Medical Refrigerator, Temperature 2-8°C, Capacity 62~1500L & Laboratory cold storage system

Microprocessor Control
Ensures the most accurate inside temperature at 2-8 ℃ and makes temperature resolution 0.1 ℃.

Forced-Air Cooling
Reduces the physically induced temperate drop and enables an constant temperature to be maintained.
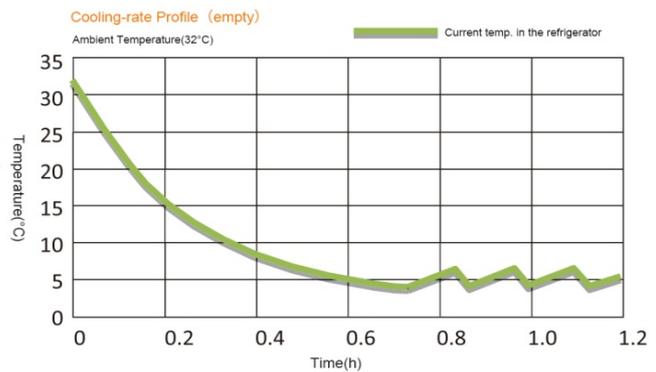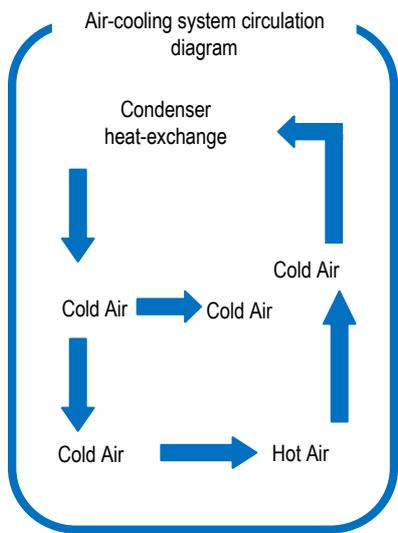
Door Lock
Safety Lock to prevent unauthorized access which protects the storage in safe environment.

Heavy Duty Castors
Castors with break, easy moving and stop.

Air-cooling System Good temperature uniformity

Equipped with drainage system to prevent ponding

Finned evaporator, no frost design.

Three-layer toughened glass door, with heat-mirror films to prevent condensation.

Accurate microprocessor control systems, excellent air cooling system and professional refrigerant system to ensure temperature 2~8°C Featuring Industrial design ensures heavy duty use and beautiful appearance. It is a necessary equipment for hospital and laboratory to store drugs, vaccines, reagent, enzyme, etc.

Air-cooling system circulation diagram

Condenser heat-exchange

Cold Air

Cold Air → Cold Air

Cold Air

Cold Air → Hot Air

Cooling-rate Profile（empty）

Ambient Temperature(32°C)

Current temp. in the refrigerator

Temperature(°C) vs Time(h)

Temperature Rising Profile（empty）

Ambient Temperature(32°C)

Current temp. in the refrigerator

Temperature(°C) vs Time(h)

ST-MPC-5V62

Model	ST-MPC-5V62	Capacity (L)	62L
External Size(mm)	470 X 450 X 670	N.W./G.W.(kg)	21/22
Inner Size(mm)	382 X 347 X 528		
Package Size(mm)	535 X 520 X 750	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	60	Inner Material	HIPS
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤46
Alarm System	High/low temperature, sensor failure		
Optional Accessories	Remote alarm system		

ST-MPC-5V130

Model	ST-MPC-5V130	Capacity (L)	130L
External Size(mm)	500 X 503 X 1292	N.W./G.W.(kg)	45/50.5
Inner Size(mm)	418 X 390 X 668		
Package Size(mm)	585 X 595 X 1370	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	150	Inner Material	Embossed Al board
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤49.8
Alarm System	High/low temperature, sensor failure, door ajar, power failure(8h)		
Optional Accessories	Remote alarm system, temperature printer		

ST-MPC-5V150

Model	ST-MPC-5V150	Capacity (L)	150L
External Size(mm)	595 X 585 X 837	N.W./G.W.(kg)	50/55
Inner Size(mm)	525 X 426 X 730		
Package Size(mm)	660 X 660 X 970	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	65	Inner Material	HIPS
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤48
Alarm System	High/low temperature, sensor failure, door ajar, power failure(8h)		
Optional Accessories	Remote alarm system		

ST-MPC-5V236

Model	ST-MPC-5V236	Capacity (L)	236L
External Size(mm)	580 X 560 X 1785	N.W./G.W.(kg)	75/82
Inner Size(mm)	500 X 420 X 1090		
Package Size(mm)	740 X 690 X 1910	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	254	Inner Material	Color sprayed steel
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤46
Alarm System	High/low temperature, sensor failure, door ajar, power failure(8h)		
Optional Accessories	Remote alarm system, temperature printer		

MPC-5V300

Model	MPC-5V300	Capacity (L)	300L
External Size(mm)	620 X 560 X 1970	N.W./G.W.(kg)	86/93.5
Inner Size(mm)	580 X 420 X 1270		
Package Size(mm)	760 X 720 X 2100	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	260	Inner Material	Color sprayed steel
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤46
Alarm System	High/low temperature, sensor failure, power failure(8h)		
Optional Accessories	Remote alarm system, temperature printer		

ST-MPC-5V656

Model	ST-MPC-5V656	Capacity (L)	656L
External Size(mm)	1220 X 642 X 1885	N.W./G.W.(kg)	166/183.5
Inner Size(mm)	1100 X 454 X 1325		
Package Size(mm)	1330 X 715 X 2000	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	443	Inner Material	Color sprayed steel
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤52
Alarm System	High/low temperature, sensor failure, power failure(8h)		
Optional Accessories	Remote alarm system, temperature printer		

ST-MPC-5V1006

Model	ST-MPC-5V1006	Capacity (L)	1006L
External Size(mm)	1220 X 872 X 1885	N.W./G.W.(kg)	189/213
Inner Size(mm)	1100 X 684 X 1325		
Package Size(mm)	1330 X 950 X 2000	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	472	Inner Material	Color sprayed steel
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤53
Alarm System	High/low temperature, sensor failure, door ajar, power failure(8h)		
Optional Accessories	Remote alarm system, temperature printer		

ST-MPC-5V1500

Model	ST-MPC-5V1500	Capacity (L)	1500L
External Size(mm)	1800 X 750 X 1965	N.W./G.W.(kg)	190/217
Inner Size(mm)	1680 X 635 X 1412		
Package Size(mm)	1940 X 880 X 2035	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Stainless steel
Power(W)	650	Inner Material	Stainless steel
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤53
Alarm System	High/low temperature, sensor failure, door ajar, power failure(8h)		
Optional Accessories	Remote alarm system, temperature printer		

ST-MPC-5V306

Model	ST-MPC-5V306	Capacity (L)	306L
External Size(mm)	640 X 560 X 1910	N.W./G.W.(kg)	104/120
Inner Size(mm)	540 X 425 X 1380		
Package Size(mm)	739 X 655 X 1945	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	185	Inner Material	Color sprayed steel
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤46
Alarm System	High/low temperature, sensor failure, door ajar, power failure(72h), USB		
Optional Accessories	Remote alarm system, temperature printer		

ST-MPC-5V406

Model	ST-MPC-5V406	Capacity (L)	406L
External Size(mm)	785 X 560 X 1910	N.W./G.W.(kg)	119/136
Inner Size(mm)	685 X 425 X 1380		
Package Size(mm)	880 X 651 X 2100	Insulation	PURF
Voltage	220/110V; 50/60Hz	External Material	Color sprayed steel
Power(W)	215	Inner Material	Color sprayed steel
Setting Temp.(°C)	2-8	Compressor/QTY	Brand/1
Ambient Temp. (°C)	10-32	Noise(dba)	≤46
Alarm System	High/low temperature, sensor failure, door ajar, power failure(72h), USB		
Optional Accessories	Remote alarm system, temperature printer		