


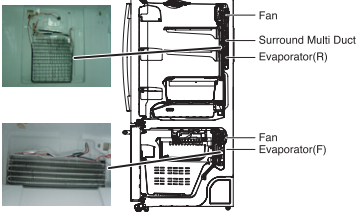




2. PRODUCT SPECIFICATIONS

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2. PRODUCT SPECIFICATIONS

2-1) Introduction of main function

- A newly Developed SAMSUNG bottom mount freezer in 2008 has the following characteristics.

	<p>Surround Multi Flow</p> <ul style="list-style-type: none"> ● Uniform cooling for each shelf and even in corner in fresh food compartment by centerpositioned fan and duct with multiple flow effluences
	<p>Twin Cooling System</p> <ul style="list-style-type: none"> ● The refrigerator and the freezer have two evaporators. Given this independent system, the freezer and the refrigerator are cooled individually as required and are, therefore, more efficient. Food odor from the refrigerator does not affect food in the freezer due to separate air flow circulation.
	<p>Electronic control from outside of Pantry Cover</p> <ul style="list-style-type: none"> ● Adjustable temperature control (around 34°F (1°C) Chilled / around 38°F (3°C) : Fresh) Temperature control from outside of the Pantry : user friendly design helps keep foods fresh for longer
	<p>16" Pizza Corner</p> <ul style="list-style-type: none"> ● Special Guard ● Open Flip : Store Large Pizza
	<p>One Touch Water Dispenser (Internal)</p> <ul style="list-style-type: none"> ● One Hand Water Dispenser
	<p>Secure Auto Close Door System</p> <ul style="list-style-type: none"> ● Secure Auto Close Door System ● Cool tight doors ● Energy saving ● Preventing sweat on fridge doors

PRODUCT SPECIFICATIONS

2-2) Specifications

ELECTRICAL SPECIFICATIONS

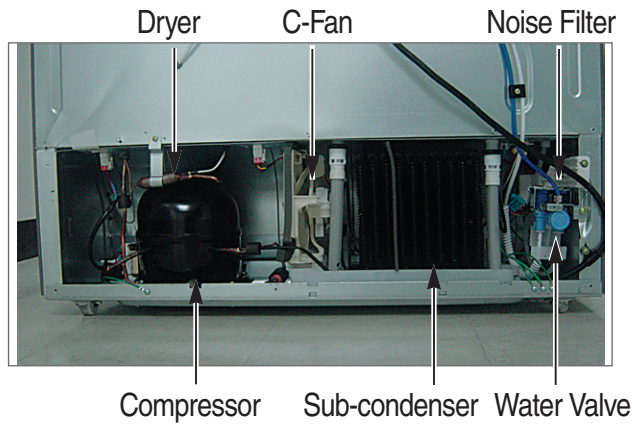
Defrost Control From 24 to 32 hrs
 Thermo Bimetal Protector 140°F(60°C)(off) 104°F(40°C)(on)
 Defrost Thermistor(502AT) 50°F(10°C)(off)
 Electrical Rating AC115V 60Hz 11.6 Amps/220V~240V 50Hz
 Maximum Current Leakage 0.25 mA
 Maximum Ground Path Resistance 0.1 Ohm
 Energy Consumption KWh/mo.

NO LOAD PERFORMANCE

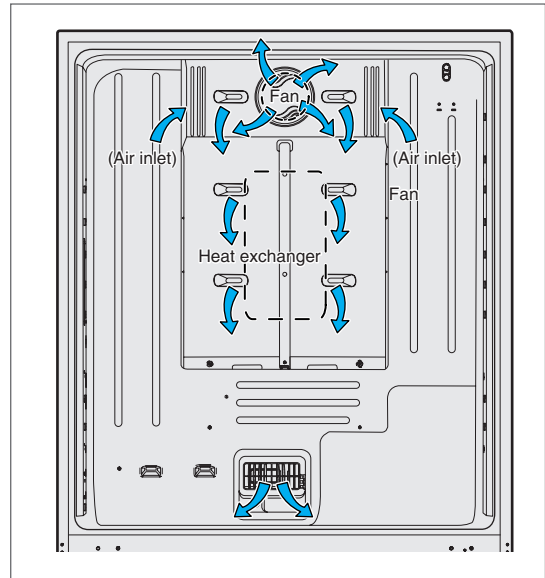
Ambient Temperature	70°F(21°C)	90°F(32°C)
Refrigerator, °F	34°F(1°C)~46°F(8°C)	34°F(1°C)~46°F(8°C)
Freezer, °F	-14°F(-26°C)~8°F(-13°C)	-14°F(-26°C)~8°F(-13°C)
Run Time, %	<40	<60

REFRIGERATION SYSTEM

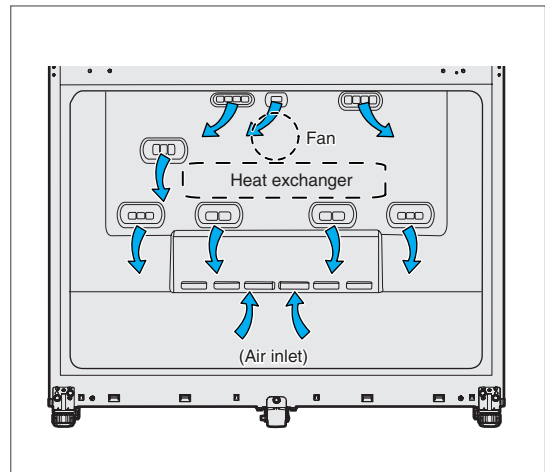
Refrigerant Charge (R134a) 5.64 oz(160g)
 Compressor((MK172D-R2U) 897 Btu/hr(0.263kw)
 Compressor oil Freol α -10
 Capillary tube(Dia, Length) 0.032 " ,118 " (0.81mm, 2997mm)
 Dryer Molecular Sieve XH-9



Refrigerator



Freezer



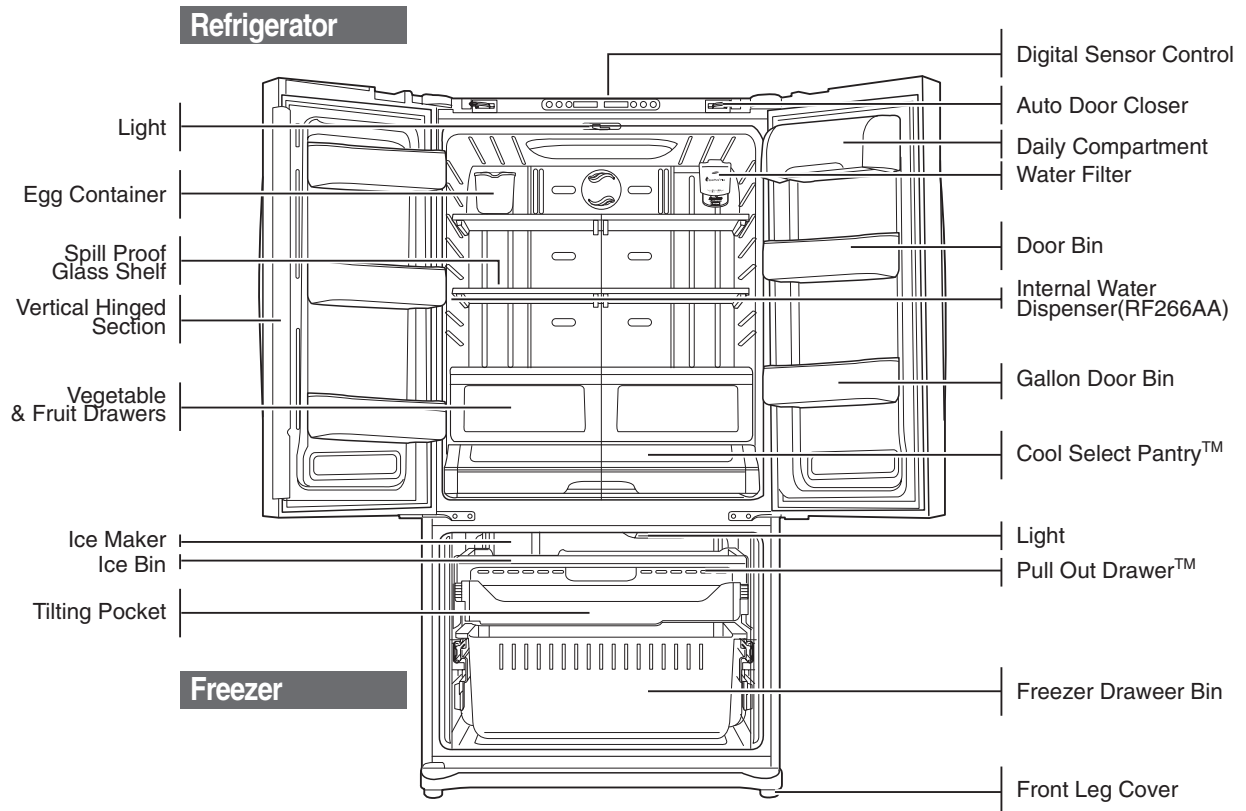
INSTALLATION

Clearance must be provided for air circulation

AT TOP	1 " (25mm)
AT SIDES	0.5 " (15mm)
AT REAR	1 " (25mm)




PRODUCT SPECIFICATIONS

2-3) Interior Views



PRODUCT SPECIFICATIONS

2-4) Model Specification & Comparison Chart

ITEM		SPEC	SAMSUNG	MAYTAG	LG	
			RF266AA/RF26NB	MFI2568AES	LFX25960ST	
Appearance						
Product Zone		Cooling Tech	Twin Cooling	Mono Cooling	Mono Cooling	
		Door Shape	Contour	Contour	Contour	
		Special Room	Cool Select Pantry	Pantry	Pantry	
Performance	Cooling Speed(Min)	F-Room	250 ↓	175.4	246	224
		R-Room	250 ↓	172.8	575	232
	89.6°F(32°C)	F-Room	-26.0 ↓	-32.0	-27.2	-28.8
		R-Room	2.0 ↓	-1.2	1.6	-1.8
	109.4°F(43°C)	F-Room	-18.0 ↓	-24.8	-20.9	-22.5
		R-Room	5.0 ↓	-2.5	5.9	0.8
	Temperature Distribution (Fridge)	F-Room	2.0 ↓	0.3	0.6	1.3
		R-Room	2.0 ↓	0.5	1.1	0.5
Operation rate	N-N	60% ↓	47.4	60.7	56.5	
Noise	Sound power level		46dB ↓	41.8	47.0	41.7
	Sound Pressure level		45dB ↓	41.2	48.2	40.1

PRODUCT SPECIFICATIONS

2-5) Model Specification & Specification Chart

ITEM	Model		RF265	RF266	RF26NB
			Pantry	Int W/D with Pantry	No Dispenser
External size	W		35.7 inch (908mm)		
	D	On Cabinet	29.1 inch (704mm)		
		W/O Handle	32.9 inch (836mm)		
		With Handle	35.6 inch (905mm)		
	H	W/O Hinge Cap	68.6 inch (1744mm)		
		With Hinge Cap	69.8 Inch (1778mm)		
Net Capacity	Total		25.8Cu.ft (731.1 l)		
	Freezer		8.1Cu.ft (230.6 l)		
	Refrigerator		17.7Cu.ft (500.5 l)		
Efficiency of volume			50.17%		
Weight	Set		300 Pounds (137kg)		
	Packing		333 Pounds (152kg)		
Packing	Width		38.6 Inch (980mm)		
	Depth		39.4 Inch (1001mm)		
	Height		75.7 Inch (1923mm)		
Compressor			reciprocate		
Rated Frequency and Frequency			AC 115V/60Hz / AC230V50Hz		
Refrigerant			R 134a		
Foaming agent			C-Pantane		
Refrigerant Input Amount			5.64 oz (160g)		
Kind of Refrigerator			Indirect Cooling Method Refrigerator		
Motor Rated Consumption Power			140A		
Electric Heater Rated Consumption Power			385W		

COLOR			
	Cabinet (Both sides of Embo)	Door	Molding
Black	All Black	Empire Black	I Black
Real STS	Noble STS	Versailles Stainless	Creamy STS
White	Snow White	Snow White	Snow White
Platinum STS	Noble STS	Stainless Platinum	Creamy STS

PRODUCT SPECIFICATIONS

2-5) Model Specification & Specification Chart

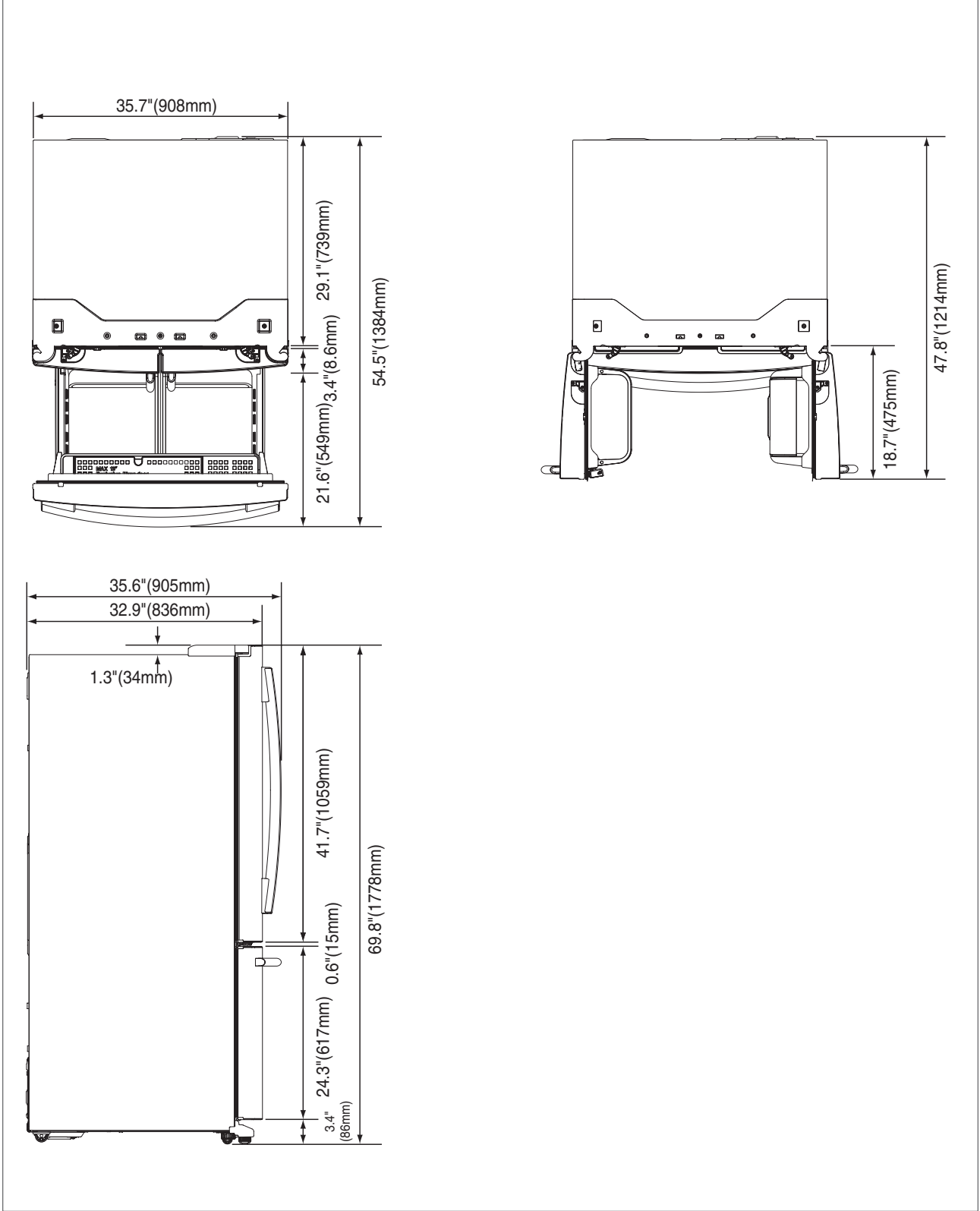
Items			Specification			
Model			RF265	RF266	RF26NB	
Components for Freezer	Compressor	Model	MK172D-R2U / MK190QL2U			
		Starting type	R.S.C.R			
		Oil Charge	FREOL α - 10			
	Evaporator	Freezer	SPLIT FIN TYPE			
		Refrigerator	SPLIT FIN TYPE			
	Condenser		Forced and natural convection type			
	Dryer		Molecular sieve XH-9			
	Capillary tube(Dia x Length)		0.032" x 118" (0.81mm x 2997mm)			
Refrigerant		R134a				
Room Temperature Sensor Components	Freezer	Model	Temperature Selection		ON(°F)	OFF(°F)
		THERMISTOR (F-SENSOR) 502AT	-14 °F(-26°C)	-11 °F(24°C)	-17 °F(-27°C)	
			-2 °F(-19°C)	1 °F(-17°C)	-5 °F(-21°C)	
	8 °F(-13°C)	11 °F(-12°C)	5 °F(-15°C)			
	Refrigerator	Model	Temperature Selection		ON(°F)	OFF(°F)
		THERMISTOR (R-SENSOR) 502AT	34 °F(1°C)	36 °F(2°C)	32 °F(0°C)	
38 °F(3°C)			40 °F(4°C)	36 °F(2°C)		
46 °F(8°C)	48 °F(9°C)	44 °F(7°C)				
Defrost Related Components	Defrost Cycle	First Defrost Cycle (Concurrent defrost of F and R)		6hr \pm 10min		
		Defrost Cycle(FRE)		12~23hr(vary according to the conditions used)		
		Defrost Cycle(REF)		6~11hr(vary according to the conditions used)		
		Pause time		12 \pm 1min		
	Defrost Sensor	F Defrost-Sensor	Model	THERMISTOR (502AT)		
			SPEC	5.0 $\kappa\Omega$ at 77 °F(25°C)		
		R Defrost-Sensor	Model	THERMISTOR (502AT)		
			SPEC	5.0 $\kappa\Omega$ at 77 °F(25°C)		
	Bimetal	F Bimetal-thermo Protector	Rated	AC 125V 10A / AC 250V 3A		
			Operating temperature	Off : 140 °F(60°C) / On : 104 °F(40°C)		
R Bimetal-thermo Protector		Rated	AC 125V 10A / AC 250V 3A			
		Operating temperature	Off : 140 °F(60°C) / On : 104 °F(40°C)			

PRODUCT SPECIFICATIONS

Items		Specification		
Model		RF265	RF266	RF26NB
Electric Components	Defrost Heater(FRE)	Conducting af F Defrost	AC 115V, 240W / AC 230V, 240W	
	Defrost Heater(REF)	Conducting at R Defrost	AC 115V, 120W / AC 230V, 120W	
	DISPENSER Heater	Interlock with F-FAN	AC 115V, 10W / AC 230V, 3W	
	FRENCH Heater	-	AC 115V, 10W / AC 230V, 10W	
	Bimetal thermo For Preventing Overheating of Refrigerator Lamp		AC125V 10A / AC250V 3A Off: 140 °F(60°C) / On : 104 °F(40°C)	
	Condenser for COMP (Package type)	Running	12 μ F ,250V / 5 μ F ,450V	
		Starting	-	
	Starting-Relay	Model	J531Q33E100M200-2	
		Operation	10 Ω \pm 20%	
	Over load Relay	Model	4TM435RFBYY-53	
		Temp.ON	266 \pm 41 °F(130 \pm 5 °C)	
		Temp.OFF	141.8 \pm 48.2 °F(61 \pm 9 °C)	
	Rated Voltage		AC 115V/60Hz / 220~240V/50Hz	
	MOTOR-BLDC(FRE)		DC12V / FDQT06SS3	
	MOTOR-BLDC(REF)		DC12V / FDQT06SS3	
	MOTOR-BLDC(Circuit)		DC12V / FDQT06SS2	
	MOTOR-DAMPER(PANTRY)		DC12V / NSBY001TA1	
	Lamp(FRE)		AC 120V 60W(1EA) / AC230V 40W(1EA)	
	Lamp(REF)		AC 120V 60W(2EA) / AC 230V 60W(2EA)	
	Door Switch	FRE	AC 125V 1.5A (1EA) / AC 250V 0.5A	
REF		DC200V 1.5A / MS-406-SS-01(2EA)		
Power cord		AC125V 15A / AC 250V 10A		
Earth Screw		BSBN (BRASS SCREW)		

PRODUCT SPECIFICATIONS

2-6)Dimensions of Refrigerator (Inches)






PRODUCT SPECIFICATIONS

2-7) Optional Material Specification

RF265AA

Photographe	Part Name	Part Code	AMOUNT
	FILTER WATER-ASSY	DA29-00003B	1
	ASSY-PACKING SUB	DA99-00240G	1
	LAMP INCANDENT	4713-001223	3

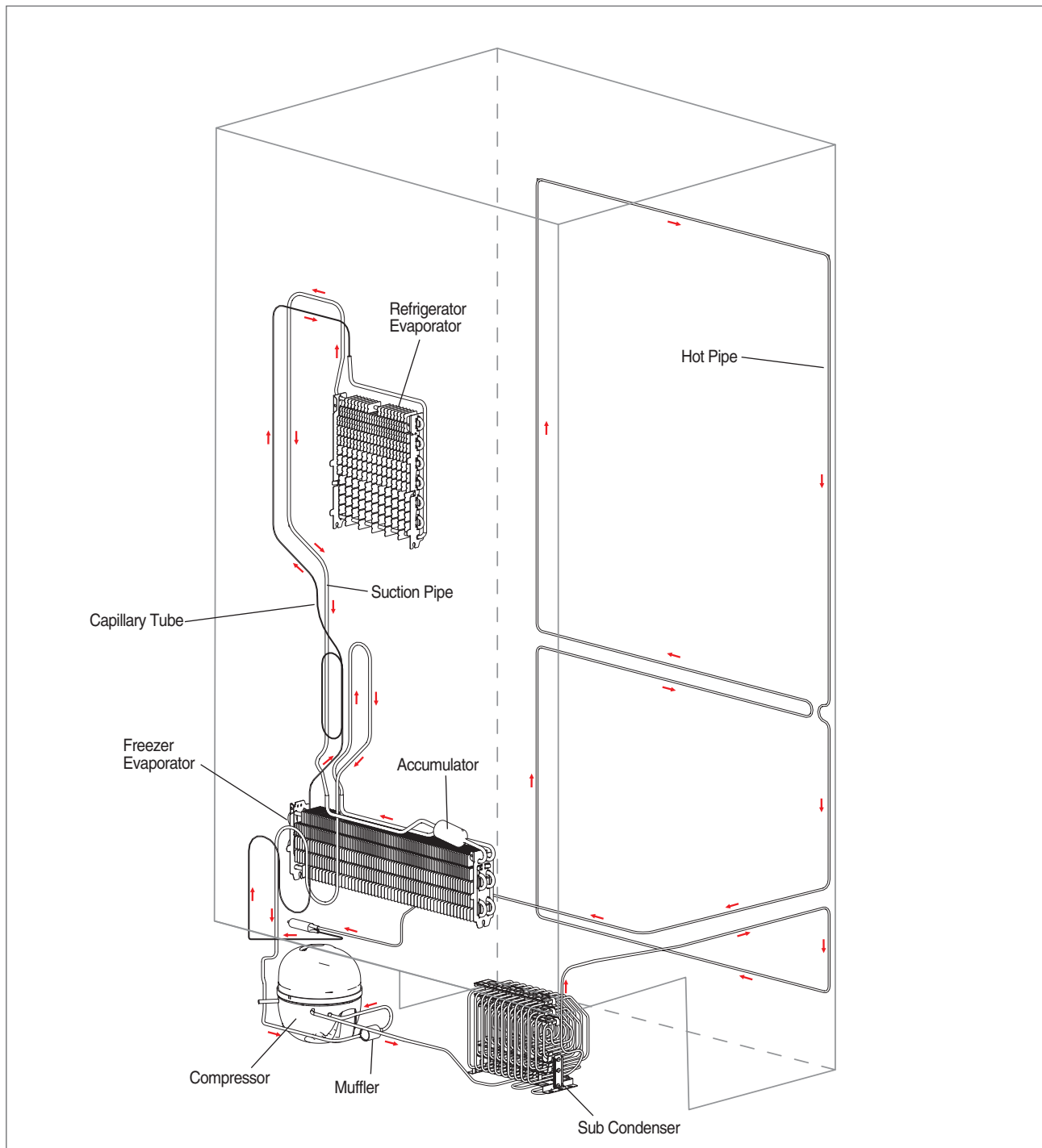
RF26NB

Photographe	Part Name	Part Code	AMOUNT
	ASSY-INSTALL FILTER	DA97-01469W	1
	PIPE-CONECT WATER PACKING	DA62-01329A	1
	LAMP INCANDENT	4713-001232(REF) : 60W 4713-001201(FRE) : 40W	3

PRODUCT SPECIFICATIONS

2-8) Refrigerant Route in Refrigeration cycle

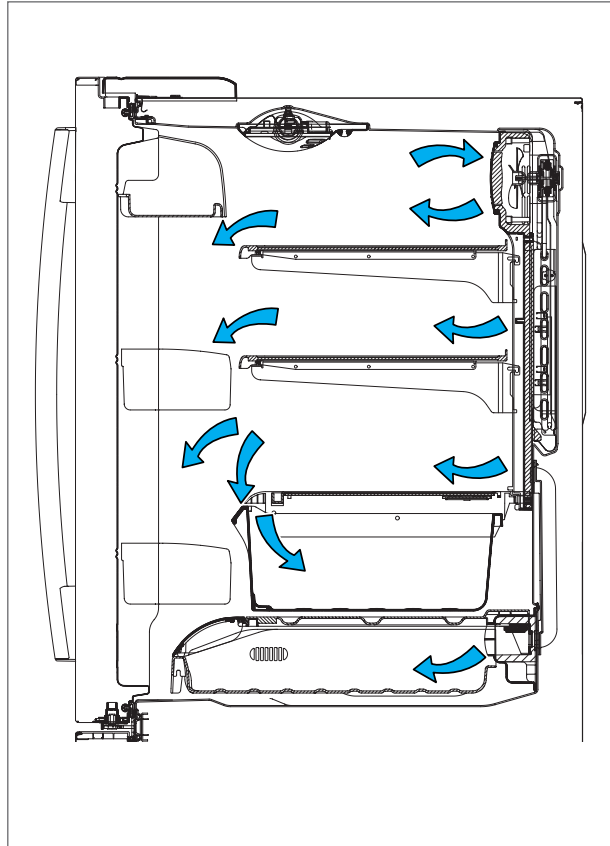
Compressor → Sub-condenser → Hot Pipe → Dryer → Capillary Tube → Refrigerator Evaporator → Freezer Evaporator → Suction Pipe → Compressor



PRODUCT SPECIFICATIONS

2-9) Cooling Air Circulation

Refrigerator



Freezer

