

This Owner's Manual is provided and hosted by [Appliance Factory Parts](#).



LG LMU366HV Owner's Manual

[Shop genuine replacement parts for LG LMU366HV](#)



[Find Your LG Air Conditioner Parts - Select From 2330 Models](#)

----- Manual continues below part list -----

Available Replacement Parts for LG LMU366HV

4H00982C	Compressor Damper
6877A20050C	DRAWING ASSY
EBG61107014	Ntc Thermistor Assembly
EBG61107109	Ntc Thermistor Assembly
MDG37708601	Propeller Fan
EBR61481808	Main Board
4681A20172Q	Motor Assembly,dc,indoo
EAP30616907	Expansion Coil
EAP62228712	Expansion Coil



Internal Use Only

<http://biz.lgservice.com>

Multi Air Conditioner

SVC MANUAL(Exploded View)

Model : A4UW363FA1(LMU366HV)

CAUTION

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

1. Specification

Outdoor Unit		A4UW363FA1(LMU366HV)	
Capacity(*)		Btu/h Class	36,000
Power Input (Min. Rated~ Max.)	Cooling	kW	0.72~3.75~ 3.92
	Heating	kW	0.72~3.70~4.10
Running Current (Rated)	Cooling	A	3.0~17.4~18.2
	Heating	A	4.5~17.2~18.8
Starting Current	Cooling/Heating	A	-
Power Supply		Ø / V / Hz	1/208~230/60
Power Supply Cable (Outdoor)		No.x AWG	3 x 12
Transmission Cable (Outdoor to Indoor unit)		No.x AWG	4 x 18 (Including Earth)
Dimensions	W x H x D	mm(inch)	870x808x320(34 1/4x31 13/16x12 9/16)
Net Weight		kg(lbs)	65(143.3)
Max. Number of Connectable Indoor Units			4
Compressor	Type		Twin-Rotary
	Qty x Model		5KD240X
	Motor type		BLDC
	Oil charge volume	cc	900
	Oil Type		FV50S
Refrigerant	Cycle A Charge (at 7.5m)	g(oz)	2,550(89.95)
	Cycle B Charge (at 7.5m)	g(oz)	-
	Type		R410A
Heat Exchanger	Control		EEV
	(Rows x Column x FPI) x No.		(2Rx36Cx18) x1
	Coil tube dia.	mm(inch)	7(0.276)
Fan motor	Defrosting Method		Reversing cycle
	Capacitor	µ/Vac	-
	Drive		Direct (DC)
Sound Level(H/L)	Discharge Direction(Side/Top)		Side
	Air Flow Rate x No. of Fan	CMM(CFM)	60(2,118)
	Sound Pressure	dB(A)+3	52
Piping Connections	Liquid(Cycle A)	mm(inch)	6.35(1/4) x 4EA
	Gas(Cycle A)	mm(inch)	9.52(3/8) x 4EA
	Liquid(Cycle B)	mm(inch)	-
	Gas(Cycle B)	mm(inch)	-
Piping length spec.	Max. total piping	m(ft.)	75(246.1)
	Max. OD-ID piping	m(ft.)	25(82.0)
	Piping Length (no add'l refrigerant)	m(ft.)	37.5(123.0)
Max. Elevation Difference	Outdoor Unit~Indoor Unit	m(ft.)	15(49.2)
	Indoor Unit~Indoor Unit	m(ft.)	7.5(24.6)
Operation Range (Outdoor)	Cooling	°C(°F)	-10 ~ 46 (14 ~114.8)
	Heating	°C(°F)	-15 ~ 24 (5~75.2)

Note :

1. Capacities are based on the following conditions:

Cooling: - Indoor Temperature 26.7°C(80°F) DB/19.4°C(67°F) WB

- Outdoor Temperature 35°C(95°F) DB/23.9°C(75°F) WB

Heating: - Indoor Temperature 21.1°C(70°F) DB/15.6°C(60°F) WB

- Outdoor Temperature 8.3°C(47°F) DB/6.1°C(43°F) WB

Piping Length - Interconnecting Piping Length 7.5m(24.6 ft.)

- Level Difference of Zero

2. Wiring cable size must comply with the applicable local and national code.

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

4. At least two indoor units should be connected.

5. For more Capacity(*), refer to the combination table

Conversion Formula

kW = Btu/h class X 0.0002931

cfm = CMM x 35.3

2. List of Functions

Category	Function	A4UW363FA1(LMU366HV)
Reliability	Defrost / Deicing	O
	High Pressure Switch	X
	Low Pressure Switch	X
	Phase protection	X
	Restart Delay (3-minutes)	O
	Self Diagnosis	O
	Soft Start	O
	Test Function	X
Convenience	Auto operation(Artificial intelligence)	O
	Auto Restart Operation	O
CAC Network Function	Central control(LGAP)	O
	PDI(Power Distribution Indicator)	PQNUD1S00
	PI485	PMNFP14A0
Special function kit	Low ambient operation	O
Others	Thermistor	-

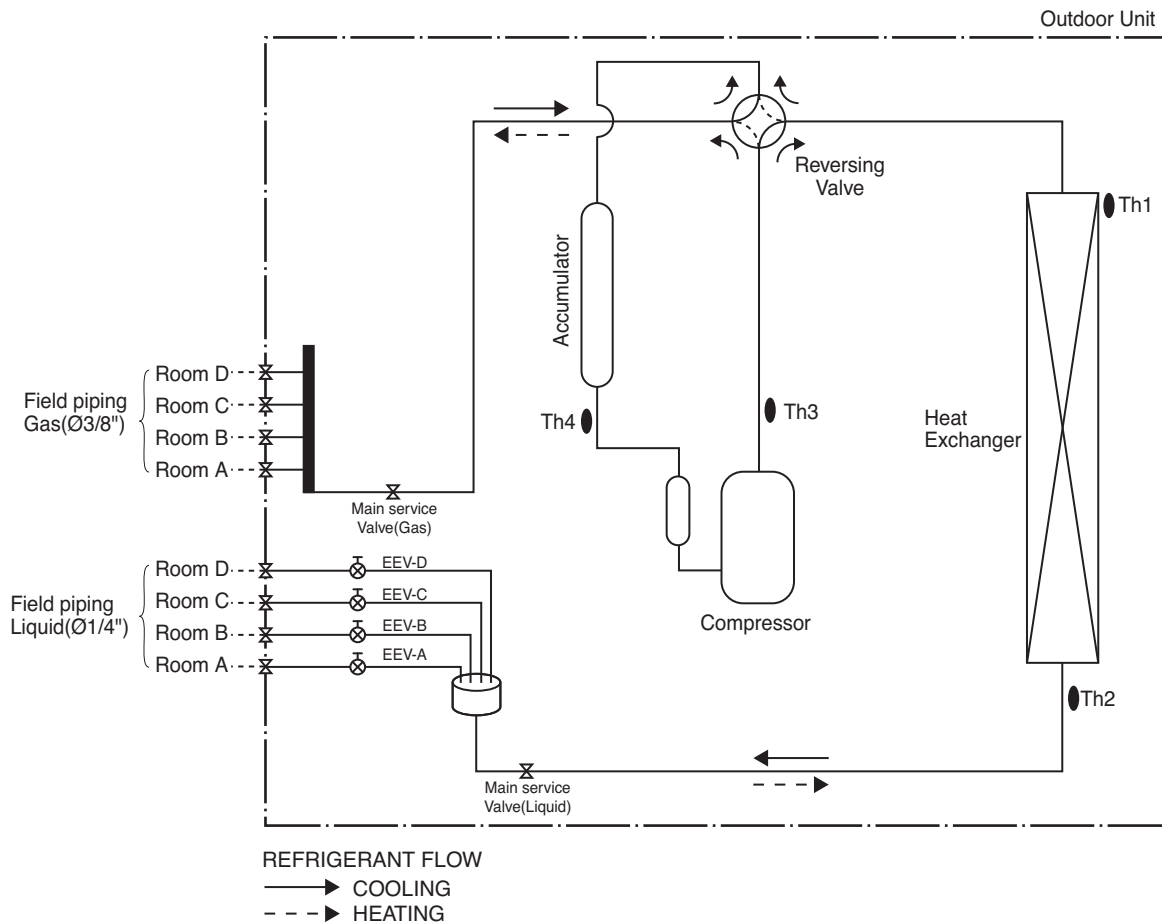
Note :

O : Applied, X : Not applied, - : No relation

Option: Model name & price are different according to options, and assembled in factory with main unit.

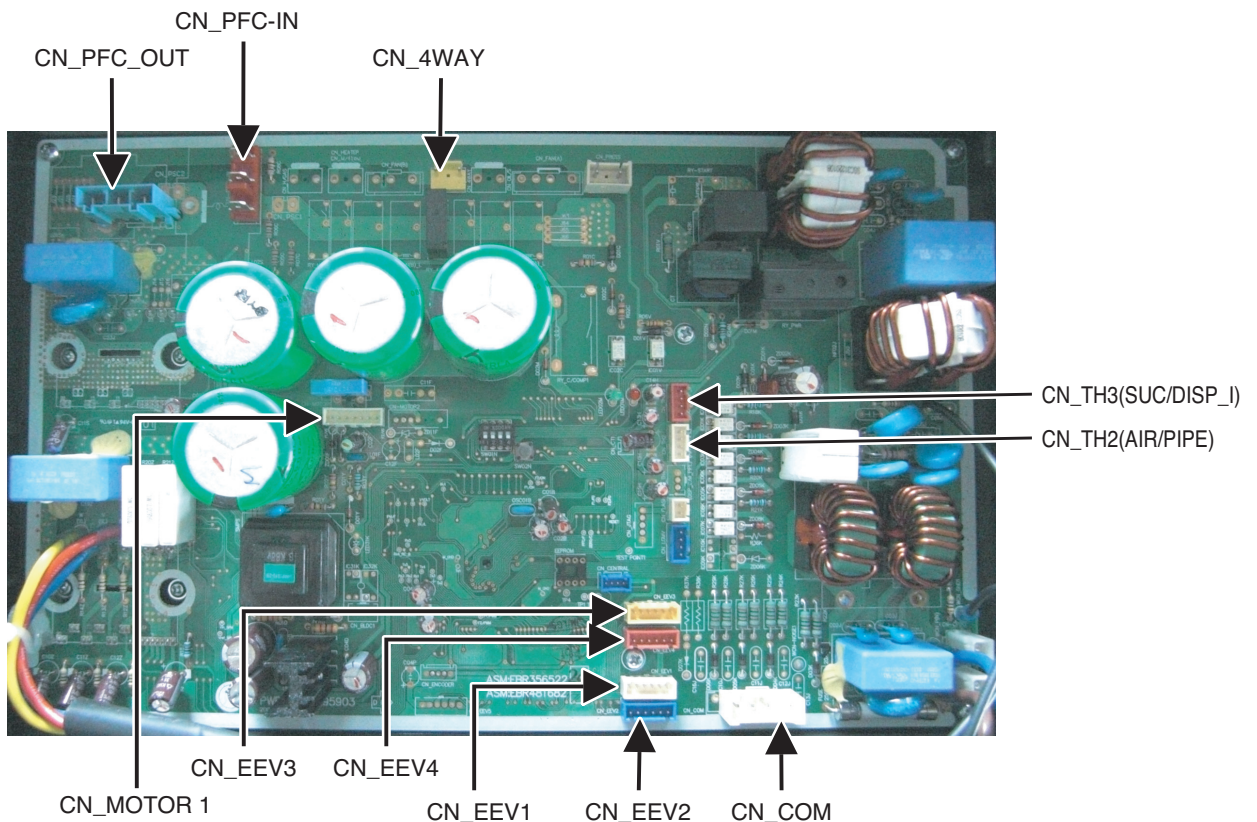
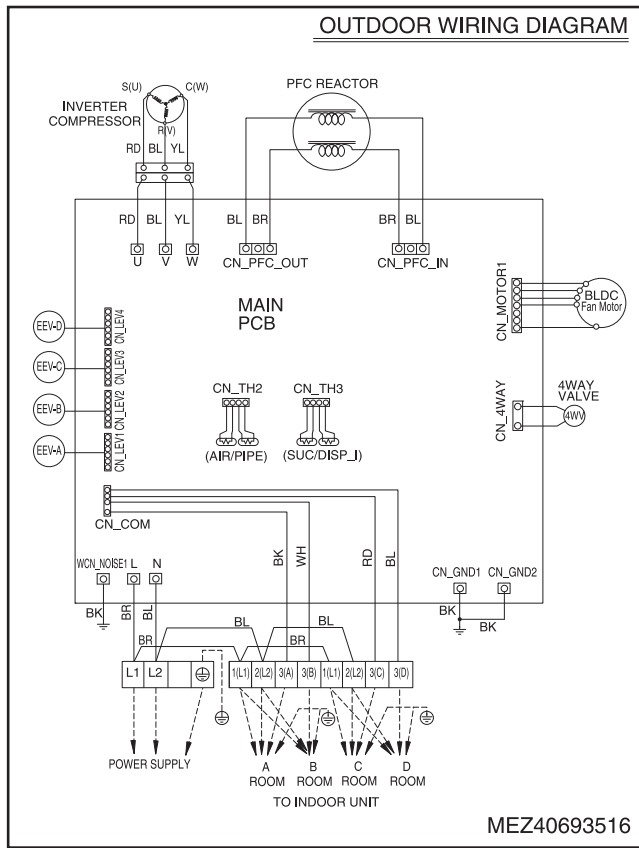
Accessory: Installed at field, ordered and purchased separately by the corresponding model name, supplied with separate package.

3. Piping Diagrams

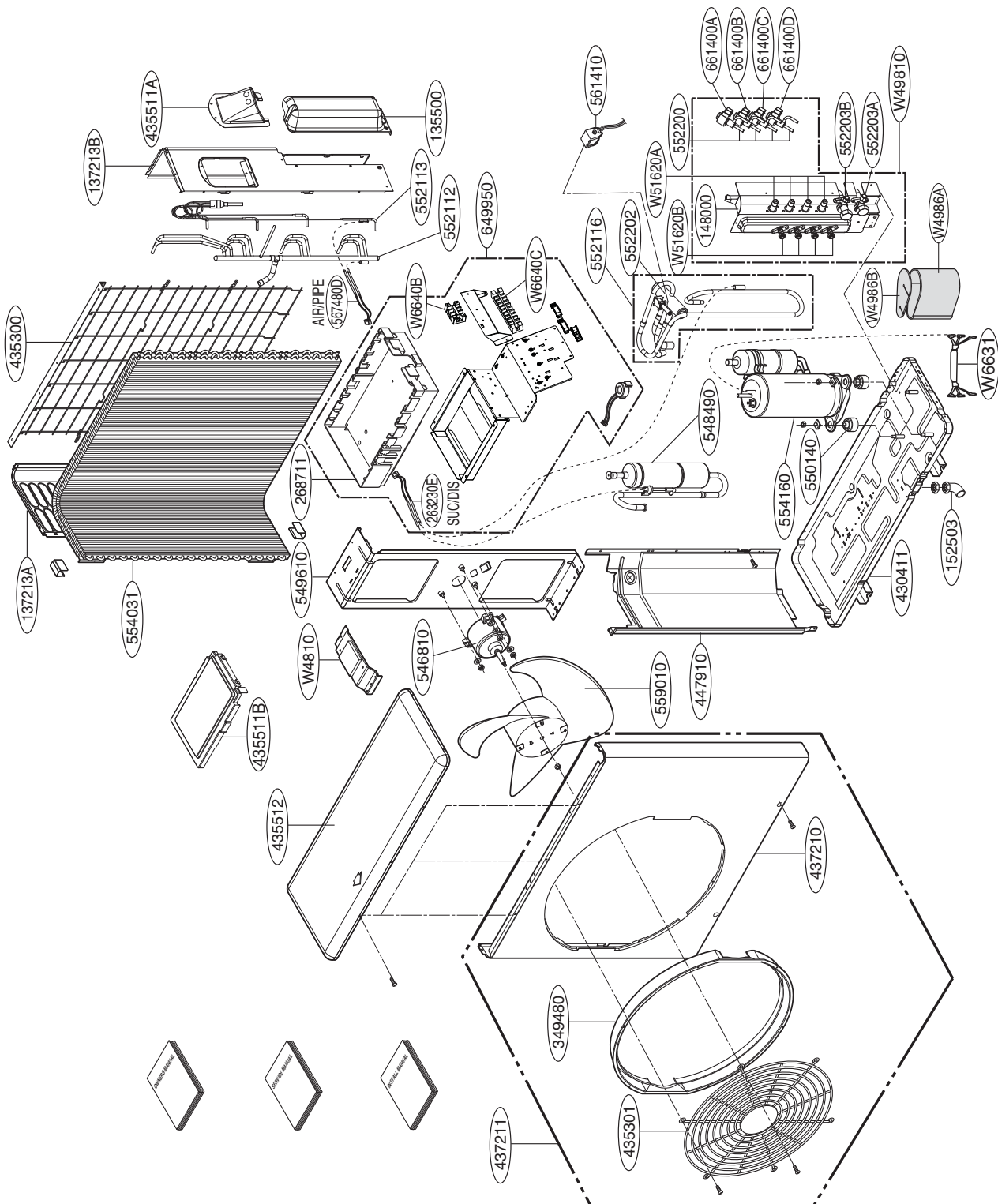


LOC.	Description	PCB Connector
Th1	Thermistor for outdoor air temperature	CN_TH2
Th2	Thermistor for condensing temperature	CN_TH2
Th3	Thermistor for discharge pipe temperature	CN_TH3
Th4	Thermistor for suction pipe temperature	CN_TH3

4. Wiring Diagrams



5. Exploded View



Model	Classification	Description	Part Number	Location Number	Remark
A4UW363FA1	Inverter Heating/Pump	Compressor	5416A90055D	554160	-
		Harness,Multi	EAD41346203	W6631	

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>.)



P/NO : MFL63721201

JANUARY, 2010