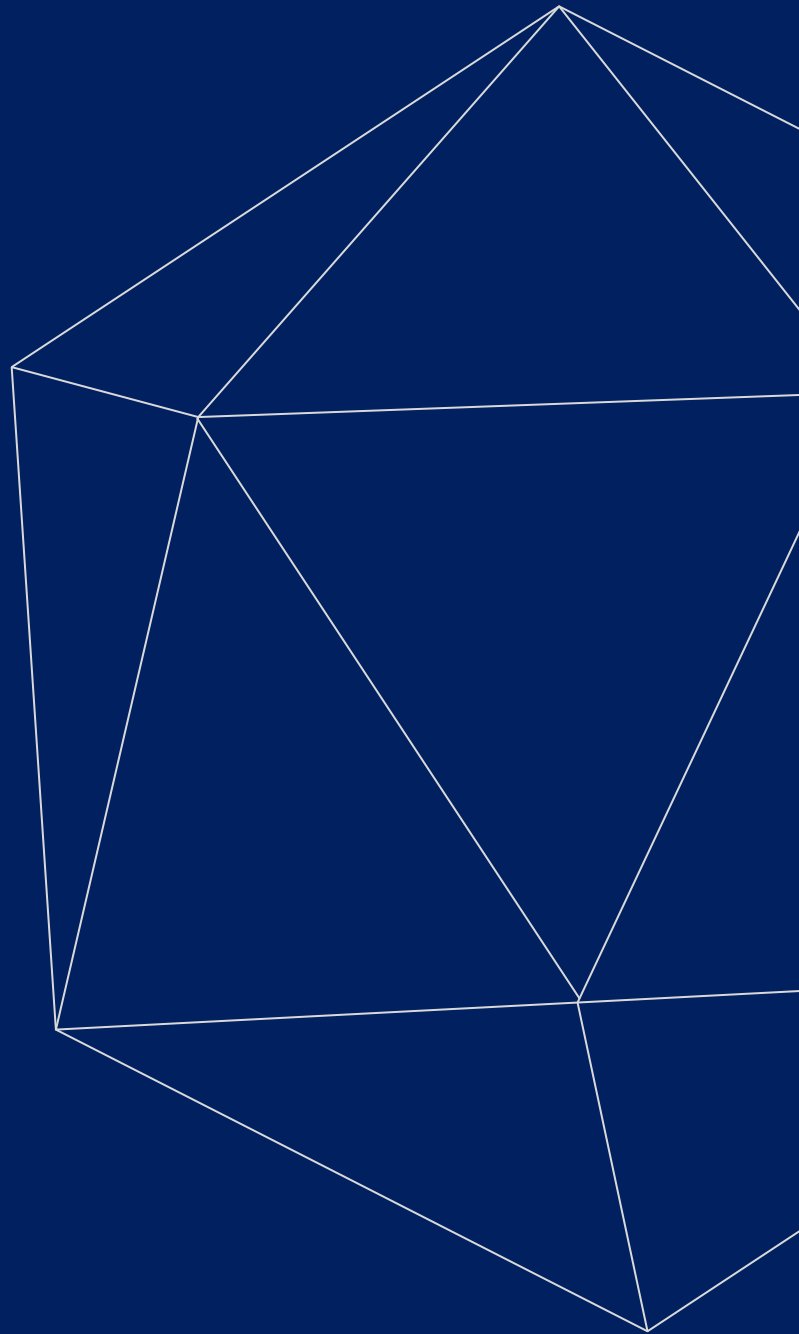
LABORATORY LINES

REFRIGERATORS AND
FREEZERS



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A different accompaniment, at your service





Kalstein®

A different accompaniment, at your service

OUR SERVICES

Benefits and Support

In Kalstein France, we take care of the full satisfaction of our customers, that is why we provide value-added services of the highest level based on our experience.



Online Inductions and Trainings

In any part of the world, receive your induction or training from our specialized team of engineers



Quick Response

Our work team is always available to response all your consults or questions, in order to support you in any situation.



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Technical Support

Enjoy of personalized advice for the correct preventive and corrective maintenance of your equipment, thanks to Kalstein's manuals and articles, special catalogues and video tutorials.



Delivery Logistics

We take care of all the necessary logistics for the dispatch of your goods, whether is by sea, land or air.



Kalstein Worldwide

With more than 25 years growing with our customers, Kalstein's multiformat and modern content, is now present in more than 10 countries and increasing.





2°C~8°C Medical Refrigerator Series Models YR05086

Kalstein's 2°C~8°C Pharmacy refrigerator YR05086 is pharmaceutical grade refrigerators for vaccines, storing sensitive materials in pharmacies, medical offices, laboratories, clinics, or scientific institutions. It is produced in quality and durability, and meets the stringent guidelines demands for medical and laboratory grade. YR05086 medical fridge are suitable for installation in drug stores, pharmaceutical companies, hospitals, epidemic prevention centers and clinics.

Features

Characteristic Function

- ✓ Safety door lock design to avoid door ajar
- ✓ Big digital screen display for easy observation
- ✓ Optional testing hole
- ✓ Adjustable shelves
- ✓ Inner light design for clear display

Safety

- Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light.
- Capable of alerting failures due to high and low temperature sensor error, door ajar, power failure and low battery.

Ergonomic Design

- Optimized space utilization design with multi-level and adjustable shelf height to accommodate storage requirement of pharmaceutical products of Various kinds.
- Safety lock to prevent unauthorized access Caster design and leveling legs. LED Interior light.

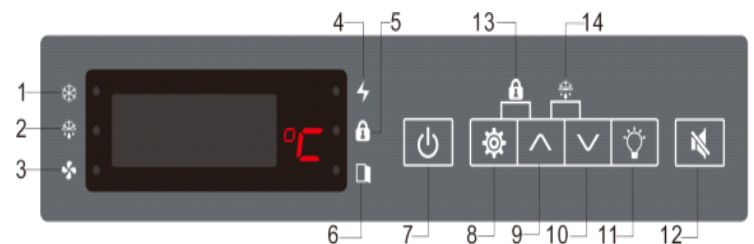
Reliability and key features

- High efficiency specialty compressor with know field reliability.
- Permanently lubricated cooling fan for safety and longevity.
- Forced-air cooling with optimized air distribution system designed.
- To achieve maximum temperature uniformity and stability.
- Optimized refrigeration system design for more effective cooling and Speedy recovery.
- Temperature variation within ± 3 °C
- Adjustable temperature range 2-8 °C
- Microprocessor control, digital display, and temperature adjustment with an increment of 0,1 °C.
- Large digital display screen.

Forced Air-Cooling System

- Advance forced cooling system to keep inside temperature stable and uniform. Finned evaporator with special cycle design of forced air cooling system to assure no-frost inside.


Control Panel



- | | | | |
|------------------------------------|-------------------|---------------------------------|---------------|
| 1-Cooling State | 2-Defroting State | 3.Fan state | 4-Power State |
| 5-Button Lock | 6-Door State | 7-Power on/off | 8.-Set |
| 9-Set up | 10-Set down | 11-Light switch | 12-Mute |
| 13-Keyboard lock (Combined Button) | | 14-Defrost Key(Combined button) | |

Alarm	Alarm Triggering Condition
High Temperature	Temperature reaches the warm alarm limit
Low Temperature	Temperature reaches the low alarm limit
Power Failure	Equipment loses power
Door Ajar	Door open audible and visual alarm



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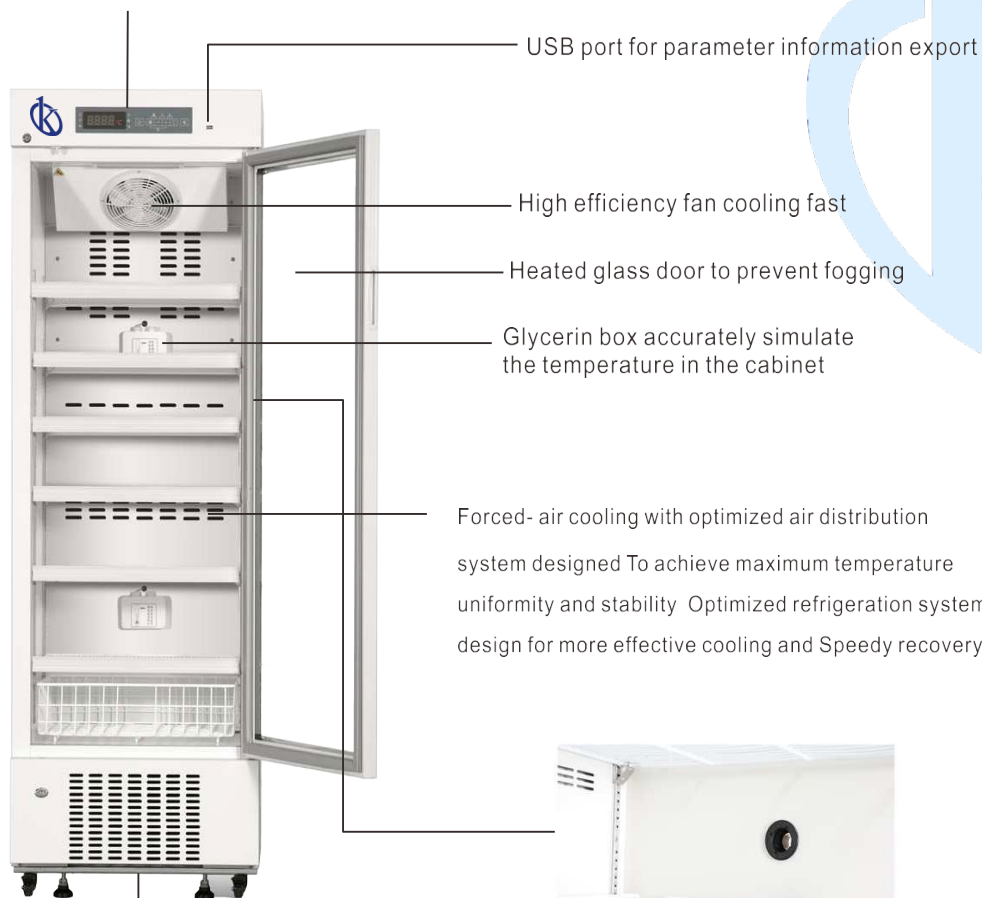


2°C~8°C Medical Refrigerator
Serie YR05086

Energy-saving and environmental friendly



Equipped with a complete temperature alarm system featuring audible buzzer and visible flashing light Capable of alerting failures due to high and low temperature sensor error, door ajar, power failure and low battery



USB port for parameter information export

High efficiency fan cooling fast

Heated glass door to prevent fogging

Glycerin box accurately simulate the temperature in the cabinet

Forced- air cooling with optimized air distribution system designed To achieve maximum temperature uniformity and stability Optimized refrigeration system design for more effective cooling and Speedy recovery



Test Hole- for monitor sensor and temperature test

Optimized space utilization design with multi - level and adjustable shelf height to accommodate storage requirement of pharmaceutical products of various kinds. Safety lock to prevent unauthorized access.Caster design and leveling legs
LED Interior light



YR05085 (416L)



YR05086 (656L)



YR05083 (60L)



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2°C~8°C Medical Refrigerator Serie YR05086



	Model	YR05288	YR05290	YR05085	YR05289	YR05086	YR05087
Specifications	Shelf/drawer	Shelves/5	Shelves*6/Basket*1	Shelves*6/Basket*1	Shelves/5	Shelves/10	Shelves/10
	Cooling method	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling	Forced Air Cooling
	Defrost	Auto	Auto	Auto	Auto	Auto	Auto
	Refrigerant	R290	R290	R134a	R134a	R600a	R600a
	Power consumption(kWh/24h)	1.78	2.8	3.97	2.37	5.75	6.23
	Noise (db)	50	50	50	50	52	53
	Ambient temperature (°C)	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C	10~32°C
Temperature range (°C)	2~8°C	2~8°C	2~8°C	2~8°C	2~8°C	2~8°C	
Cooling system	Compressor brand/QTY	China Brand/1	China Brand/1	China Brand/1	China Brand/1	China Brand/1	China Brand/1
	Sensor Type	NTC	NTC	NTC	NTC	NTC	NTC
	Temperature controller	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor	Microprocessor
	Display	Digital display	Digital display	Digital display	Digital display	Digital display	Digital display
Power	Voltage/frequency (V/Hz)	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz	220/50Hz
	Power (W)	228W	216W	280W	240W	385W	425W
	Current (A)	1.2A	1.46A	1.7A	1.3A	2.3A	2.4A
Material	Inside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Outside material	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel	Color sprayed steel
	Insulation	PURF	PURF	PURF	PURF	PURF	PURF
Size	Capacity (L/cu.ft)	316/11.15	316/11.15	416/14.69	416/14.69	656/23.16	1006/35.52
	NT/GT. (kg)	92.5/100	92.5/100	120/133	120/133	166/184	189/213
	Exterior size(W*D*H)(mm)	660*555*1915	660*555*1915	800*552*1940	800*552*1940	1240*630*1895	1240*820*1900
	Interior size(W*D*H)(mm)	540*425*1380	540*425*1380	685*429*1380	685*429*1380	1100*454*1325	1100*684*1325
	Package size(W*D*H)(mm)	720*680*2040	710*640*1970	890*655*2100	890*655*2100	1335*710*2000	1335*945*2000
	CBM	0.90	0.90	1.22	1.22	1.90	2.52
	20GP/40GP/40HQ	27/54/54	27/54/54	18/39/39	18/39/39	12/27/27	8/18/18
Alarm	High/low temperature	Y	Y	Y	Y	Y	Y
	Power failure	Y	Y	Y	Y	Y	Y
	Thermostat failure	Y	Y	Y	Y	Y	Y
	Backup battery failure alarm	/	Y	Y	/	/	/
	Condenser fault alarm	/	Y	Y	/	/	/
	Ambient Temperatures	/	Y	Y	/	/	/
	Voltage abnormality alarm	/	/	/	/	/	/
	Door ajar	Y	Y	Y	Y	Y	Y
	System abnormal alarm	/	/	/	/	/	/
	Power failure backup system(alarm)	8h	48h	48h	8h	8h	8h
Accessories	Foot	Y	Y	Y	Y	/	/
	Castor	Y	Y	Y	Y	Y	Y
	Outer door/Type	1/Glass /Low-E	1/Heating glass door with automatic rebound	1/Heating glass door with automatic rebound	1/Glass /Low-E	2/Heating glass door with automatic rebound	2/Heating glass door with automatic rebound
	Door Lock	1	1	1	1	2	2
	Test hole QTY/diameter	1/25mm	1/25mm	1/25mm	1/25mm	1/25mm	1/25mm
	Lamp	LED	LED	LED	LED	LED	LED
	USB port	Optional	Y	Y	Y	Y	Optional
	Temperature recorder	Optional Datalogger	Optional Datalogger	Optional Datalogger	Optional Datalogger	Optional chart recorder	Optional Datalogger
	Remote alarm port	Y	Y	Y	Y	Y	Y
	RS232/485 port	/	Y	Y	/	/	/
Other	Certification	ISO,CE	ISO	ISO	ISO,CE	ISO,CE	ISO,CE



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Kalstein YR05086 2~8°C Pharmacy Refrigerator (656 liters) is widely used in hospitals pharmacy stores and laboratories. This is for placing and preserving storage such as drugs, vaccines, enzymes, hormones, stem cells, extracted RNA and gene libraries and important biological and chemical reagents.

FEATURES



Fast pull down
Real air-forced cooling system



Super large space
1006-liter (35.5 cu.ft) space, more storage



Suction circulation system
Big fans for better temp uniformity



Universal castor wheels
Castors with brake & leveling feet



Lockable doors
2 Standard locks with keys for 3 doors



High quality steel material
Antibacterial and corrosion resistant



Precise temp. control
Temp. control accurate to 0.1°C



5 types of alarm
Audible and visual alarms



Variable space
Height adjustable shelves



Eco-friendly
CFC-free refrigerant and energy-saving



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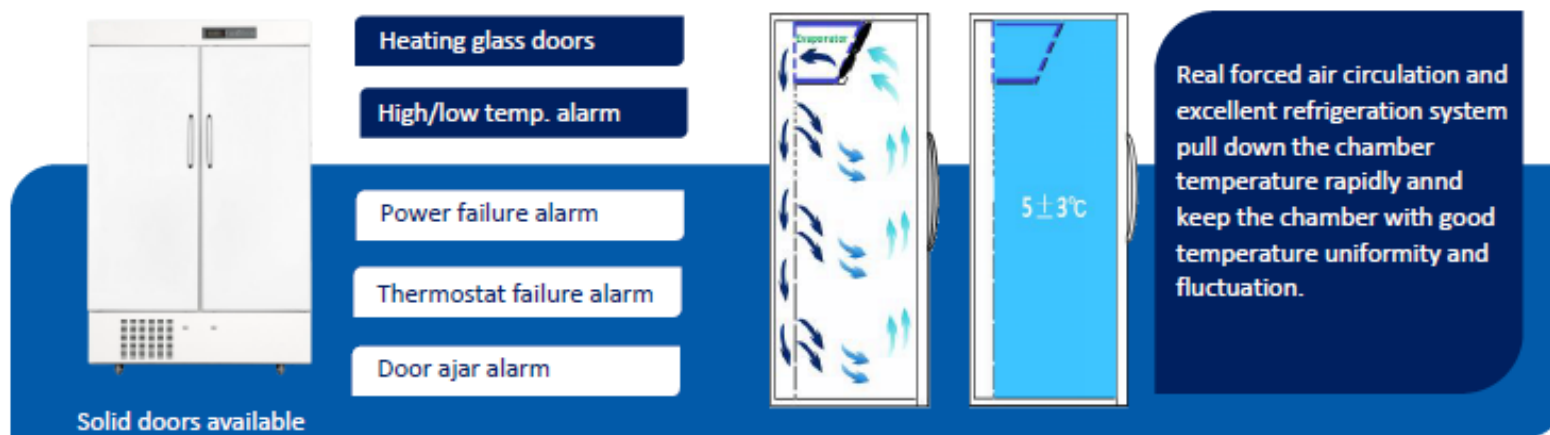
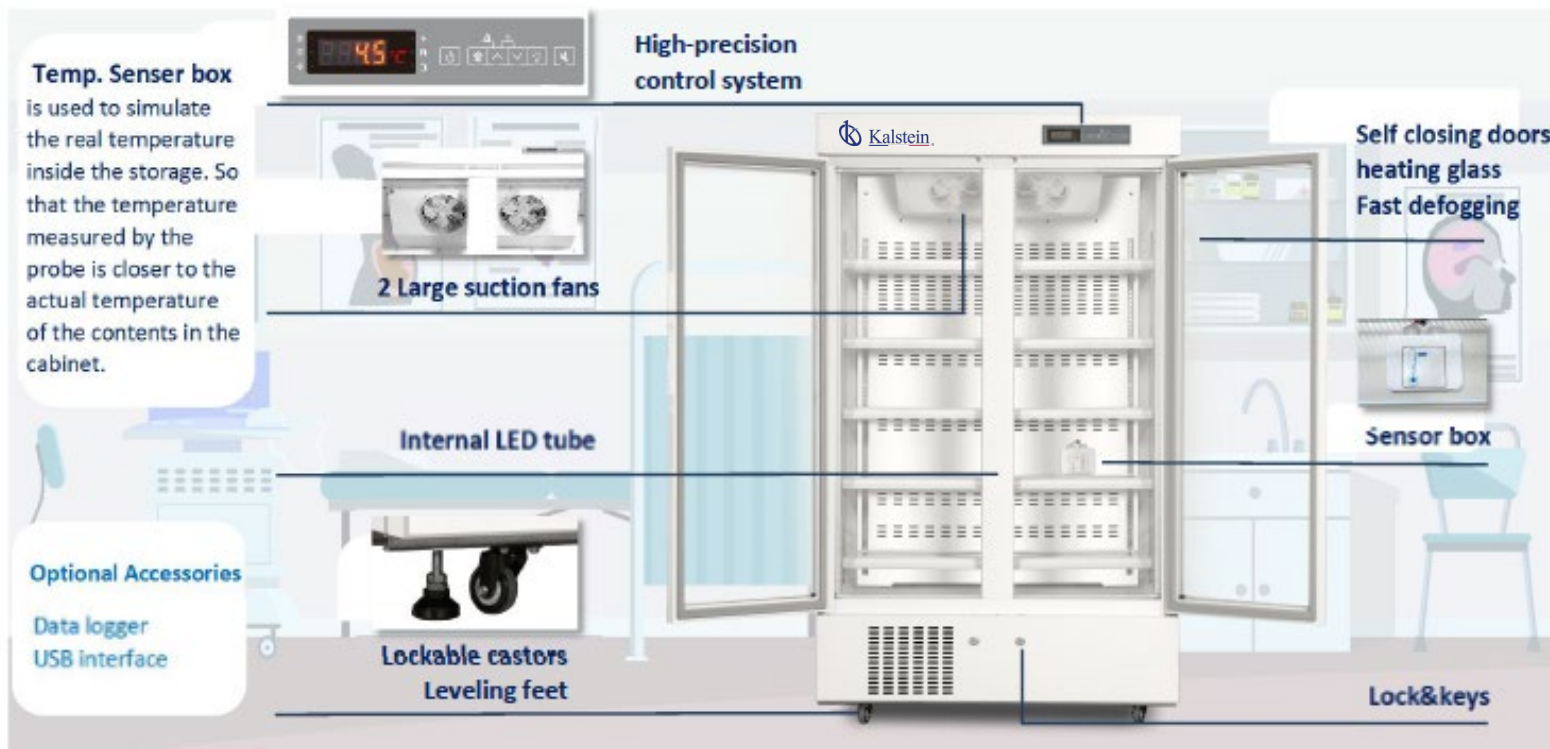


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2°C~8°C Medical Refrigerator
Serie YR05086 (656L)

STRUCTURE



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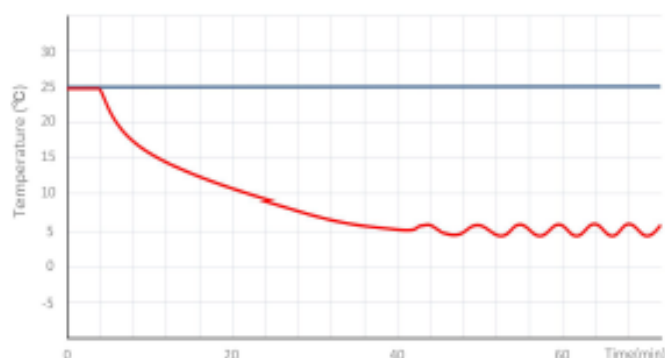
2°C~8°C Medical Refrigerator

Serie YR05086 (656L)

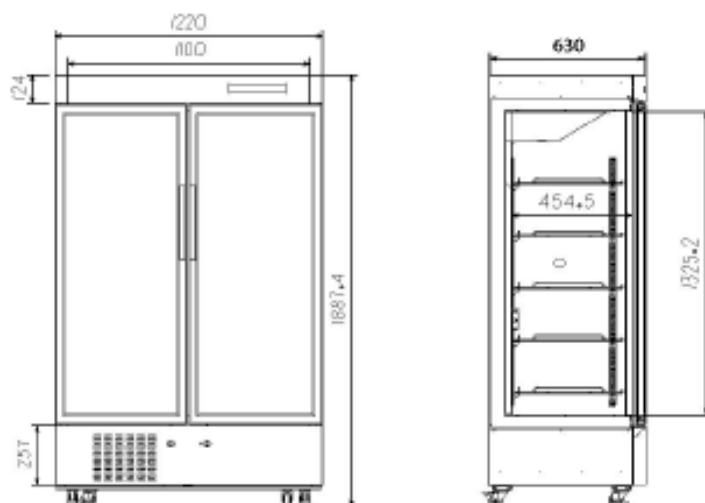
PARAMETER

Performance		Refrigeration System		Alarms	
Cooling method	Forced Air Cooling	Refrigerant	R290	High/low temperature	Y
Defrost	Auto	Temp. controller	Microprocessor	Power failure	Y
Shelf/drawer	Shelves/10	Sensor	NTC	Sensor error	Y
Temperature range	2°C~8°C	Display	Digital display	Controller failure	Y
Ambient temperature	10~32°C	External material	Sprayed steel	Door ajar	Y
Noise (db)	52	Compressor QTY	1	Power failure backup	8 hours

Electrical Data		Dimensions		Other	
Voltage frequency(V/Hz)	220V 50Hz/60Hz	Package size(W*D*H)(mm)	1335*710*2000	Inside door	10 shelves
Power (W)	385W	Capacity (L/cu.ft)	656/23.16	Remote alarm port	Optional
Current (A)	2.3A	Exterior size(W*D*H)(mm)	1240*630*1895	Access port QTY/Dia.	1/25mm
Power consumption	5.75kWh/24h	Interior size(W*D*H)(mm)	1100*454*1325	Internal material	Sprayed steel



PULL DOWN TEST



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Lockable doors

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Antibacterial and corrosion resistant



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Temp. control accurate to 0.1°C



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Audible and visual alarms



Variable space

Height adjustable shelves



Eco-friendly

CFC-free refrigerant and energy-saving



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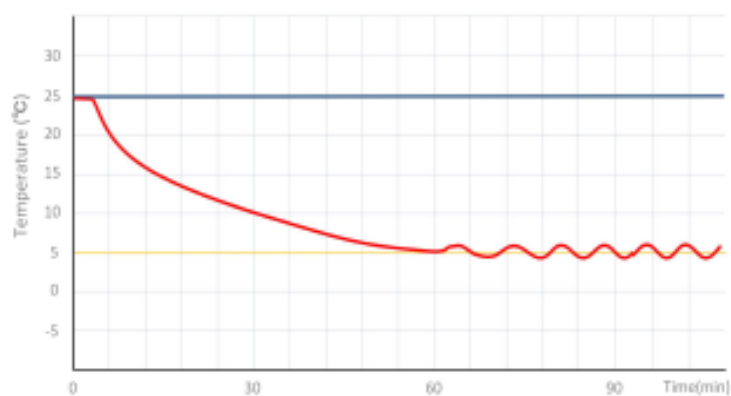
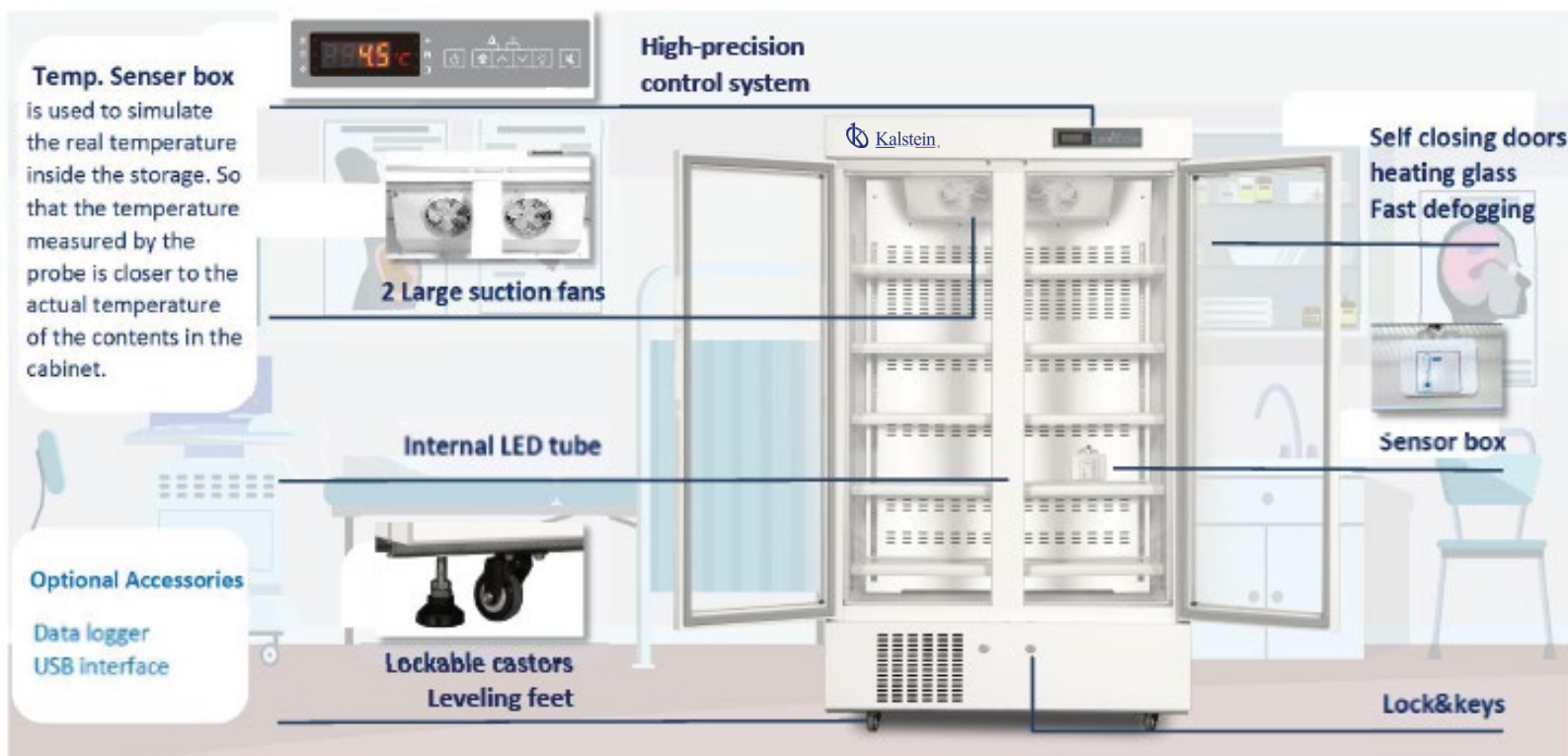


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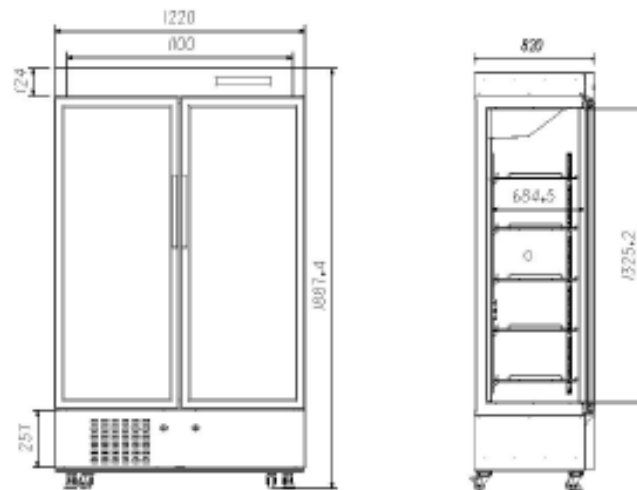


2°C~8°C Medical Refrigerator Serie YR05087 (1006L)

STRUCTURE



PULL DOWN TEST



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2°C~8°C Medical Refrigerator

Serie YR05087 (1006L)



Heated glass doors

High/low temp. alarm

Power failure alarm

Thermostat failure alarm

Door ajar alarm



Real forced air circulation and excellent refrigeration system pull down the chamber temperature rapidly and keep the chamber with good temperature uniformity and fluctuation.

PARAMETER

Performance		Refrigeration System		Alarms	
Cooling method	Forced Air Cooling	Refrigerant	R290	High/low temperature	Y
Defrost	Auto	Temp. controller	Microprocessor	Power failure	Y
Shelf/drawer	Shelves/10	Sensor	NTC	Sensor error	Y
Temperature range	2°C~8°C	Display	Digital display	Controller failure	Y
Ambient temperature	10~32°C	External material	Sprayed steel	Door ajar	Y
Noise (db)	53	Compressor QTY	1	Power failure backup	8 hours

Electrical Data		Dimensions		Other	
Voltage frequency(V/Hz)	220V 50Hz/60Hz	Package size(W*D*H)(mm)	1335*945*2000	Inside door	10 shelves
Power (W)	425W	Capacity (L/cu.ft)	1006/35.5	Remote alarm port	Optional
Current (A)	2.4A	Exterior size(W*D*H)(mm)	1240*820*1900	Access port QTY/Dia.	1/25mm
Power consumption	6.23kWh/24h	Interior size(W*D*H)(mm)	1100*684*1325	Internal material	SUS 304



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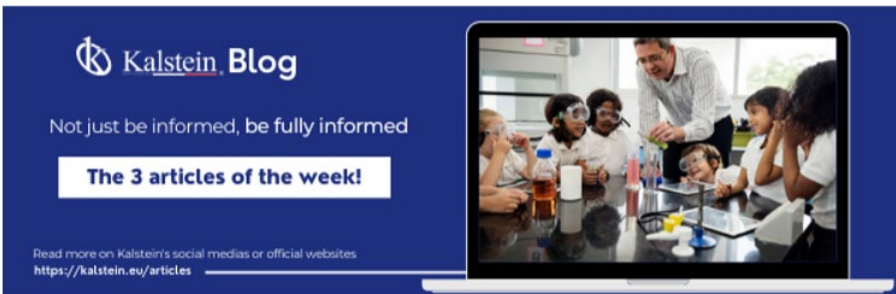
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The 3 articles of the week!

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1
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How does the climate affect your microscope?

microscope is an instrument that allows observing and measuring objects that are too small to be seen with the naked eye. This is achieved through a complex system of lenses and mirrors, which form

Kalstein Blog

Article of the week:
How does the climate affect your microscope?

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2
Read this ARTICLE NOW

What is the importance of the laboratory refrigerator?

refrigerator is a device that is one of the most common pieces of laboratory equipment. Its purpose is to maintain, in a controlled environment (refrigerated space), various fluids and substances

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Article of the week:
What is the importance of the laboratory refrigerator?

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