

MEDICAL REFRIGERATOR



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Engineered to meet the demanding requirements of laboratory research. Major feature like forced air circulation system makes this product highly effective and reliable to provide quick freezing. Designed Environment friendly with no ozone-damaging chemicals and space saving with easier cleanability.

Used in Industry, Cosmetic, Pharmaceutical, Electronics, Laboratory, Medical, Research.

Also known as Laboratory Medical Refrigerator.

RM11 SERIES 2°C-10°C MEDICAL REFRIGERATOR

- Forced-air cooling circulate system ensure rapid and reliable temperature recovery
- Air-cooled chiller finned evaporator with unique circulation system designed to ensure frost-free cooler environment
- Microprocessor-based temperature controller
- Digital display
- Alarms: High and low temperature alarms, Sensor failure alarm, Power failure alarm
- Two alarm styles: buzzing, flashing
- Safety lock design prevents any abnormal door status
- Optional: Thermal printer temperature recorder, USB data download functions, Test hole, Monitoring module and exclusive software for remote monitoring



SPECIFICATIONS

Model	RM111	RM112	RM113	RM114
Capacity	45 L	55 L	75 L	105 L
Temperature Range	2~8℃			
Temperature Resolution	0.1℃			-
Climatic class	N			
External Size	450Wx450Dx575H mm	470Wx450Dx670H mm	470Wx450Dx850H mm	505x525x900 mm
Weight	14.5 kg	21 kg	25 kg	28 kg
Power	60 W	70 W		80 W
Power Supply	220 V, 50 Hz			

RM12 SERIES 2°C-10°C MEDICAL REFRIGERATOR



RM121



RM122, RM123, RM124



RM125



RM126



RM127



RM128

FEATURES

	RM121	RM122	RM123	RM124	RM125	RM126	RM127	RM128
Microprocessor controller	•	•	•	•	•	•	•	•
Audible and visual alarm	•	•	•	•	•	•	•	•
Four units lockable Caster are mounted under the bottom	•	•	•	•	•	•	•	•
Combined with two exact sensors and one auto defrost seonsor	•	•	•	•	•	•		
Upright type, Exterior made from structural plate, interior made from ABS material	•	•						
Two-layer glass door, and inert gas inside and lockable	•	•	•	•	•	•		
Interior fluorescent lighting	•	•	•	•	•	•	•	
Adjustable 4-5 units shelves made of quality steel wire	•	•		•				
Forced air circulation system	•	•	•	•	•	•	•	
Highly effective condenser and expansile evaporator to provide quick freezing	•	•	•	•	•	•	•	
Upright type, Exterior made from stainless steel, interior made from ABS material			•			•		
Adjustable 12 units shelves made of quality steel wire			•			•		
One unit of Germany Danfoss compressor and two units of EBM fan motor			•		•	•		
Upright type, Exterior made from structural plate, interior made from stainless steel				•				
Door with heater to prevent ice collect					•			
Upright type, Exterior and interior made from stainless steel					•			
8 units shelves made of quality steel wire					•			
Combined with five exact sensors and auto defrost							•	
Functions for compressor safety work when sensor failure							•	
Two-layer glass door with heater, and inert gas inside and lockable							•	
Back up battery support recorder work and controller display							•	
Upright type, Exterior is steel board with paint, internal body is							•	

made of stainless steel									
USB functions, can store 3 years data and download								•	
Front opening lockable door with full height handle									•
Interior is made up of high quality ABS material, Exterior is of of high quality structural steel, resistant to corrosion and easy to clean									•
keyboard lock and password protected to prevent the adjustment of the operating parameters									•
Equipped with back up battery, could support power for alarm and display system for 72 hours during power failure									•
2-layer glass door with heater to prevent from condensation									•
Standard with USB interface for temperature data download									•

SPECIFICATIONS

Model	RM121	RM122	RM123	RM124
Capacity	260 L	300 L	330 L	520 L
Temperature Range	2~8°C		-	2~8°C
Ambient Temperature	0°C to 32°C			
Controlling Precision	1°C			
Display Accuracy	0.1°C			
Refrigerant	R134a, CFC free	R134a, CFC free	-	R134a, CFC free
Refrigeration System	International famous compressor and Germany EBM fan motor		-	International famous compressor and Germany EBM fan motor
Controller	Microprocessor Controller	Microprocessor Control with LCD Displayer	-	Microprocessor Control with LCD Displayer
Alarms	High & low temperature alarm, Door open alarm, Sensor failure alarm		-	High & low temperature alarm, Door open alarm, Sensor failure alarm
External Size	590x603x1556 mm	590x603x1265 mm	570x642x1940 mm	710x785x1975 mm
Package Size	675x725x1625 mm	675x725x1625 mm	-	870x990x2150 mm
Optional	Remote alarm system	Remote alarm system	-	Remote alarm system
Weight	80/90 kg	90/100 kg	100 kg	120/140 kg
Power	215 W		200 W	300 W
Power Supply	220 V,50/ 60 Hz, 110 V,50/60 Hz	220 V,50/ 60 Hz, 110 V,50/60 Hz	-	220 V,50/ 60 Hz, 110 V,50/60 Hz
Internal Size	-	-	475x540x1335 mm	-
Shelf QTY(unit)	-	-	4	-
Shelves	-	-	-	-
Climatic class	-	-	-	-

Model	RM125	RM126	RM127	RM128
Capacity	968 L	1500 L	355 L	395 L
Temperature Range	2~8°C			

Ambient Temperature	0°C to 32°C		0°C to 38°C	0°C to 32°C
Controlling Precision	1°C			
Display Accuracy	0.1°C			
Refrigerant	R134a, CFC free			R600a
Refrigeration System	International famous compressor and Germany EBM fan motor			Huayi Compressor
Controller	Microprocessor Control with LCD Displayer			
Alarms	High & low temperature alarm, Door AJAR alarm, Sensor failure alarm, Power failure alarm, Low battery alarm	High & low temperature alarm, Door open alarm, Sensor failure alarm	High or low temperature alarm, Door open alarm, Sensor failure alarm	High and low temperature alarm, Sensor failure alarm, Door open alarm, Power failure alarm and low battery alarm
External Size	780x1200x1894 mm	748x1800x1965 mm	625x616x1960 mm	650x697x1815 mm
Package Size	885x1300x2165 mm	920x1950x2140 mm	-	-
Optional	Remote alarm system	Remote alarm system, Chart recorder	-	-
Weight	120/140 kg	230/260 kg	190 / 200 Kg	140 / 146 Kg
Power	700 W	830 W	385 W	-
Power Supply	220 V,50/ 60 Hz, 110 V,50/60 Hz		220V,50/ 60HZ, 110V,50/60HZ	
Internal Size	-	-	495x550x1350 mm	550x540x1415 mm
Shelf QTY(unit)	-	-	-	-
Shelves	-	-	Adjustable 7 units steel wire shelves	Adjustable 5 shelves +1 (Storage basket)
Climatic class	-	-	N	-

ACCESSORIES

Accessory Code	Name	For Models
RX1001	Temperature Printer	RM125, RM127
RX1002	Chart Recorder	RM125

OPTIONAL ACCESSORIES

Accessory Code	Name	For Models
RX1001	Temperature Printer	RM121, RM122, RM123, RM124, RM126
RX1002	Chart Recorder	RM121, RM122, RM123, RM124, RM126, RM127
RX1003	7 days inkless graphic temperature recorder	RM123, RM125, RM126

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