

SERVICE MANUAL



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Outdoor unit

AOYG14LAC2

Indoor unit

ASYG07LJCA
ASYG09LJCA
ASYG12LJCA
ASYG07LUCA
ASYG09LUCA
ASYG12LUCA

AOYG18LAC2

ASYG07LJCA
ASYG09LJCA
ASYG12LJCA
ASYG07LUCA
ASYG09LUCA
ASYG12LUCA
ASYG14LUCA
AUYG07LVLA
AUYG09LVLA
AUYG12LVLA
UTG-UFYD-W
AGYG09LVCA
AGYG12LVCA
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA

SPECIFICATIONS

OUTDOOR UNIT

ELECTRICAL SPECIFICATIONS

TYPE		Two room multi	
MODEL NAME		AOYG14LAC2	AOYG18LAC2
COOLING CAPACITY		4.0 kW	5.0 kW
HEATING CAPACITY		4.4 kW	5.6 kW
POWER SUPPLY		230V	230V
FREQUENCY		50 Hz	50 Hz
RUNNING CURRENT	Cooling	5.1 A	6.9 A
	Heating	4.9 A	6.3 A
INPUT POWER	Cooling	1.09 kW	1.56 kW
	Heating	1.03 kW	1.41 kW
EER	Cooling	3.67 kW/kW	3.21 kW/kW
	Heating	4.27 kW/kW	3.97 kW/kW
MAXIMUM CURRENT	Cooling	6.7 A	8.7 A
	Heating	8.5 A	9.2 A
AIR CIRCULATION HIGH		1,850 m³/hr	2,050 m³/hr

FAN MOTOR

DISCRIMINATION	MFE-40VVL	MFE-40VVL
HIGH SPEED (COOL)	820 r.p.m.	900 r.p.m.
HIGH SPEED (HEAT)	820 r.p.m.	900 r.p.m.

NOISE LEVEL

COOL	47 dB(A)	50 dB(A)
HEAT	49 dB(A)	51 dB(A)

COMPRESSOR AND REFRIGERANT

COMPRESSOR TYPE		Hermetic rotary, 4 poles, DC inverter, 1-cylinder type	Hermetic rotary, 4 poles, DC inverter, 2-cylinder type
DISCRIMINATION		DA108X1C-20FZA1	808-911-80B
WEIGHT (including oil)		10.4 kg	10.0 kg
PRECHARGED REFRIGERANT		1,250 g	1,300 g
REFRIGERANT TYPE		R410A	R410A
FULL CHARGE	Total Pipe Length 20 m	1,250 g	1,300 g
	25 m	1,300 g	1,400 g
	30 m	1,350 g	1,500 g
ADDITIONAL CHARGE		10 g/m	20 g/m
MAXIMUM PIPE LENGTH (total)		30 m	
MINIMUM PIPE LENGTH (total)		6 m	
MAXIMUM PIPE LENGTH (each unit)		20 m	
MINIMUM PIPE LENGTH (each unit)		3 m	
MAX ELEVATION (between indoor units)		10 m	
MAX ELEVATION (between IU and OU)		15 m	

MEASUREMENT

DIMENSIONS	H x W x D	540 x 790 x 290 mm	
WEIGHT	Shipping / Net	41 kg / 37 kg	42 kg / 38 kg

INDOOR UNIT
COMPACT WALL MOUNTED

ELECTRICAL DATA

MODEL NAME	ASYG07LJCA	ASYG09LJCA	ASYG12LJCA
CAPACITY	2.0 kW class	2.5 kW class	3.5 kW class

FAN MOTOR

DISCRIMINATION			MFD-12TYAN		
FAN SPEED	Cooling	High	1,050 r.p.m.	1,100 r.p.m.	1,200 r.p.m.
		Medium	950 r.p.m.	980 r.p.m.	1,050 r.p.m.
		Low	850 r.p.m.	850 r.p.m.	880 r.p.m.
		Quiet	680 r.p.m.	680 r.p.m.	680 r.p.m.
	Heating	High	1,050 r.p.m.	1,100 r.p.m.	1,200 r.p.m.
		Medium	950 r.p.m.	980 r.p.m.	1,050 r.p.m.
		Low	850 r.p.m.	850 r.p.m.	910 r.p.m.
		Quiet	710 r.p.m.	710 r.p.m.	710 r.p.m.
AIR FLOW	Cooling	High	560 m ³ /h	600 m ³ /h	660 m ³ /h
		Medium	500 m ³ /h	520 m ³ /h	560 m ³ /h
		Low	430 m ³ /h	430 m ³ /h	450 m ³ /h
		Quiet	310 m ³ /h	310 m ³ /h	310 m ³ /h
	Heating	High	560 m ³ /h	600 m ³ /h	660 m ³ /h
		Medium	500 m ³ /h	520 m ³ /h	560 m ³ /h
		Low	430 m ³ /h	430 m ³ /h	470 m ³ /h
		Quiet	330 m ³ /h	330 m ³ /h	330 m ³ /h
NOISE LEVEL	Cooling	High	36 dB(A)	37 dB(A)	40 dB(A)
		Medium	32 dB(A)	33 dB(A)	36 dB(A)
		Low	29 dB(A)	29 dB(A)	30 dB(A)
		Quiet	21 dB(A)	21 dB(A)	21 dB(A)
	Heating	High	36 dB(A)	37 dB(A)	40 dB(A)
		Medium	32 dB(A)	33 dB(A)	36 dB(A)
		Low	29 dB(A)	29 dB(A)	31 dB(A)
		Quiet	22 dB(A)	22 dB(A)	22 dB(A)

MEASUREMENTS

DIMENSIONS	H x W x D	280 x 790 x 203 mm
WEIGHT	Net / Shipping	8.0 kg / 10.5 kg

INDOOR UNIT
COMPACT WALL MOUNTED

ELECTRICAL DATA

MODEL NAME	ASYG07LUCA	ASYG09LUCA	ASYG12LUCA	ASYG14LUCA
CAPACITY	2.0 kW class	2.5 kW class	3.5 kW class	4.0 kW class

FAN MOTOR

DISCRIMINATION			MFD-12TYL			
FAN SPEED	Cooling	High	980 r.p.m.	1,030 r.p.m.	1,110 r.p.m.	1,180 r.p.m.
		Medium	910 r.p.m.	950 r.p.m.	1,030 r.p.m.	1,080 r.p.m.
		Low	850 r.p.m.	850 r.p.m.	930 r.p.m.	980 r.p.m.
		Quiet	650 r.p.m.	650 r.p.m.	650 r.p.m.	740 r.p.m.
	Heating	High	980 r.p.m.	1,030 r.p.m.	1,110 r.p.m.	1,180 r.p.m.
		Medium	910 r.p.m.	950 r.p.m.	1,030 r.p.m.	1,080 r.p.m.
		Low	850 r.p.m.	850 r.p.m.	930 r.p.m.	1,010 r.p.m.
		Quiet	650 r.p.m.	650 r.p.m.	650 r.p.m.	790 r.p.m.
AIR FLOW	Cooling	High	570 m ³ /h	600 m ³ /h	660 m ³ /h	710 m ³ /h
		Medium	520 m ³ /h	550 m ³ /h	600 m ³ /h	640 m ³ /h
		Low	470 m ³ /h	470 m ³ /h	530 m ³ /h	570 m ³ /h
		Quiet	330 m ³ /h	330 m ³ /h	330 m ³ /h	390 m ³ /h
	Heating	High	570 m ³ /h	600 m ³ /h	660 m ³ /h	710 m ³ /h
		Medium	520 m ³ /h	550 m ³ /h	600 m ³ /h	640 m ³ /h
		Low	470 m ³ /h	470 m ³ /h	530 m ³ /h	590 m ³ /h
		Quiet	330 m ³ /h	330 m ³ /h	330 m ³ /h	430 m ³ /h
NOISE LEVEL	Cooling	High	35 dB(A)	36 dB(A)	37 dB(A)	41 dB(A)
		Medium	30 dB(A)	32 dB(A)	34 dB(A)	36 dB(A)
		Low	28 dB(A)	28 dB(A)	31 dB(A)	33 dB(A)
		Quiet	21 dB(A)	21 dB(A)	21 dB(A)	25 dB(A)
	Heating	High	35 dB(A)	36 dB(A)	37 dB(A)	41 dB(A)
		Medium	30 dB(A)	32 dB(A)	34 dB(A)	36 dB(A)
		Low	28 dB(A)	28 dB(A)	31 dB(A)	34 dB(A)
		Quiet	21 dB(A)	21 dB(A)	21 dB(A)	27 dB(A)

MEASUREMENTS

DIMENSIONS	H x W x D	282 x 870 x 185 mm
WEIGHT	Net / Shipping	9.5 kg / 12 kg

INDOOR UNIT COMPACT CASSETTE

ELECTRICAL DATA

MODEL NAME	AUYG07LVLA	AUYG09LVLA	AUYG12LVLA
CAPACITY	2.0 kW class	2.5 kW class	3.5 kW class

FAN MOTOR

DISCRIMINATION			MFF-24RVL		
FAN SPEED	Cooling	High	590 r.p.m.	590 r.p.m.	660 r.p.m.
		Medium	540 r.p.m.	540 r.p.m.	580 r.p.m.
		Low	490 r.p.m.	490 r.p.m.	520 r.p.m.
		Quiet	440 r.p.m.	440 r.p.m.	460 r.p.m.
	Heating	High	590 r.p.m.	590 r.p.m.	650 r.p.m.
		Medium	540 r.p.m.	540 r.p.m.	580 r.p.m.
		Low	490 r.p.m.	490 r.p.m.	520 r.p.m.
		Quiet	440 r.p.m.	440 r.p.m.	460 r.p.m.
AIR FLOW	Cooling	High	540 m ³ /h	540 m ³ /h	610 m ³ /h
		Medium	490 m ³ /h	490 m ³ /h	530 m ³ /h
		Low	440 m ³ /h	440 m ³ /h	470 m ³ /h
		Quiet	390 m ³ /h	390 m ³ /h	410 m ³ /h
	Heating	High	540 m ³ /h	540 m ³ /h	610 m ³ /h
		Medium	490 m ³ /h	490 m ³ /h	530 m ³ /h
		Low	440 m ³ /h	440 m ³ /h	470 m ³ /h
		Quiet	390 m ³ /h	390 m ³ /h	410 m ³ /h
NOISE LEVEL	Cooling	High	33 dB(A)	33 dB(A)	37 dB(A)
		Medium	31 dB(A)	31 dB(A)	33 dB(A)
		Low	29 dB(A)	29 dB(A)	31 dB(A)
		Quiet	27 dB(A)	27 dB(A)	28 dB(A)
	Heating	High	34 dB(A)	34 dB(A)	37 dB(A)
		Medium	32 dB(A)	32 dB(A)	33 dB(A)
		Low	29 dB(A)	29 dB(A)	31 dB(A)
		Quiet	27 dB(A)	27 dB(A)	28 dB(A)

MEASUREMENTS

DIMENSIONS	H x W x D	245 x 570 x 570 mm
WEIGHT	Net / Shipping	15 kg / 18 kg

PANEL

MEASUREMENTS

MODEL NAME	UTG-UFYD-W	
DIMENSIONS	H x W x D	49 x 700 x 700 mm
WEIGHT	Net / Shipping	2.6 kg / 4.5 kg

INDOOR UNIT
FLOOR

ELECTRICAL DATA

MODEL NAME	AGYG09LVCA	AGYG12LVCA
CAPACITY	2.5 kW class	3.5 kW class

FAN MOTOR

DISCRIMINATION			MFD-14TXN (upper) / MFD-14SXN (lower)	
FAN SPEED (upper fan / lower fan)	Cooling	High	1,120 / 950 r.p.m.	1,240 / 1,040 r.p.m.
		Medium	960 / 820 r.p.m.	1,050 / 890 r.p.m.
		Low	820 / 700 r.p.m.	860 / 730 r.p.m.
		Quiet	660 / 560 r.p.m.	660 / 560 r.p.m.
	Heating	High	1,120 / 950 r.p.m.	1,240 / 1,040 r.p.m.
		Medium	1,000 / 850 r.p.m.	1,080 / 920 r.p.m.
		Low	860 / 730 r.p.m.	910 / 770 r.p.m.
		Quiet	660 / 560 r.p.m.	660 / 560 r.p.m.
AIR CIRCULATION HIGH (2 fan running)	Cooling	High	530 m3/hr	600 m3/hr
		Medium	440 m3/hr	490 m3/hr
		Low	360 m3/hr	380 m3/hr
		Quiet	270 m3/hr	270 m3/hr
	Heating	High	530 m3/hr	600 m3/hr
		Medium	460 m3/hr	510 m3/hr
		Low	380 m3/hr	410 m3/hr
		Quiet	270 m3/hr	270 m3/hr
NOISE LEVEL	Cooling	High	39 dB(A)	42 dB(A)
		Medium	34 dB(A)	36 dB(A)
		Low	28 dB(A)	30 dB(A)
		Quiet	22 dB(A)	22 dB(A)
	Heating	High	39 dB(A)	42 dB(A)
		Medium	35 dB(A)	38 dB(A)
		Low	30 dB(A)	32 dB(A)
		Quiet	22 dB(A)	22 dB(A)

MEASUREMENT

DIMENSIONS	H x W x D	600 x 740 x 200 mm
WEIGHT	Net / Shipping	14 kg / 17 kg

INDOOR UNIT
SLIM DUCT

ELECTRICAL DATA

MODEL NAME	ARYG07LLTA	ARYG09LLTA	ARYG12LLTA
CAPACITY	2.0 kW class	2.5 kW class	3.5 kW class

FAN MOTOR

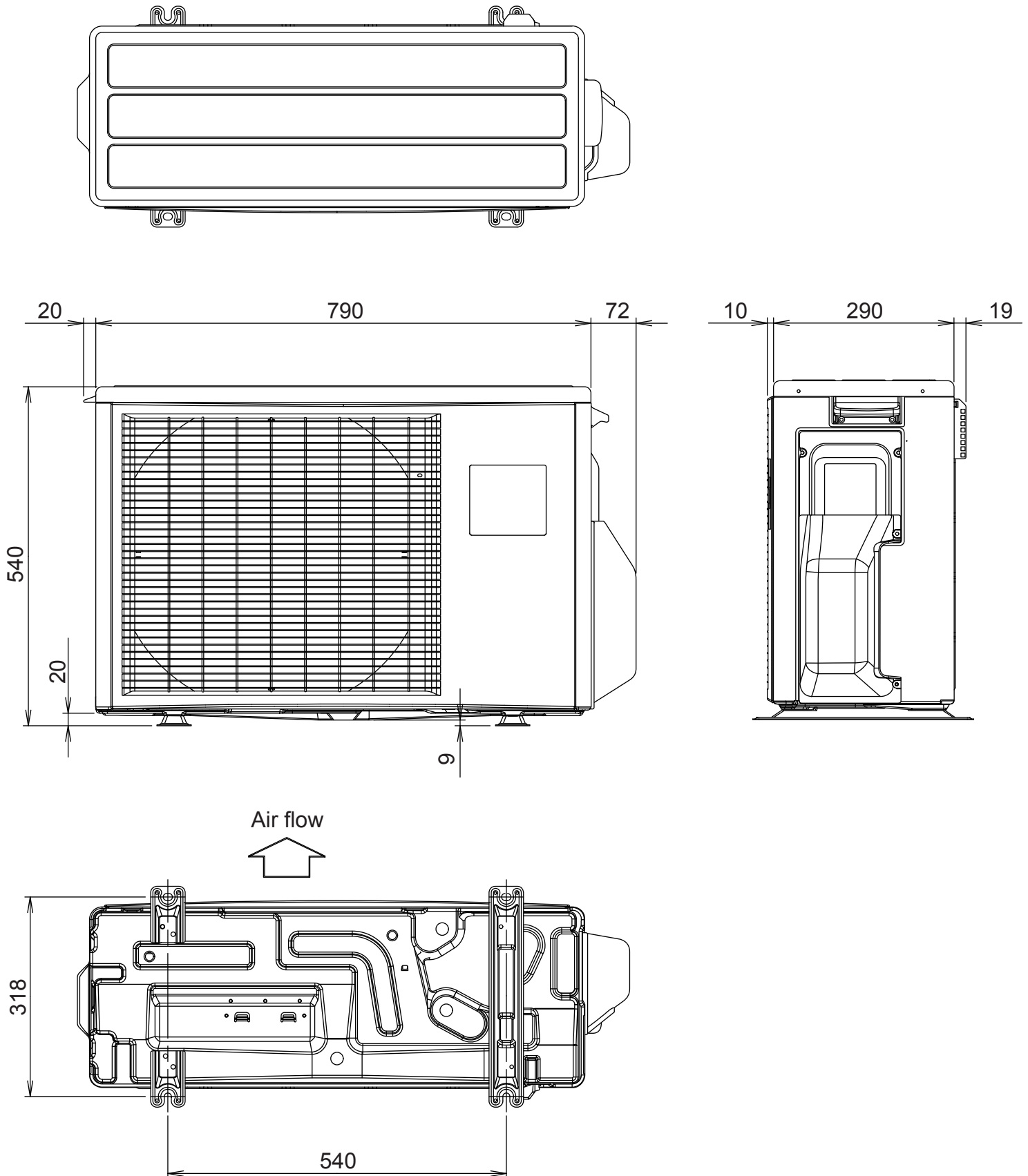
DISCRIMINATION			MFG-14WV		
FAN SPEED	Cooling	High	1,160 r.p.m.	1,260 r.p.m.	1,340 r.p.m.
		Medium	1,000 r.p.m.	1,160 r.p.m.	1,240 r.p.m.
		Low	940 r.p.m.	1,060 r.p.m.	1,140 r.p.m.
		Quiet	880 r.p.m.	960 r.p.m.	1,030 r.p.m.
	Heating	High	1,160 r.p.m.	1,260 r.p.m.	1,340 r.p.m.
		Medium	1,000 r.p.m.	1,160 r.p.m.	1,240 r.p.m.
		Low	940 r.p.m.	1,060 r.p.m.	1,140 r.p.m.
		Quiet	880 r.p.m.	960 r.p.m.	1,030 r.p.m.
AIR FLOW	Cooling	High	550 m ³ /h	600 m ³ /h	650 m ³ /h
		Medium	490 m ³ /h	550 m ³ /h	600 m ³ /h
		Low	470 m ³ /h	500 m ³ /h	550 m ³ /h
		Quiet	440 m ³ /h	450 m ³ /h	480 m ³ /h
	Heating	High	550 m ³ /h	600 m ³ /h	650 m ³ /h
		Medium	490 m ³ /h	550 m ³ /h	600 m ³ /h
		Low	470 m ³ /h	500 m ³ /h	550 m ³ /h
		Quiet	440 m ³ /h	450 m ³ /h	480 m ³ /h
NOISE LEVEL	Cooling	High	28 dB(A)	28 dB(A)	29 dB(A)
		Medium	26 dB(A)	27 dB(A)	28 dB(A)
		Low	25 dB(A)	26 dB(A)	27 dB(A)
		Quiet	24 dB(A)	25 dB(A)	26 dB(A)
	Heating	High	28 dB(A)	28 dB(A)	29 dB(A)
		Medium	26 dB(A)	26 dB(A)	28 dB(A)
		Low	25 dB(A)	25 dB(A)	27 dB(A)
		Quiet	24 dB(A)	24 dB(A)	24 dB(A)

MEASUREMENTS

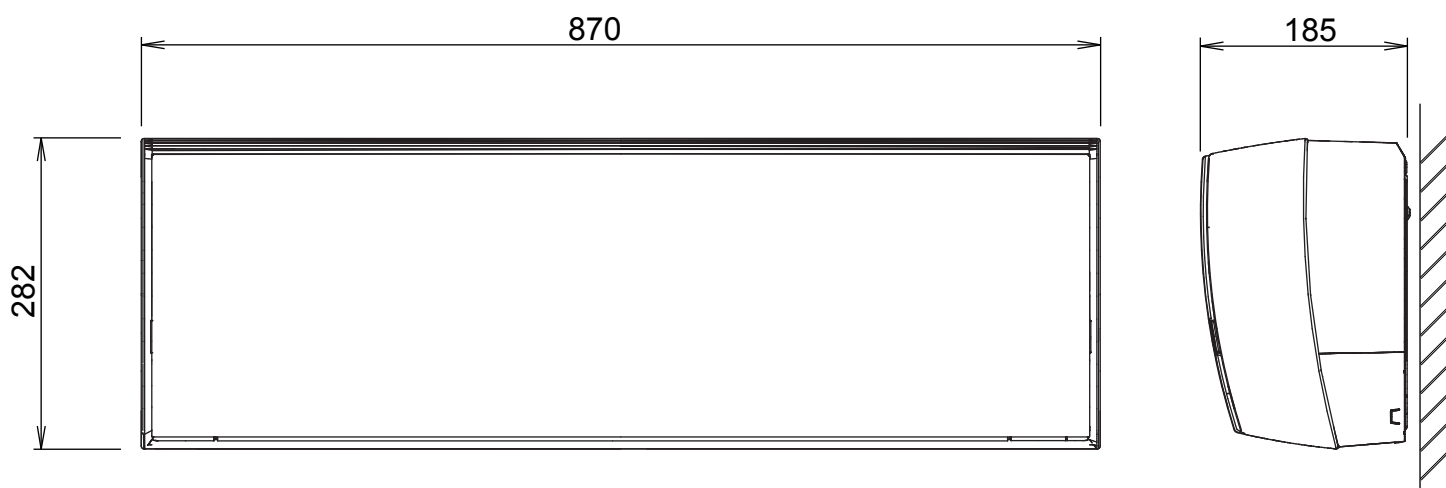
DIMENSIONS	H x W x D	198 x 700 x 620 mm	
WEIGHT	Net / Shipping	17 kg / 24 kg	19 kg / 26 kg

DIMENSIONS

OUTDOOR UNIT (unit : mm)



INDOOR UNIT
COMPACT WALL MOUNTED
ASYG07LUCA
ASYG09LUCA
ASYG12LUCA
ASYG14LUCA
unit : mm



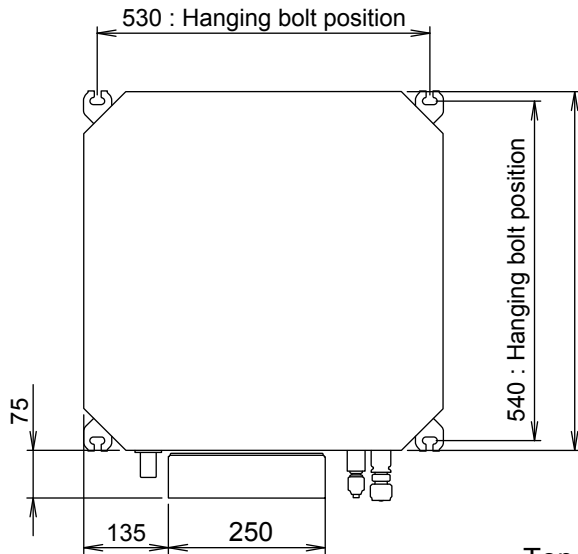
Drain pipe diameter
16.2 mm

Liquid pipe diameter : 6.35 mm

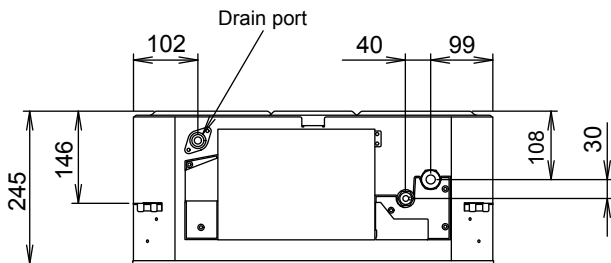
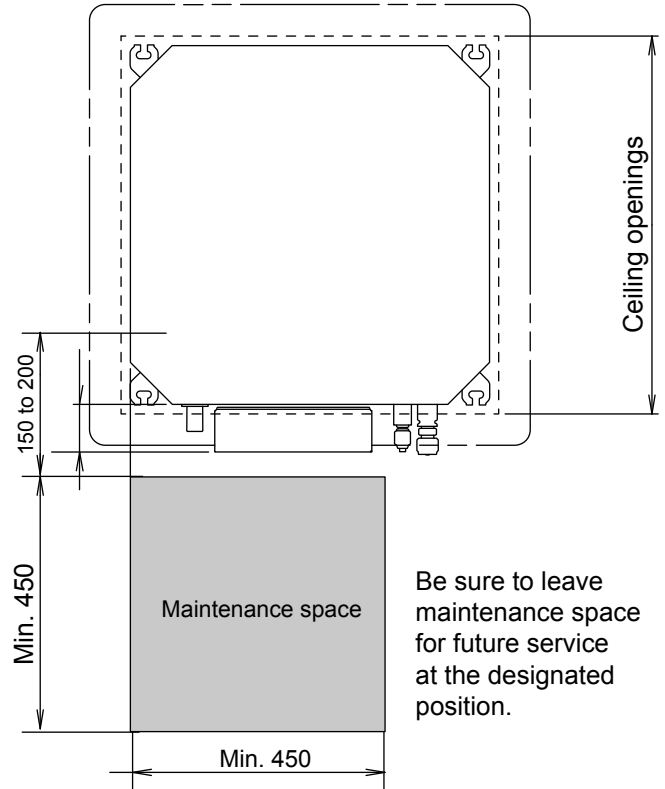
Gas pipe diameter : 9.52 mm(07, 09, 12), 12.7 mm(14)

INDOOR UNIT
COMPACT CASSETTE
AUYG07LVLA
AUYG09LVLA
AUYG12LVLA
(unit : mm)

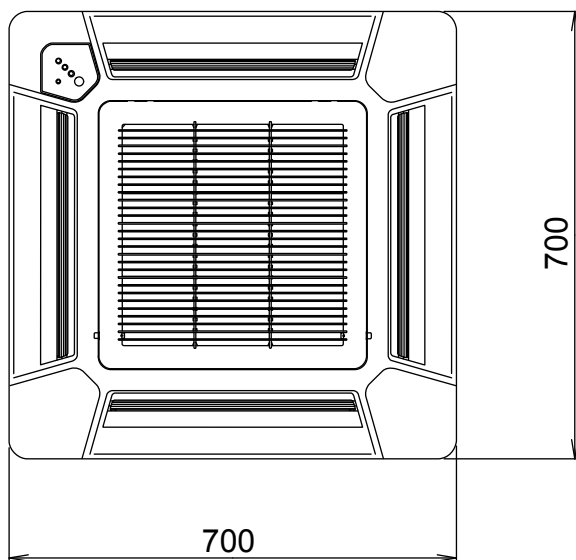
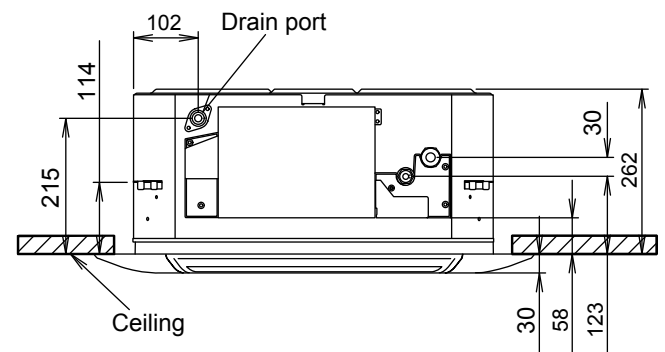
Decoration panel mounting state



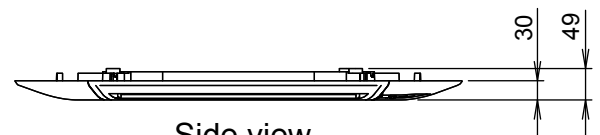
Top view



Side view

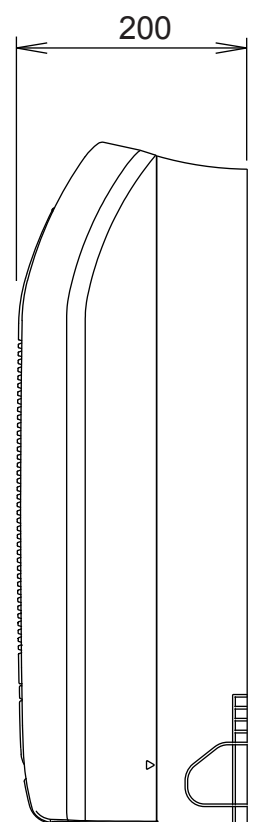
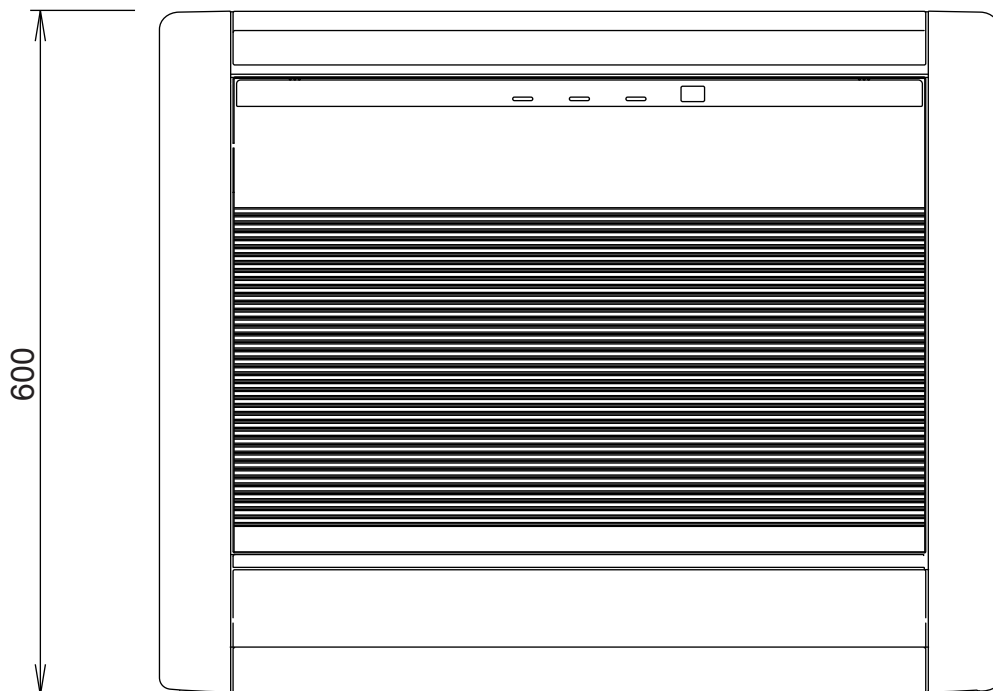
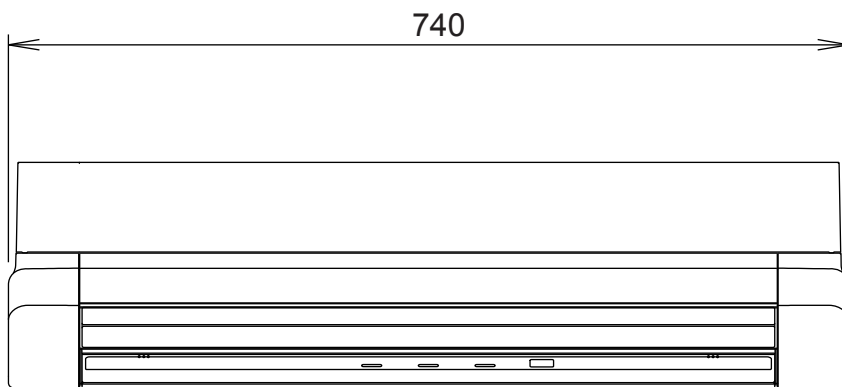


Bottom view

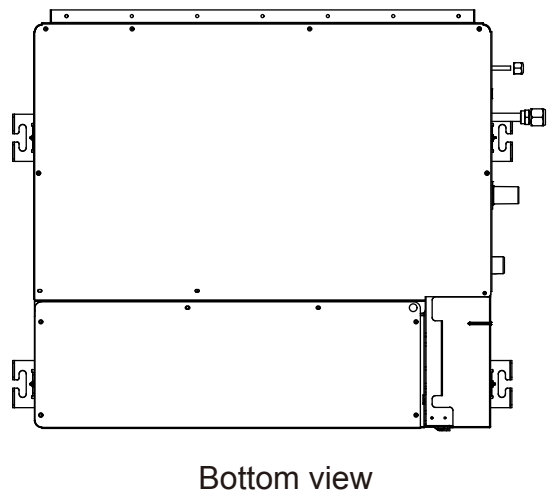
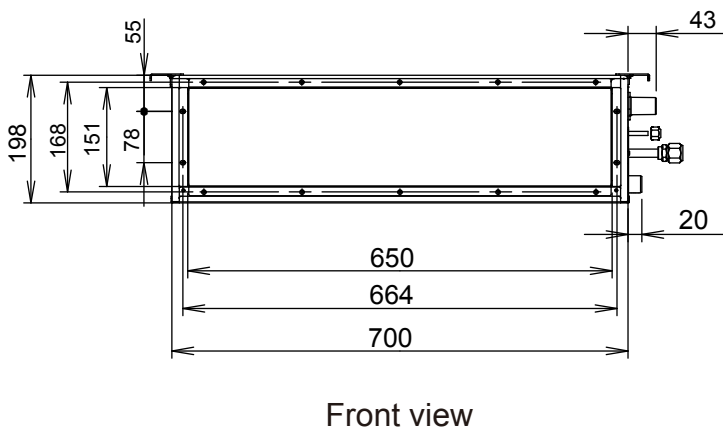
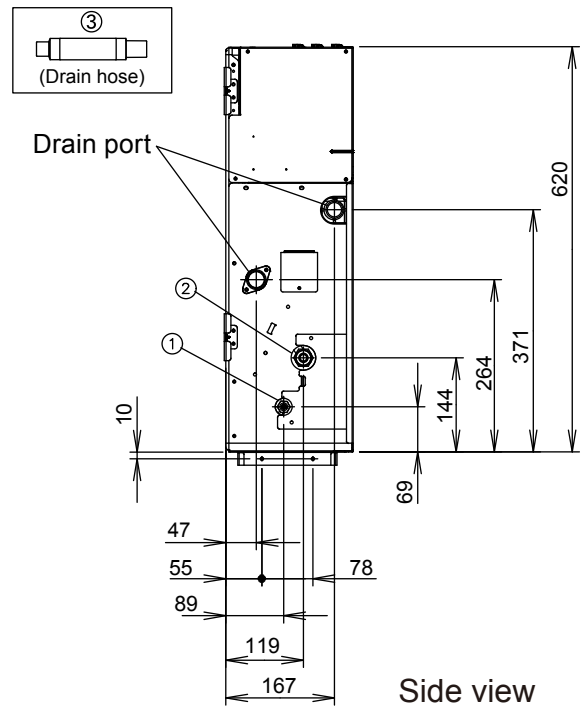
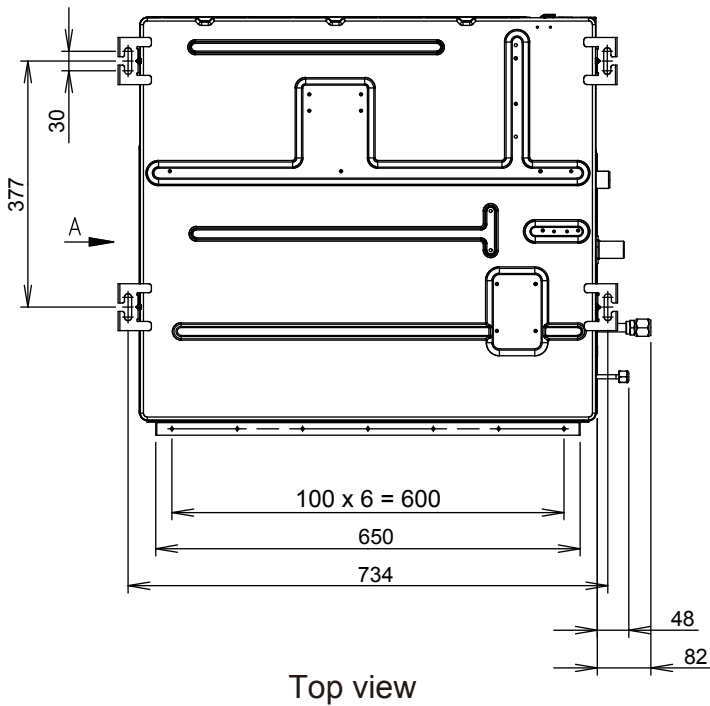
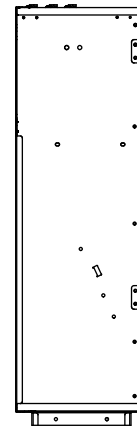
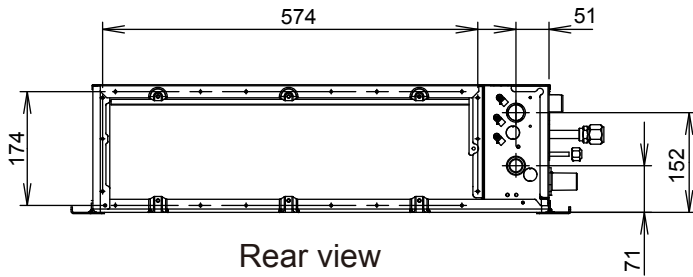


Side view

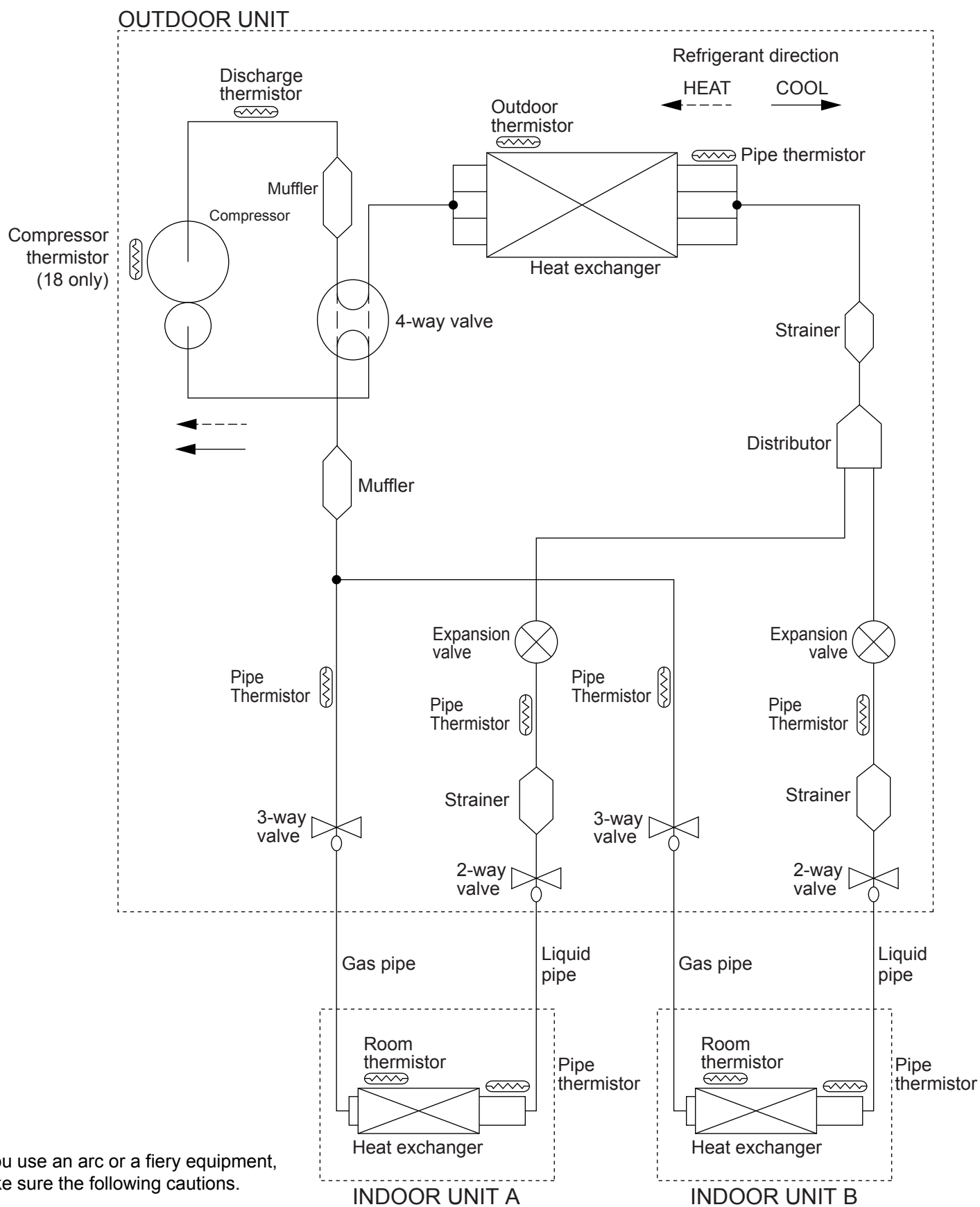
INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA
(unit : mm)



INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA
(unit : mm)



REFRIGERANT SYSTEM DIAGRAM



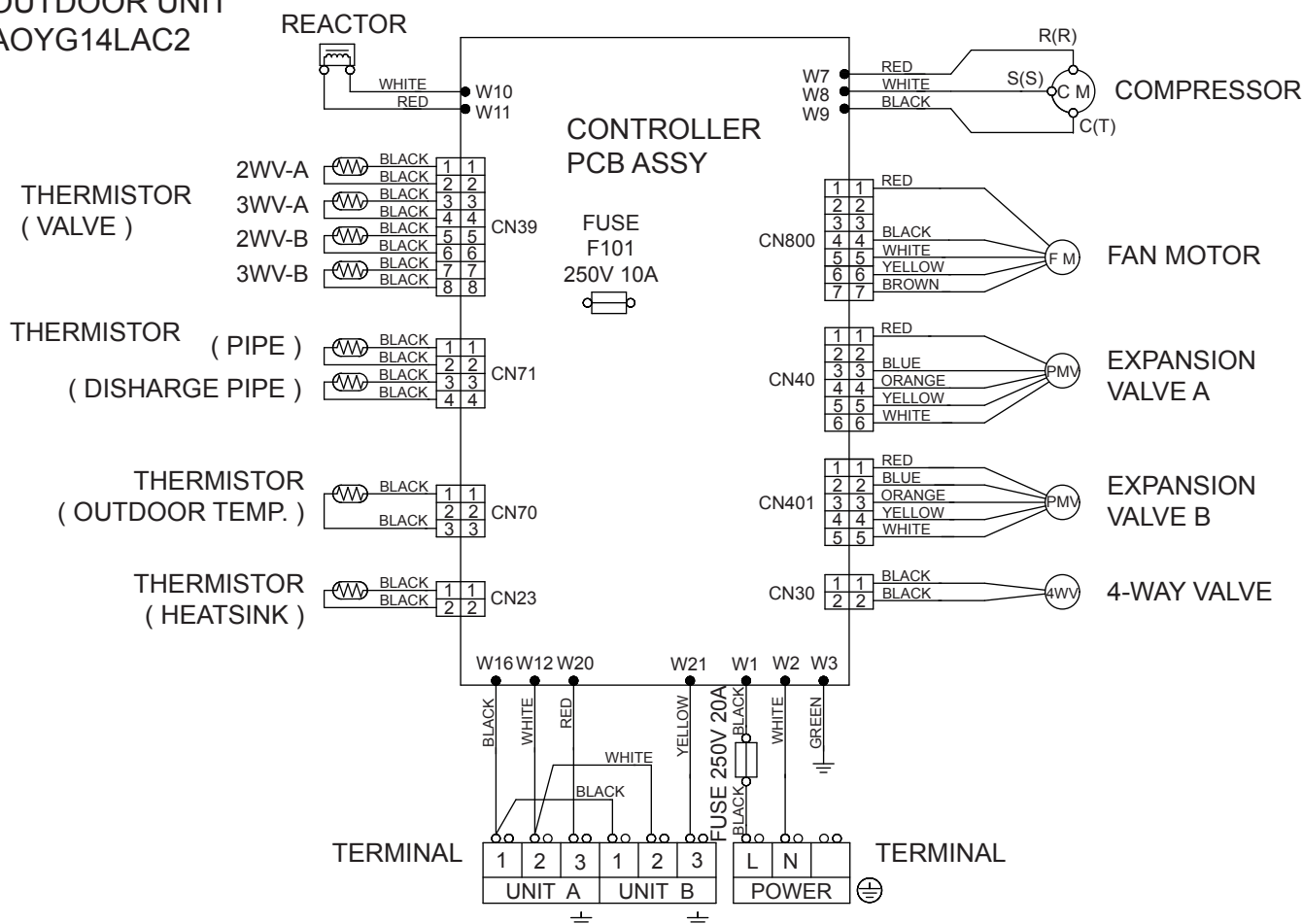
If you use an arc or a fiery equipment,
make sure the following cautions.

CAUTION

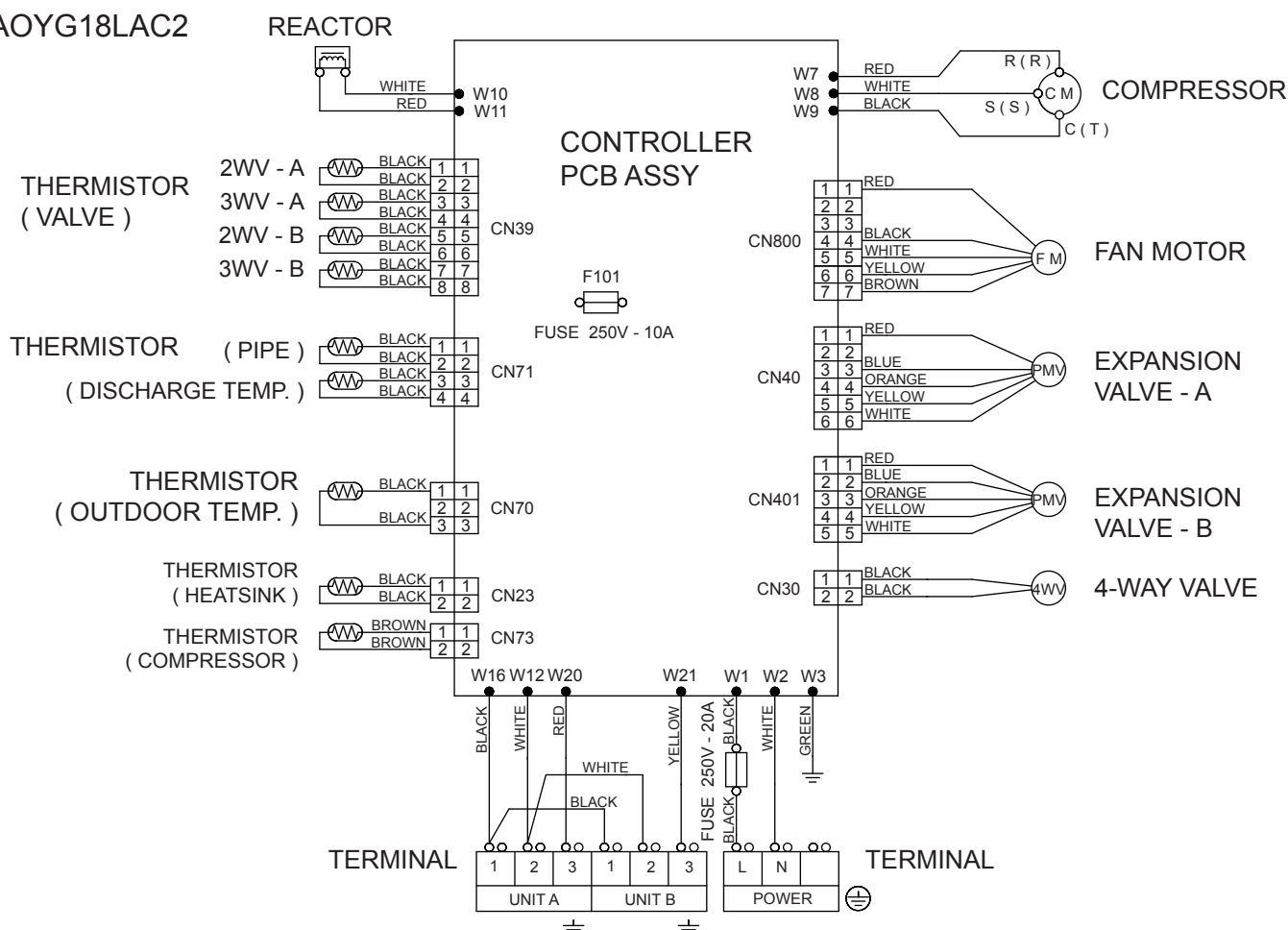
- (1) The room must be thoroughly ventilated.
All windows and doors are open.
- (2) If you have any, use a mechanical ventilation.
- (3) An other person is necessary for observation or assistance.
- (4) Keep protective equipments and extinguishing apparatus within your reach.
- (5) Welding and brazing must be carried out by qualified specialists.

CIRCUIT DIAGRAM

OUTDOOR UNIT AOYG14LAC2



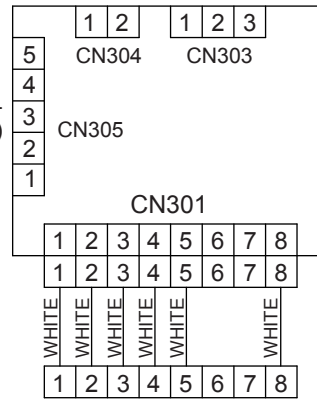
AOYG18LAC2



COMMUNICATION KIT
UTY-XCBXZ1
(OPTION)

REMOTE CONTROL
(OPTION)

EX OUT (OPTION) EX IN (OPTION)

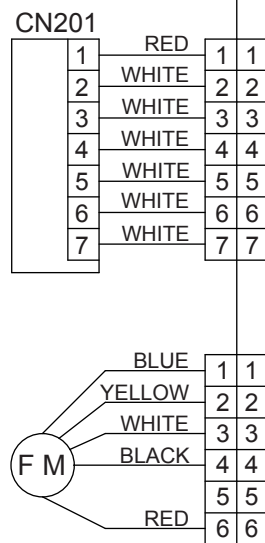


COMMUNICATION
PCB ASSY

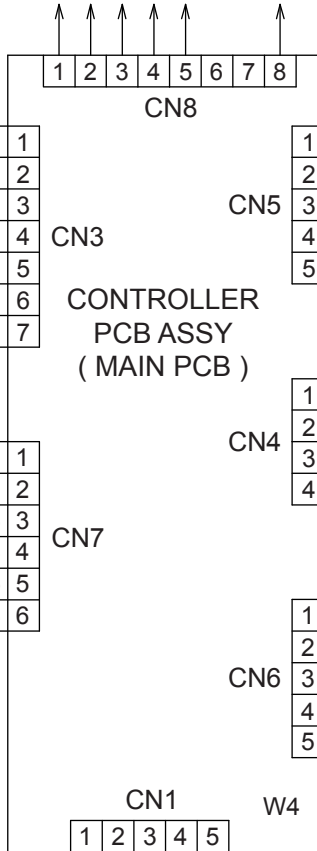
INDOOR UNIT
COMPACT WALL MOUNTED
ASYG07LJCA
ASYG09LJCA
ASYG12LJCA

INDICATOR
PCB ASSY

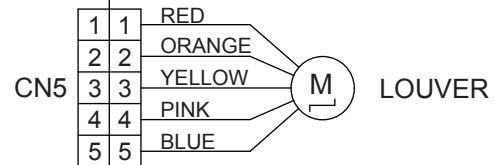
FAN MOTOR



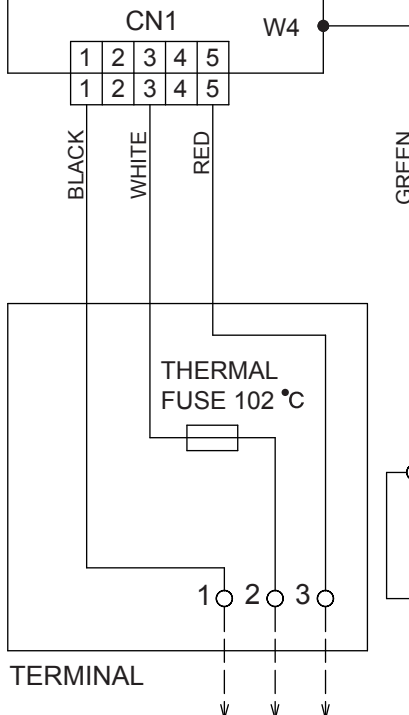
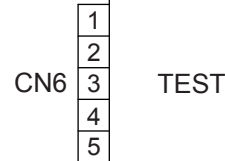
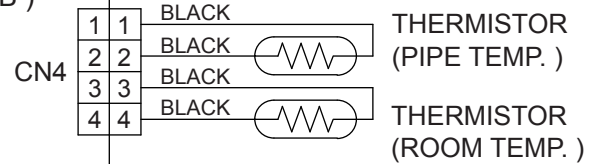
to COMMUNICATION
BOARD (OPTION)



CONTROLLER
PCB ASSY
(MAIN PCB)

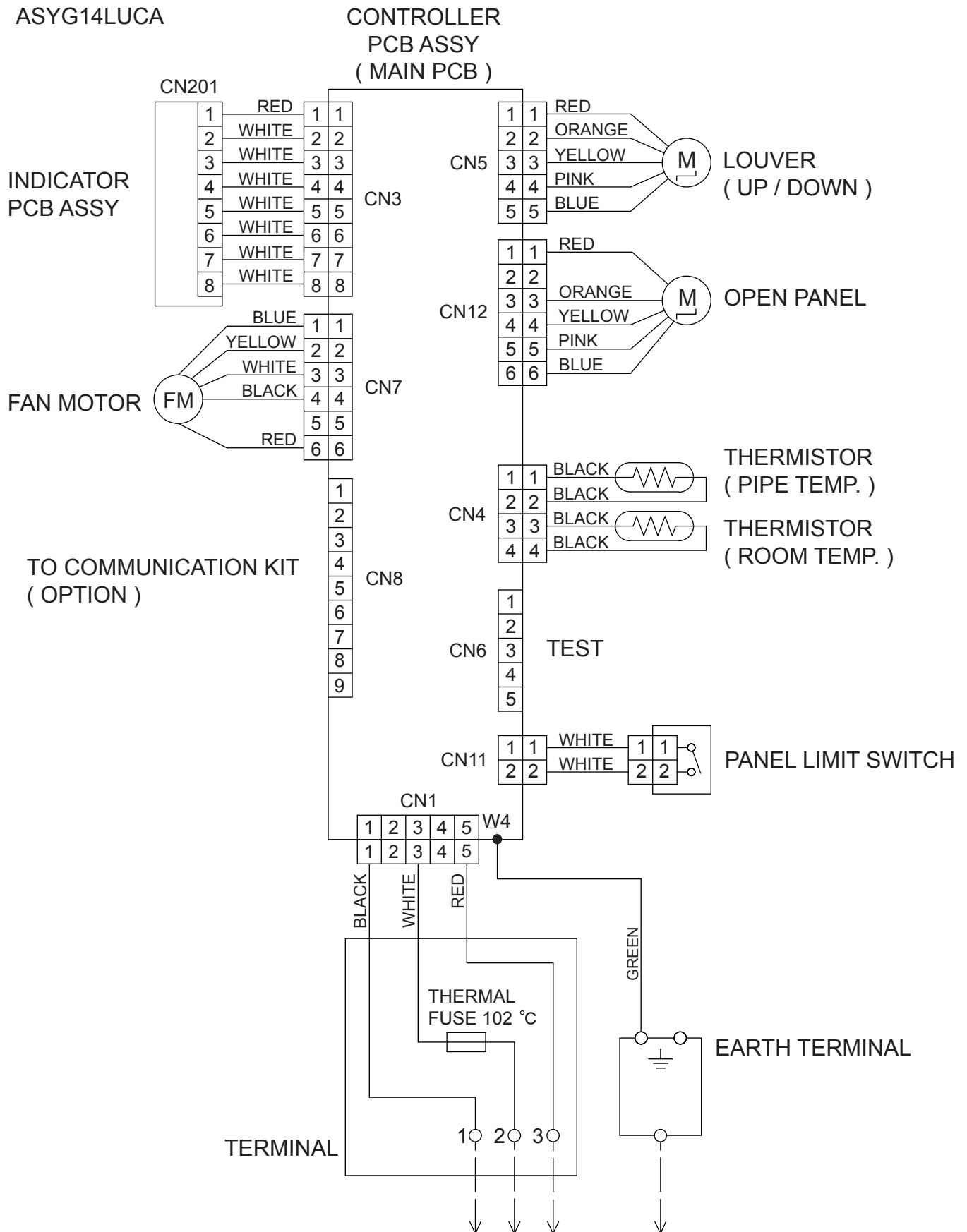


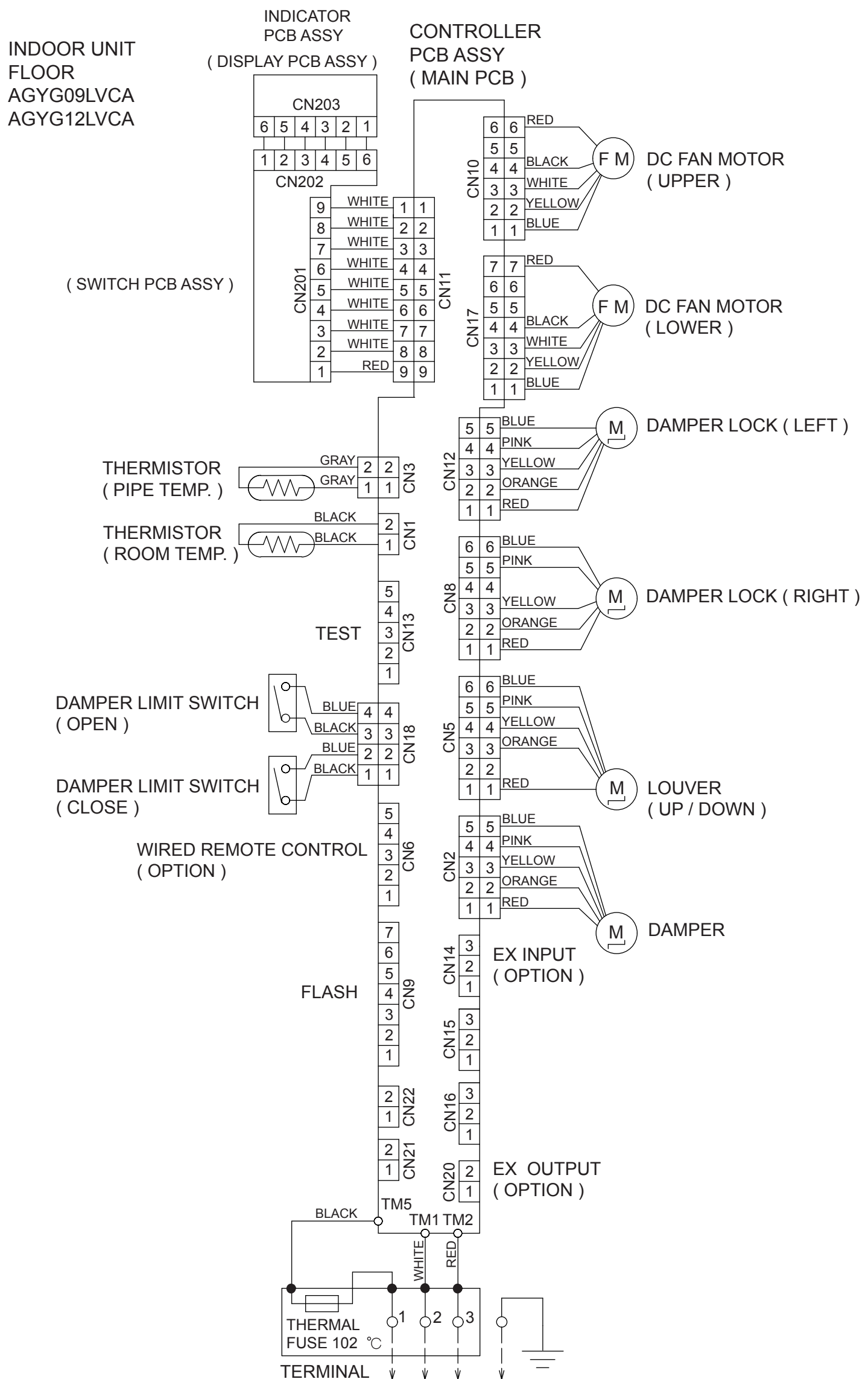
LOUVER



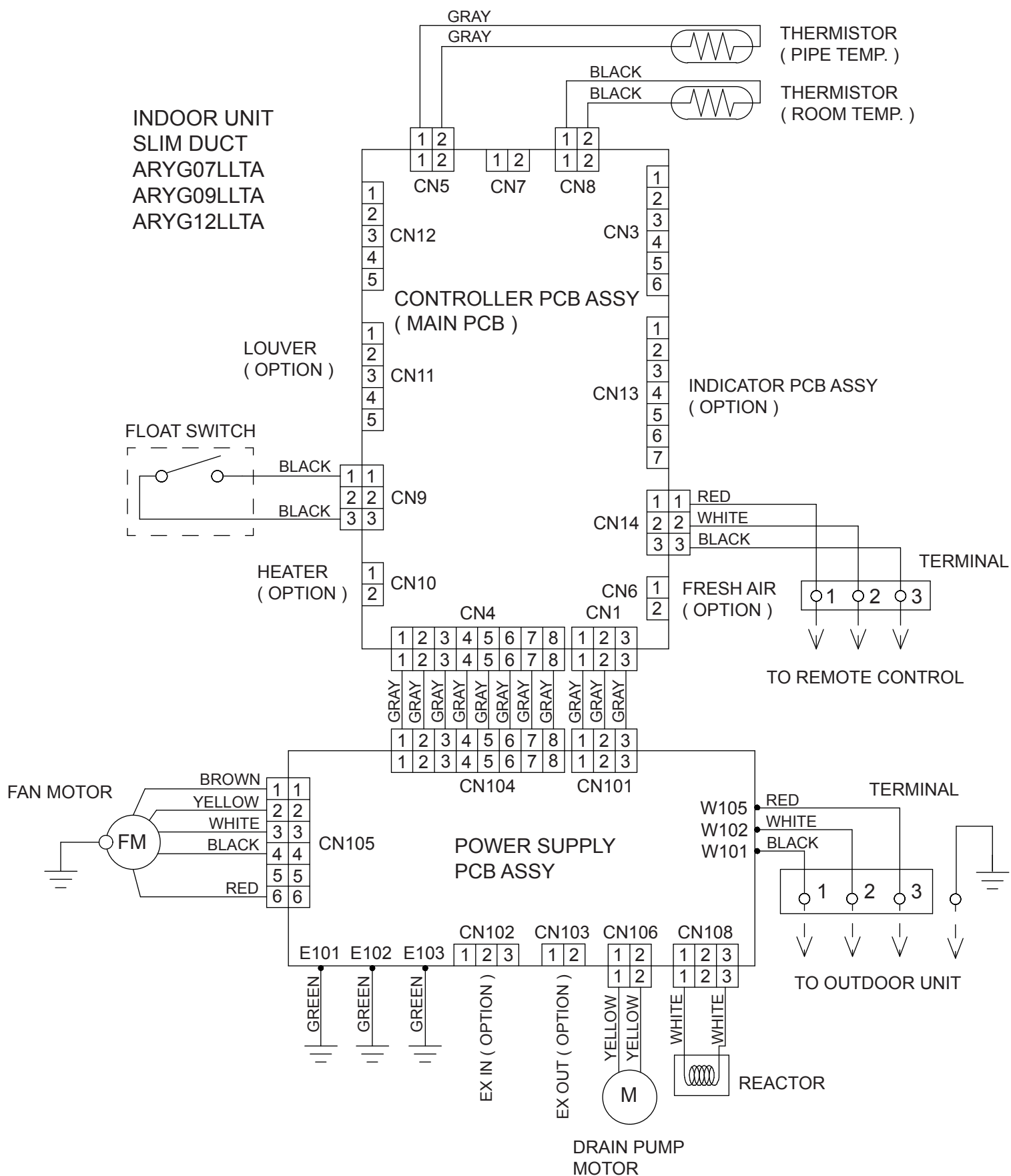
TERMINAL

INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA



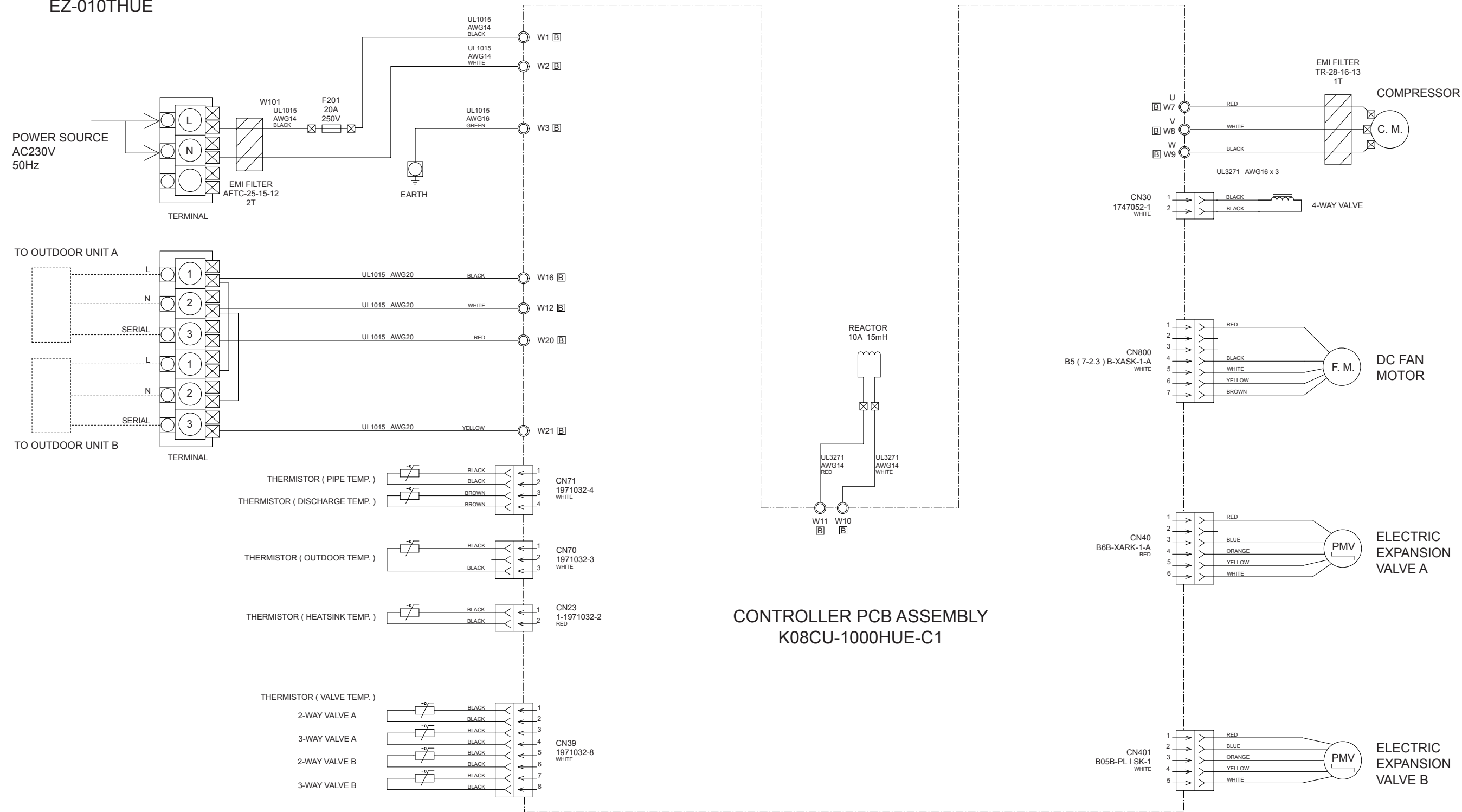


INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA



OUTDOOR PCB CIRCUIT DIAGRAM

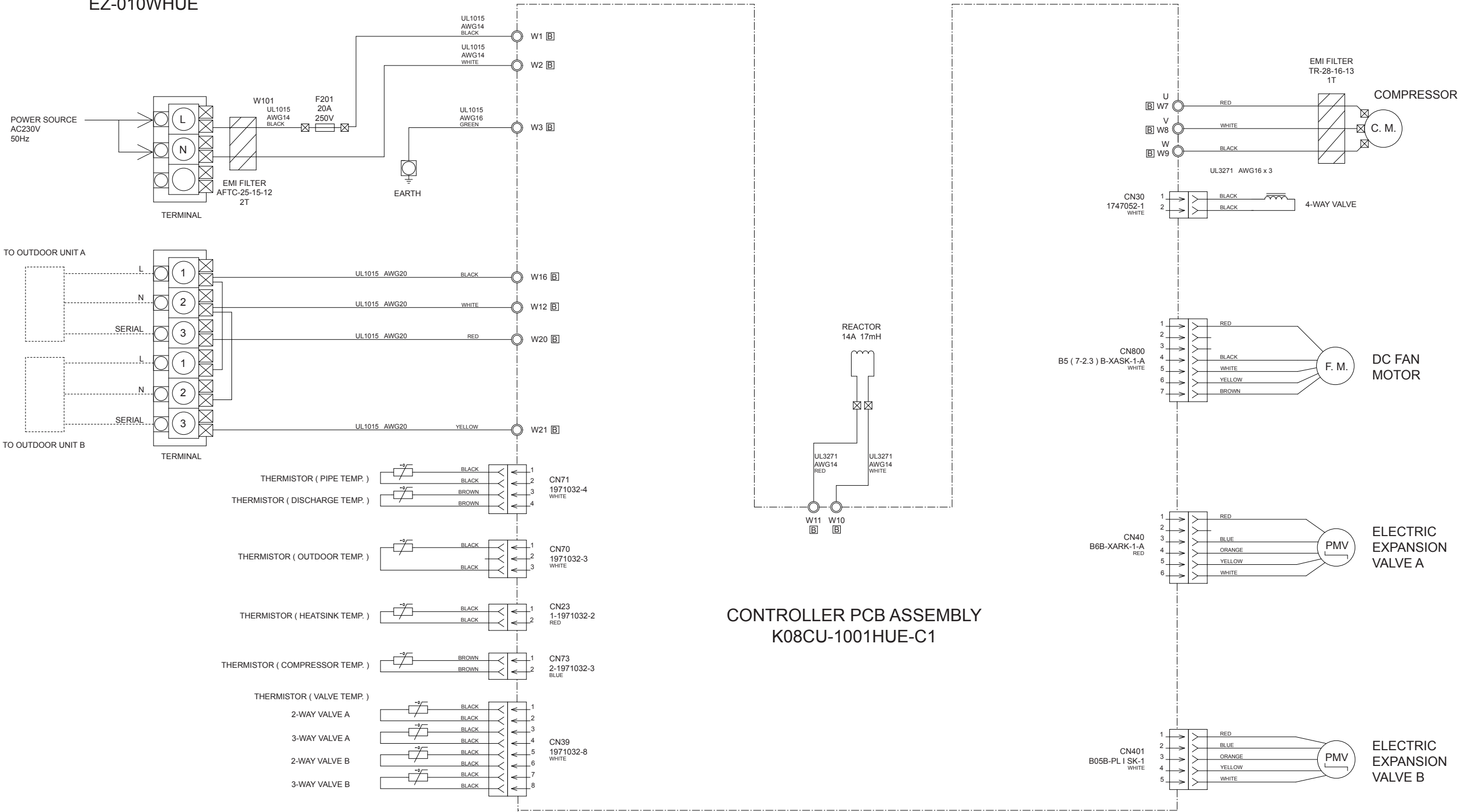
AOYG14LAC2
INVERTER ASSEMBLY
EZ-010THUE



CONTROLLER PCB ASSEMBLY (MAIN PCB)
K08CU-1000HUE-C1

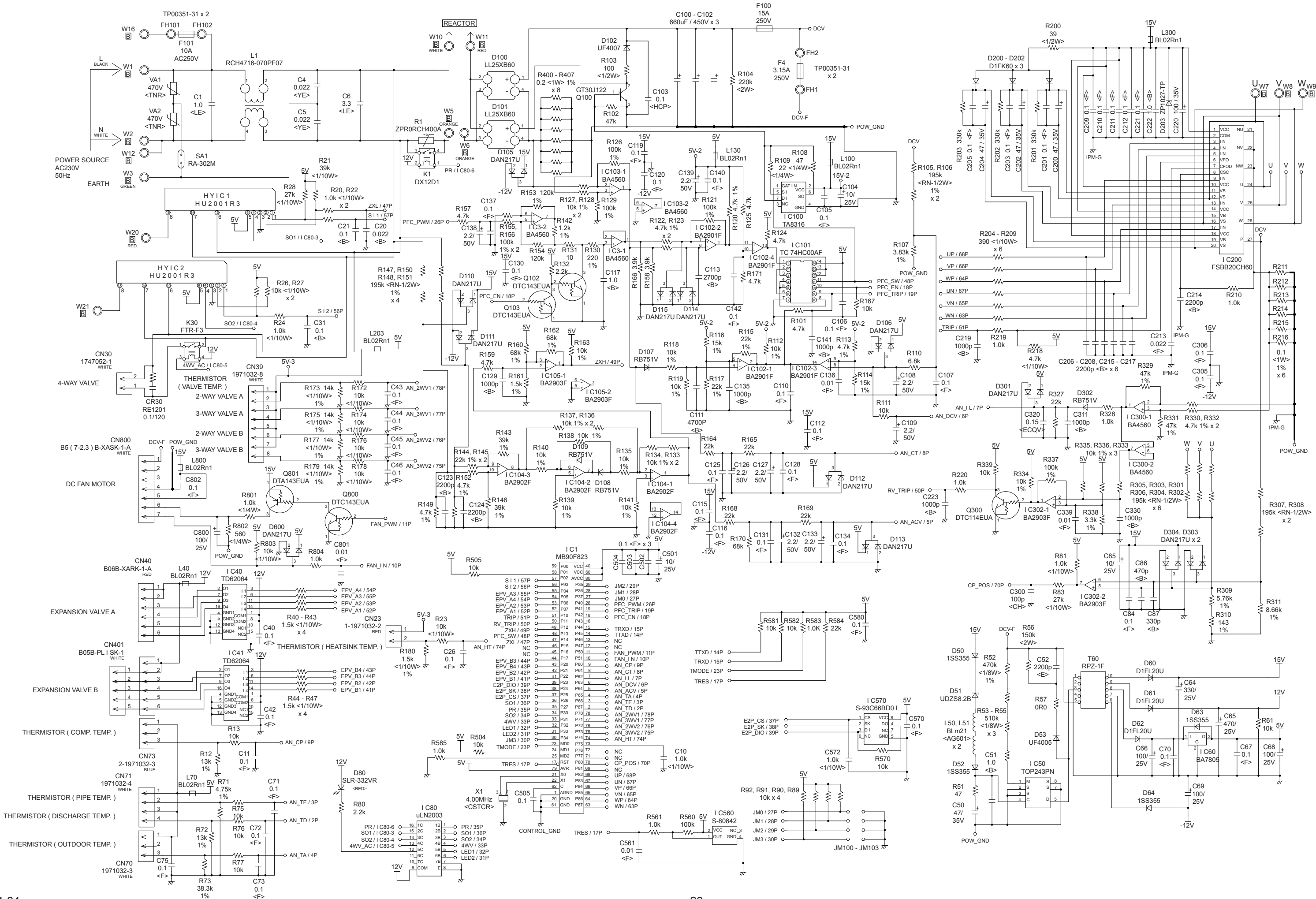


OUTDOOR UNIT
AOYG18LAC2
INVERTER ASSEMBLY
EZ-010WHUE



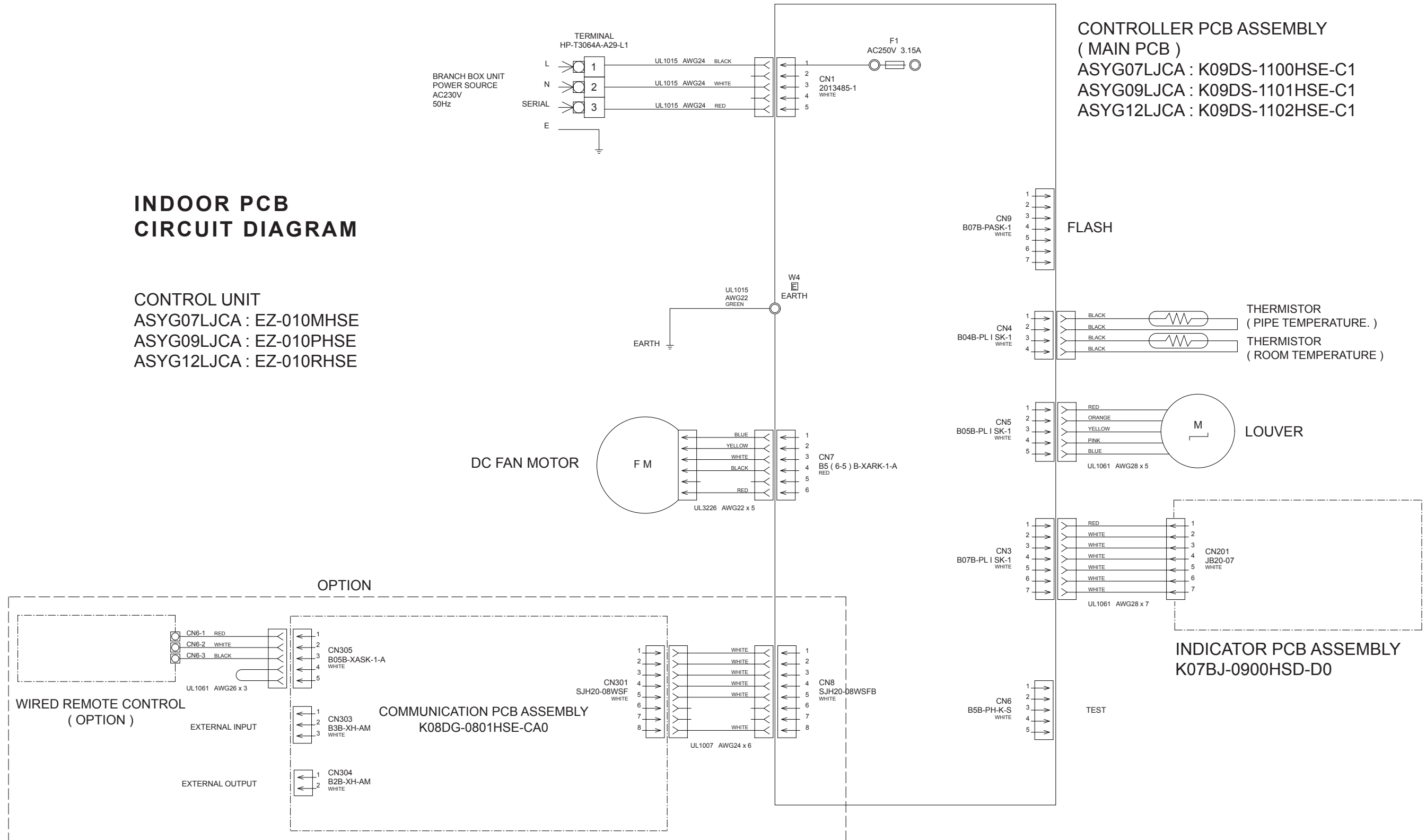
OUTDOOR UNIT
AOYG18LAC2

CONTROLLER PCB ASSEMBLY
K08CU-1001HUE-C1

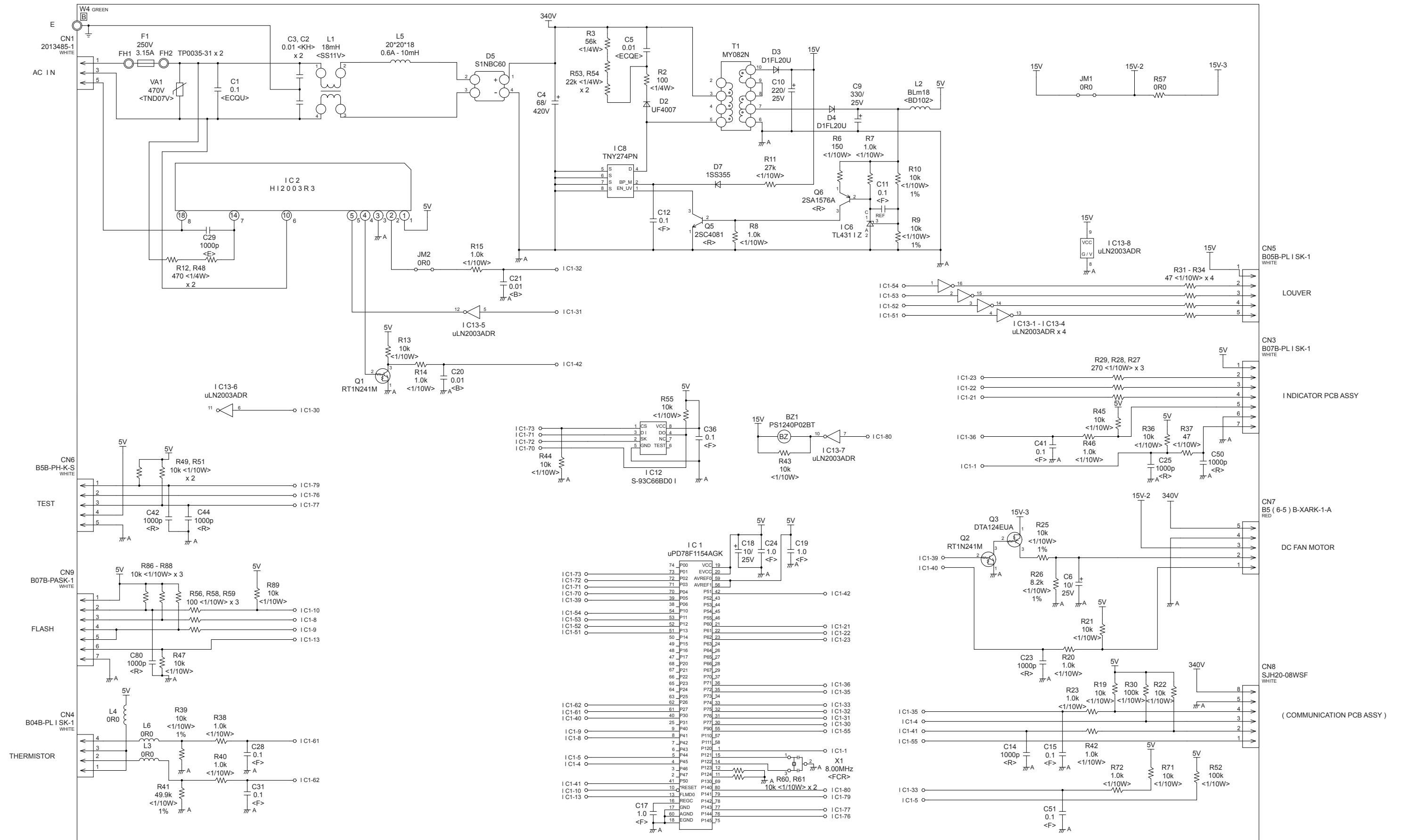


INDOOR PCB CIRCUIT DIAGRAM

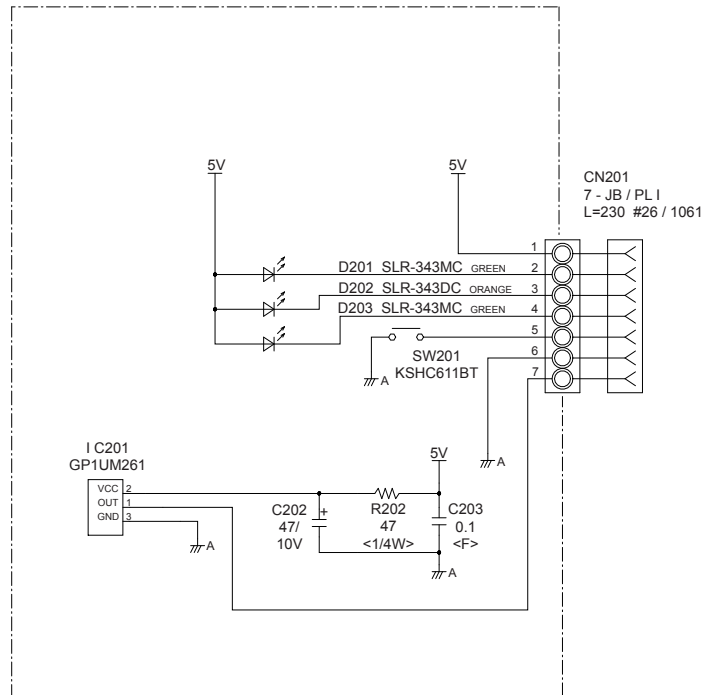
CONTROL UNIT
 ASYG07LJCA : EZ-010MHSE
 ASYG09LJCA : EZ-010PHSE
 ASYG12LJCA : EZ-010RHSE



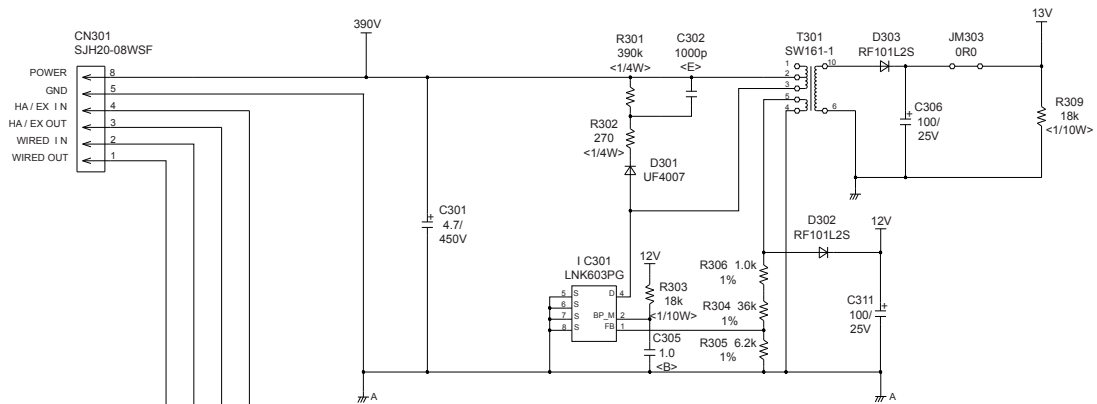
INDOOR UNIT
COMPACT WALL MOUNTED
CONTROLLER PCB ASSEMBLY (MAIN PCB)
ASYG07LJCA : K09DS-1100HSE-C1
ASYG09LJCA : K09DS-1101HSE-C1
ASYG12LJCA : K09DS-1102HSE-C1



INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LJCA
 ASYG09LJCA
 ASYG12LJCA
 INDICATOR PCB ASSEMBLY
 K07BJ-0900HSD-D0

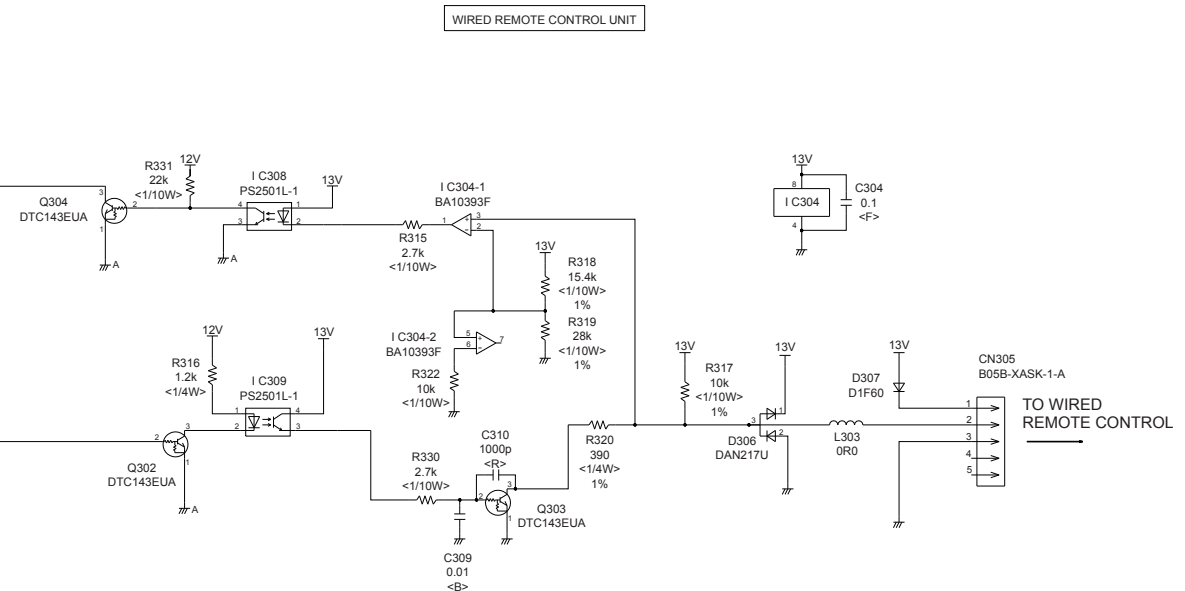
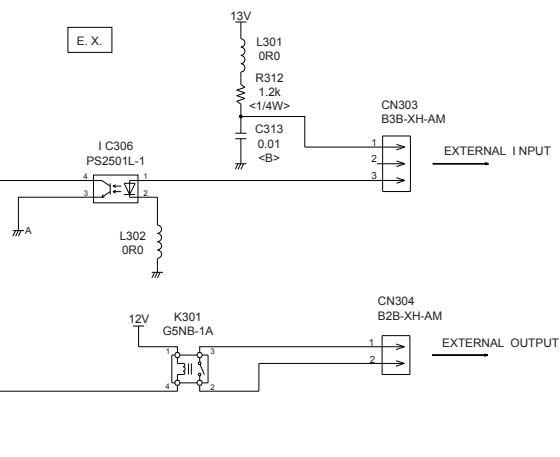


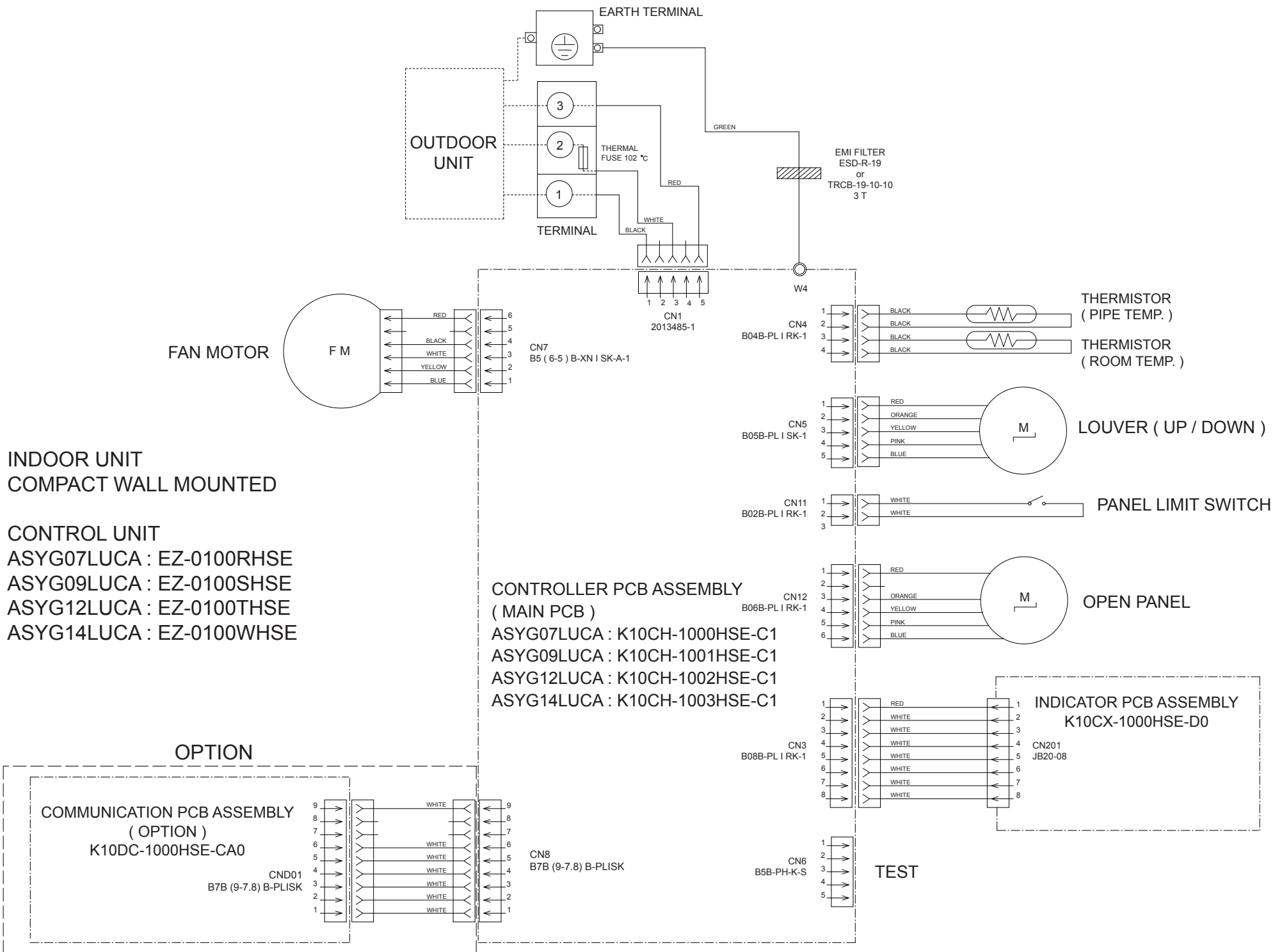
POWER

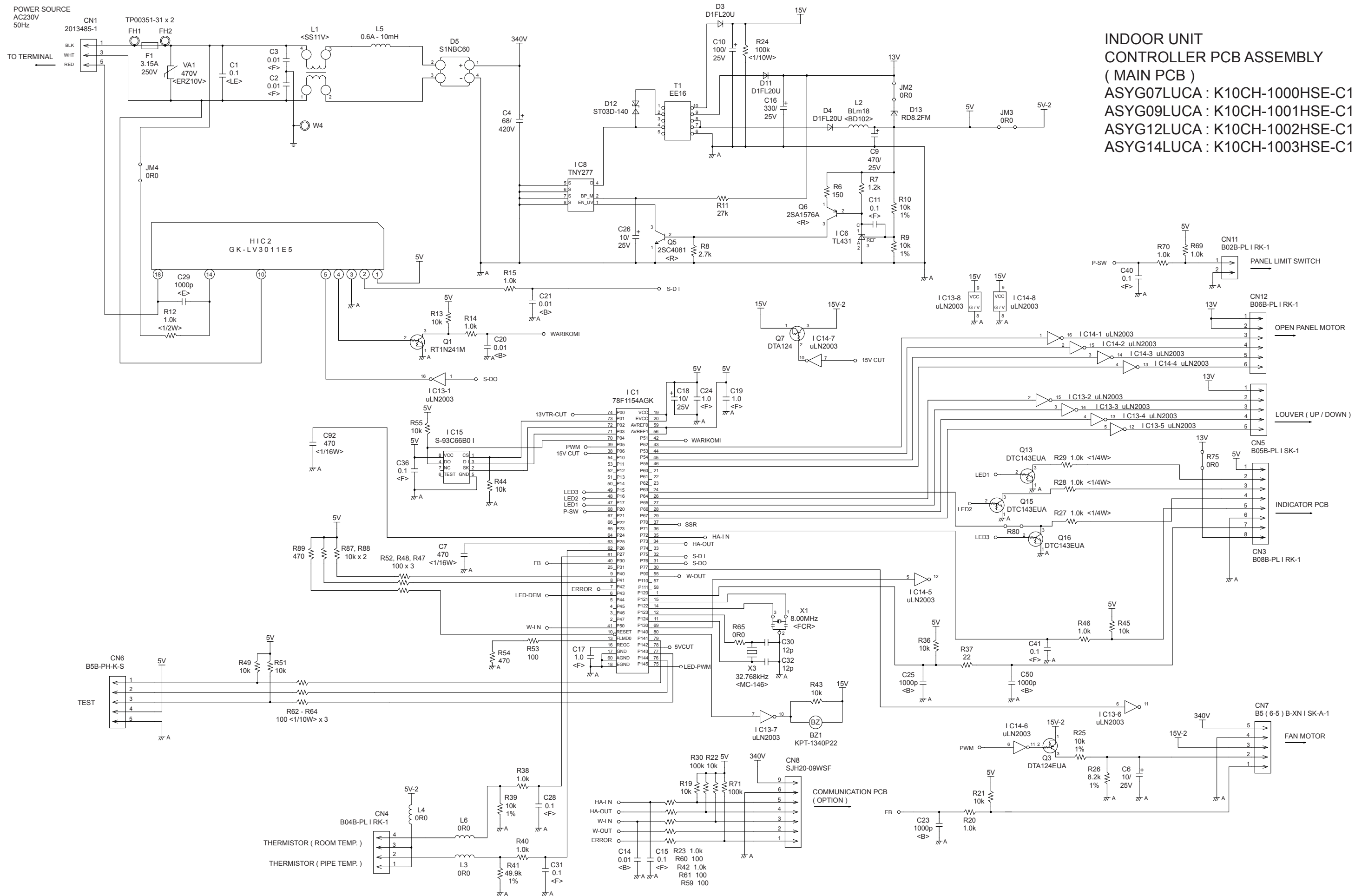


The limitation optional of ASYG07, 09 and 12LJCA

COMMUNICATION PCB ASSEMBLY
K08DG-0801HSE-CA0

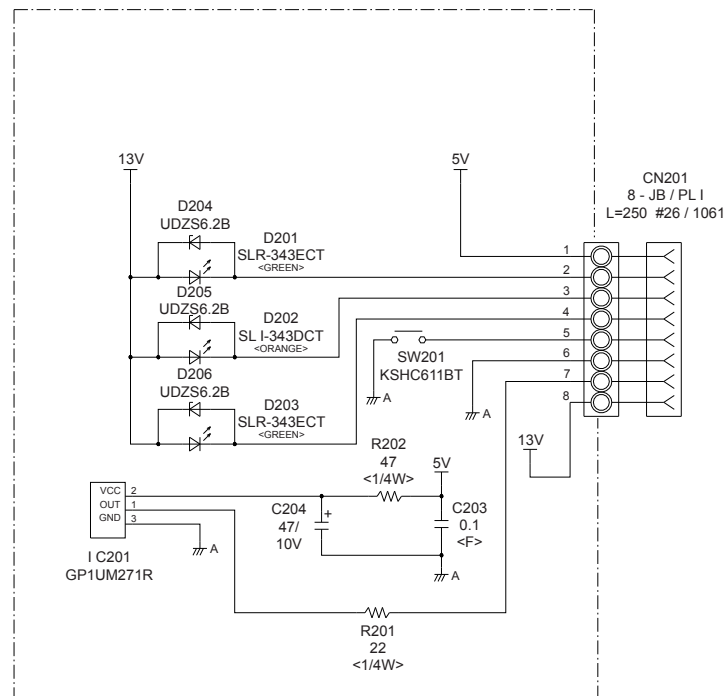




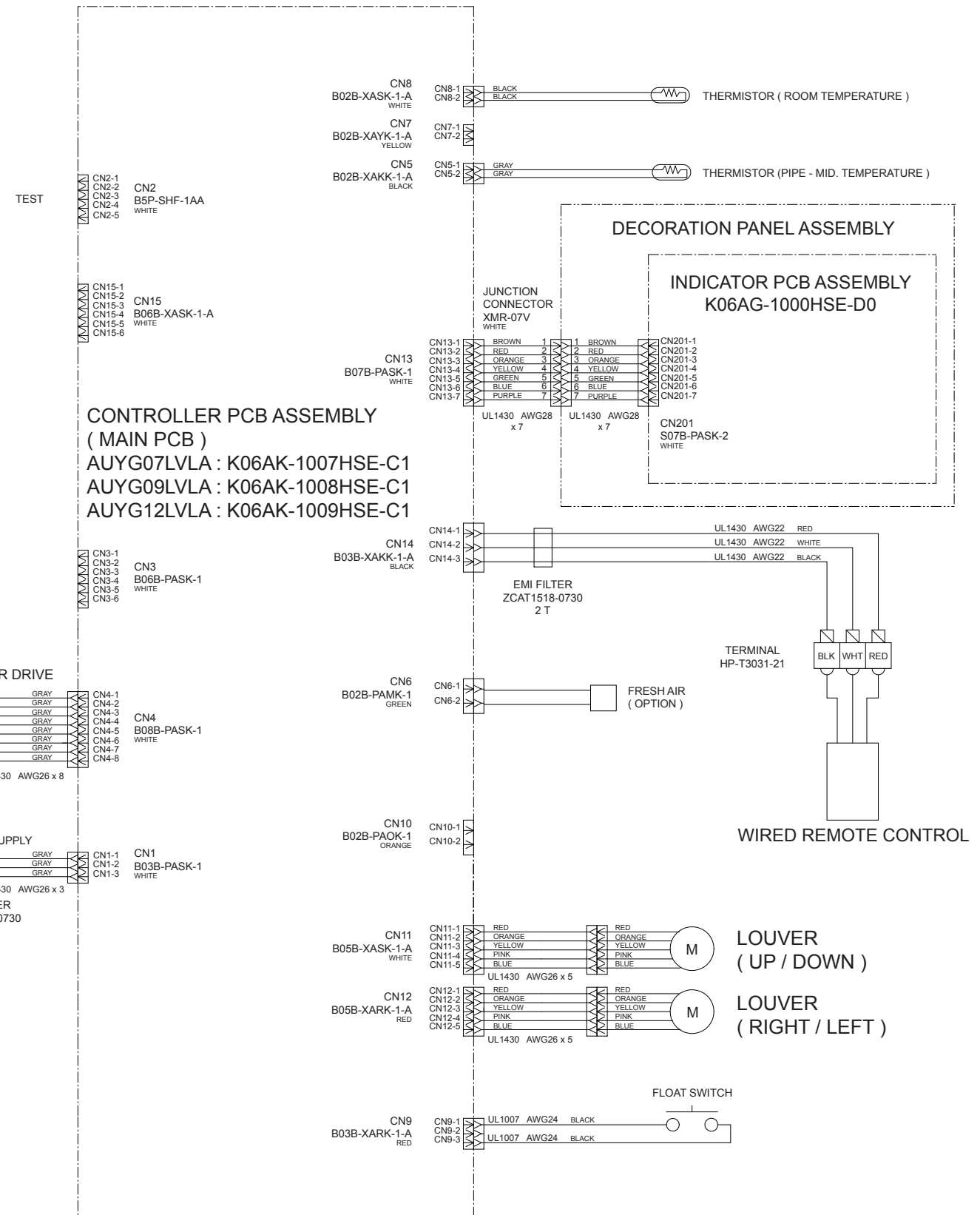
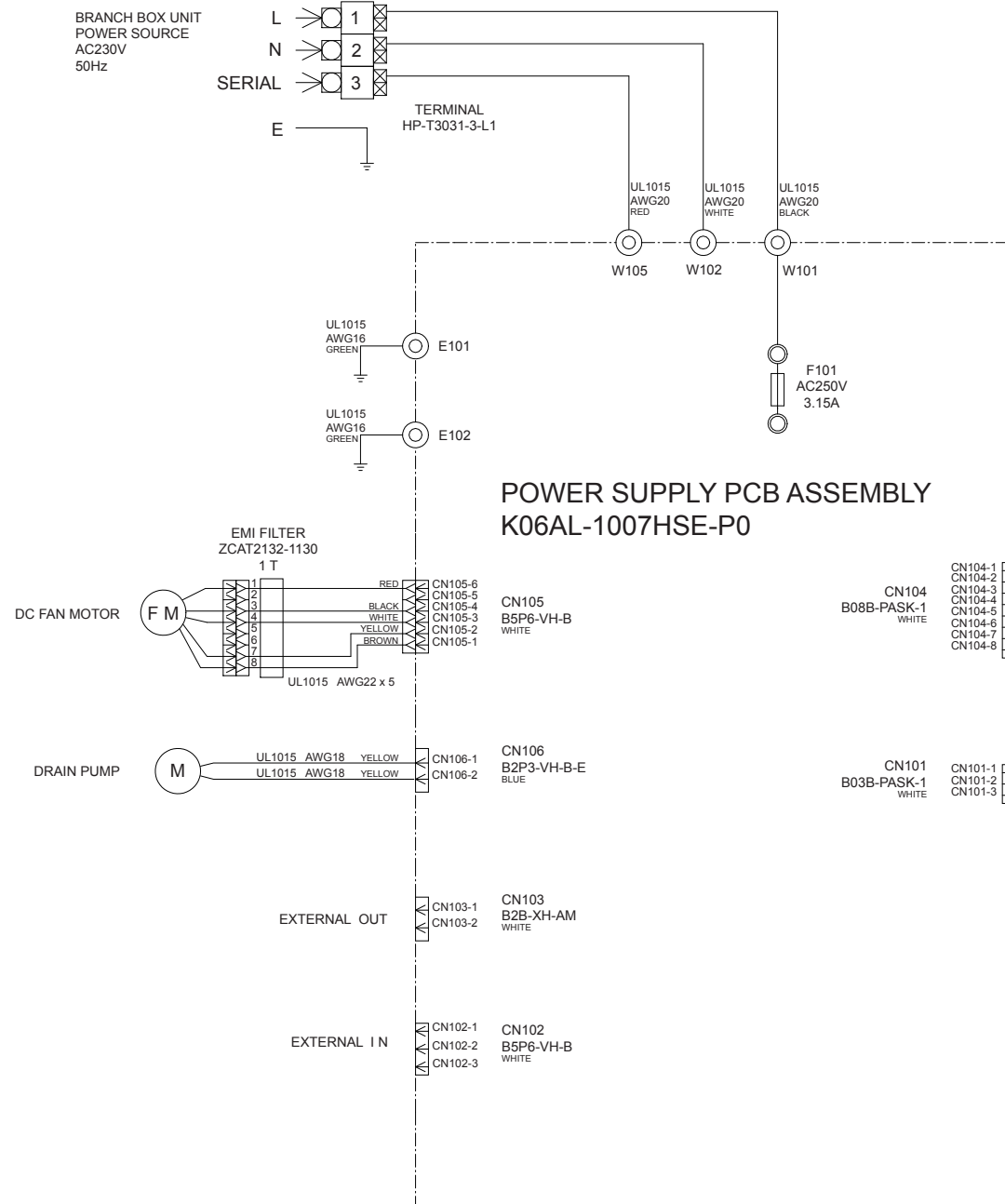


INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA

INDICATOR PCB ASSEMBLY
 K10CX-1000HSE-D0

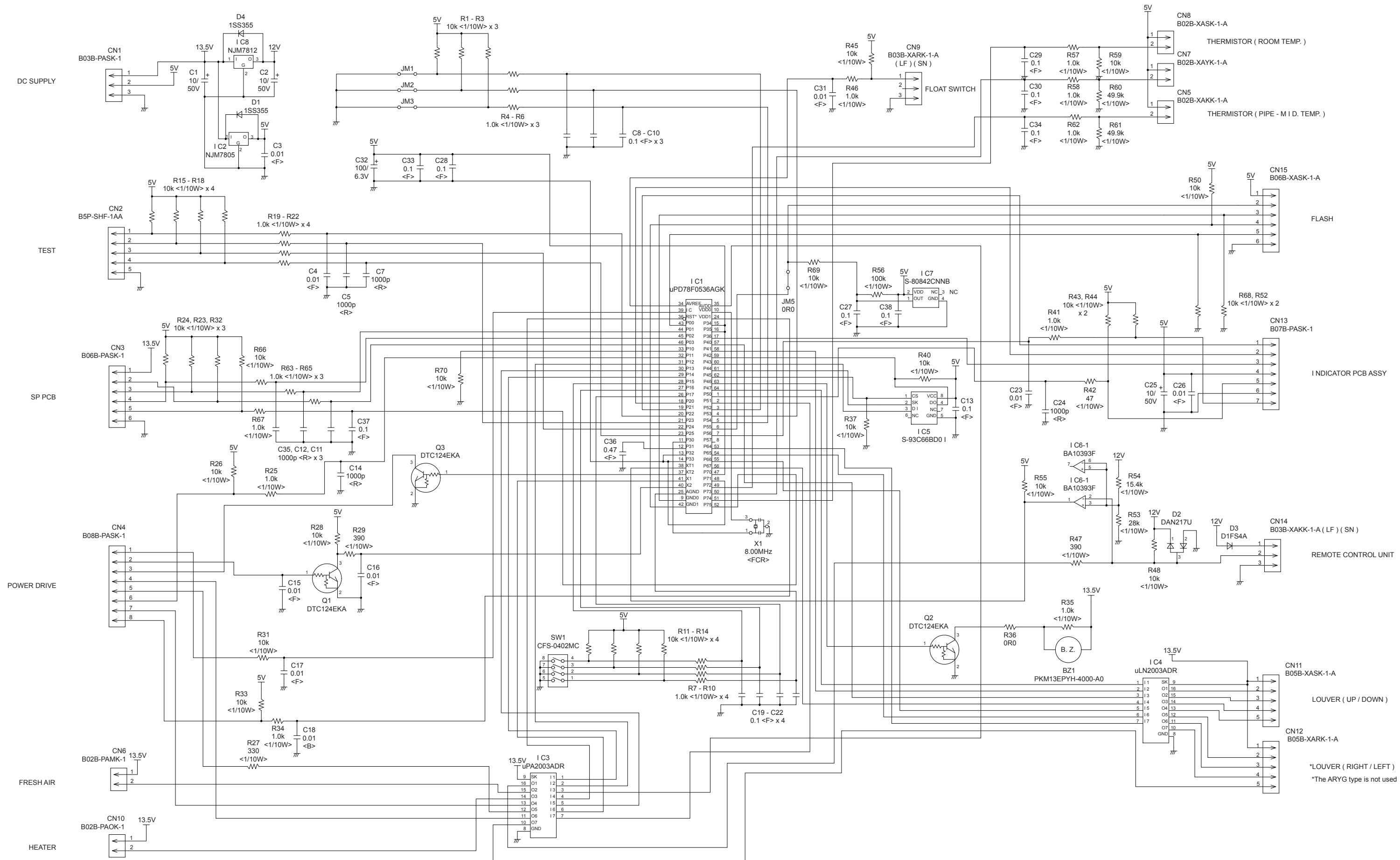


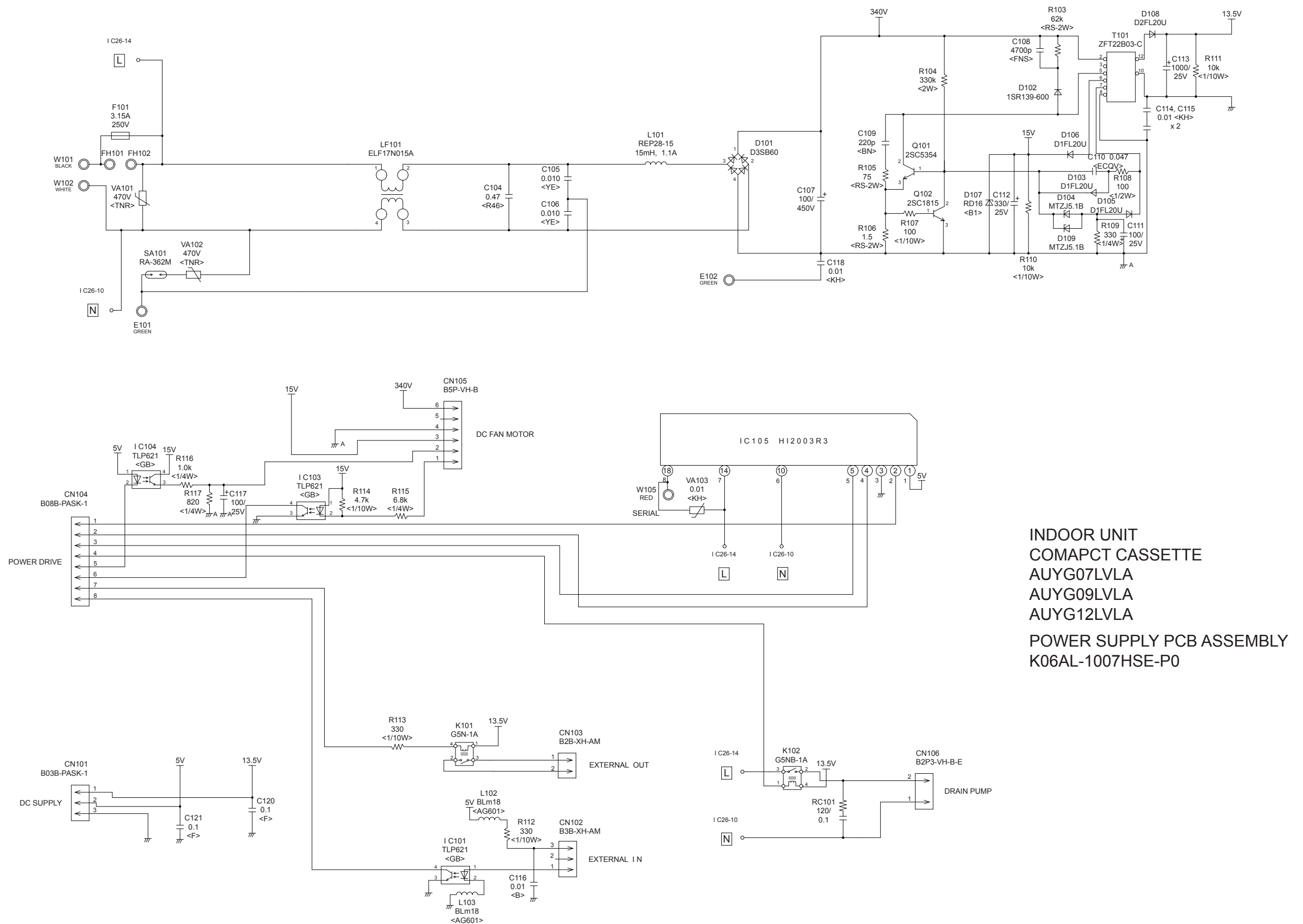
INDOOR UNIT
COMPACT CASSETTE
CONTROL UNIT
AUYG07LVLA : EZ-01004HSE
AUYG09LVLA : EZ-01005HSE
AUYG12LVLA : EZ-01006HSE



INDOOR UNIT
CONTROLLER PCB ASSEMBLY (MAIN PCB)

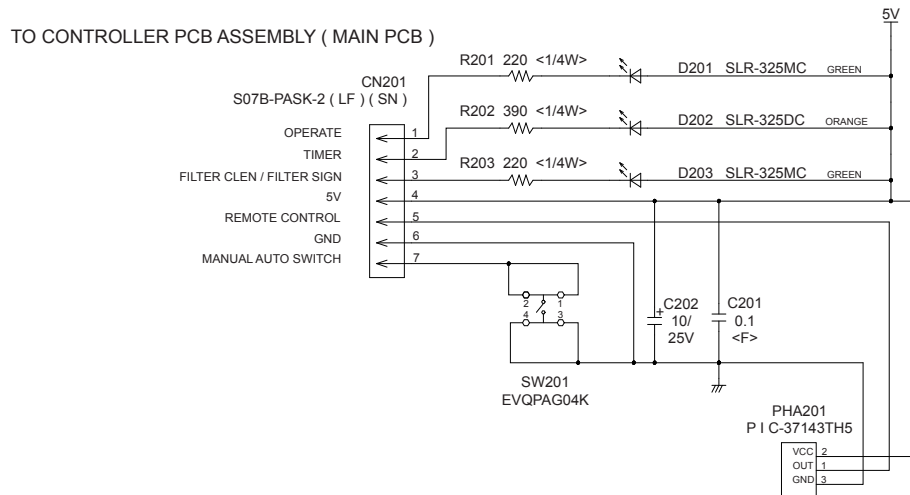
AUYG07LVLA : K06AK-1007HSE-C1 ARYG07LLTA : K06AK-100CHSE-C1
AUYG09LVLA : K06AK-1008HSE-C1 ARYG09LLTA : K06AK-100DHSE-C1
AUYG12LVLA : K06AK-1009HSE-C1 ARYG12LLTA : K06AK-100EHSE-C1

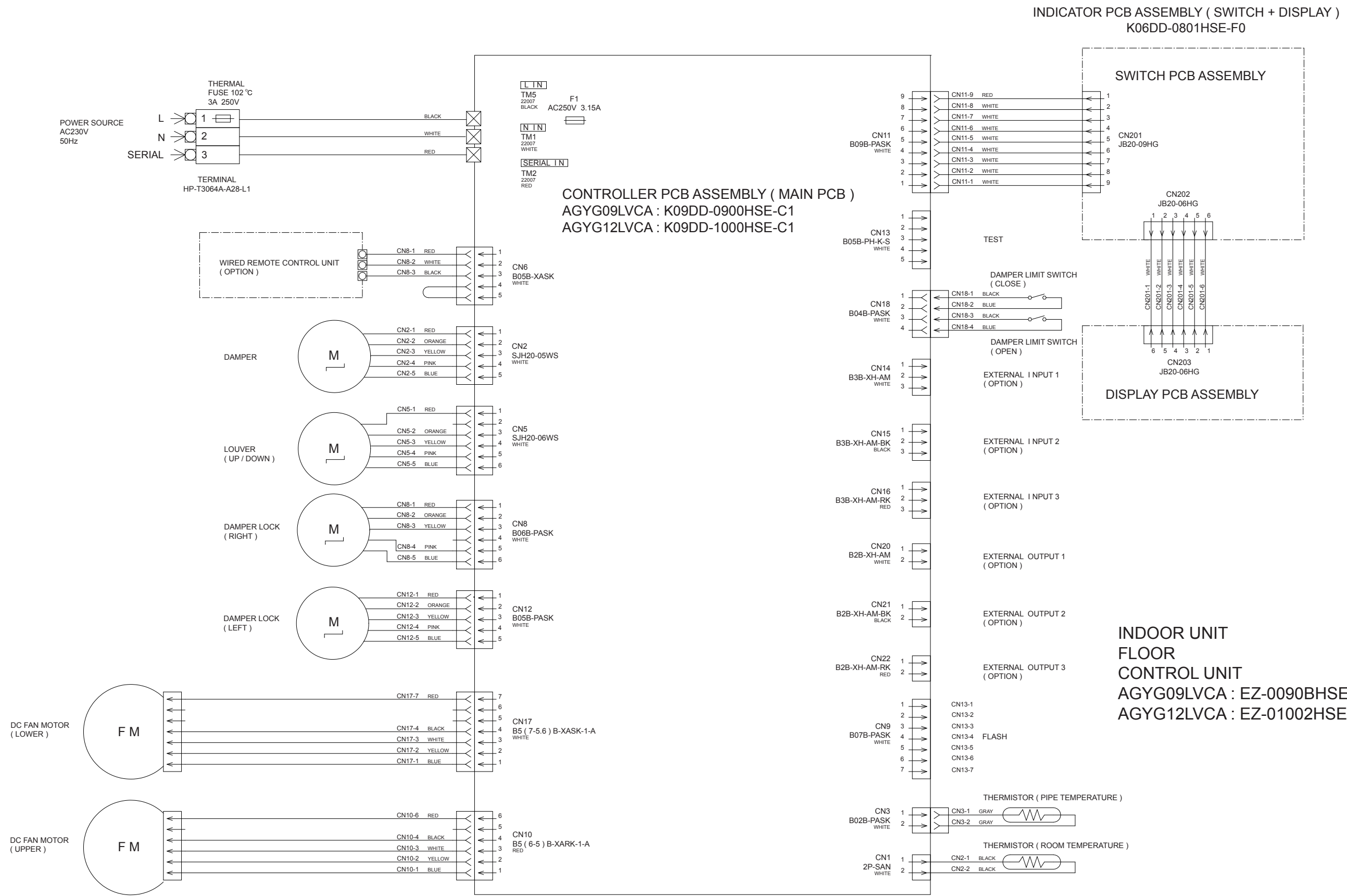




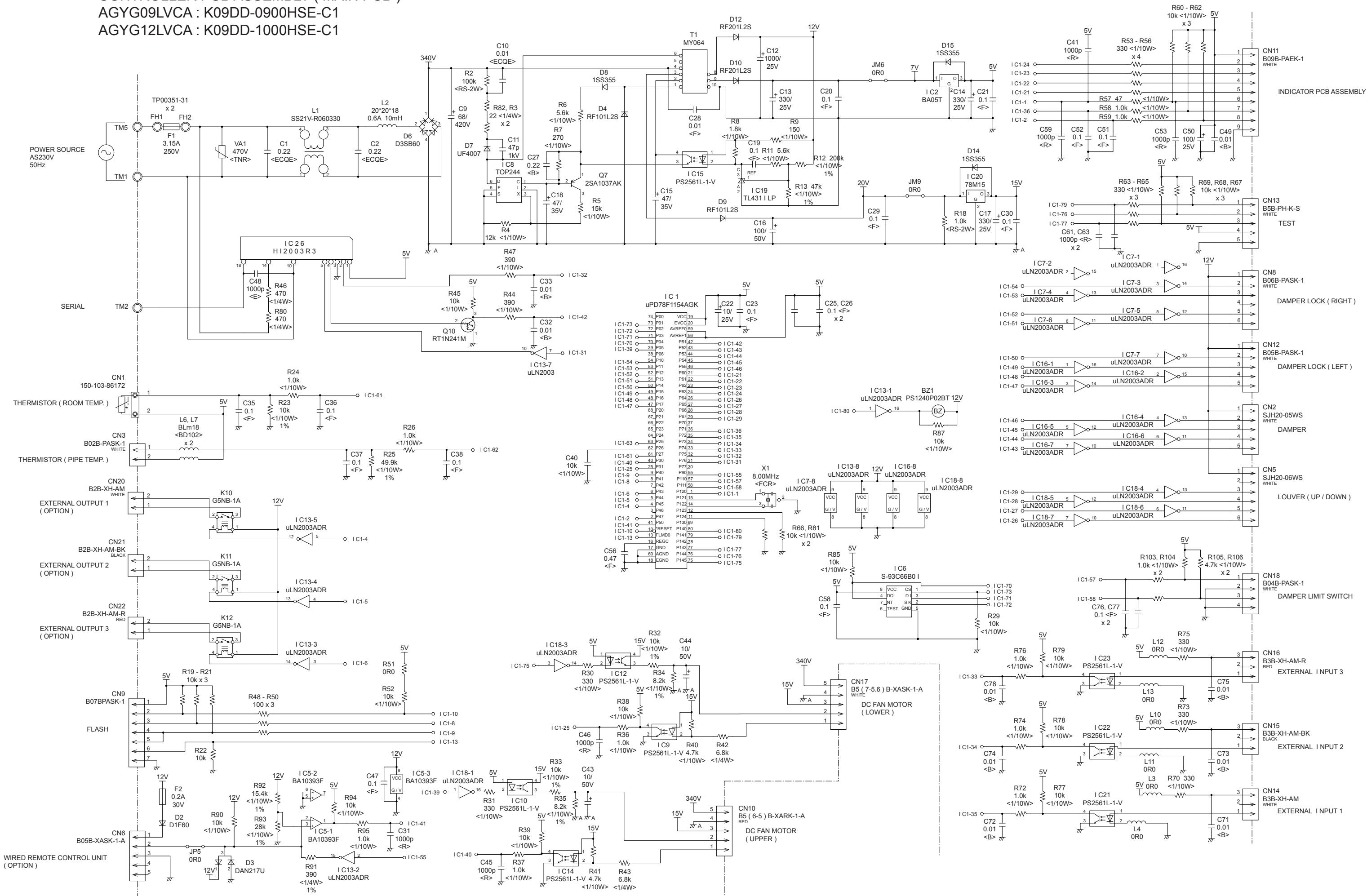
INDOOR UNIT
 COMPACT CASSETTE
 AUYG07LVLA
 AUYG09LVLA
 AUYG12LVLA

INDICATOR PCB ASSEMBLY (OPTION)
 K06AG-1000HSE-D0

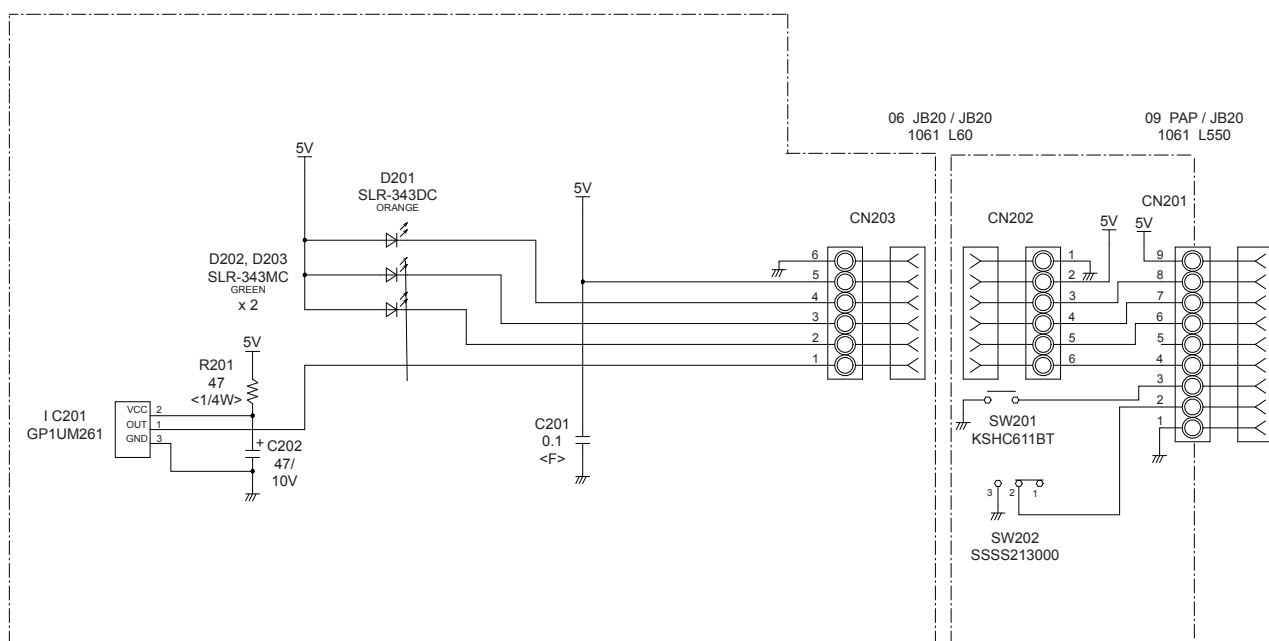




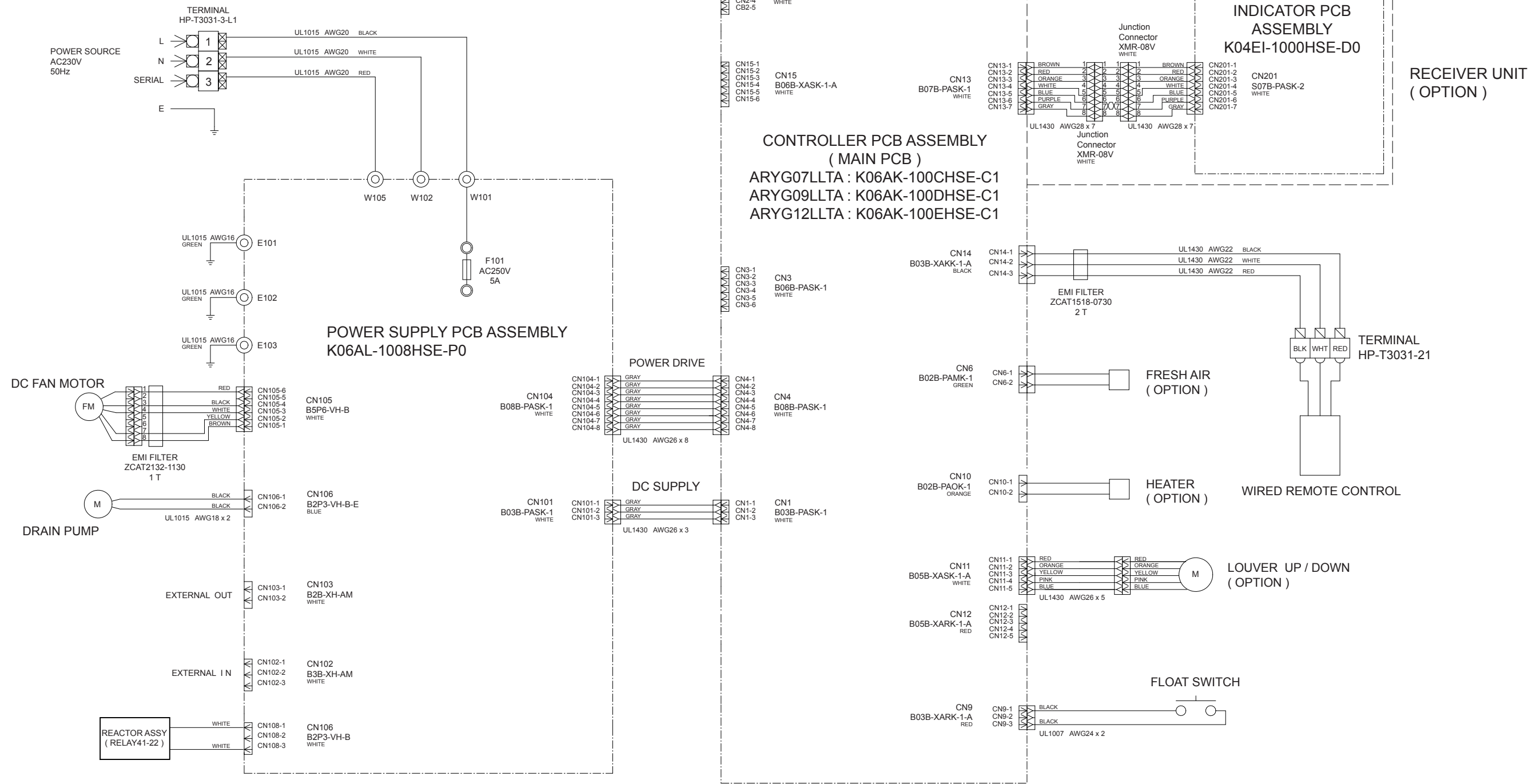
INDOOR UNIT
FLOOR
CONTROLLER PCB ASSEMBLY (MAIN PCB)
AGYG09LVCA : K09DD-0900HSE-C1
AGYG12LVCA : K09DD-1000HSE-C1

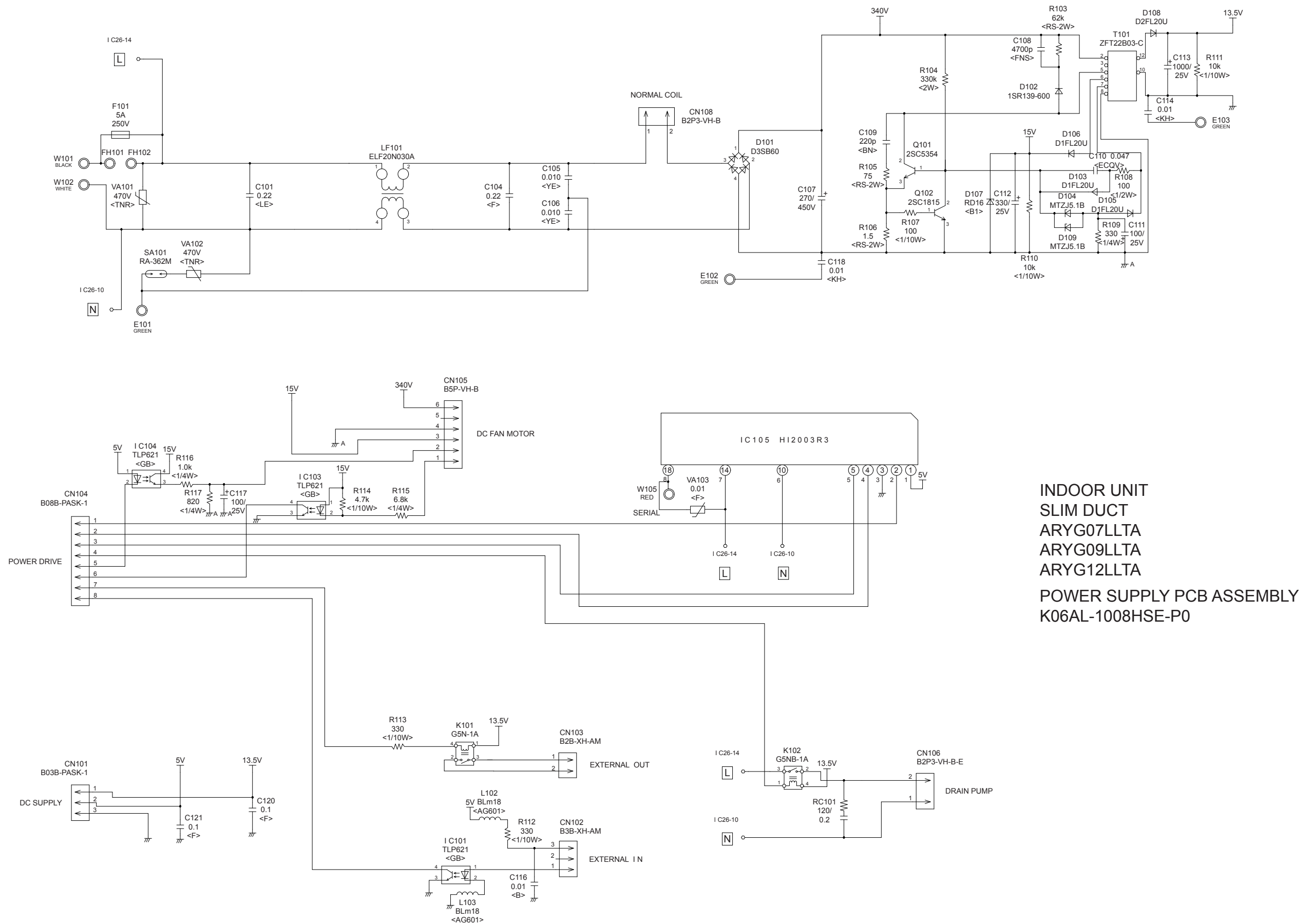


INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA
INDICATOR PCB ASSEMBLY
K06DD-0801HSE-F0



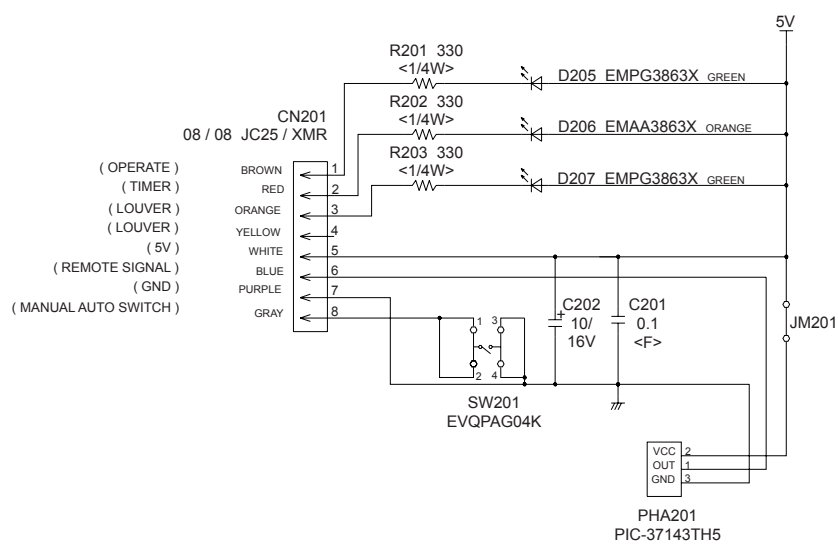
INDOOR UNIT
SLIM DUCT
CONTROL UNIT
ARYG07LLTA : EZ-01009HSE
ARYG09LLTA : EZ-0100AHSE
ARYG12LLTA : EZ-0100BHSE





INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA

INDICATOR PCB ASSEMBLY (OPTION)
K04EI-1000HSE-D0



- : 0.5s on / 0.5s off
- ◇ : 0.1s on / 0.1s off
- () : Number of flashing

ERROR DETECTION

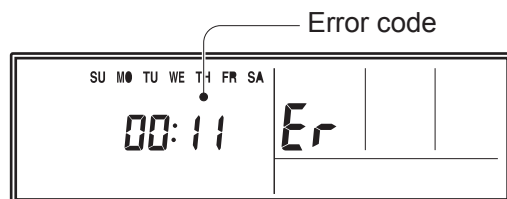
INDOOR UNIT and WIRED REMOTE CONTROL

If you use a wireless remote control, the lamp on the photo detector unit will output error codes by way of blinking patterns.

If you use a wired type remote control, error codes will appear on the remote control display. See the lamp blinking patterns and error codes in the table. An error display is displayed only during running.

This is possible only on a wired remote control.

If an error occurs, the following display will be shown. ("Er" will appear in the set room temperature display.)

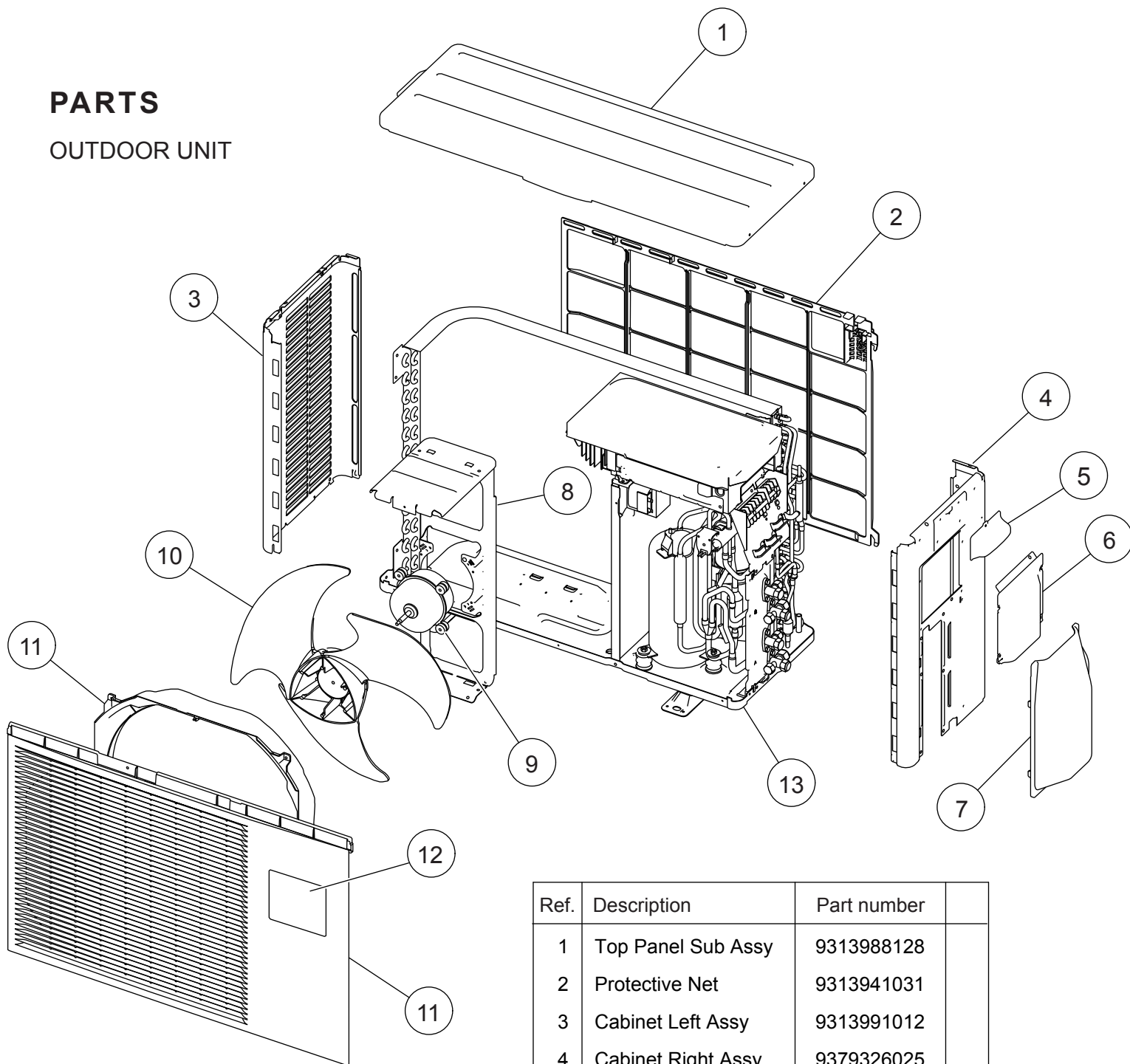


EX. Self-diagnosis

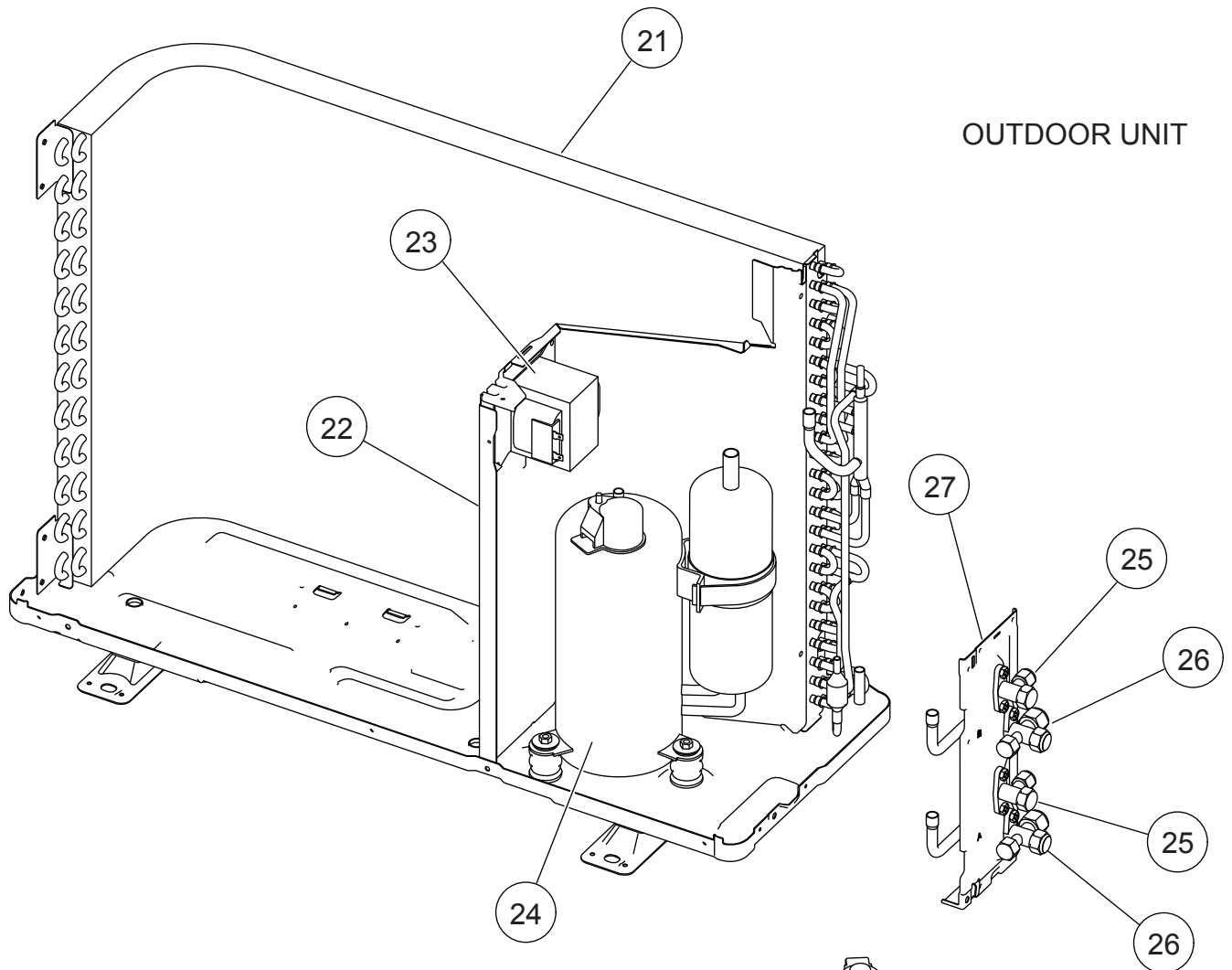
Indoor unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
●(1)	●(1)	◇	11	Serial communication error
●(1)	●(2)	◇	12	Wired remote control communication error
●(1)	●(5)	◇	15	Check run unfinished
●(2)	●(1)	◇	21	Unit number or Refrigerant circuit address setting error [Simultaneous Multi]
●(2)	●(2)	◇	22	Indoor unit capacity error
●(2)	●(3)	◇	23	Combination error
●(2)	●(4)	◇	24	• Connection unit number error (indoor slave unit) [Simultaneous Multi] • Connection unit number error (indoor unit or branch unit) [Flexible Multi]
●(2)	●(7)	◇	27	Master unit, slave unit set-up error [Simultaneous Multi]
●(3)	●(2)	◇	32	Indoor unit PCB model information error
●(3)	●(5)	◇	35	Manual auto switch error
●(4)	●(1)	◇	41	Inlet air temp. sensor error
●(4)	●(2)	◇	42	Indoor unit Heat Ex. Middle temp. sensor error
●(5)	●(1)	◇	51	Indoor unit fan motor error
●(5)	●(3)	◇	53	Drain pump error
●(5)	●(7)	◇	57	Damper error
●(5)	●(15)	◇	5U	Indoor unit error
●(6)	●(2)	◇	62	Outdoor unit main PCB model information error or communication error
●(6)	●(3)	◇	63	Inverter error
●(6)	●(4)	◇	64	Active filter error, PFC circuit error
●(6)	●(5)	◇	65	Trip terminal L error
●(6)	●(10)	◇	6A	Display PCB microcomputers communication error
●(7)	●(1)	◇	71	Discharge temp. sensor error
●(7)	●(2)	◇	72	Compressor temp. sensor error
●(7)	●(3)	◇	73	Outdoor unit Heat Ex. liquid temp. sensor error
●(7)	●(4)	◇	74	Outdoor temp. sensor error
●(7)	●(5)	◇	75	Suction Gas temp. sensor error
●(7)	●(6)	◇	76	• 2-way valve temp. sensor error • 3-way valve temp. sensor error
●(7)	●(7)	◇	77	Heat sink temp. sensor error
●(8)	●(2)	◇	82	• Sub-cool Heat Ex. gas inlet temp. sensor error • Sub-cool Heat Ex. gas outlet temp. sensor error
●(8)	●(3)	◇	83	Liquid pipe temp. sensor error
●(8)	●(4)	◇	84	Current sensor error
●(8)	●(6)	◇	86	• Discharge pressure sensor error • Suction pressure sensor error • High pressure switch error
●(9)	●(4)	◇	94	Trip detection
●(9)	●(5)	◇	95	Compressor rotor position detection error (permanent stop)
●(9)	●(7)	◇	97	Outdoor unit fan motor error
●(9)	●(9)	◇	99	4-way valve error
●(10)	●(1)	◇	A1	Discharge temp. error
●(10)	●(3)	◇	A3	Compressor temp. error
●(10)	●(4)	◇	A4	High pressure error
●(10)	●(5)	◇	A5	Low pressure error
●(13)	●(2)	◇	J2	Branch boxes error [Flexible Multi]

PARTS

OUTDOOR UNIT

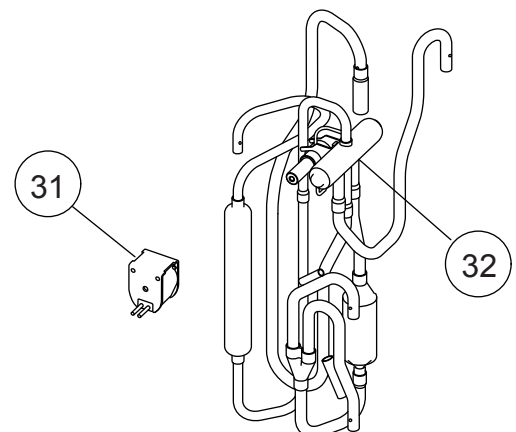
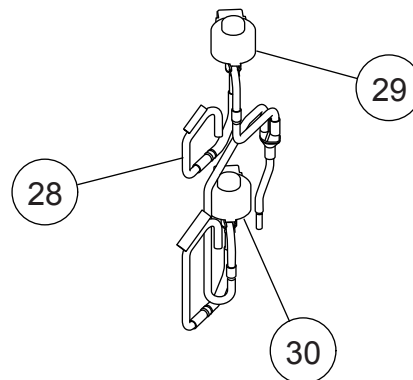


Ref.	Description	Part number	
1	Top Panel Sub Assy	9313988128	
2	Protective Net	9313941031	
3	Cabinet Left Assy	9313991012	
4	Cabinet Right Assy	9379326025	
5	Grip	9317588003	
6	Switch Cover A Assy	9379320016	
7	Switch Cover B	9379206013	
8	Motor Bracket Assy	9313990053	
9	Fan Motor	9602864003	
10	Propeller Fan	9313808013	
11	Front Panel Assy	9313972028	
12	Emblem Rear	9319151007	
13	Base Assy	9316885004	
--	Drain Assy	9303029022	

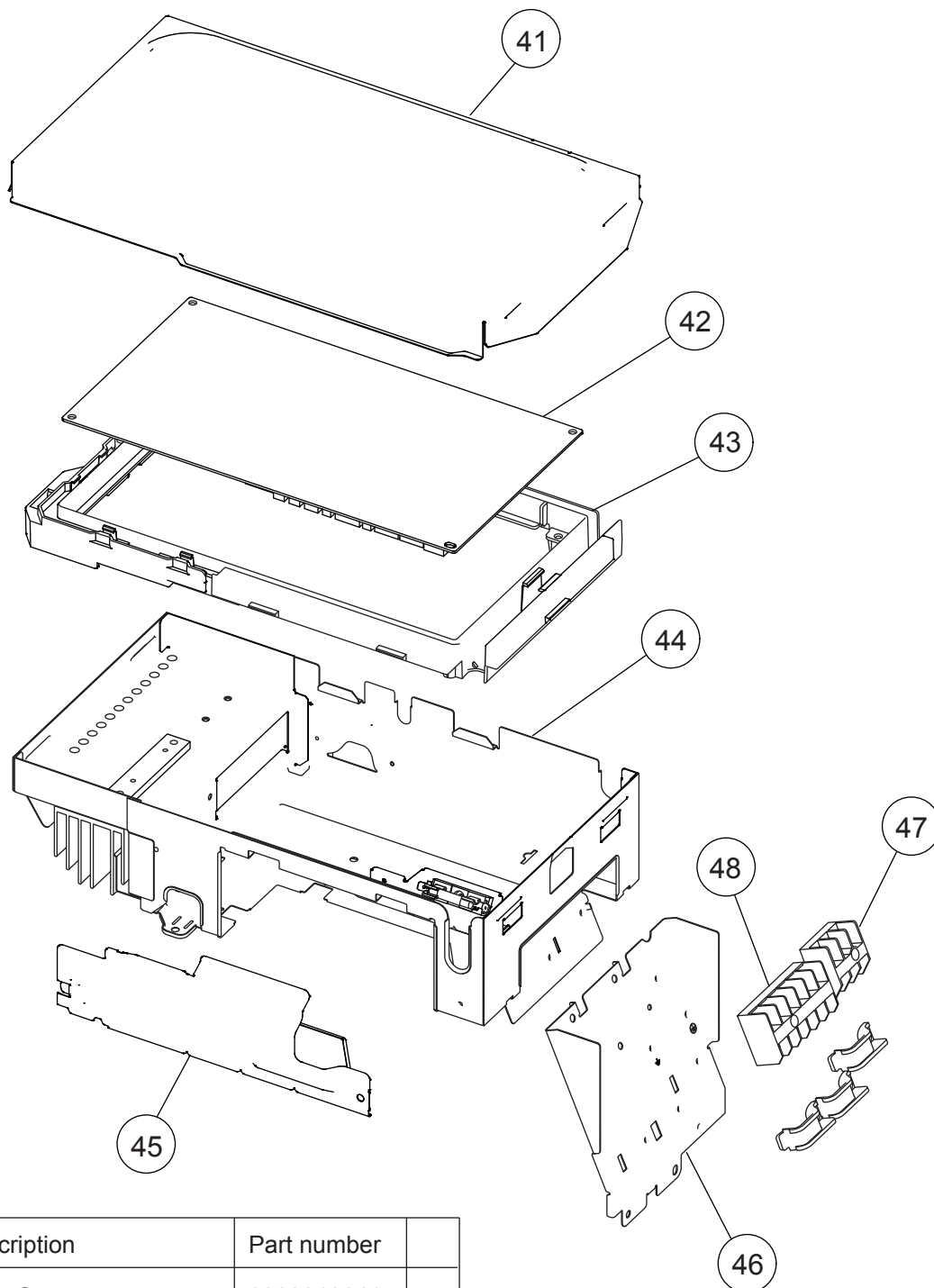


OUTDOOR UNIT

Ref.	Description	Part number
21	Condenser Total Assy	9314107061
22	Separator Assy (14)	9379344012
22	Separator Assy (18)	9317781015
23	Reactor Assy (14)	9900611019
23	Reactor Assy (18)	9900354022
24	Compressor Assy (14)	9379315012
24	Compressor Assy (18)	9379679008
25	2-way Valve Assy	9317171038
26	3-way Valve Assy	9317174053
27	Valve Bracket	9379194013
28	Expansion Valve Assy	9379334013
29	Expansion Valve Coil (L=650)	9970095016
30	Expansion Valve Coil (L=850)	9970096044
31	Solenoid	9970033032
32	4-way Valve Assy (14)	9379298018
32	4-way Valve Assy (18)	9379298025



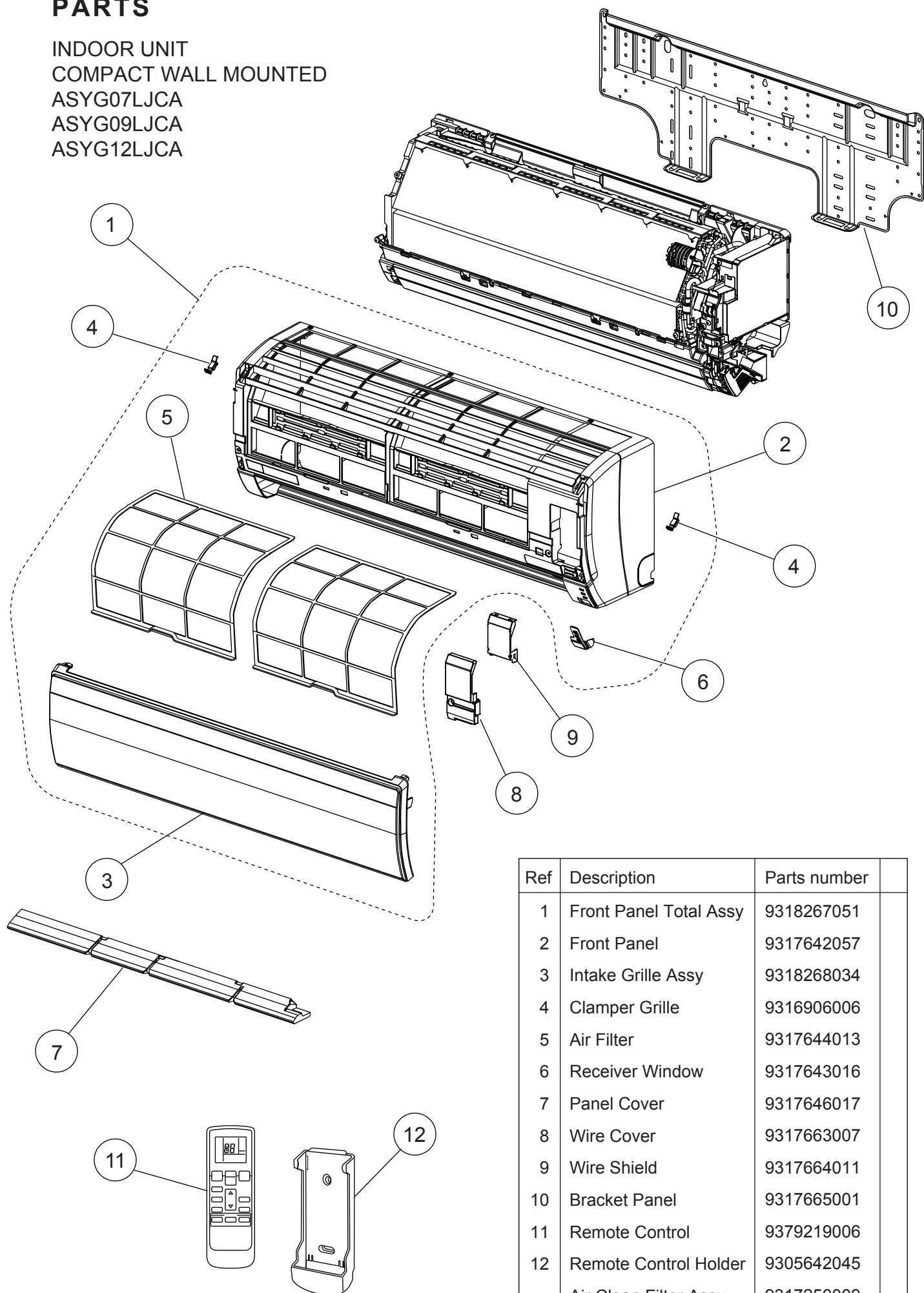
OUTDOOR UNIT



Ref.	Description	Part number	
41	Case Cover	9309913011	
42	Inverter PCB Assy (14)	9708080048	
42	Inverter PCB Assy (18)	9708080055	
43	PCB Holder	9313074029	
44	Inverter Case Assy	9379673013	
45	Inverter Case Cover	9379252010	
46	Terminal Bracket Assy	9379324021	
47	Terminal 3P	9306489175	
48	Terminal 6P	9900016050	
--	Valve Thermistor Assy	9900535001	
--	Pipe Thermistor Assy	9900536008	
--	Outdoor Thermistor	9900544003	
--	Heatsink Thermistor	9900518035	
--	Compressor Thermistor (18)	9900516017	

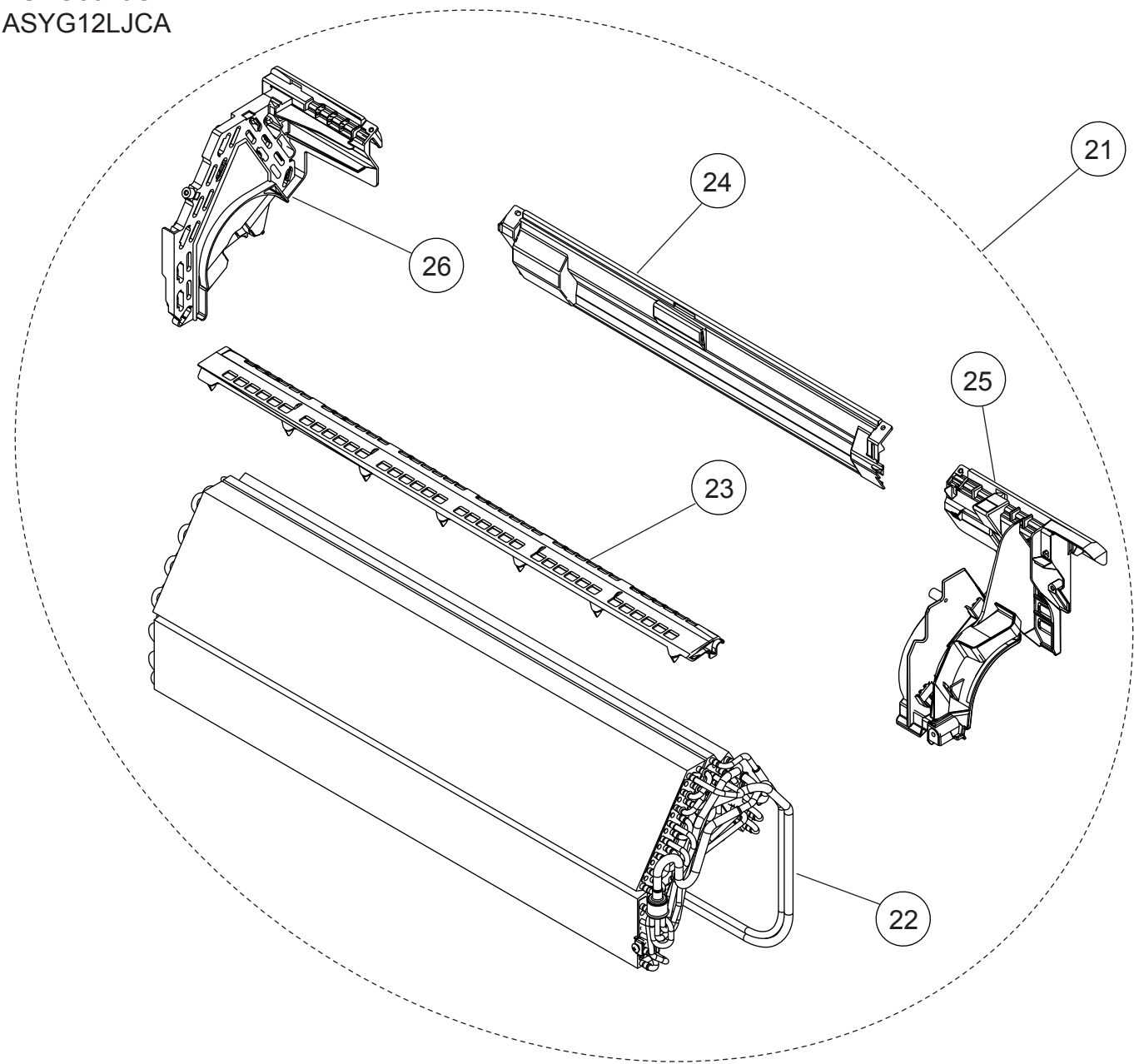
PARTS

INDOOR UNIT
COMPACT WALL MOUNTED
ASYG07LJCA
ASYG09LJCA
ASYG12LJCA

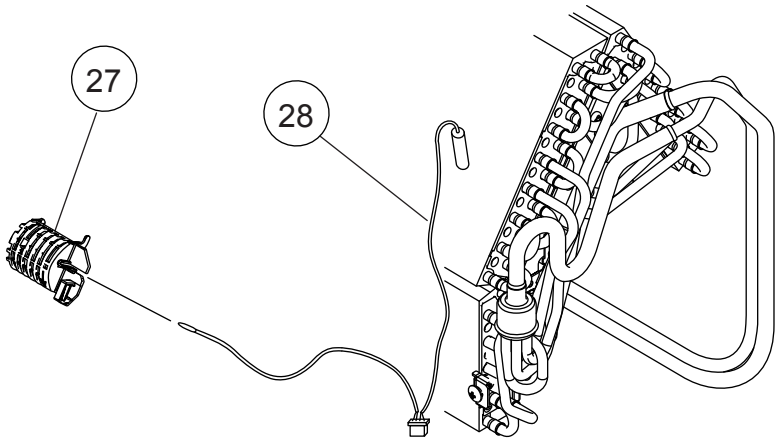


Ref	Description	Parts number
1	Front Panel Total Assy	9318267051
2	Front Panel	9317642057
3	Intake Grille Assy	9318268034
4	Clamper Grille	9316906006
5	Air Filter	9317644013
6	Receiver Window	9317643016
7	Panel Cover	9317646017
8	Wire Cover	9317663007
9	Wire Shield	9317664011
10	Bracket Panel	9317665001
11	Remote Control	9379219006
12	Remote Control Holder	9305642045
--	Air Clean Filter Assy	9317250009

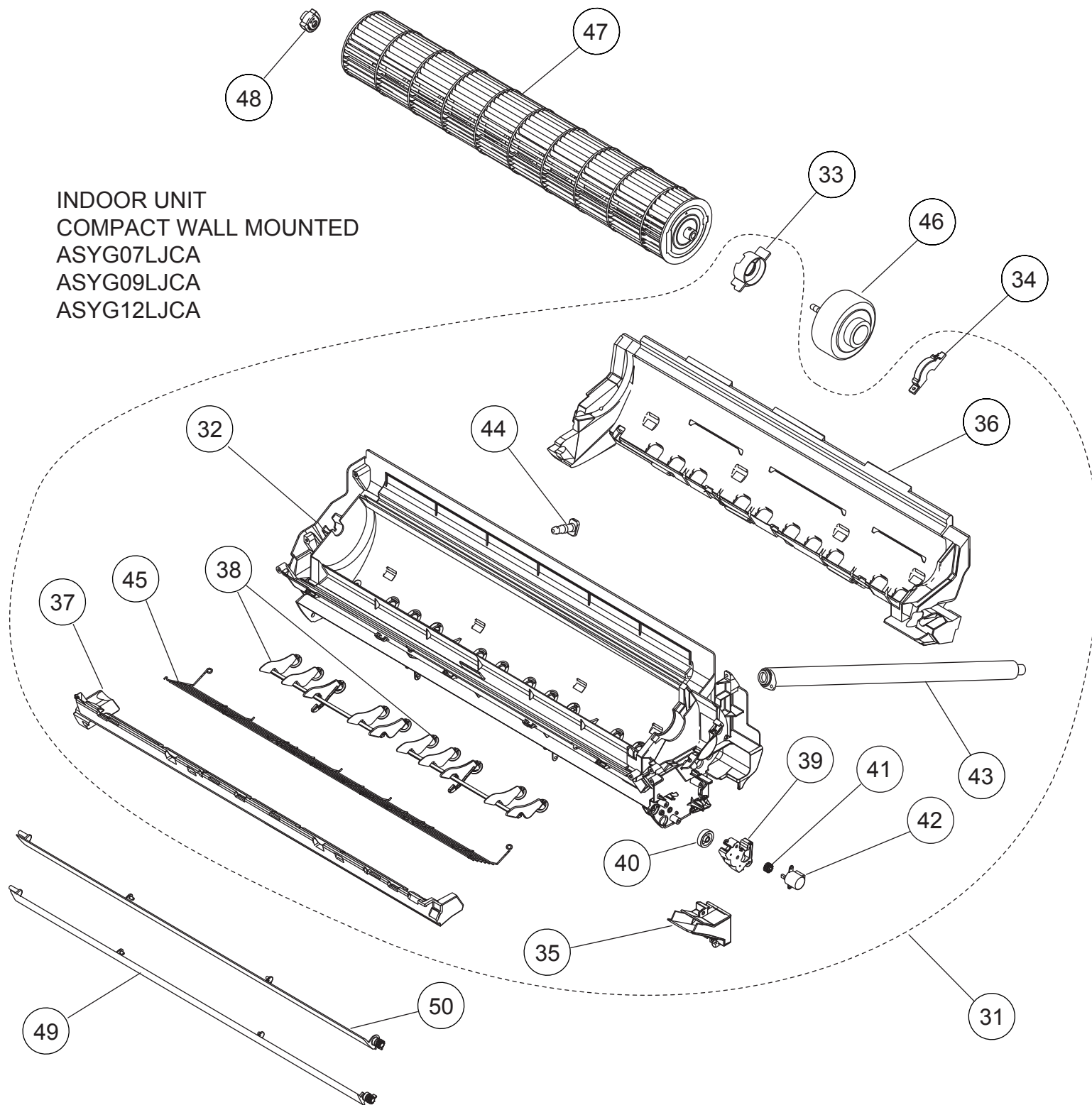
INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LJCA
 ASYG09LJCA
 ASYG12LJCA



Ref	Description	Parts number	
21	Evaporator Total Assy	9317820011	
22	Joint Pipe Assy	9317838009	
23	Filter Guide	9317652001	
24	Rear Bracket	9317651004	
25	Evaporator Holder R	9317650007	
26	Evaporator Holder L	9317649001	
27	Holder (Room Thermistor)	9316895003	
28	Thermistor Assy	9900563004	

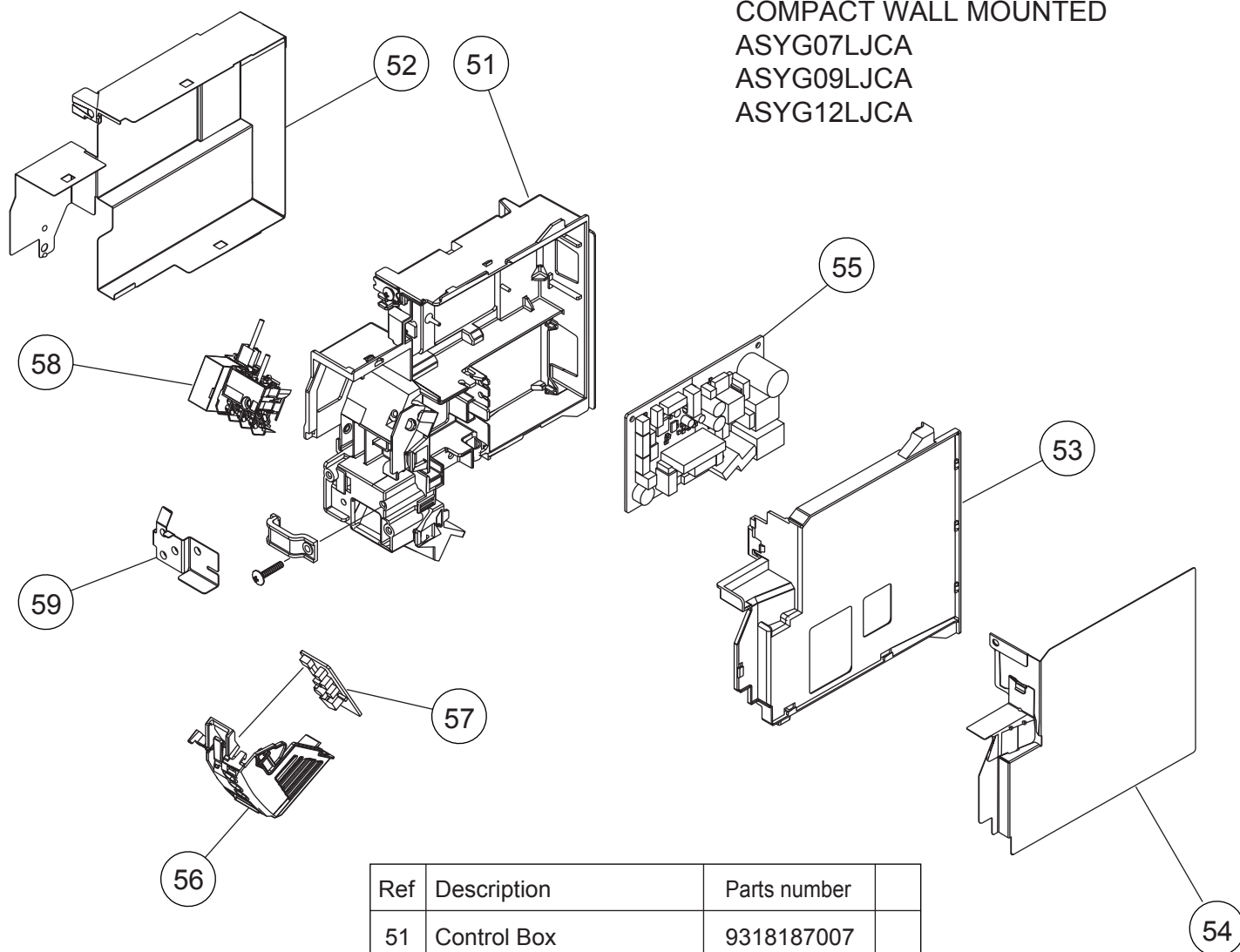


INDOOR UNIT
COMPACT WALL MOUNTED
ASYG07LJCA
ASYG09LJCA
ASYG12LJCA



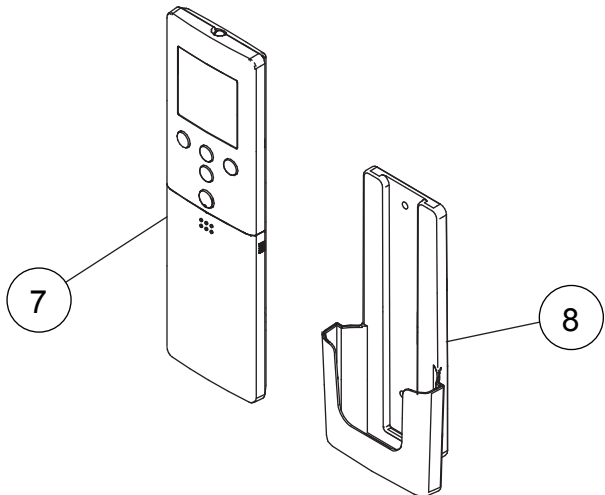
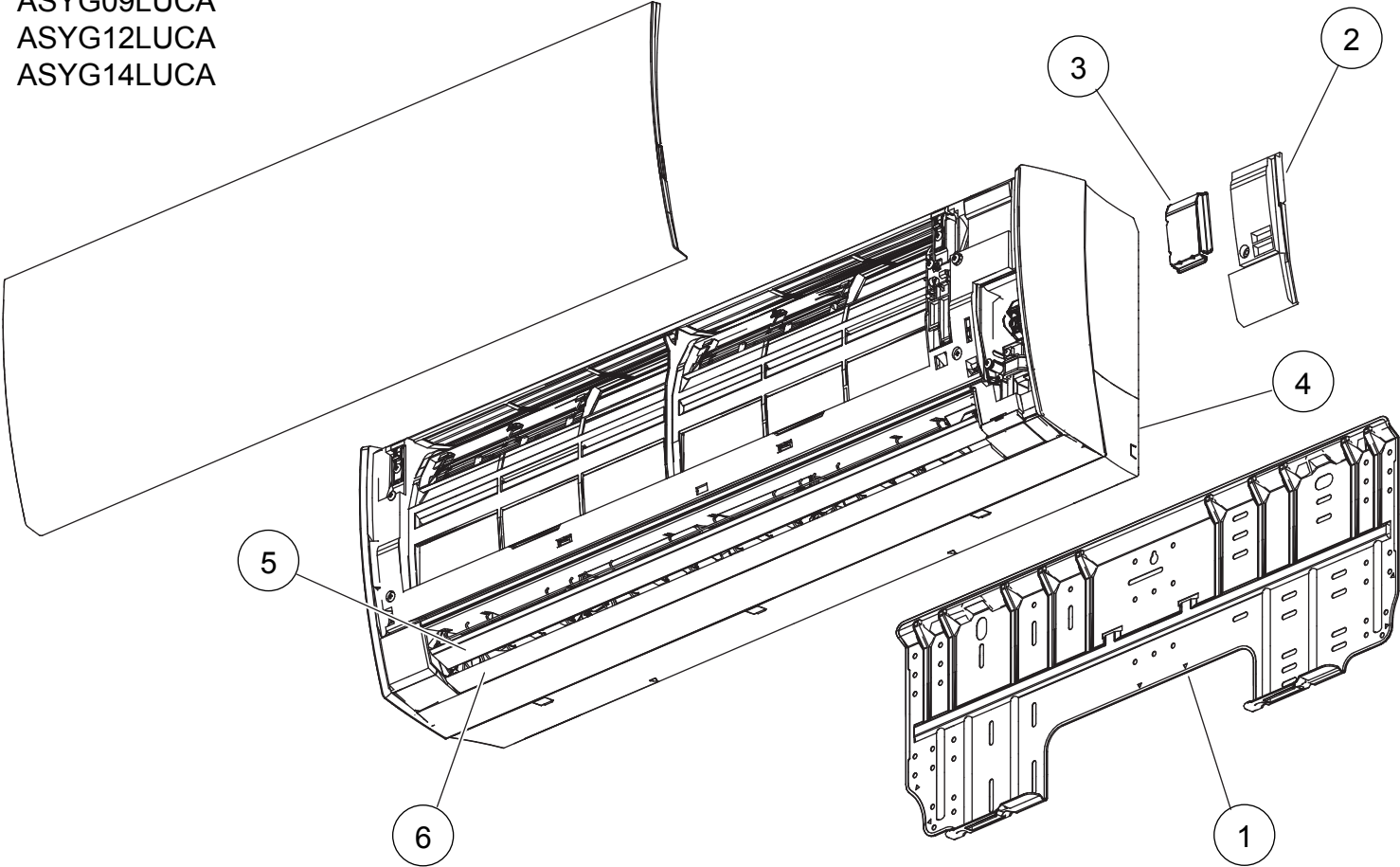
Ref	Description	Parts number	Ref	Description	Parts number
31	Casing Assy	9318264050	41	Gear A	9309994003
32	Casing	9317647014	42	Motor Step	9900384128
33	Motor Cover	9316568006	43	Drain Hose Assy	9316904002
34	Motor Cover	9316601000	44	Drain Cap	9316177017
35	Cable Guide	9316567009	45	Fan Guard	9332277005
36	Casing Cover B	9317653015	46	Fan Motor	9602704002
37	Casing Cover F	9317654005	47	Crossflow Fan Assy	9316830004
38	R AND L Louver B	9316961012	48	Bearing C Assy	9306628017
39	Louver Gear Holder	9317669016	49	Louver U	9317656016
40	Louver Gear	9317648004	50	Louver Z	9317657006

INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LJCA
 ASYG09LJCA
 ASYG12LJCA



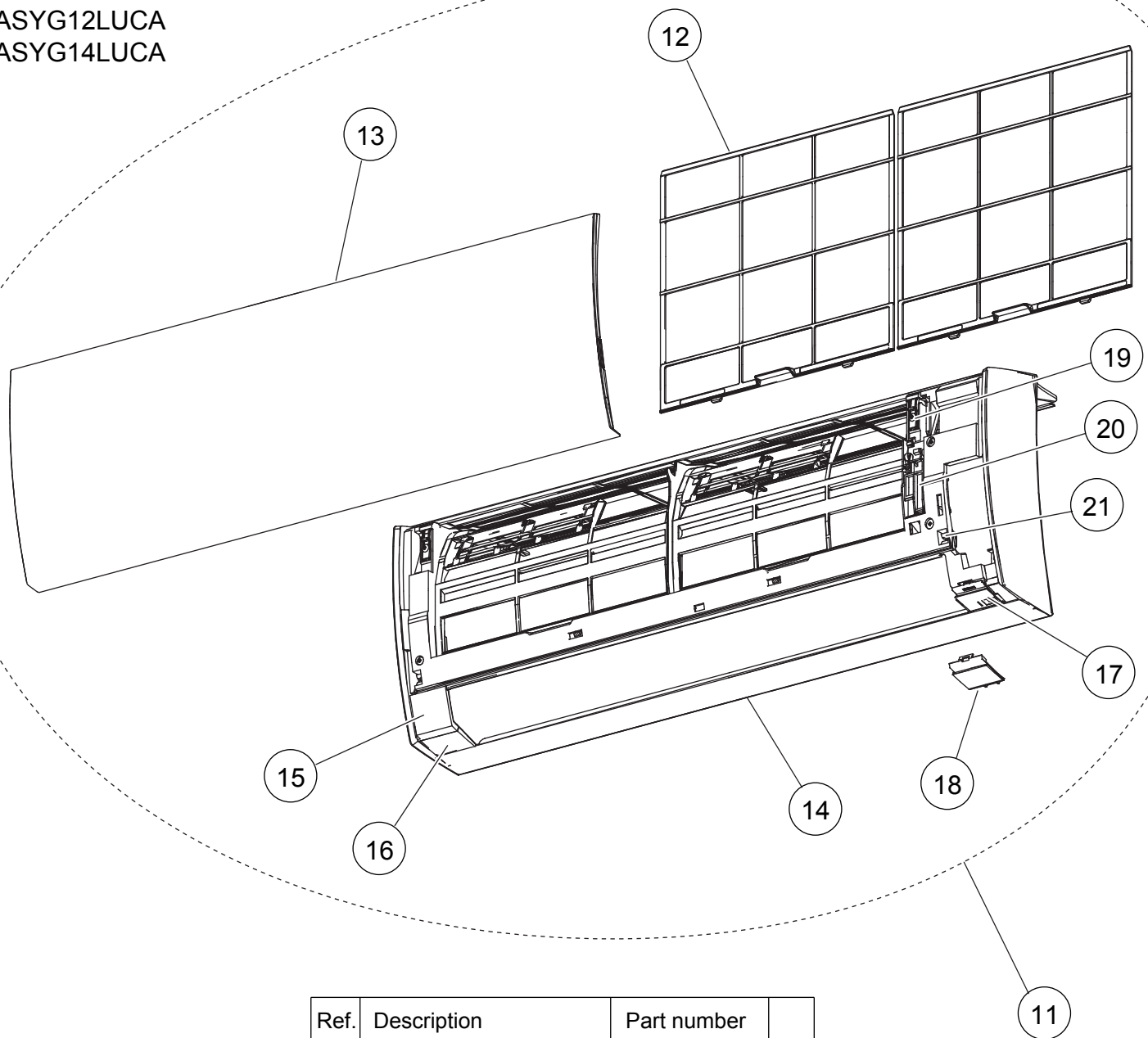
Ref	Description	Parts number	
51	Control Box	9318187007	
52	Box Shield	9317575010	
53	Control Cover	9317659017	
54	Cover Shield	9317923002	
55	Controller PCB Assy (07)	9708536224	
55	Controller PCB Assy (09)	9708536231	
55	Controller PCB Assy (12)	9708536248	
56	Display Case	9317662000	
57	Display PCB Assy	9707649024	
58	Terminal	9900638009	
59	Earth Terminal	9316586000	

INDOOR UNIT
COMPACT WALL MOUNTED
ASYG07LUCA
ASYG09LUCA
ASYG12LUCA
ASYG14LUCA



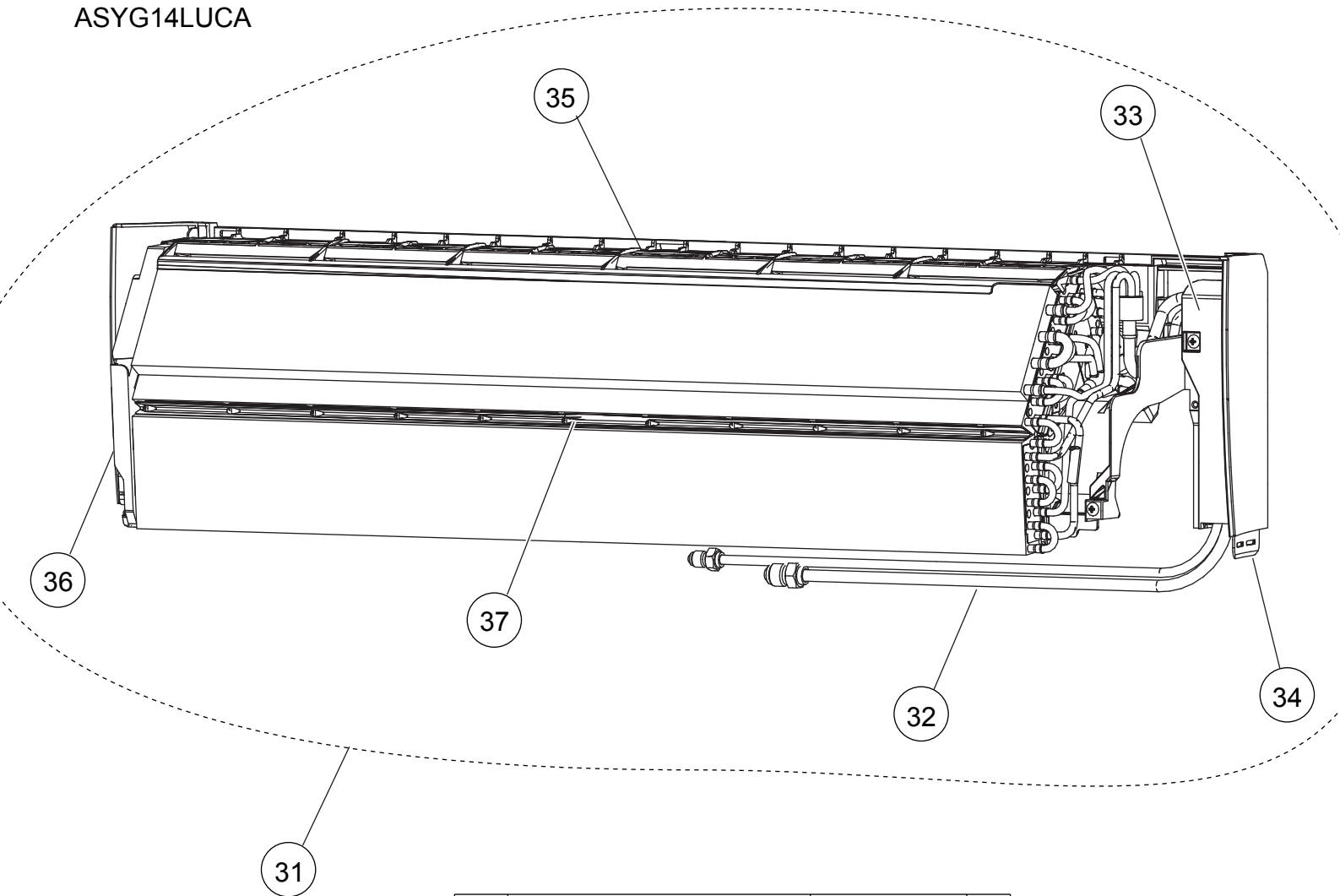
Ref.	Description	Part number	
1	Bracket Panel	9318913002	
2	Wire Cover	9318911008	
3	Wire Shield	9318919004	
4	Under Cover	9318879001	
5	Louver U	9318880007	
6	Louver Z	9318881004	
7	Remote Control	9319207018	
8	Remote Control Holder	9318912005	
--	Air Clean Filter Assy	9317250009	

INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA

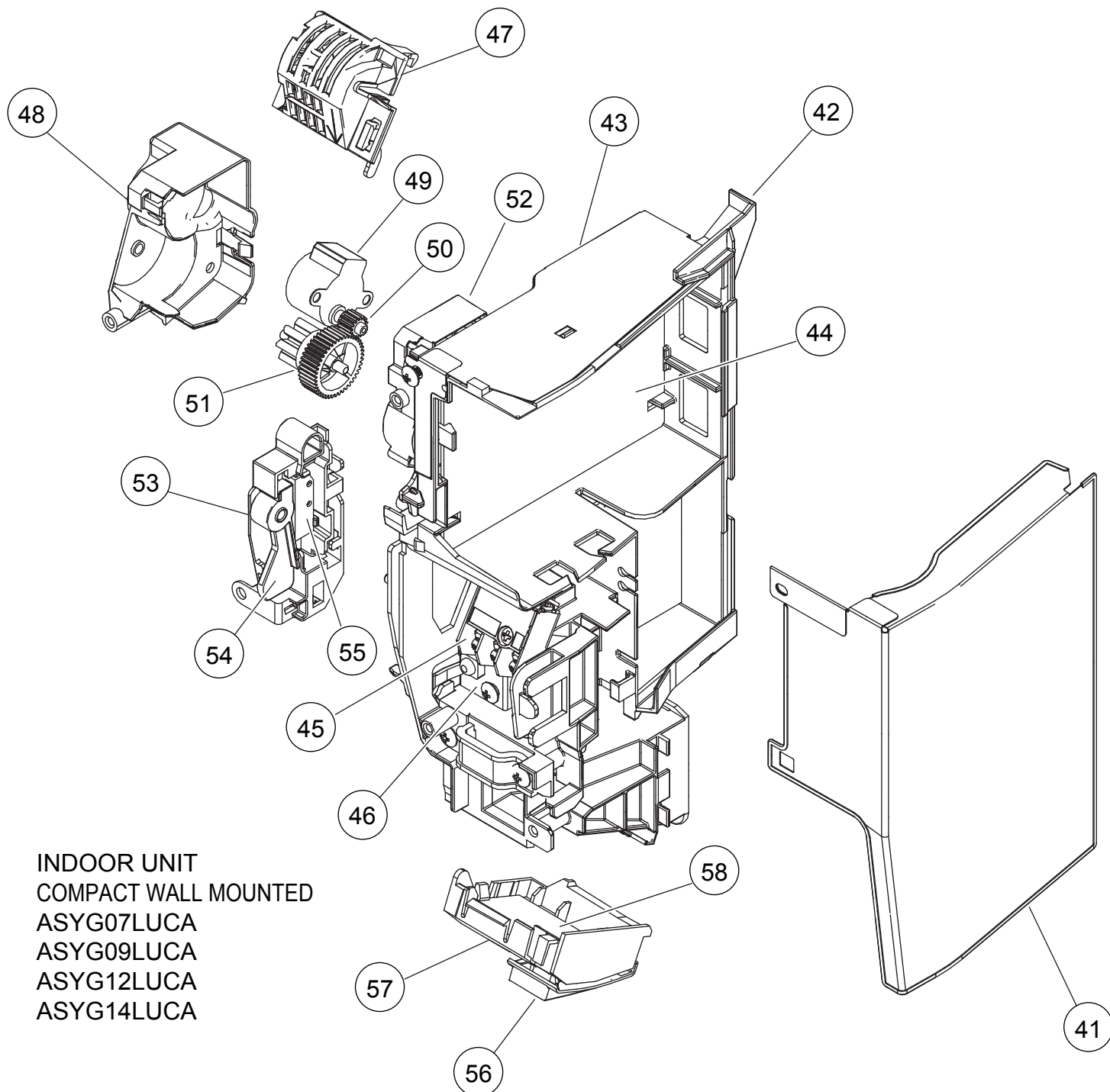


Ref.	Description	Part number	
11	Front Panel Total Assy	9319348001	
12	Air Filter	9318883008	
13	Intake Grille Assy	9319351155	
14	Front Panel	9318876000	
15	Front Panel Cover U	9318910001	
16	Display Plate Holder L	9318894004	
17	Display Plate Holder R	9318895001	
18	Display Plate R	9318893007	
19	Arm Cover	9318900002	
20	Grille Stay	9318899009	
21	Grille Clamper B	9316951006	

INDOOR UNIT
COMPACT WALL MOUNTED
ASYG07LUCA
ASYG09LUCA
ASYG12LUCA
ASYG14LUCA



Ref.	Description	Part number	
31	Evaporator Total Assy (07, 09, 12)	9319327006	
31	Evaporator Total Assy (14)	9319327013	
32	Joint Pipe Assy (07, 09,12)	9319322001	
32	Joint Pipe Assy (14)	9319322018	
33	Joint Pipe Holder	9318901009	
34	Base	9318874006	
35	Filter Guide	9318887006	
36	Evaporator Holder L	9318875003	
37	Air Seal	9319295008	

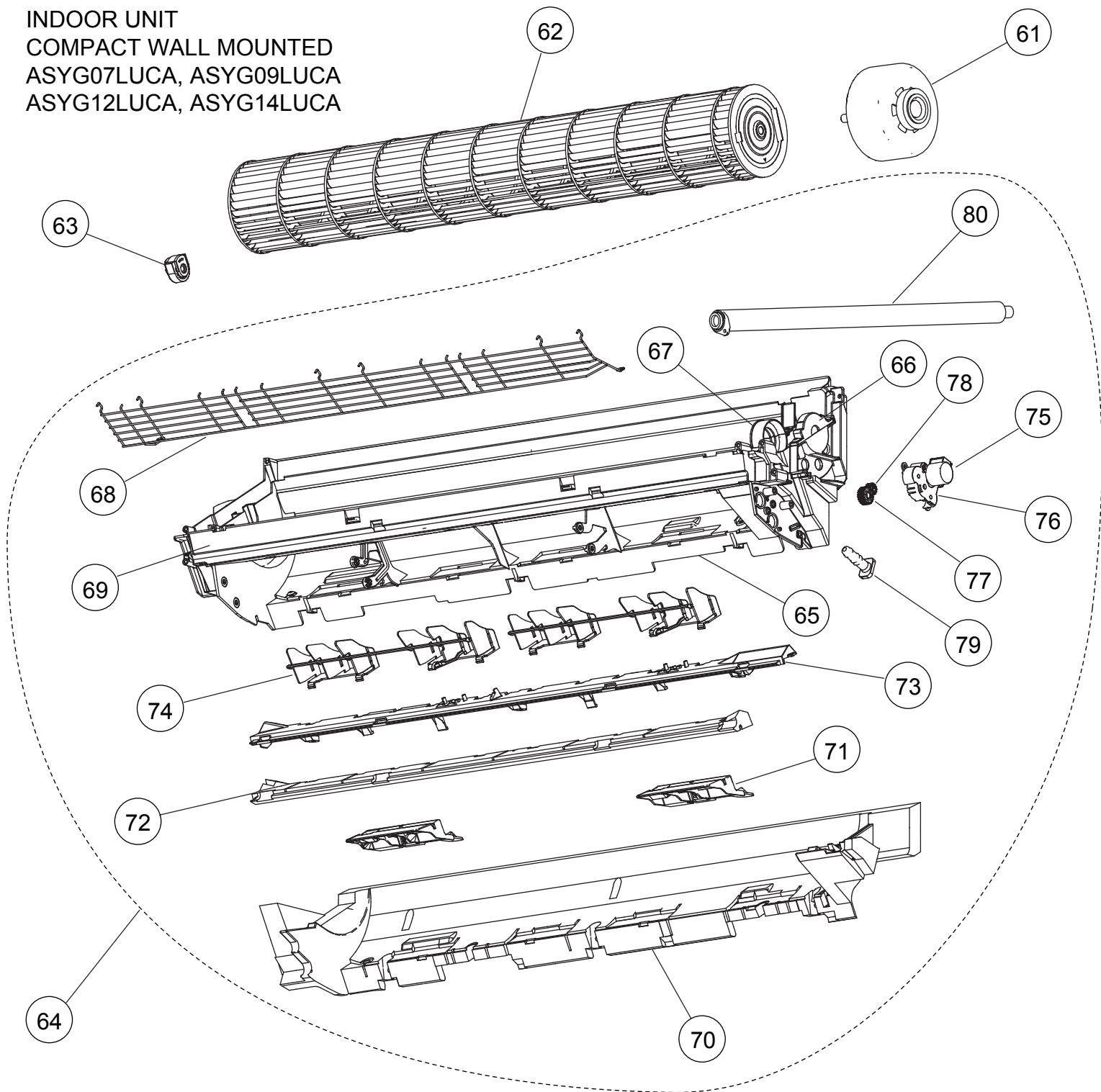


INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA
 ASYG09LUCA
 ASYG12LUCA
 ASYG14LUCA

Ref.	Description	Part number	
41	Cover Shield A	9318916003	
42	Control Box	9318882001	
43	Box Shield Assy	9319344003	
44	Controller PCB Assy (07)	9708713014	
44	Controller PCB Assy (09)	9708713021	
44	Controller PCB Assy (12)	9708713038	
44	Controller PCB Assy (14)	9708713045	
45	Terminal	9900638009	
46	Earth Terminal	9318918007	
47	Room Thermistor Holder	9319068008	
48	Gear Cover	9318902006	

Ref.	Description	Part number	
49	Step Motor	9900384166	
50	Gear B	9319294001	
51	Panel Gear	9319293004	
52	Gear Case	9318903003	
53	Switch Case	9319332000	
54	Grille Key Top	9319334004	
55	Micro Switch	9900625009	
56	Receiver Window	9318891003	
57	Display Case	9318906004	
58	Display PCB Assy	9708824017	
--	Thermistor Assy	9900627003	

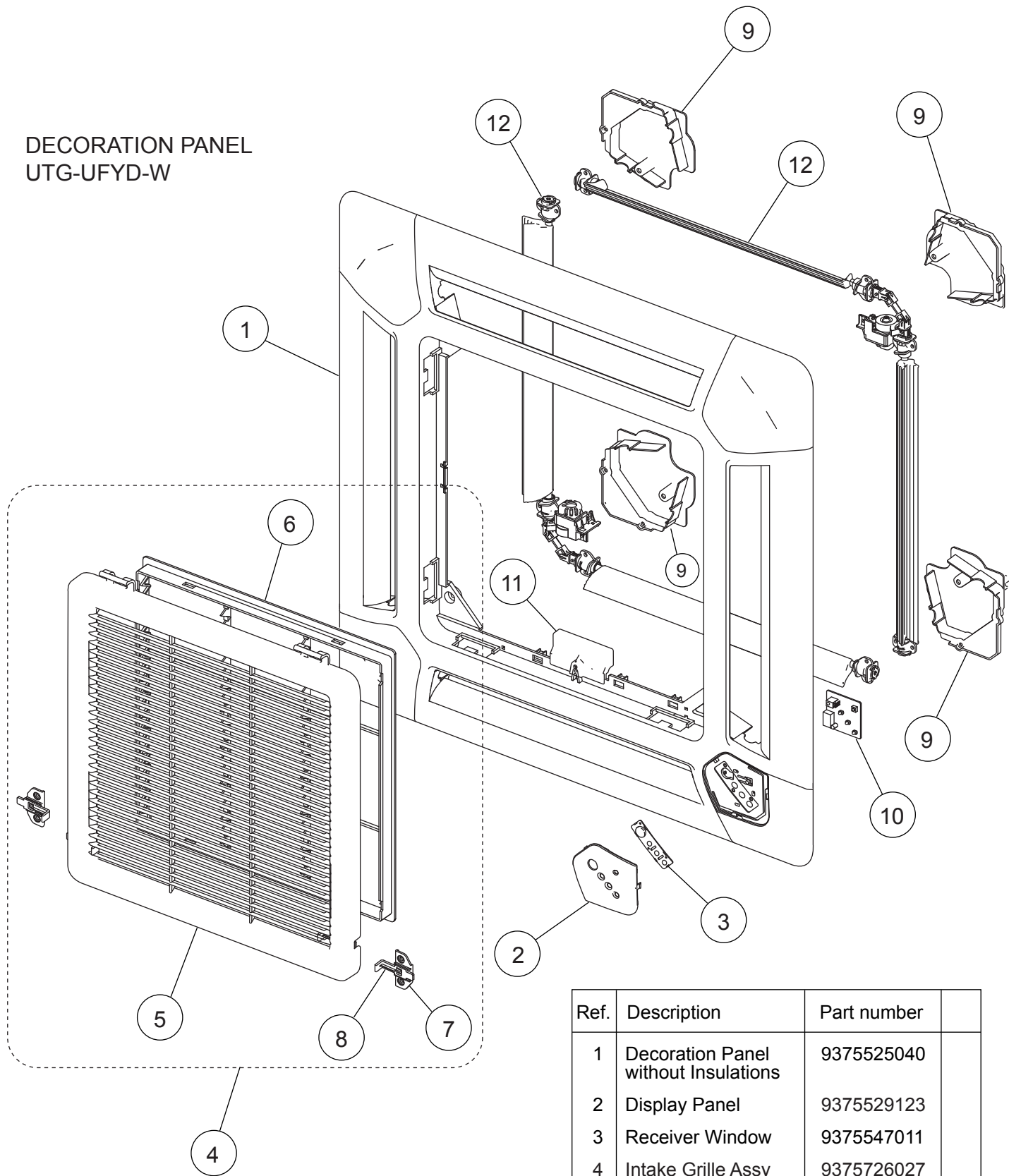
INDOOR UNIT
 COMPACT WALL MOUNTED
 ASYG07LUCA, ASYG09LUCA
 ASYG12LUCA, ASYG14LUCA



Ref.	Description	Part number
61	Fan Motor	9602947003
62	Crossflow Fan Assy	9319361000
63	Bearing C Assy	9306628017
64	Casing Assy	9319342009
65	Casing	9318873009
66	Motor Cover	9316601000
67	Motor Cover	9318888003
68	Fan Guard	9318924008
69	Casing Cover F	9318923001
70	Casing Cover B	9318920000

Ref.	Description	Part number
71	Pipe Bracket	9318889000
72	Panel Cover	9319296005
73	Louver Holder	9318886009
74	R and L Louver	9318885002
75	Motor Step	9900384128
76	Louver Gear Holder	9318905007
77	Louver Gear	9318904000
78	Gear A	9309994003
79	Drain Cap	9316177017
80	Drain Hose Assy	9316904002

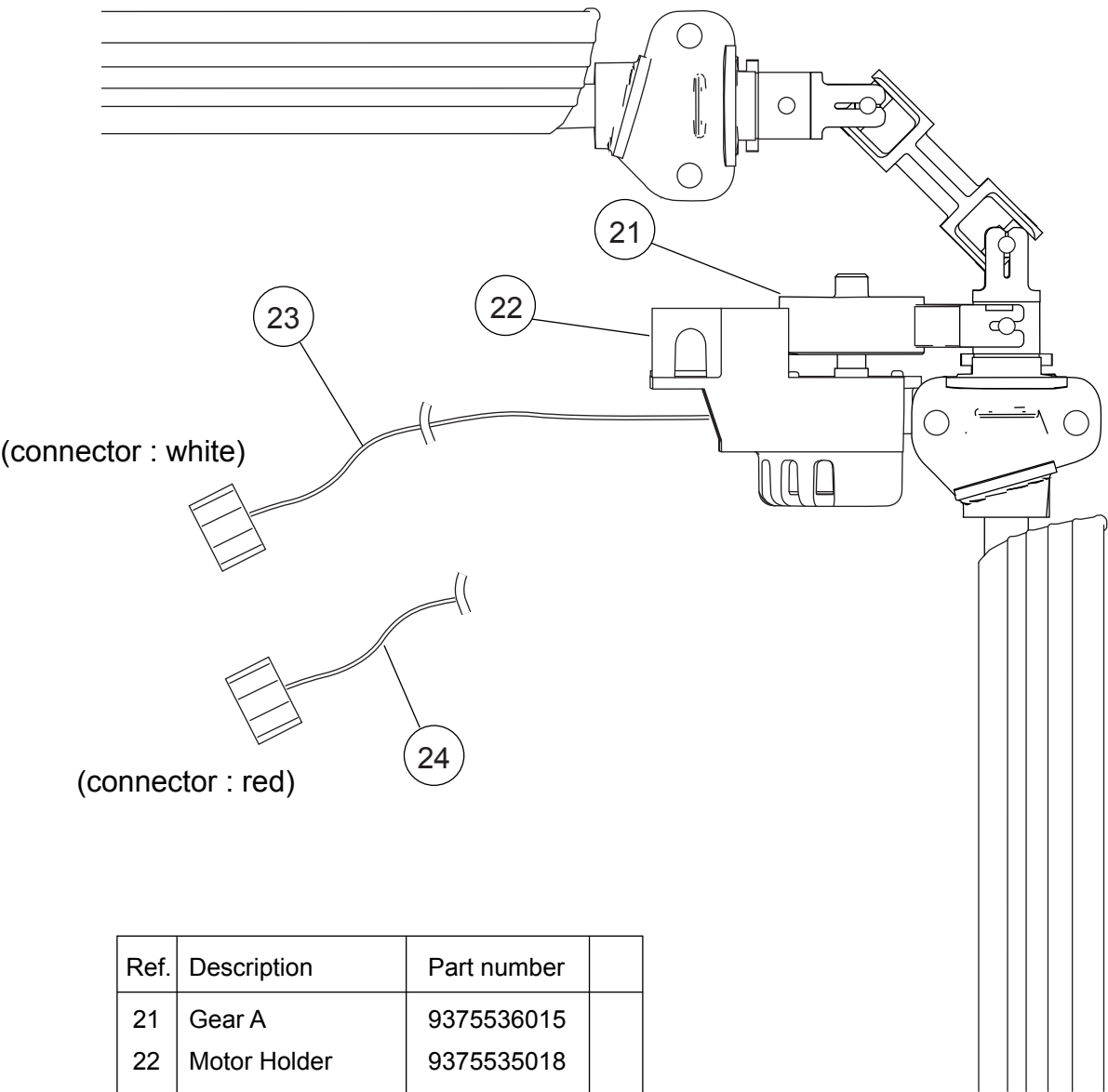
DECORATION PANEL
UTG-UFYD-W



Ref.	Description	Part number	
1	Decoration Panel without Insulations	9375525040	
2	Display Panel	9375529123	
3	Receiver Window	9375547011	
4	Intake Grille Assy	9375726027	
5	Intake Grille	9375531027	
6	Long Life Filter	9375533014	
7	Hook Bracket	9375546014	
8	Grille Hook	9375532024	
9	Panel Cover without Insulations	9375530013	
10	Indicator PCB Assy	9707371031	
11	Connector Cover	9375549015	
12	Flap Total Assy	9377760029	

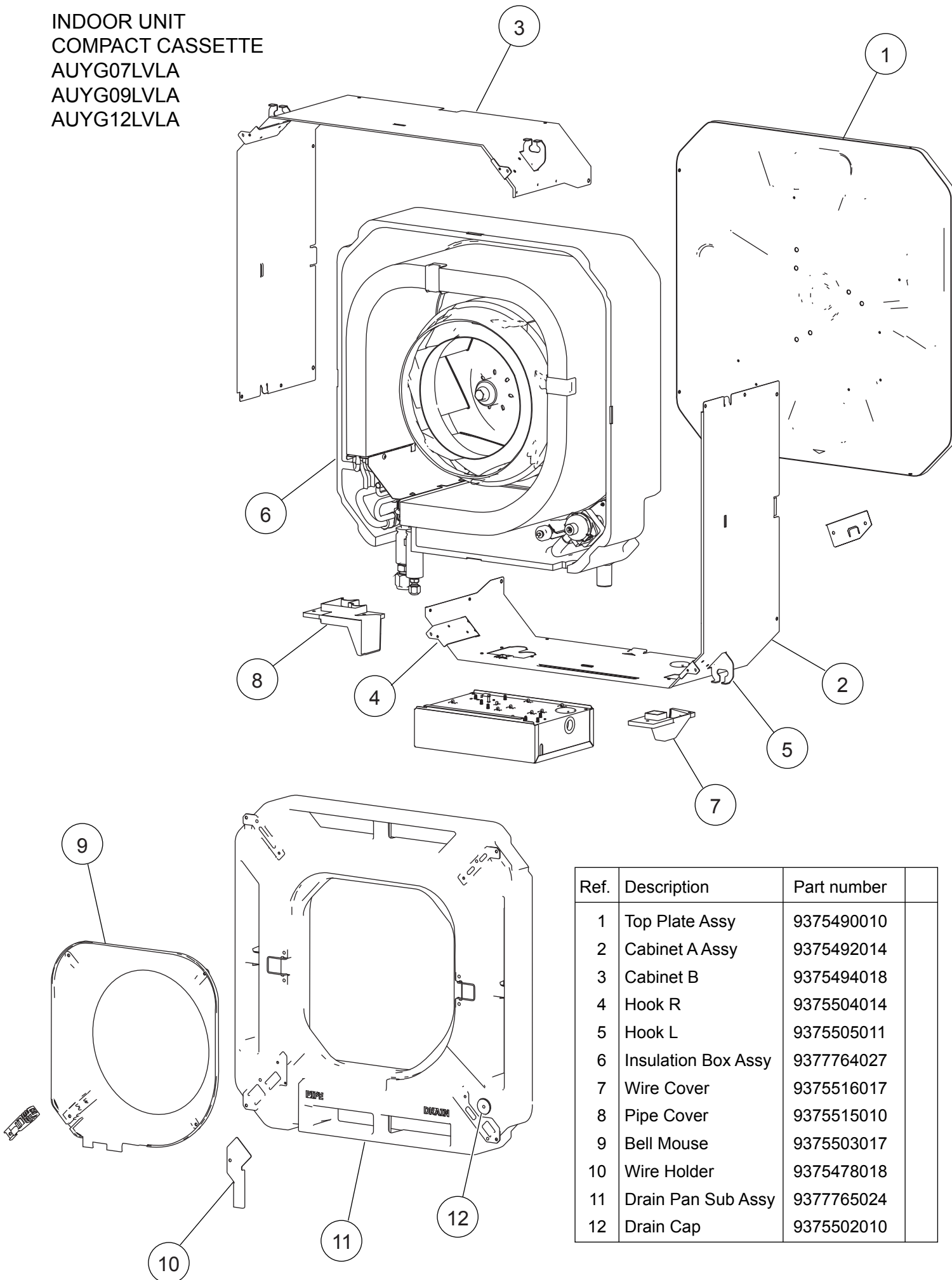
DECORATION PANEL
UTG-UFYD-W

Flap total assy
Motor holder assy

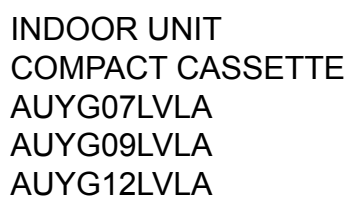


Ref.	Description	Part number	
21	Gear A	9375536015	
22	Motor Holder	9375535018	
23	Step Motor (white connector)	9900139070	
24	Step Motor (red connector)	9900139087	

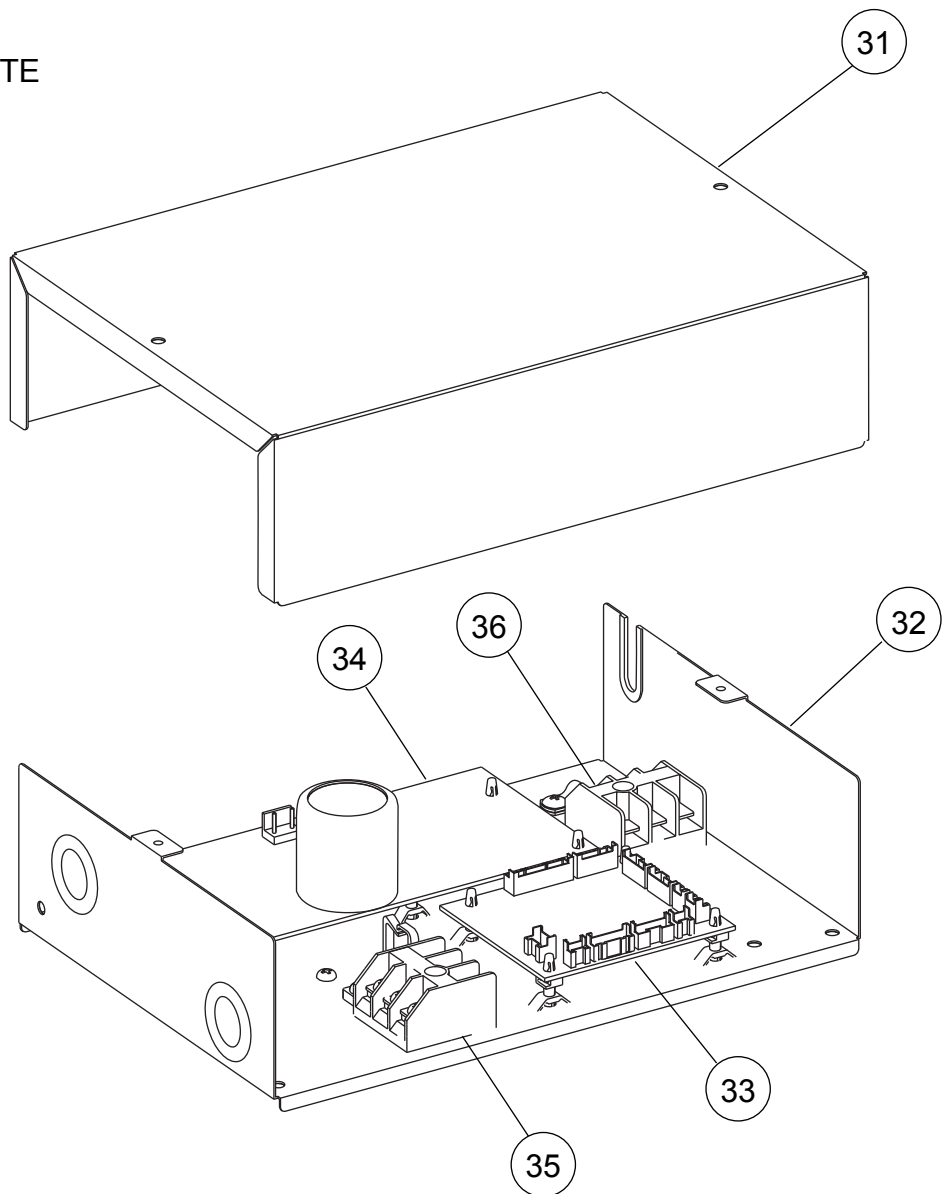
INDOOR UNIT
COMPACT CASSETTE
AUYG07LVLA
AUYG09LVLA
AUYG12LVLA



Ref.	Description	Part number
1	Top Plate Assy	9375490010
2	Cabinet A Assy	9375492014
3	Cabinet B	9375494018
4	Hook R	9375504014
5	Hook L	9375505011
6	Insulation Box Assy	9377764027
7	Wire Cover	9375516017
8	Pipe Cover	9375515010
9	Bell Mouse	9375503017
10	Wire Holder	9375478018
11	Drain Pan Sub Assy	9377765024
12	Drain Cap	9375502010

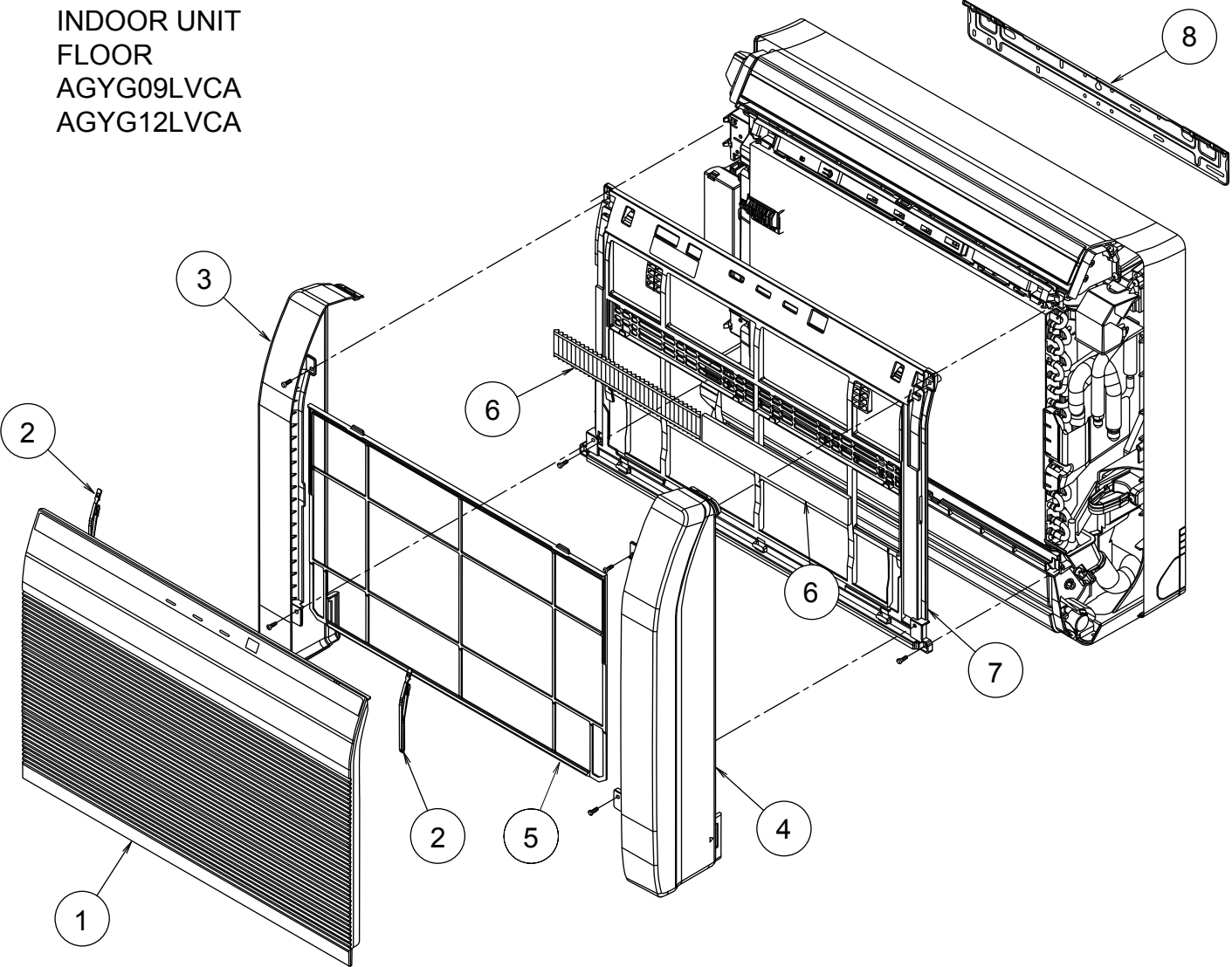
2011.07.25

INDOOR UNIT
 COMPACT CASSETTE
 AUYG07LVLA
 AUYG09LVLA
 AUYG12LVLA
 Control unit



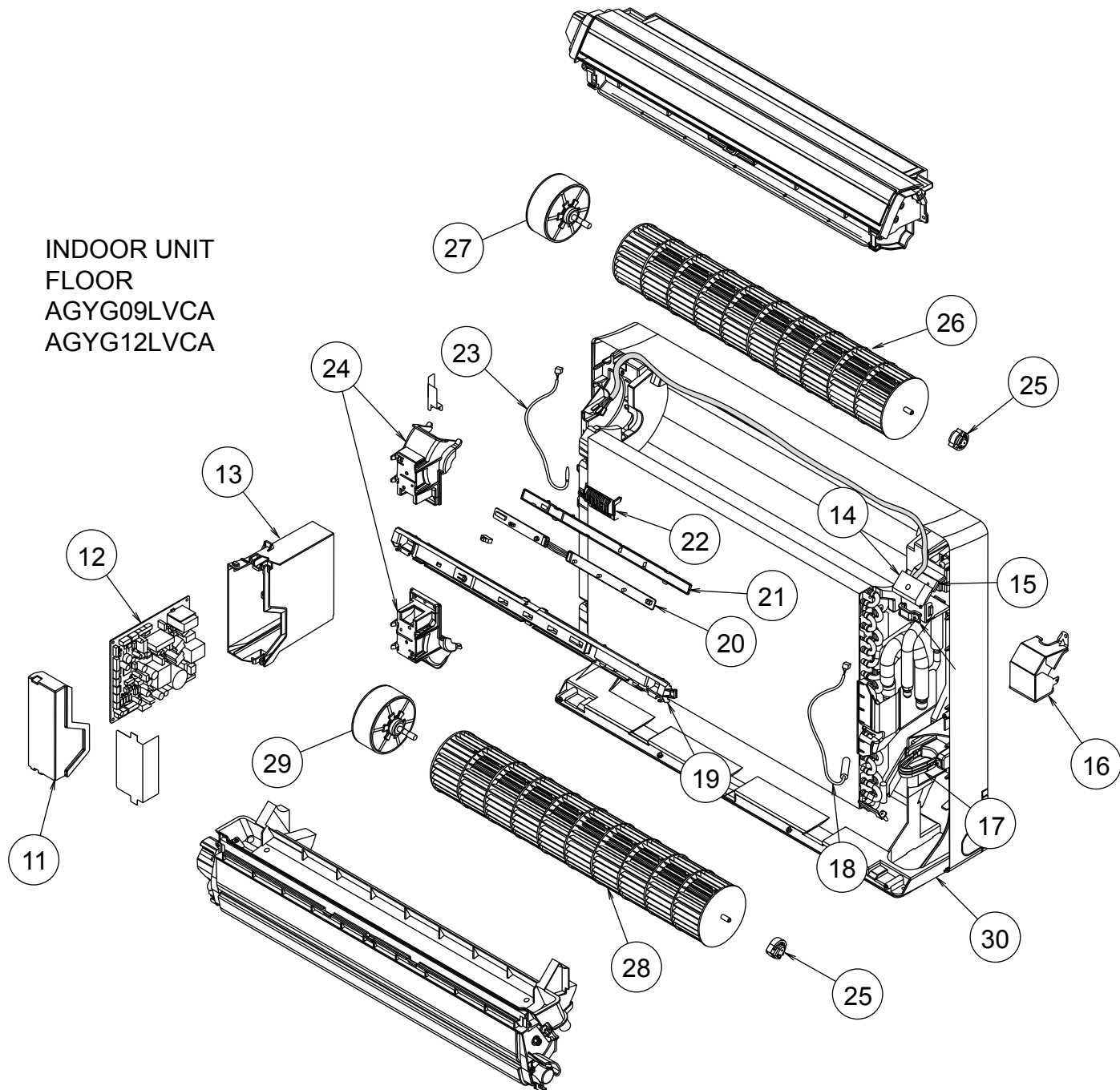
Ref.	Description	Part number	
31	Control Box Cover	9375512019	
32	Control Box A	9375511012	
33	Controller PCB Assy (07)	9707393736	
33	Controller PCB Assy (09)	9707393743	
33	Controller PCB Assy (12)	9707393750	
34	Power Supply PCB Assy	9707398250	
35	Terminal	9306489045	
36	Terminal	9703345012	
--	Pipe Thermistor	9703297014	
--	Room Thermistor	9900502003	
--	Remote	9379219006	
--	Remote Holder	9305642045	

INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA



Ref	Description	Parts number	
1	Intake Grille Assy	9316418059	
2	Rope Assy	9316458017	
3	Panel (Front) L	9316187016	
4	Panel (Front) R	9316186019	
5	Air Filter	9316189010	
6	Air Clean Filter Assy	9316474017	
7	Panel (Front)	9316185012	
8	Bracket Panel	9316272019	
--	Remote	9379219006	
--	Remote Holder	9305642045	

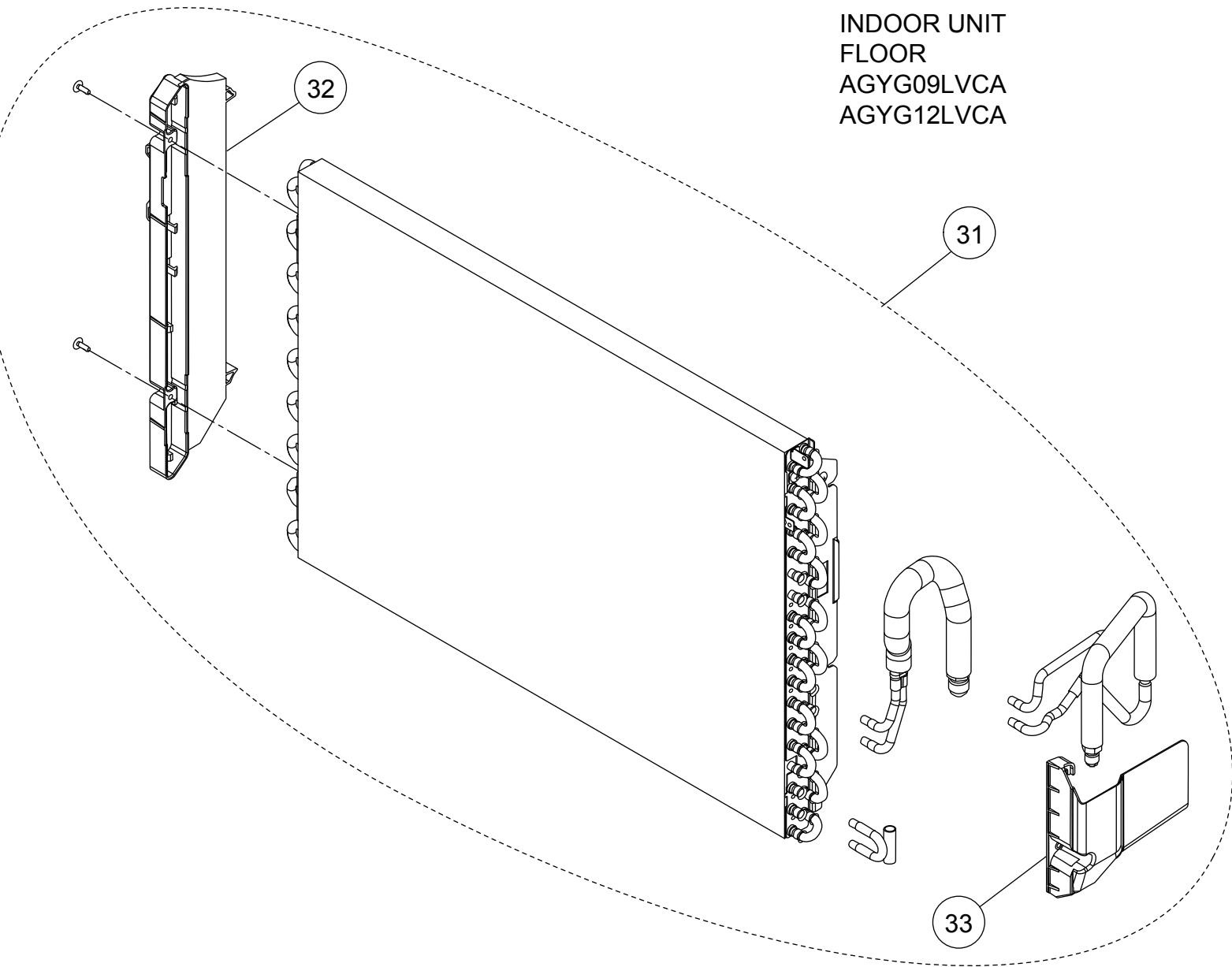
INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA



Ref	Description	Parts number
11	Control Cover	9316201019
12	Controller PCB Assy (09)	9708532011
12	Controller PCB Assy (12)	9708532028
13	Control Box	9316200012
14	Terminal	9900385026
15	Bracket (Terminal)	9316269019
16	Cover (Terminal)	9316307018
17	Bracket (Pipe)	9316270015
18	Pipe Thermistor	9900425012
19	Display Case	9316194014
20	Display PCB Assy	9707571042

Ref	Description	Parts number
21	Display Cover	9316191013
22	Thermistor Holder	9316192010
23	Room Thermistor	9700801108
24	Motor Holder	9316195011
25	Bearing C Assy	9306628017
26	Crossflow Fan Assy	9312004034
27	Fan Motor, MFD-34TXN	9602850006
28	Crossflow Fan B Assy	9316309012
29	Fan Motor, MFD-14SXN	9602851003
30	Base	9316193017

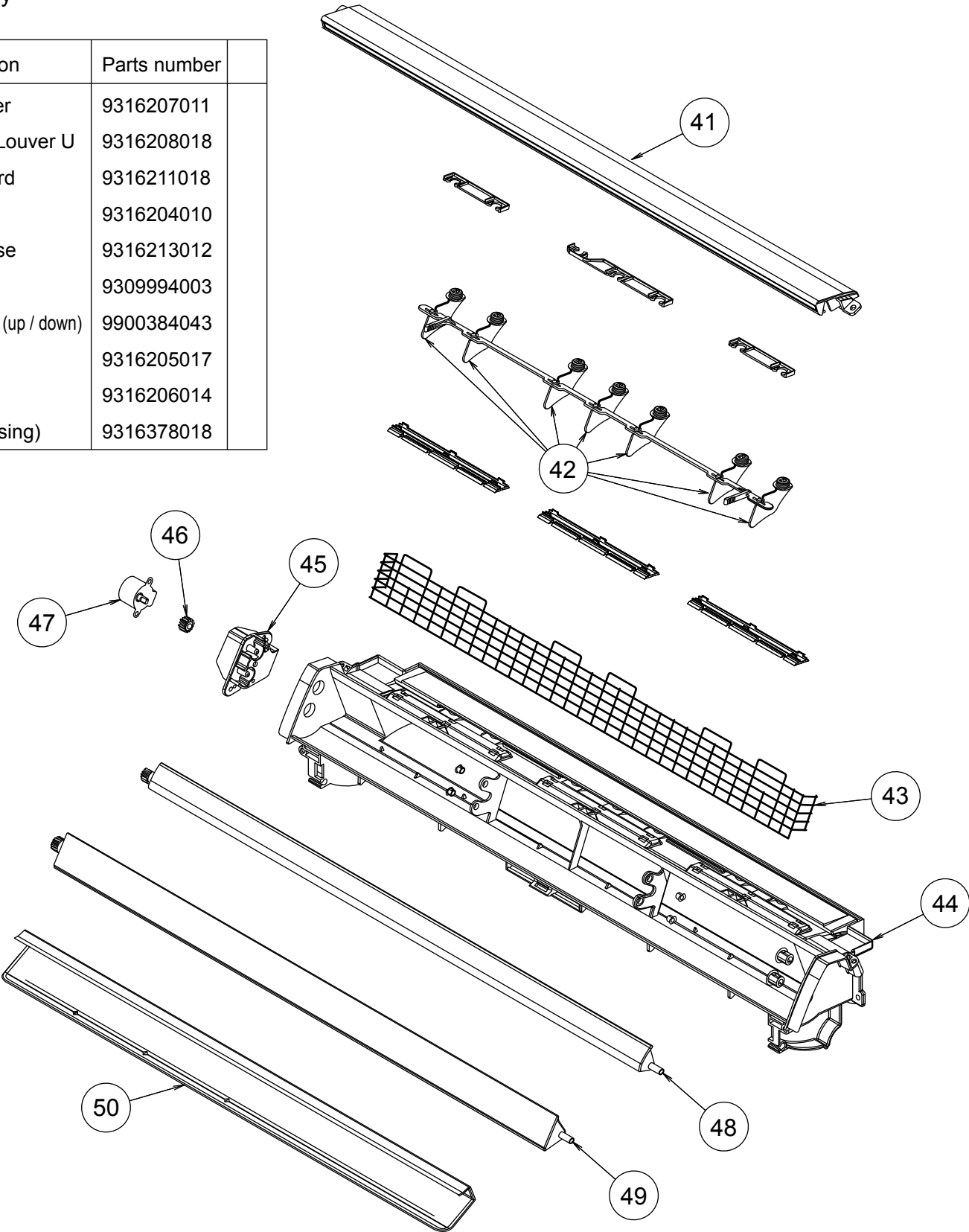
INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA



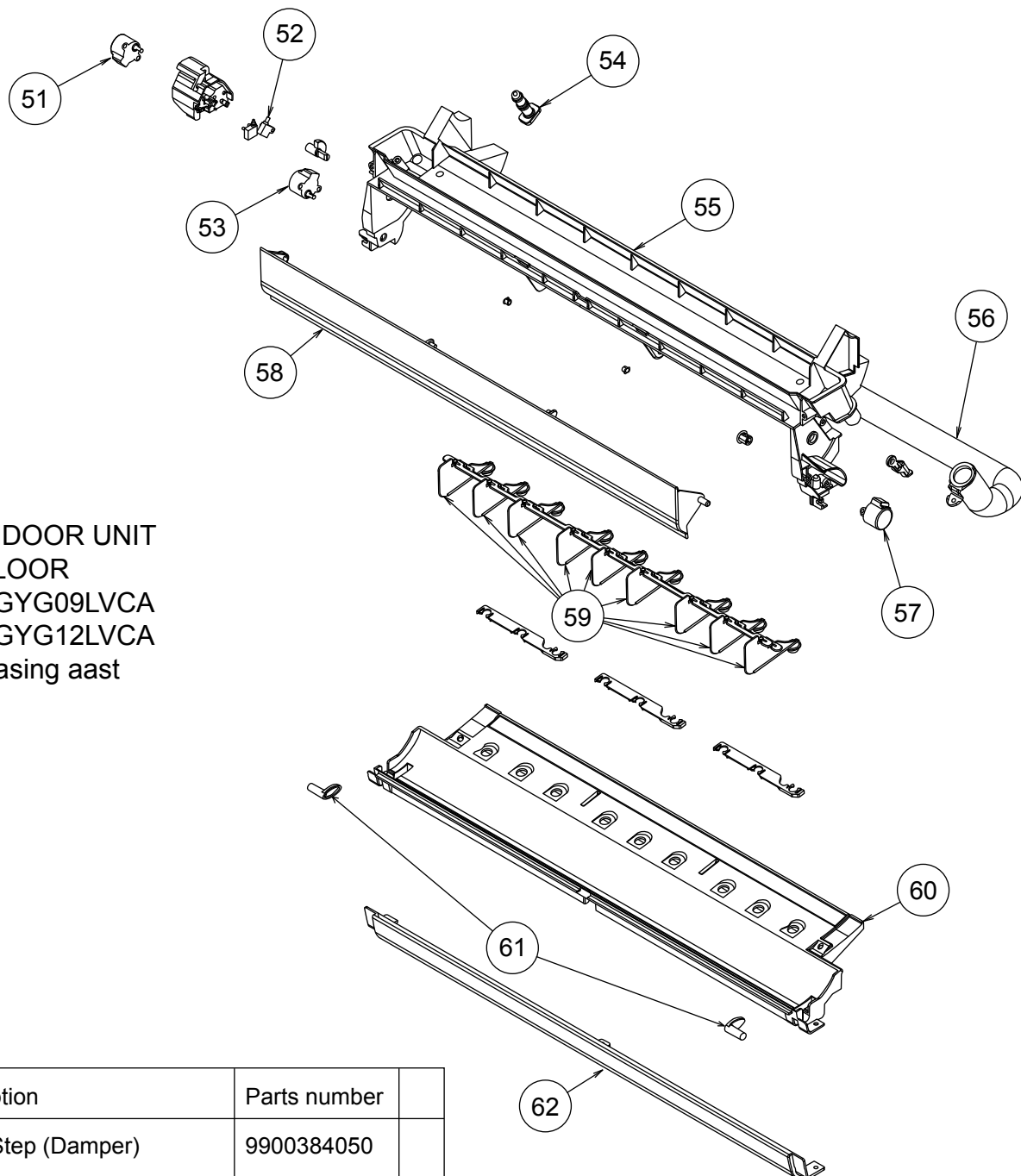
Ref	Description	Parts number	
31	Evaporator Total Assy	9316091016	
32	Evaporator Holder	9316199019	
33	Water Seal	9316271012	

INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA
Casing assy

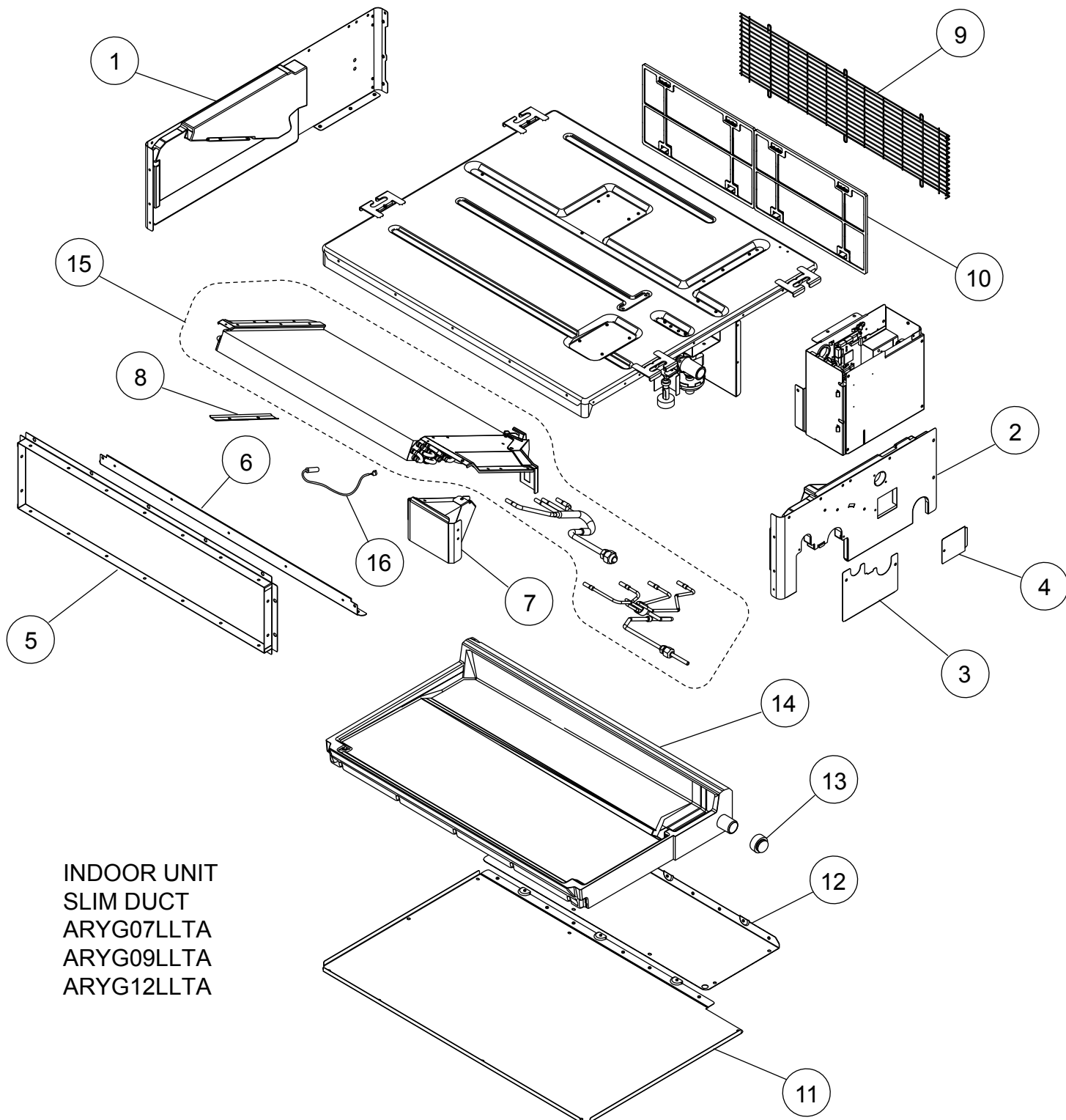
Ref	Description	Parts number	
41	Top Cover	9316207011	
42	R and L Louver U	9316208018	
43	Fan Guard	9316211018	
44	Casing	9316204010	
45	Gear Case	9316213012	
46	Gear A	9309994003	
47	Motor Step (up / down)	9900384043	
48	Louver U	9316205017	
49	Louver Z	9316206014	
50	REF (Casing)	9316378018	



INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA
Casing aast



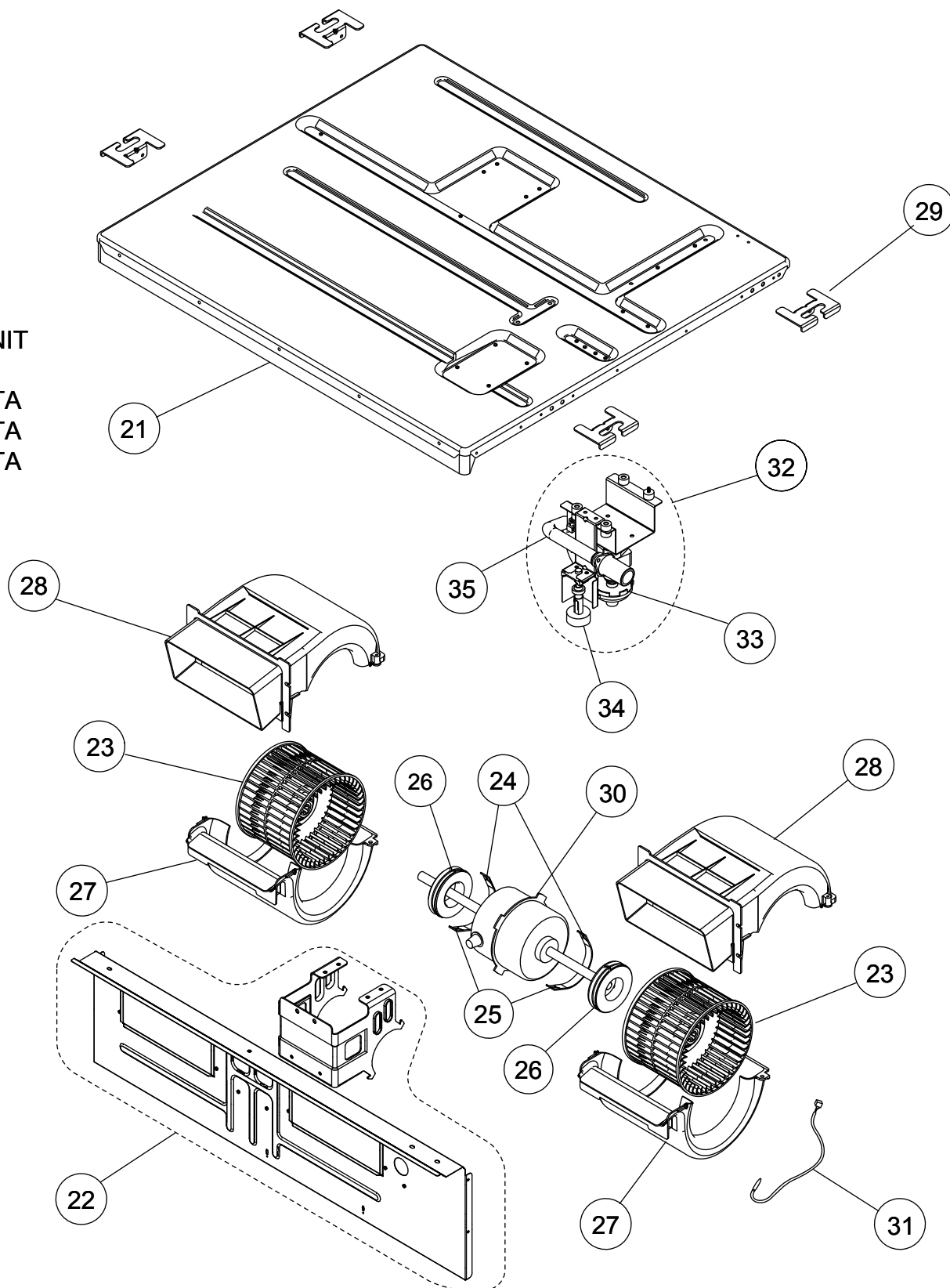
Ref	Description	Parts number	
51	Motor Step (Damper)	9900384050	
52	Switch Micro (Limit switch)	9900424015	
53	Motor Step (Damper Lock Left)	9900384067	
54	Drain Cap	9316177017	
55	Drain Pan U	9316214019	
56	Drain Hose Assy	9314147029	
57	Motor Step (Damper Lock Right)	9900384074	
58	Damper	9316216013	
59	R and L Louver Z	9316334014	
60	Drain Pan Z	9316215016	
61	Stopper	9316219014	
62	Cover (Lower)	9316374010	
--	Fan Guard Z	9316918009	



INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA

Ref	Description	Parts number		Ref	Description	Parts number	
1	Side Panel R Sub Assy	9379906005		10	Air Filter	9379574006	
2	Side Panel L Sub Assy	9379907002		11	Main Panel Sub Assy	9379902007	
3	Pipe Panel Sub Assy	9379900003		12	Cabinet Panel (2 Fan)	9379596008	
4	Panel (Window) Sub Assy	9379915007		13	Drain Cap	9358746004	
5	Outlet Frame Sub Assy	9379909006		14	Drain Pan Sub Assy	9379901000	
6	Front Panel (2 Fan)	9379593007		15	Evaporater Total Assy (07)	9364499666	
7	Valve Cover Sub Assy	9379576000		15	Evaporater Total Assy (09, 12)	9364499581	
8	Cover Pipe Sub Assy	9380033004		16	Pipe Thermistor	9900623005	
9	Fan Guard (2 Fan)	9379637008		--	Hose Sub Assy	9378450103	

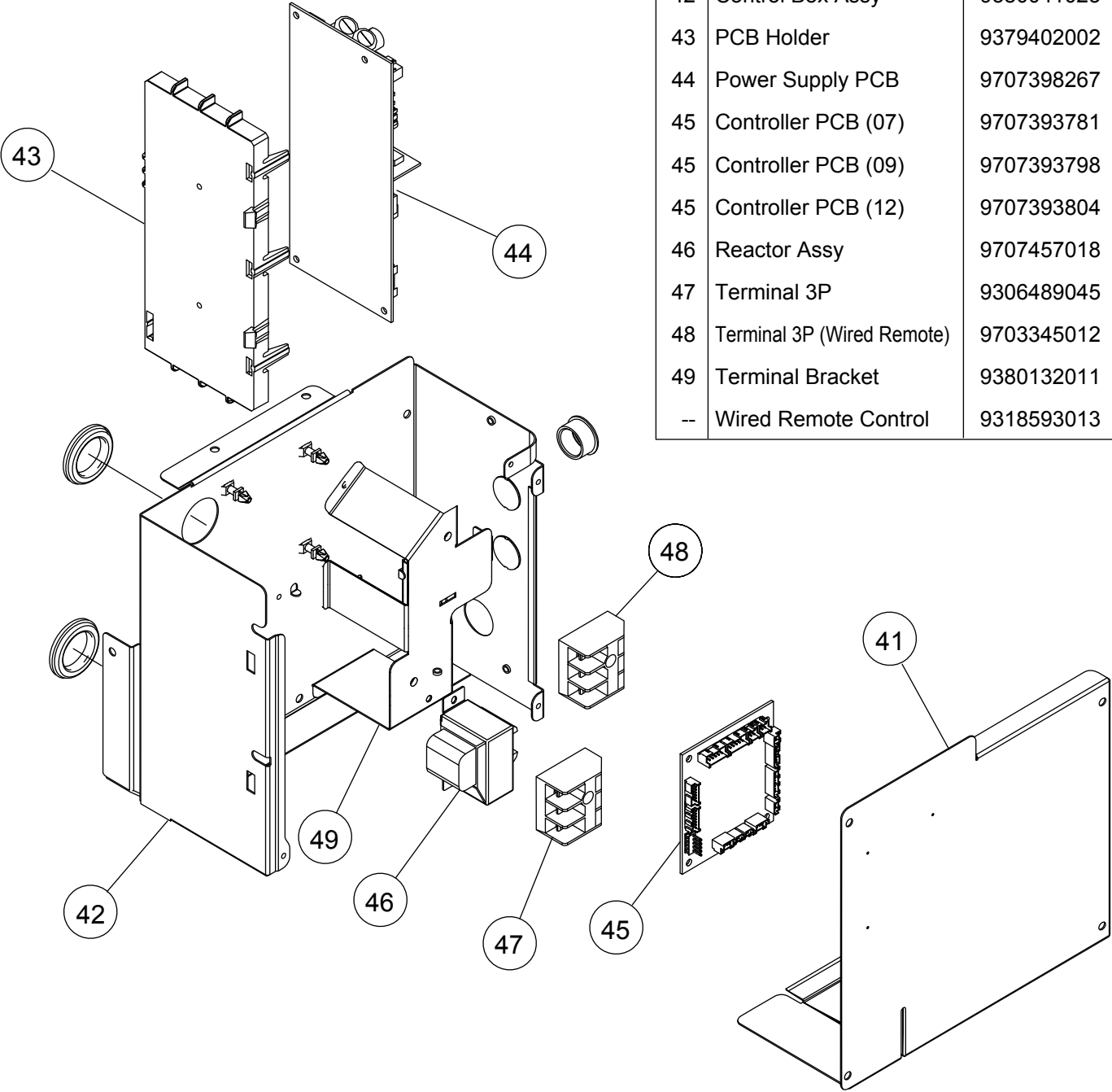
INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA



Ref	Description	Parts number
21	Top Panel Sub Assy	9379908009
22	Separator Sub Assy	9379898003
23	Sirroco Fan Assy	9379570015
24	Motor Band Assy	9379613002
25	Motor Band	9379614009
26	Rubber (Vibration Proof)	9379644006
27	Casing B	9379572002
28	Casing U	9379571005

Ref	Description	Parts number
29	Hook Metal	9379889001
30	Fan Motor Assy (07)	9602966011
30	Fan Motor Assy (09, 12)	9602967018
31	Room Thermistor	9703299247
32	Drain Pump Sub Assy	9379914000
33	Pump Assy	9900472047
34	Float Switch	9900465032
35	Drain Hose Assy	9379913003

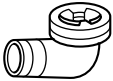
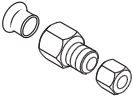
INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA



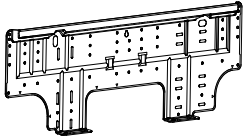
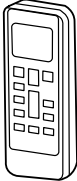
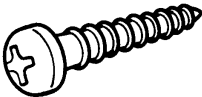
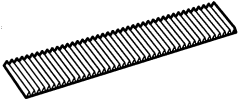
Ref	Description	Parts number
41	Control Cover Sub Assy	9379806039
42	Control Box Assy	9380041023
43	PCB Holder	9379402002
44	Power Supply PCB	9707398267
45	Controller PCB (07)	9707393781
45	Controller PCB (09)	9707393798
45	Controller PCB (12)	9707393804
46	Reactor Assy	9707457018
47	Terminal 3P	9306489045
48	Terminal 3P (Wired Remote)	9703345012
49	Terminal Bracket	9380132011
--	Wired Remote Control	9318593013

ACCESSORIES

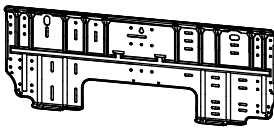
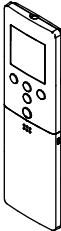
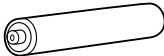
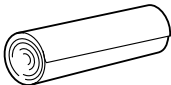
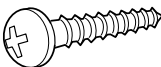
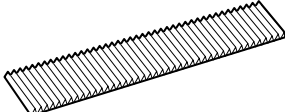
OUTDOOR UNIT

Name and Shape	Q'ty	Use
Drain pipe assy 	1	For outdoor unit drain piping work
Adapter assy 9.52mm → 12.7mm 	1	For use when connecting model 14 to outdoor port A or B (AOYG18LAC2 only)

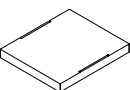
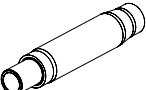
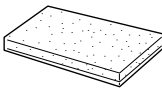
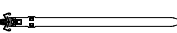
INDOOR UNIT
COMPACT WALL MOUNTED
ASYG07, 09, 12LJCA

Name and Shape	Q'ty
Wall hook bracket 	1
Remote control 	1
Battery 	2
Remote control holder 	1
Cloth tape 	1
Tapping screw (big) 	8
Tapping screw (small) 	2
Air cleaning filter 	2

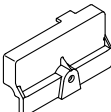
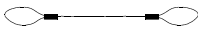
COMPACT WALL MOUNTED
ASYG07, 09, 12, 14LUCA

Name and Shape	Q'ty
Bracket panel 	1
Remote control 	1
Battery 	2
Remote control holder 	1
Cloth tape 	1
Tapping screw (big) 	5
Tapping screw (small) 	2
Air cleaning filter 	2

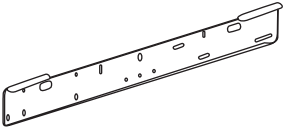
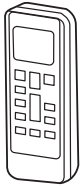
**INDOOR UNIT
COMPACT CASSETTE
AUYG07, 09, 12LVLA**

Name and Shape	Q'ty	Application
Coupler heat insulation (Large) 	1	For indoor side pipe joint (Gas pipe)
Coupler heat insulation (Small) 	1	For indoor side pipe joint (Liquid pipe)
Special nut A (Large range) 	4	For installing indoor unit
Special nut B (Small range) 	4	For installing indoor unit
Template (Carton top) 	1	For cealing openings cutting Also used as packing
Drain hose 	1	For installing drain pipe
Hose Band 	1	For installing drain hose
Drain hose insulation 	1	For installing drain pipe
Remote control 	1	For air conditioner operation
Battery 	2	For remote control
Remote control holder 	1	For installing the remote control
Tapping screw (M3 × 12mm) 	2	For mounting the remote controller holder
Binder 	2	For electrical wiring
Wire clamber 	1	For electrical wiring

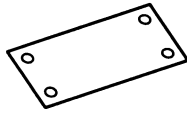
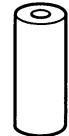
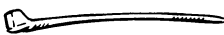
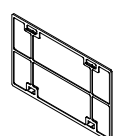
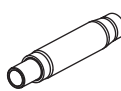
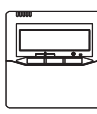
**DECORATION PANEL
UTG-UFYD-W**

Name and Shape	Q'ty	Application
Connector cover 	1	For covering connector
Tapping Screw (M5 × 12 mm) 	4	For mounting decoration panel
Tapping Screw (M4 × 12 mm) 	1	For mounting connector cover
L angle 	2	For mounting the Hook Wire to the Decoration panel
Hook wire 	2	For suspending the Decoration panel
Screw [pitch small] (M4 × 10 mm) 	2	For mounting the Hook Wire (for metals)
Screw [pitch large] (M4 × 10 mm) 	4	For mounting the L angle and Hook wire (for resins)

INDOOR UNIT
FLOOR
AGYG09LVCA
AGYG12LVCA

Name and Shape	Q'ty
Wall hook bracket 	1
Remote control 	1
Battery 	2
Remote control holder 	1
Cloth tape 	1
Tapping screw (M4 x 25 mm) 	9
Tapping screw (M3 x 12 mm) 	2
Air cleaning filter 	2

INDOOR UNIT
SLIM DUCT
ARYG07LLTA
ARYG09LLTA
ARYG12LLTA

Name and Shape	Q'ty	Application
Installation template 	1	For positioning the indoor unit
Washer 	8	For installing indoor unit
Coupler heat insulation (Large) 	1	For indoor side pipe joint (Large pipe)
Coupler heat insulation (Small) 	1	For indoor side pipe joint (Small pipe)
Binder 	Medium 3	For power supply and remote control cable binding.
	Large 4	For fixing the coupler heat insulation.
Filter (Small) 	2	
Drain hose 	1	For installing drain pipe 3/4 in. (O.D. 1-1/16 in.)
Hose band 	1	For installing drain hose
Drain hose insulation B 	1	Insulates the drain hose
Wired remote control 	1	
Remote control cable 	1	For connecting the remote control
Tapping screw (M4 × 16 mm) 	2	For installing the remote control

1102G3891