



Room Air Conditioner

SVC MANUAL(Exploded View)

MODEL : LS-H0764JM3(S07LHP N41)

CAUTION

Before Servicing the unit, read the safety precautions in General SVC manual.
Only for authorized service personnel.

1. Specification

Models			LS-H0764JM3
Cooling Capacity (Min~Rating~Max)		kW	2.3
		Btu/h	7,850
Heating Capacity (Min~Rating~Max)		kW	2.5
		Btu/h	8,530
Power Input	Cooling/Heating	W	940/840
Running Current	Cooling/Heating	A	4.2/3.7
Starting Current	Cooling/Heating	A	-
EER		W/W	2.45
		Btu/h.W	8.35
COP		W/W	2.98
Power Supply		Ø / V / Hz	1/220~240/50
Power Factor		%	97.3
Air Flow Rate	Indoor,Max	mm ² /min(cfm)	5.8(205)
	Outdoor,Max	mm ² /min(cfm)	23(812)
Moisture Removal		l/h	1
Sound Level	Indoor,H/M/L	dB(A)+3	32/29/26
	Outdoor,Max	dB(A)+3	47
Refrigerant & Charge(at 7.5m)		g(oz)	R22, 700(24.7)
Compressor	Type		Rotary(Non Tropical)
	Model		PH165X1C
	Motor Type		PSC
	Oil Type		SUNISO 4GSD/ATMOS NM56EP
	Oil Charge	cc	400
	O.L.P Name		B160-135-241E
Fan(Indoor)	Type		Cross Flow Fan
	Motor Output	W	25
Fan(outdoor)	Type		Propeller
	Motor Type		AC Induction
	Motor Output	W	55
Circuit Breaker*		A	15
Power Supply Cable		No.*mm ²	3*1.0
Power and Transmission Cable		No.*mm ² +No.*mm ²	3*1.0
Piping	Liquid Side	mm(in)	6.35(1/4)
Connections	Gas Side	mm(in)	9.52(3/8)
Drain Hose	O.D , I.D	mm(in)	21.5, 16(0.85, 0.63)
Dimension	Indoor(W*H*D)	mm	840*270*163
		inch	33.07*10.63*6.42
	Outdoor(W*H*D)	mm	717*498*229
		inch	28.23*19.61*9.02
Net Weight	Indoor	kg(lbs)	7.3(16.09)
	Outdoor	kg(lbs)	25.8(56.88)
Tool Code(Chassis)	Indoor + Outdoor		S4 + UA3
Functions	Temperature Control		Thermistor
	Plasma Filter		Neo
	Prefilter(washable/anti-fungus)		O
	Auto Clean		O
	CHAOS Wind(Auto Wind)		O
	Steps, Fan/Cool/Heat		3/4/3
	Airflow Direction Control(up&down)		Auto
	Airflow Direction Control(left&right)		Auto
	Remocon Type		Wireless LCD
	Setting Temperature Range	Cooling	18 ~ 30
		Heating	16 ~ 30
	Auto Operation (Micom Control)		-
	Auto Changeover (Micom Control)		O
	Self Diagnosis		O
	Timer		24h, On/Off
	Sleep Operation		O
	Soft Dry Operation		O
	Restart Delay(minute)		3
	Deice Control(Defrost)		O
	Hot Start		O
	Jet Cool		O
	Low Ambient Operation		-
	Special Function		-
Network Functions	Dry Contact		-
	Network Solution(LGAP)		-
	PI485		-

Note:

O : Applied, - : No relation

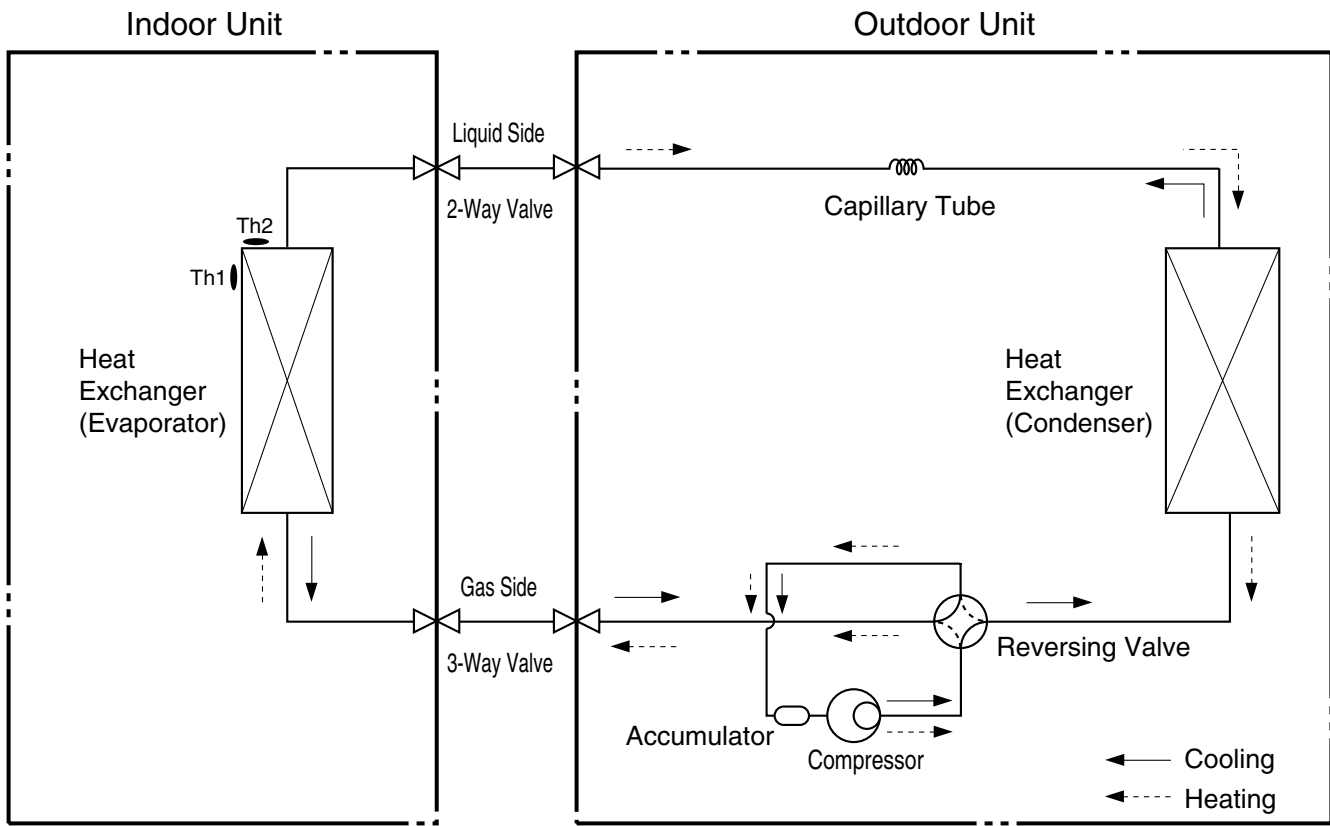
* For circuit breaker rating, please conform to local standards wherever necessary.

* Some of functions are slightly different depending upon models.

* The specification may be subject to change without notice for purpose of improvement.

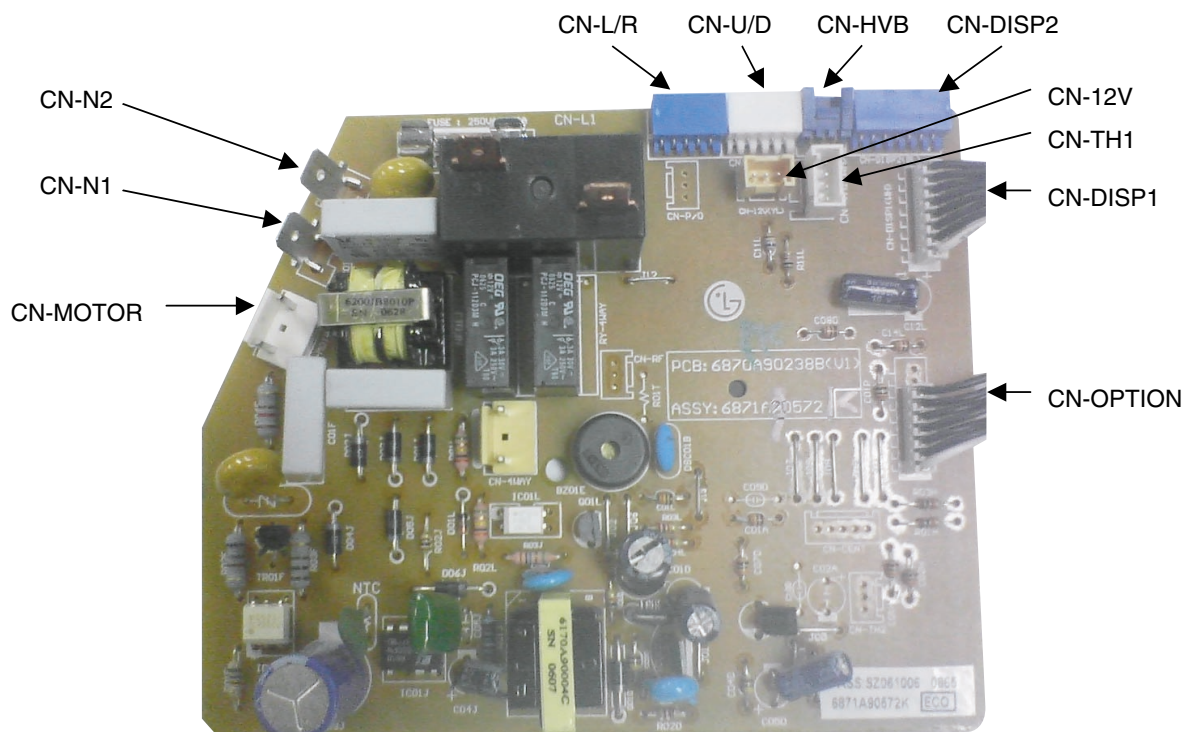
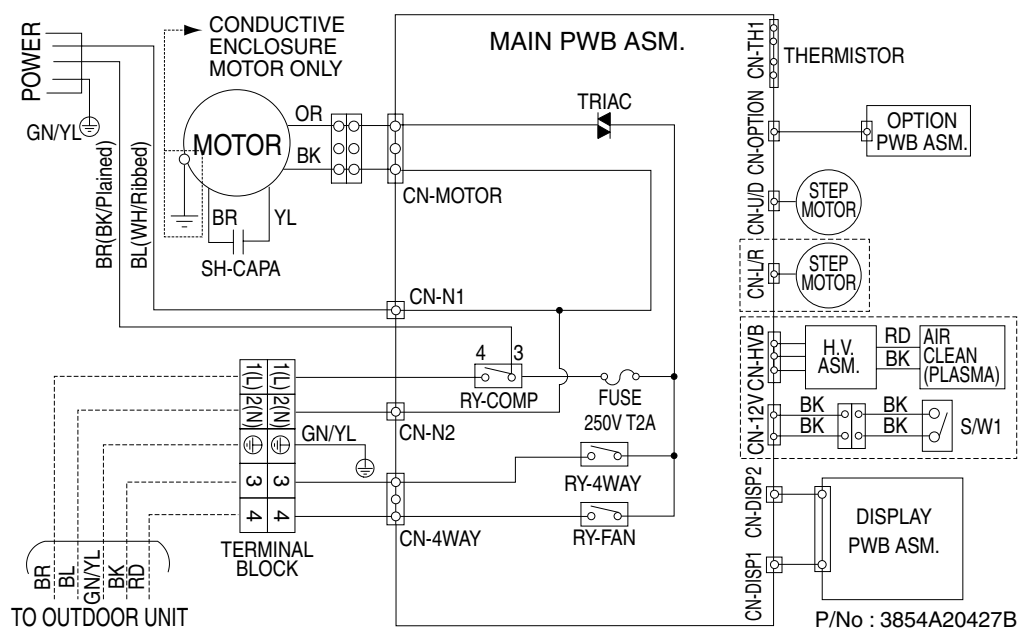
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2. Piping Diagrams

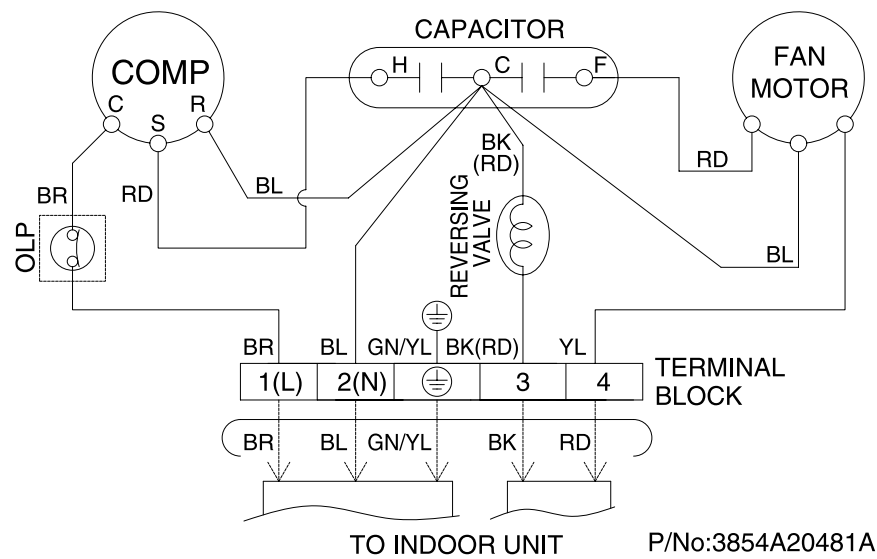


LOC.	Description	PCB Connector
Th1	Thermistor for indoor air temperature	CN-TH1
Th2	Thermistor for evaporating temperature	

Indoor Unit

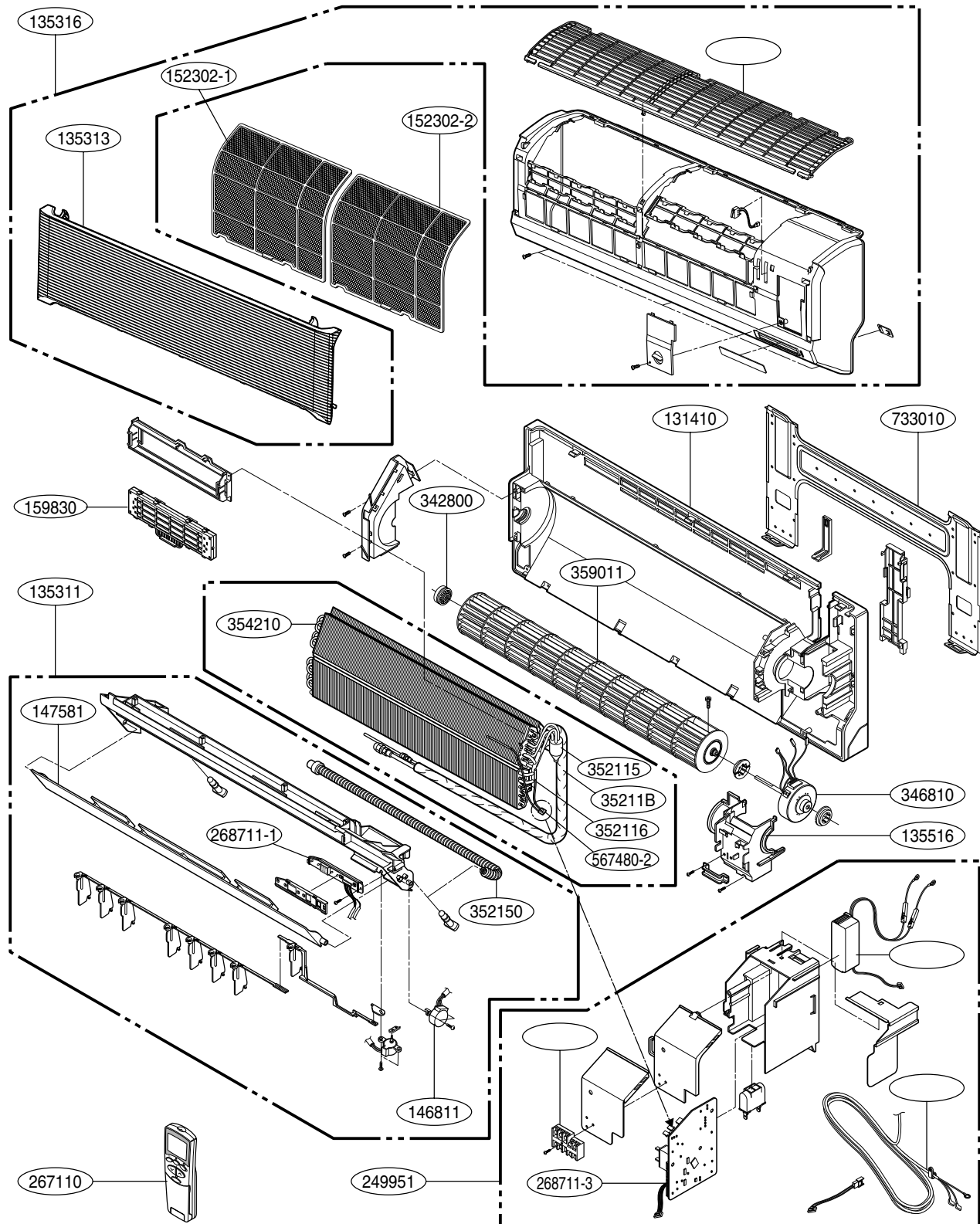


Outdoor Unit



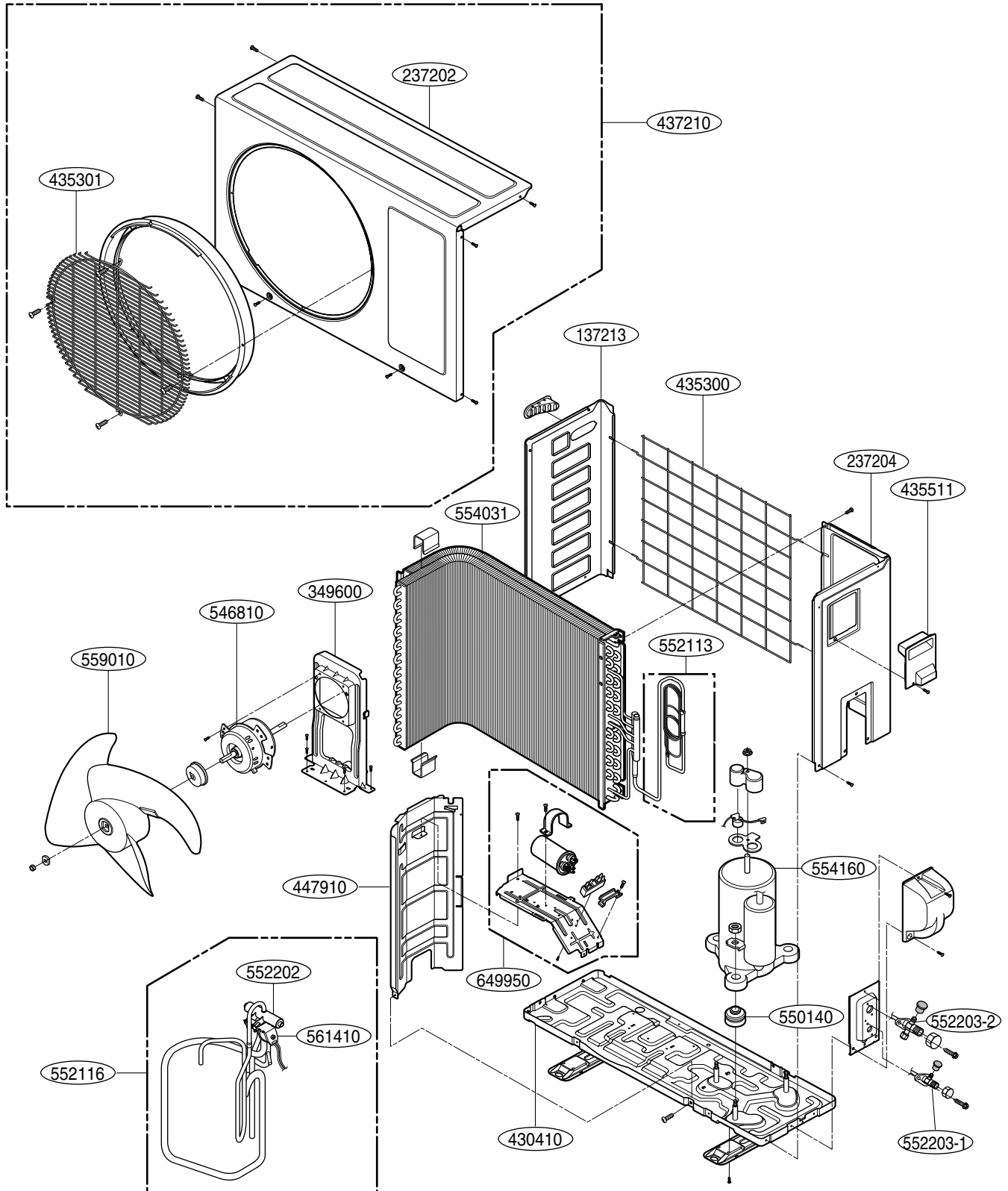
4. Exploded View

Indoor Unit



Note) * Please ensure GCSC since the replacement parts may be changed depending upon the buyer's request.
Please check the correct parts in View RPL(Replacement Part List) on GCSC.
(GCSC Website <http://biz.Lgservice.com>.)

Outdoor Unit



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