

SERVICE MANUAL



CONTENTS

SPECIFICATIONS	1
DIMENSIONS	8
REFRIGERANT SYSTEM DIAGRAM ...	16
CIRCUIT DIAGRAM	17
OUTDOOR PCB CIRCUIT DIAGRAM ...	24
INDOOR PCB CIRCUIT DIAGRAM	27
ERROR DETECTION	47
PARTS (OUTDOOR UNIT)	49
PARTS (INDOOR UNIT)	53
ACCESSORIES	86

Outdoor unit

ROG18LAT3

Indoor unit

RSG07LJCA
RSG09LJCA
RSG12LJCA
RCG07LVLA
RCG09LVLA
RCG12LVLA
RCG14LVLA
CG-UFFD
RGG09LVCA
RGG12LVCA
RGG14LVCA
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
RYG14LVTA

ROG24LAT3

RSG07LJCA
RSG09LJCA
RSG12LJCA
RSG18LFCA
RCG07LVLA
RCG09LVLA
RCG12LVLA
RCG14LVLA
RCG18LVLA
CG-UFFD
RGG09LVCA
RGG12LVCA
RGG14LVCA
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
RDG18LLTA
RYG14LVTA
RYG18LVTA

SPECIFICATIONS

OUTDOOR UNIT

ELECTRICAL SPECIFICATIONS

TYPE		Three room multi inverter system	
MODEL NAME		ROG18LAT3	ROG24LAT3
COOLING CAPACITY		5.4 kW	6.8 kW
HEATING CAPACITY		6.8 kW	8.0 kW
POWER SUPPLY		230V	
FREQUENCY		50 Hz	
RUNNING CURRENT	Cooling	5.9 A	8.5 A
	Heating	7.1 A	8.8 A
INPUT	Cooling	1.35 kW	1.94 kW
	Heating	1.62 kW	2.00 kW
EER	Cooling	4.00 kW/kW	3.50 kW/kW
	Heating	4.20 kW/kW	4.00 kW/kW
AIR CIRCULATION HIGH	Cooling	3,050 m³/hr	3,300 m³/hr
	Heating	2,750 m³/hr	3,300 m³/hr

FAN MOTOR

DISCRIMINATION	MFE-60TVT	
HIGH SPEED (COOL)	730 r.p.m.	780 r.p.m.
HIGH SPEED (HEAT)	660 r.p.m.	780 r.p.m.

NOISE LEVEL

HIGH SPEED (COOL)	46 dB	48 dB
HIGH SPEED (HEAT)	47 dB	49 dB

COMPRESSOR AND REFRIGERANT

TYPE		Hermetic type, Inverter, 4 poles, 3-phase, DC motor, Twin Rotary	
DISCRIMINATION		DA150A1F-20NA	
WEIGHT (with oil)		10.0 kg	
PRECHARGED REFRIGERANT		2,200 g	
REFRIGERANT TYPE		R410A	
FULL CHARGE	Total pipe length 30 m	2,200 g	
	40 m	2,400 g	
	50 m	2,600 g	
ADDITIONAL CHARGE		20 g/m	
MAXIMUM PIPE LENGTH (total)		50 m	
MINIMUM PIPE LENGTH (total)		15 m	
MAXIMUM PIPE LENGTH (each unit)		25 m	
MINIMUM PIPE LENGTH (each unit)		5 m	
MAX ELEVATION (between indoor units)		10 m	
MAX ELEVATION (between indoor and outdoor)		15 m	

MEASUREMENT

DIMENSIONS	H x W x D	700 x 900 x 330 mm
WEIGHT	Net / Shipping	55 kg / 63 kg

INDOOR UNIT
COMPACT WALL MOUNTED

ELECTRICAL DATA

MODEL NAME	RSG07LJCA	RSG09LJCA	RSG12LJCA
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
WALL MOUNTED

ELECTRICAL DATA

MODEL NAME	RSG18LFCA
CAPACITY	5.0 kW class

FAN MOTOR

DISCRIMINATION			MFD-50RON
FAN SPEED	Cooling	High	1,220 r.p.m.
		Medium	1,020 r.p.m.
		Low	900 r.p.m.
		Quiet	710 r.p.m.
	Heating	High	1,220 r.p.m.
		Medium	1,020 r.p.m.
		Low	900 r.p.m.
		Quiet	740 r.p.m.
AIR FLOW	Cooling	High	900 m ³ /h
		Medium	740 m ³ /h
		Low	620 m ³ /h
		Quiet	550 m ³ /h
	Heating	High	900 m ³ /h
		Medium	740 m ³ /h
		Low	620 m ³ /h
		Quiet	550 m ³ /h
NOISE LEVEL	Cooling	High	43 dB(A)
		Medium	37 dB(A)
		Low	33 dB(A)
		Quiet	26 dB(A)
	Heating	High	42 dB(A)
		Medium	37 dB(A)
		Low	33 dB(A)
		Quiet	25 dB(A)

MEASUREMENTS

DIMENSIONS	H x W x D	320 x 998 x 238 mm
WEIGHT	Net / Shipping	14 kg / 18 kg

INDOOR UNIT COMPACT CASSETTE

ELECTRICAL DATA

MODEL NAME	RCG07LVLA	RCG09LVLA	RCG12LVLA	RCG14LVLA	RCG18LVLA
CAPACITY	2.0 kW class	2.5 kW class	3.5 kW class	4.0 kW class	5.0 kW class

FAN MOTOR

DISCRIMINATION			MFF-24RVL				
FAN SPEED	Cooling	High	590 r.p.m.	590 r.p.m.	660 r.p.m.	730 r.p.m.	790 r.p.m.
		Medium	540 r.p.m.	540 r.p.m.	580 r.p.m.	630 r.p.m.	660 r.p.m.
		Low	490 r.p.m.	490 r.p.m.	520 r.p.m.	540 r.p.m.	570 r.p.m.
		Quiet	440 r.p.m.	440 r.p.m.	460 r.p.m.	460 r.p.m.	460 r.p.m.
	Heating	High	590 r.p.m.	590 r.p.m.	650 r.p.m.	740 r.p.m.	840 r.p.m.
		Medium	540 r.p.m.	540 r.p.m.	580 r.p.m.	670 r.p.m.	750 r.p.m.
		Low	490 r.p.m.	490 r.p.m.	520 r.p.m.	600 r.p.m.	650 r.p.m.
		Quiet	440 r.p.m.	440 r.p.m.	460 r.p.m.	480 r.p.m.	500 r.p.m.
AIR FLOW	Cooling	High	540 m³/h	540 m³/h	610 m³/h	680 m³/h	750 m³/h
		Medium	490 m³/h	490 m³/h	530 m³/h	580 m³/h	610 m³/h
		Low	440 m³/h	440 m³/h	470 m³/h	490 m³/h	520 m³/h
		Quiet	390 m³/h	390 m³/h	410 m³/h	410 m³/h	410 m³/h
	Heating	High	540 m³/h	540 m³/h	610 m³/h	700 m³/h	800 m³/h
		Medium	490 m³/h	490 m³/h	530 m³/h	620 m³/h	710 m³/h
		Low	440 m³/h	440 m³/h	470 m³/h	550 m³/h	600 m³/h
		Quiet	390 m³/h	390 m³/h	410 m³/h	430 m³/h	450 m³/h
NOISE LEVEL	Cooling	High	33 dB(A)	33 dB(A)	37 dB(A)	40 dB(A)	42 dB(A)
		Medium	31 dB(A)	31 dB(A)	33 dB(A)	35 dB(A)	37 dB(A)
		Low	29 dB(A)	29 dB(A)	31 dB(A)	32 dB(A)	33 dB(A)
		Quiet	27 dB(A)	27 dB(A)	28 dB(A)	29 dB(A)	29 dB(A)
	Heating	High	34 dB(A)	34 dB(A)	37 dB(A)	40 dB(A)	44 dB(A)
		Medium	32 dB(A)	32 dB(A)	33 dB(A)	37 dB(A)	40 dB(A)
		Low	29 dB(A)	29 dB(A)	31 dB(A)	34 dB(A)	37 dB(A)
		Quiet	27 dB(A)	27 dB(A)	28 dB(A)	29 dB(A)	30 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	RGG09LVCA	RGG12LVCA	RGG14LVCA
CAPACITY	2.5 kW class	3.5 kW class	4.0 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.	1,330 / 1,120 r.p.m.
		Medium	960 / 820 r.p.m.	1,050 / 890 r.p.m.	1,100 / 930 r.p.m.
		Low	820 / 700 r.p.m.	860 / 730 r.p.m.	890 / 750 r.p.m.
		Quiet	660 / 560 r.p.m.	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.	1,330 / 1,120 r.p.m.
		Medium	1,000 / 850 r.p.m.	1,080 / 920 r.p.m.	1,140 / 970 r.p.m.
		Low	860 / 730 r.p.m.	910 / 770 r.p.m.	940 / 800 r.p.m.
		Quiet	660 / 560 r.p.m.	660 / 560 r.p.m.	660 / 560 r.p.m.
AIR CIRCULATION HIGH (2 fan running)	Cooling	High	530 m3/hr	600 m3/hr	650 m3/hr
		Medium	440 m3/hr	490 m3/hr	520 m3/hr
		Low	360 m3/hr	380 m3/hr	400 m3/hr
		Quiet	270 m3/hr	270 m3/hr	270 m3/hr
	Heating	High	530 m3/hr	600 m3/hr	650 m3/hr
		Medium	460 m3/hr	510 m3/hr	540 m3/hr
		Low	380 m3/hr	410 m3/hr	430 m3/hr
		Quiet	270 m3/hr	270 m3/hr	270 m3/hr
NOISE LEVEL	Cooling	High	39 dB(A)	42 dB(A)	44 dB(A)
		Medium	34 dB(A)	36 dB(A)	38 dB(A)
		Low	28 dB(A)	30 dB(A)	31 dB(A)
		Quiet	22 dB(A)	22 dB(A)	22 dB(A)
	Heating	High	39 dB(A)	42 dB(A)	44 dB(A)
		Medium	35 dB(A)	38 dB(A)	39 dB(A)
		Low	30 dB(A)	32 dB(A)	33 dB(A)
		Quiet	22 dB(A)	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	RDG07LLTA	RDG09LLTA	RDG12LLTA	RDG14LLTA	RDG18LLTA
CAPACITY	2.0 kW class	2.5 kW class	3.5 kW class	4.0 kW class	5.0 kW class

FAN MOTOR

DISCRIMINATION			MFG-09WVL	MFG-14WV			MFG-24WV
FAN SPEED	Cooling	High	1,160 r.p.m.	1,260 r.p.m.	1,340 r.p.m.	1,560 r.p.m.	1,380 r.p.m.
		Medium	1,000 r.p.m.	1,160 r.p.m.	1,240 r.p.m.	1,400 r.p.m.	1,300 r.p.m.
		Low	940 r.p.m.	1,060 r.p.m.	1,140 r.p.m.	1,240 r.p.m.	1,220 r.p.m.
		Quiet	880 r.p.m.	960 r.p.m.	1,030 r.p.m.	1,030 r.p.m.	1,140 r.p.m.
	Heating	High	1,160 r.p.m.	1,260 r.p.m.	1,340 r.p.m.	1,560 r.p.m.	1,380 r.p.m.
		Medium	1,000 r.p.m.	1,160 r.p.m.	1,240 r.p.m.	1,400 r.p.m.	1,300 r.p.m.
		Low	940 r.p.m.	1,060 r.p.m.	1,140 r.p.m.	1,240 r.p.m.	1,220 r.p.m.
		Quiet	880 r.p.m.	960 r.p.m.	1,030 r.p.m.	1,030 r.p.m.	1,140 r.p.m.
AIR FLOW	Cooling	High	550 m³/h	600 m³/h	650 m³/h	800 m³/h	940 m³/h
		Medium	490 m³/h	550 m³/h	600 m³/h	700 m³/h	880 m³/h
		Low	470 m³/h	500 m³/h	550 m³/h	600 m³/h	820 m³/h
		Quiet	440 m³/h	450 m³/h	480 m³/h	480 m³/h	750 m³/h
	Heating	High	550 m³/h	600 m³/h	650 m³/h	800 m³/h	940 m³/h
		Medium	490 m³/h	550 m³/h	600 m³/h	700 m³/h	880 m³/h
		Low	470 m³/h	500 m³/h	550 m³/h	600 m³/h	820 m³/h
		Quiet	440 m³/h	450 m³/h	480 m³/h	480 m³/h	750 m³/h
NOISE LEVEL	Cooling	High	28 dB(A)	28 dB(A)	29 dB(A)	32 dB(A)	32 dB(A)
		Medium	26 dB(A)	27 dB(A)	28 dB(A)	30 dB(A)	31 dB(A)
		Low	25 dB(A)	26 dB(A)	27 dB(A)	28 dB(A)	30 dB(A)
		Quiet	24 dB(A)	25 dB(A)	26 dB(A)	26 dB(A)	29 dB(A)
	Heating	High	28 dB(A)	28 dB(A)	29 dB(A)	33 dB(A)	33 dB(A)
		Medium	26 dB(A)	26 dB(A)	28 dB(A)	30 dB(A)	32 dB(A)
		Low	25 dB(A)	25 dB(A)	27 dB(A)	28 dB(A)	31 dB(A)
		Quiet	24 dB(A)	24 dB(A)	24 dB(A)	25 dB(A)	29 dB(A)

MEASUREMENTS

DIMENSIONS	H x W x D	198 x 700 x 620 mm			198 x 900 x 620
WEIGHT	Net / Shipping	17 kg / 24 kg	19 kg / 26 kg		23 kg / 30 kg

INDOOR UNIT
FLOOR / CEILING

ELECTRICAL DATA

MODEL NAME	RYG14LVTA	RYG18LVTA
CAPACITY	4.0 kW class	5.00 kW class

FAN MOTOR

DISCRIMINATION			MFH-24RVL	
FAN SPEED	Cooling	High	850 r.p.m.	1,040 r.p.m.
		Medium	800 r.p.m.	950 r.p.m.
		Low	740 r.p.m.	800 r.p.m.
		Quiet	670 r.p.m.	740 r.p.m.
	Heating	High	850 r.p.m.	1,040 r.p.m.
		Medium	800 r.p.m.	950 r.p.m.
		Low	740 r.p.m.	800 r.p.m.
		Quiet	670 r.p.m.	740 r.p.m.
AIR FLOW	Cooling	High	640 m ³ /h	780 m ³ /h
		Medium	590 m ³ /h	700 m ³ /h
		Low	540 m ³ /h	560 m ³ /h
		Quiet	480 m ³ /h	500 m ³ /h
	Heating	High	640 m ³ /h	780 m ³ /h
		Medium	590 m ³ /h	700 m ³ /h
		Low	540 m ³ /h	560 m ³ /h
		Quiet	480 m ³ /h	500 m ³ /h
NOISE LEVEL	Cooling	High	36 dB(A)	41 dB(A)
		Medium	34 dB(A)	38 dB(A)
		Low	33 dB(A)	34 dB(A)
		Quiet	29 dB(A)	32 dB(A)
	Heating	High	36 dB(A)	41 dB(A)
		Medium	34 dB(A)	38 dB(A)
		Low	33 dB(A)	34 dB(A)
		Quiet	29 dB(A)	32 dB(A)

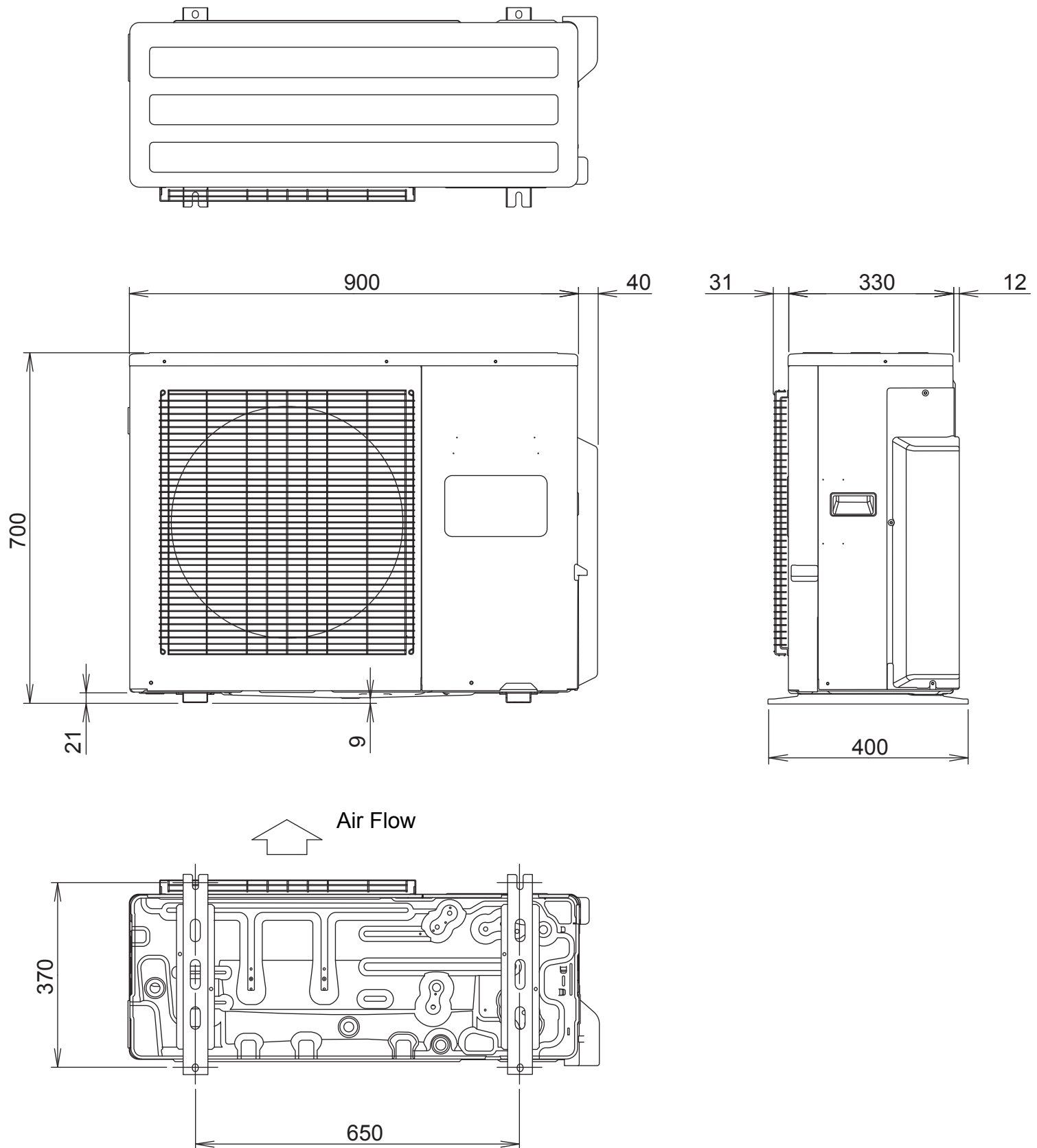
MEASUREMENTS

DIMENSIONS	H x W x D	199 x 990 x 655 mm
WEIGHT	Net / Shipping	28 kg / 37 kg

DIMENSIONS

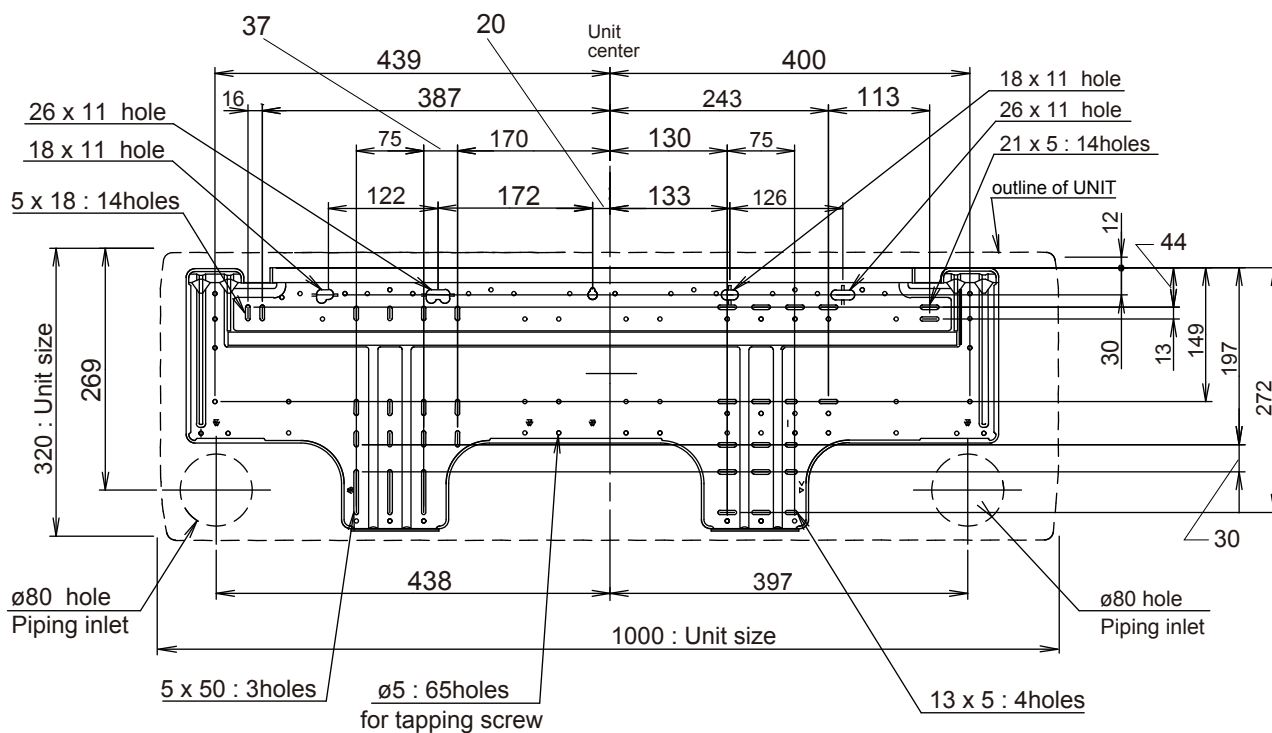
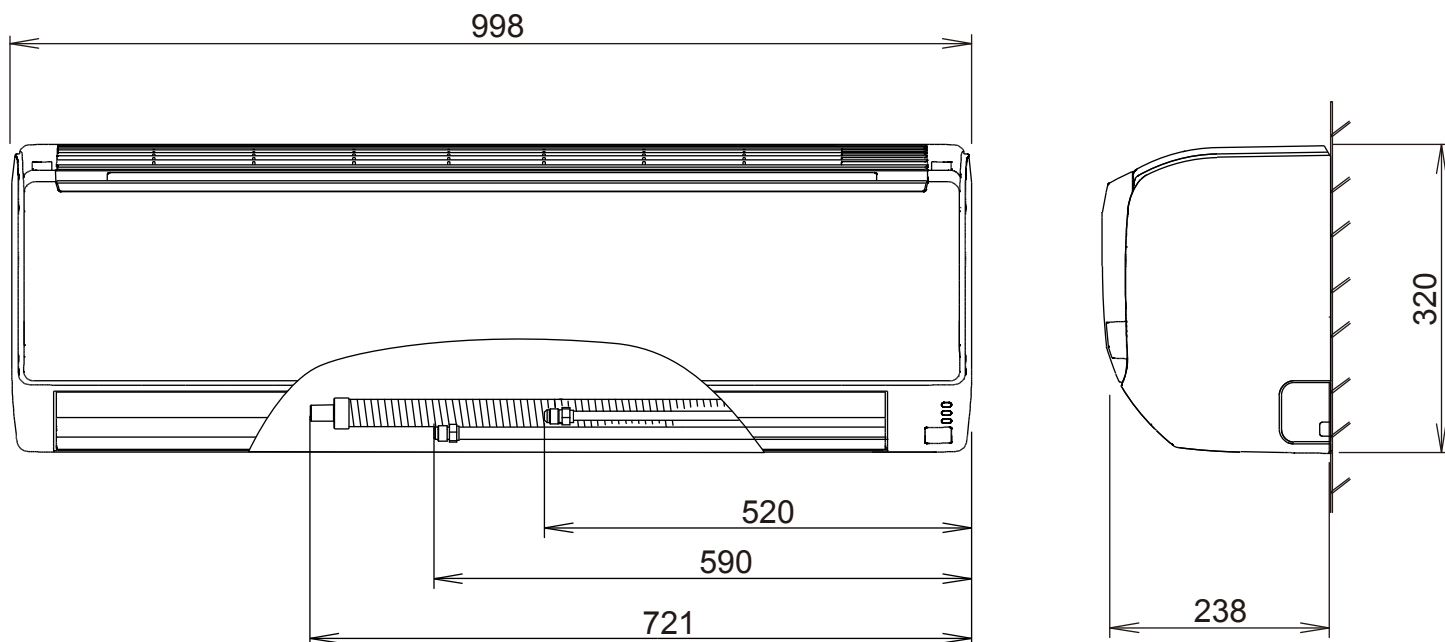
OUTDOOR UNIT

Unit : mm



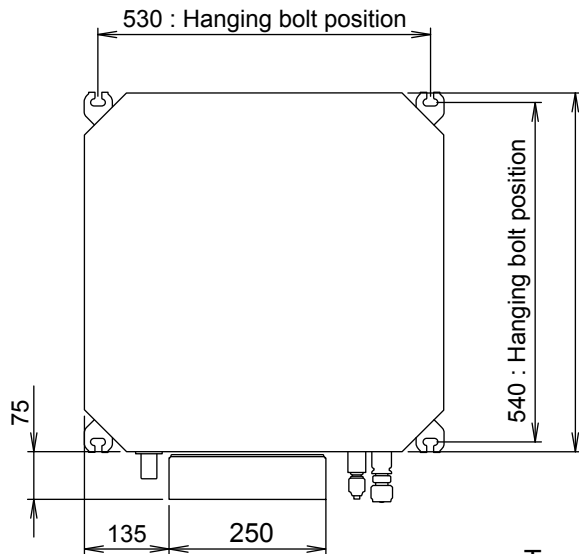
INDOOR UNIT
WALL MOUNTED
RSG18LFCA

Unit : mm

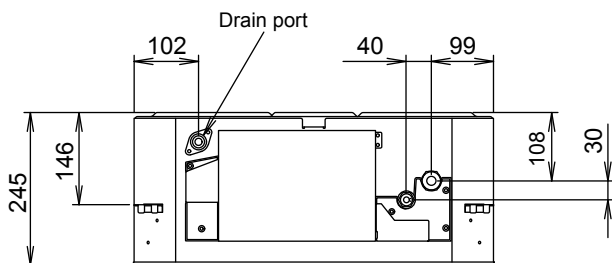
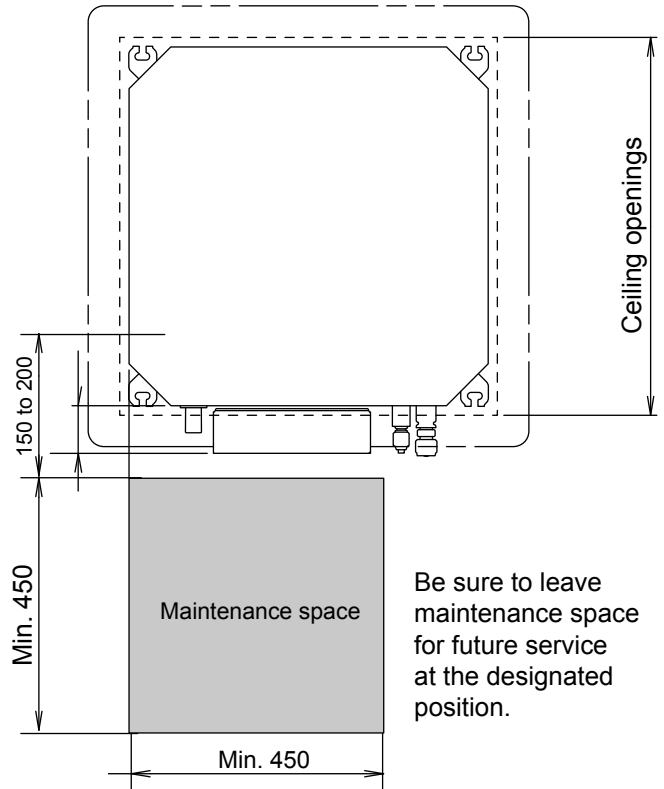


INDOOR UNIT
 COMPACT CASSETTE
 RCG07LVLA
 RCG09LVLA
 RCG12LVLA
 RCG14LVLA
 RCG18LVLA
 Unit : mm

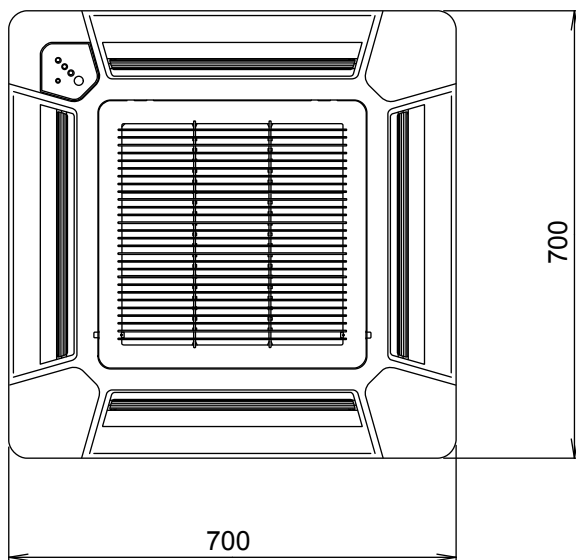
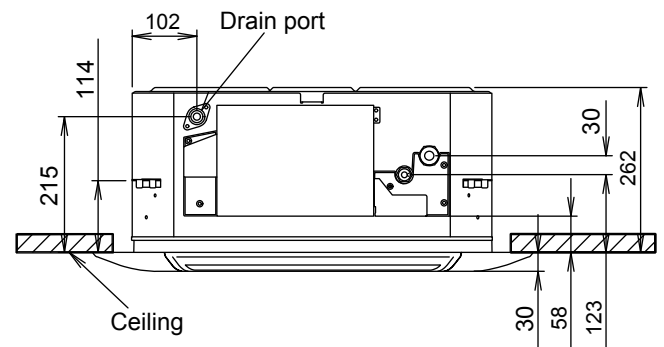
• Decoration panel mounting state



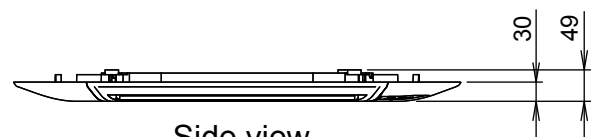
Top view



Side view

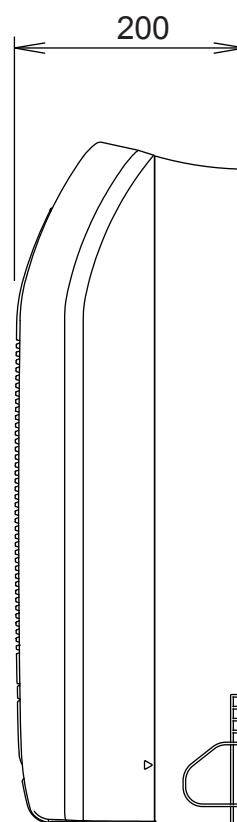
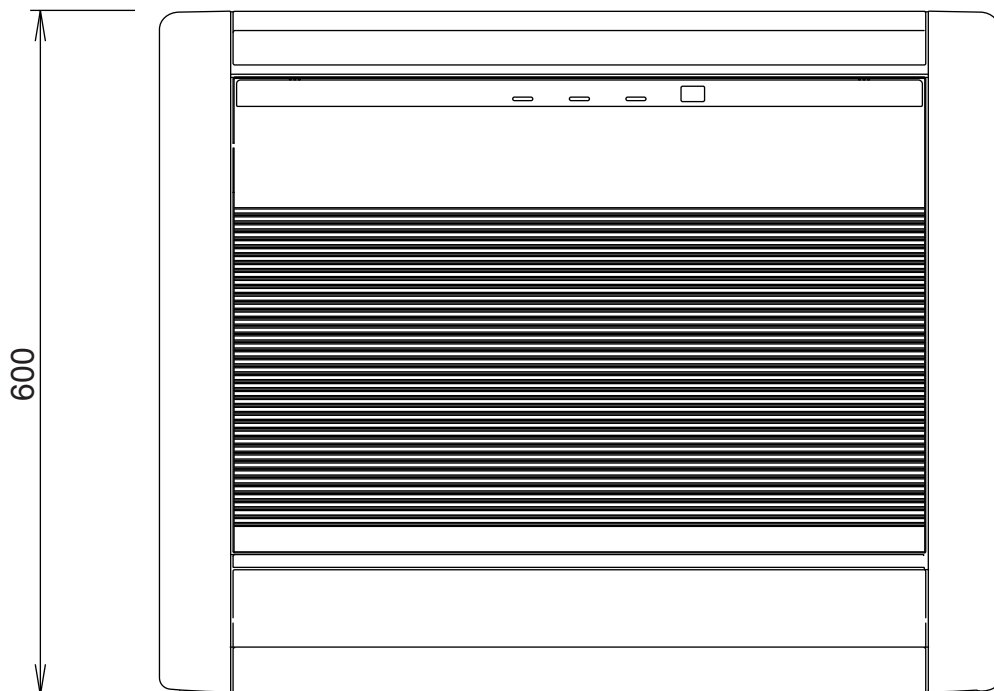
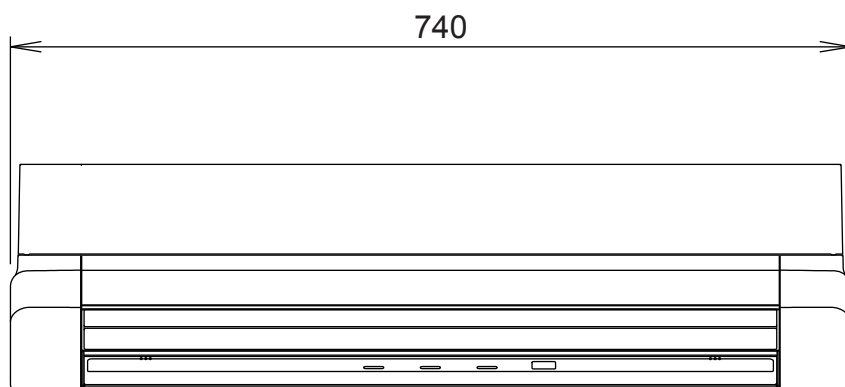


Bottom view

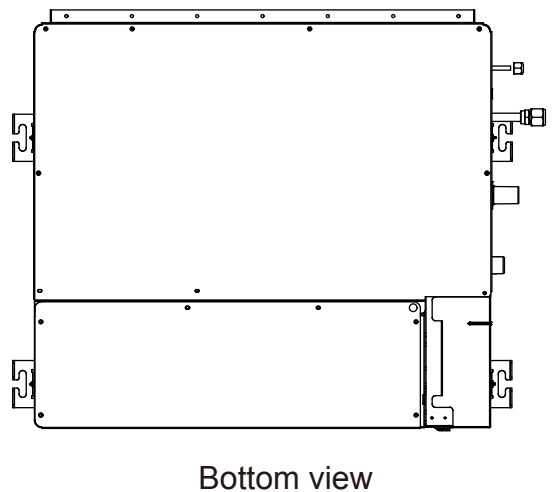
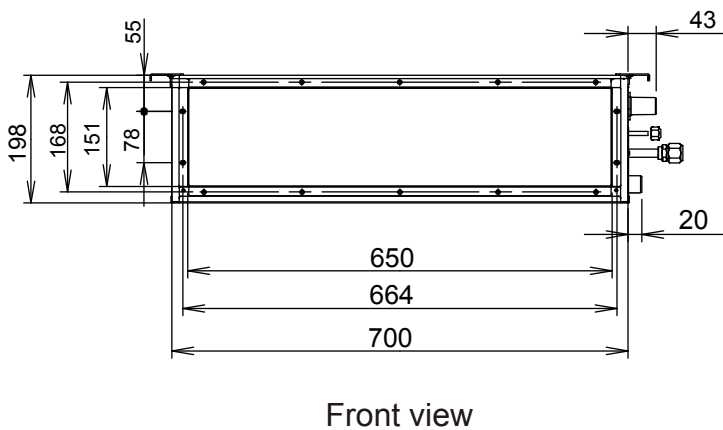
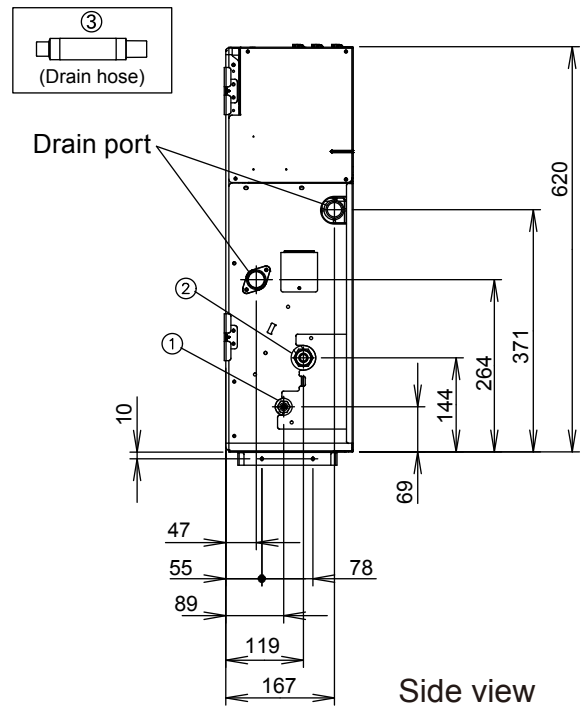
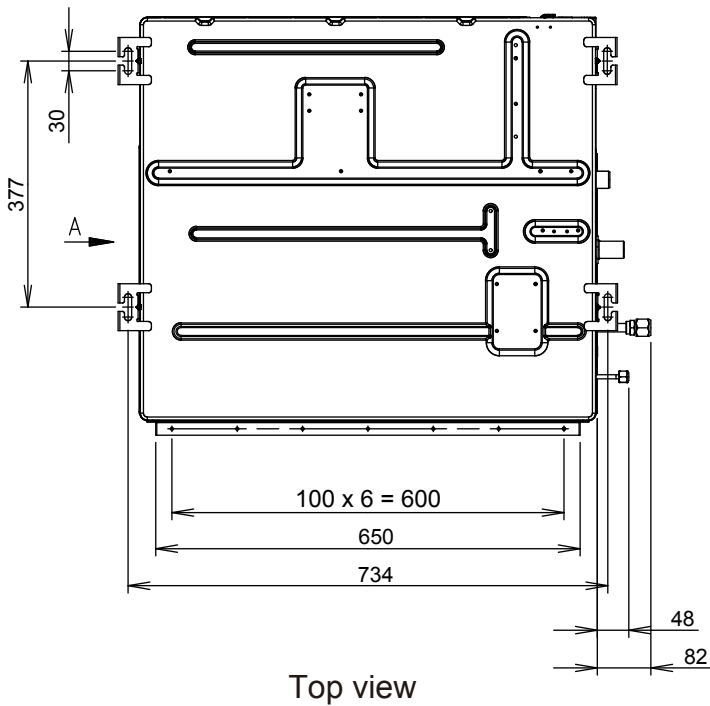
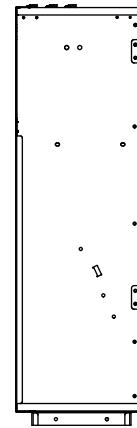
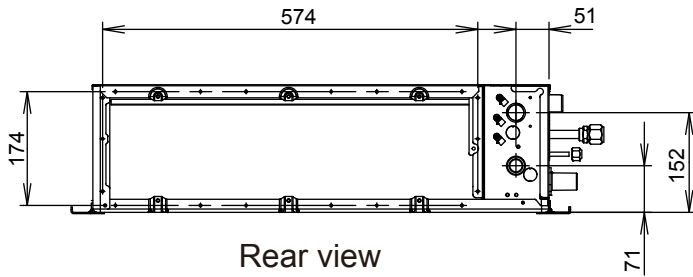


Side view

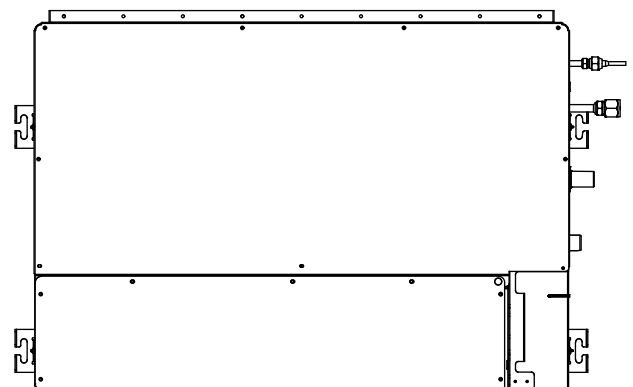
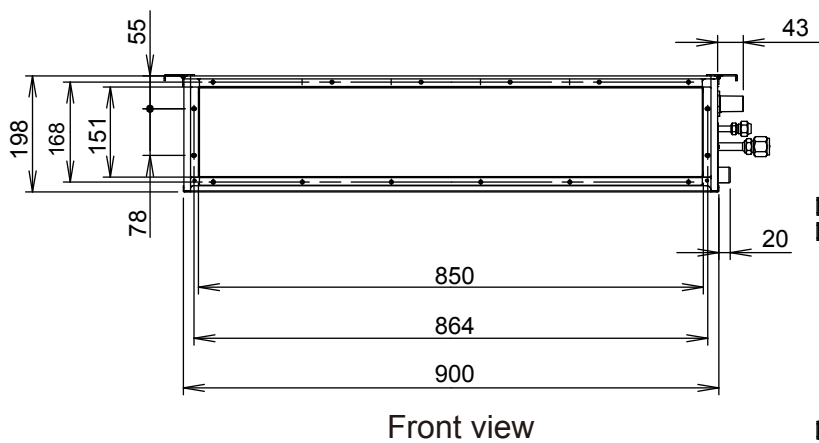
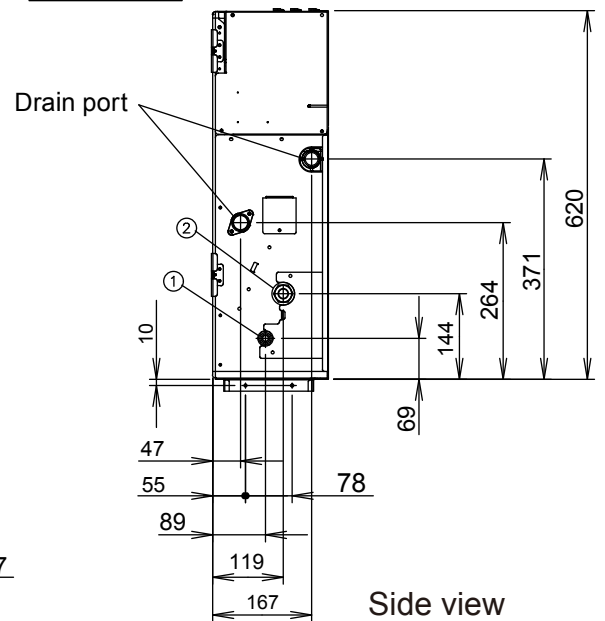
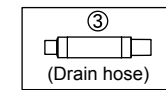
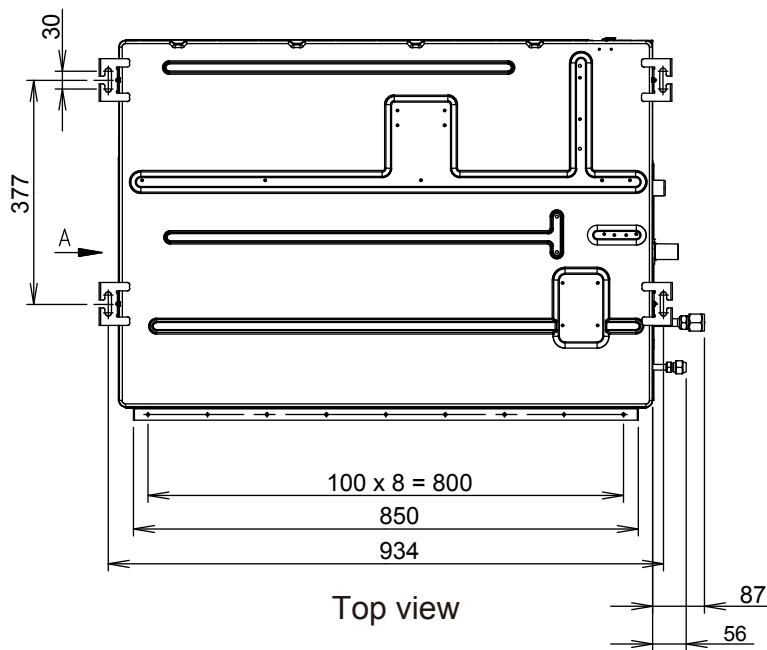
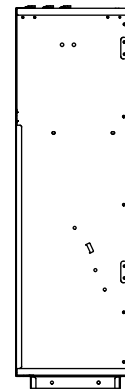
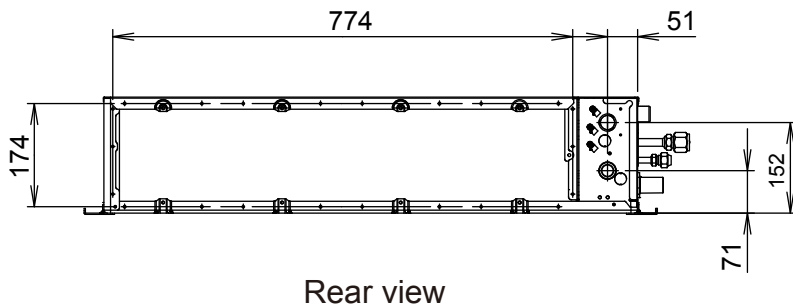
INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA
unit : mm

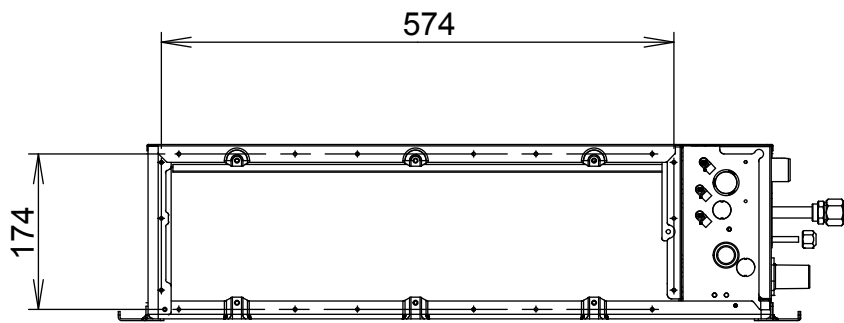


INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
(Serial number : T)
Unit : mm

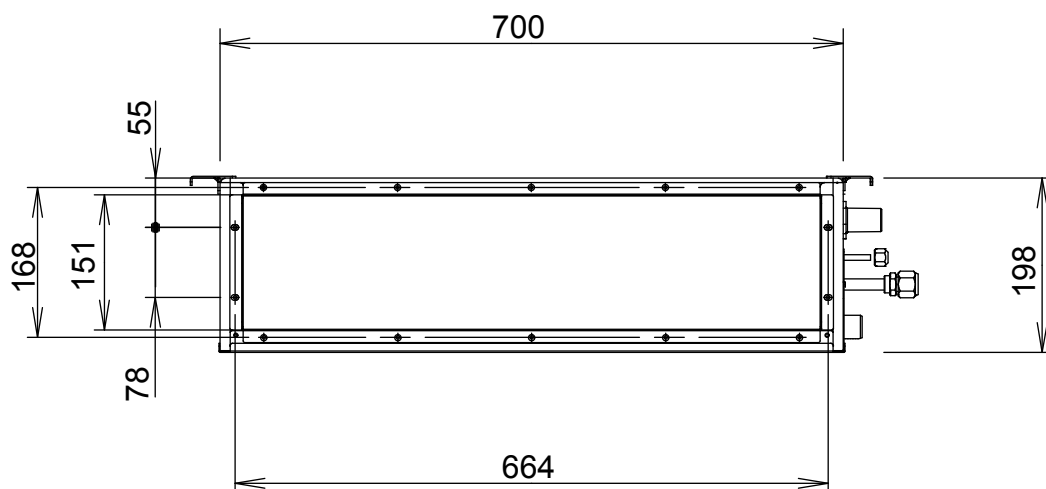
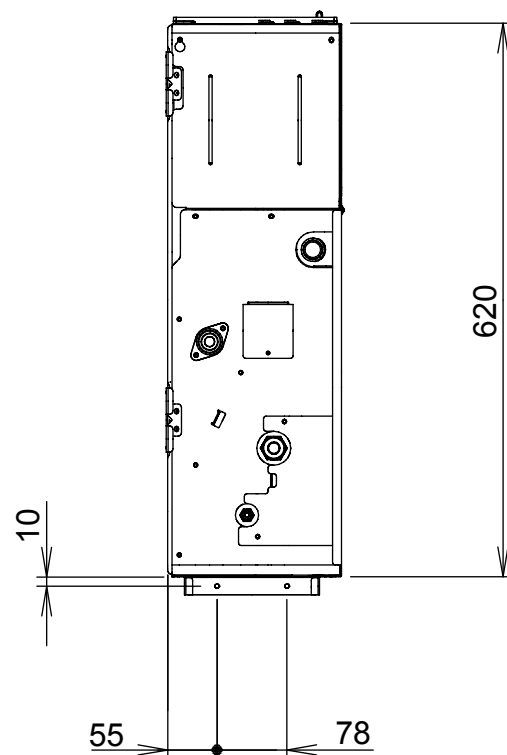
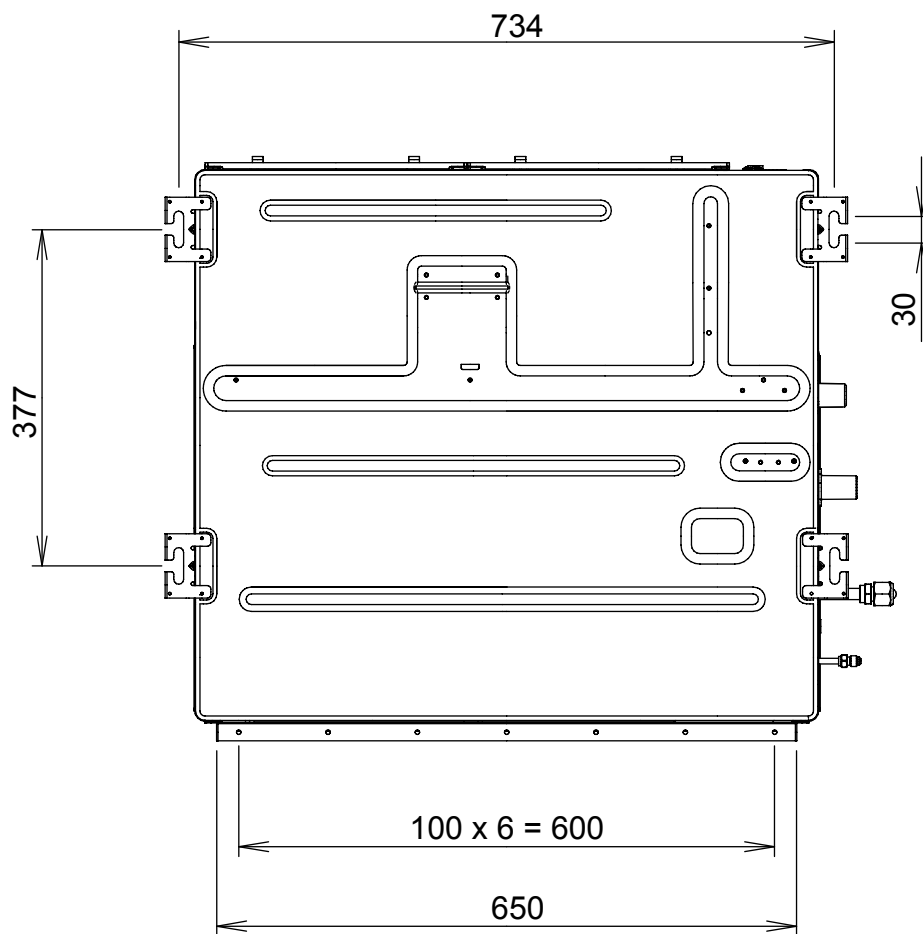


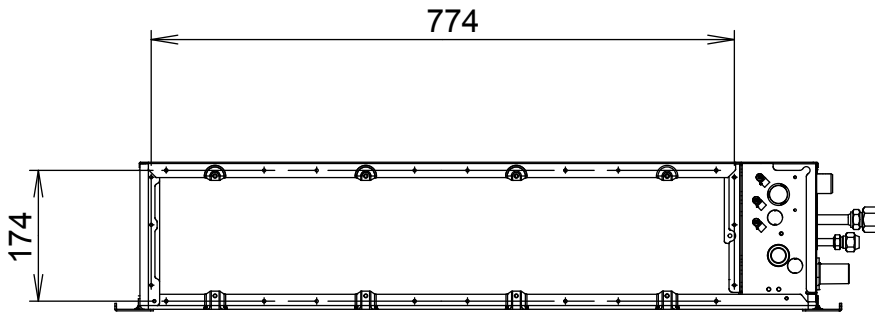
INDOOR UNIT
SLIM DUCT
RDG18LLTA
(Serial number : T)
Unit : mm



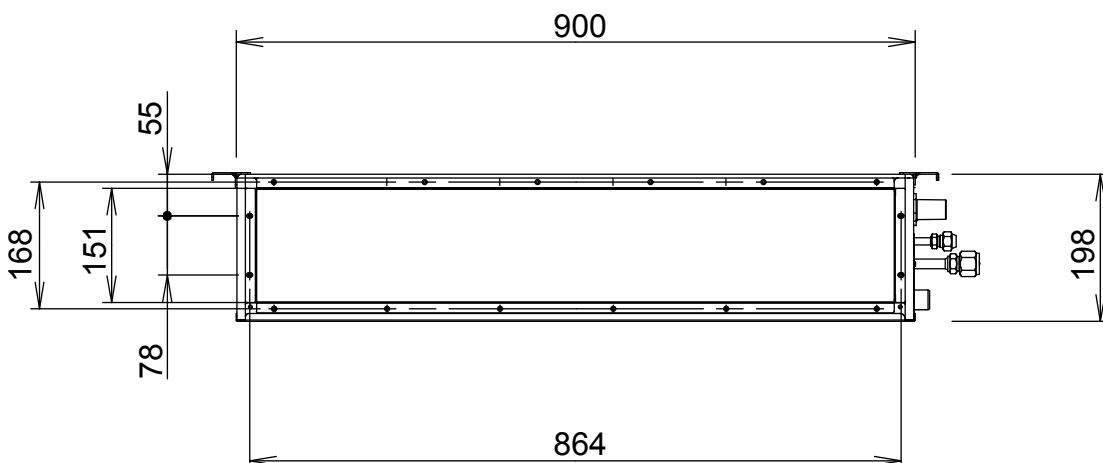
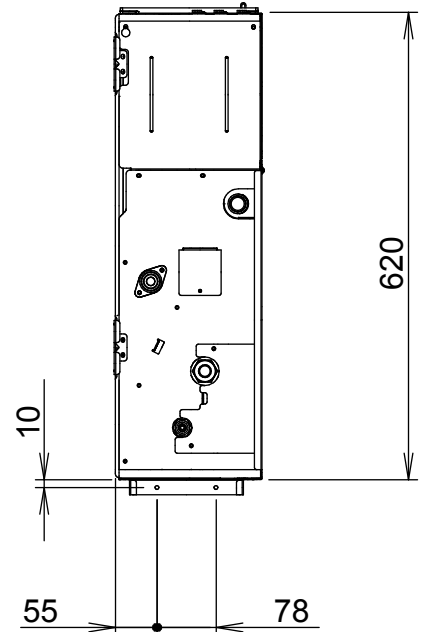
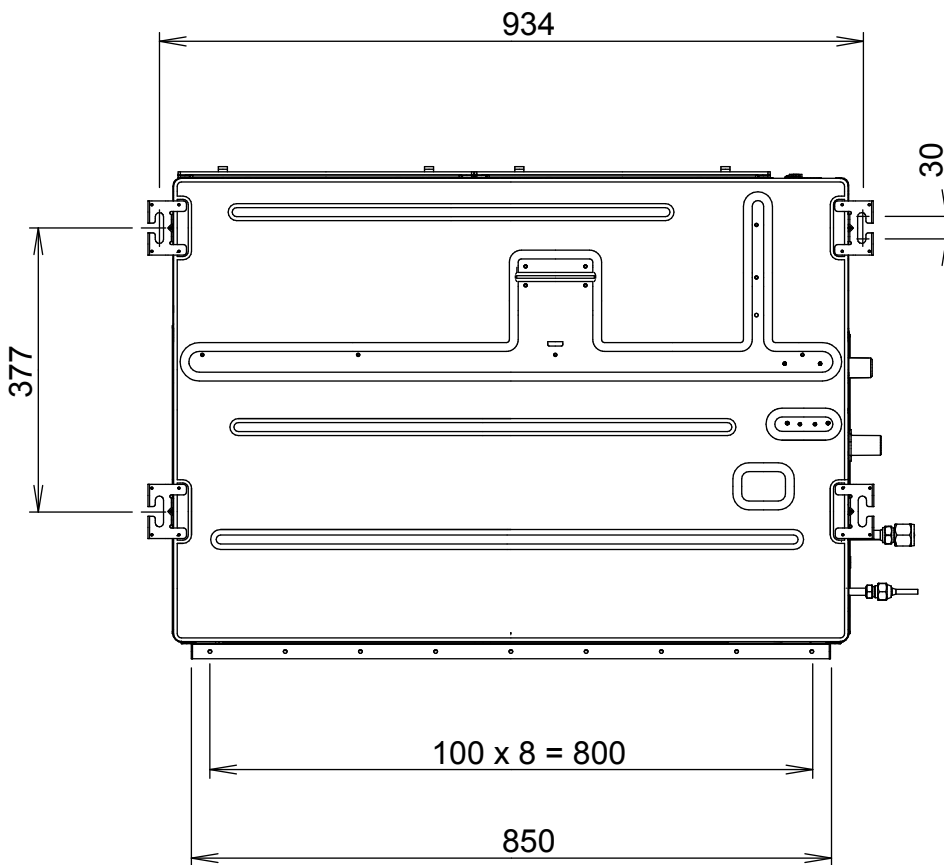


INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
(Serial number : R)
Unit : mm

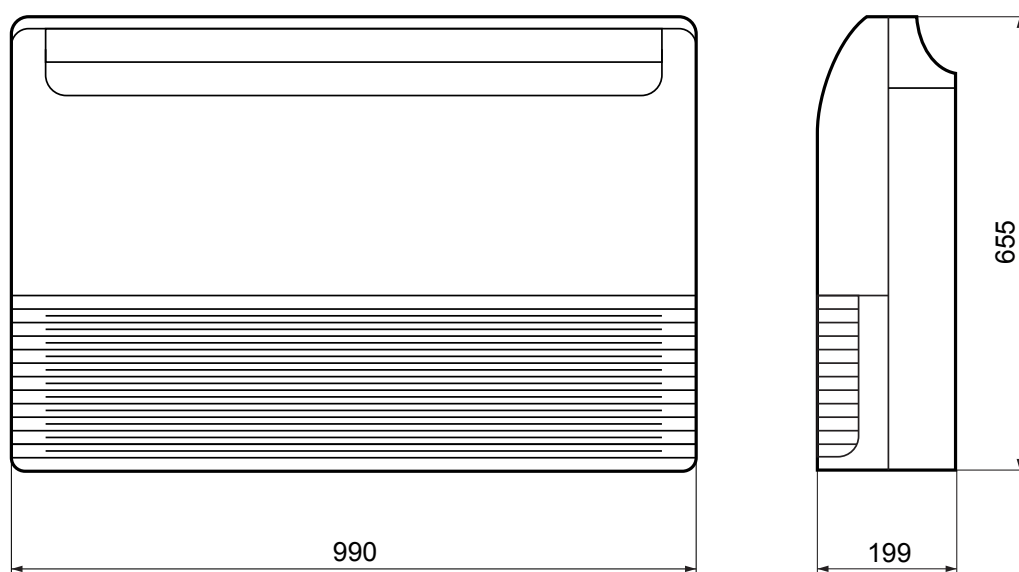




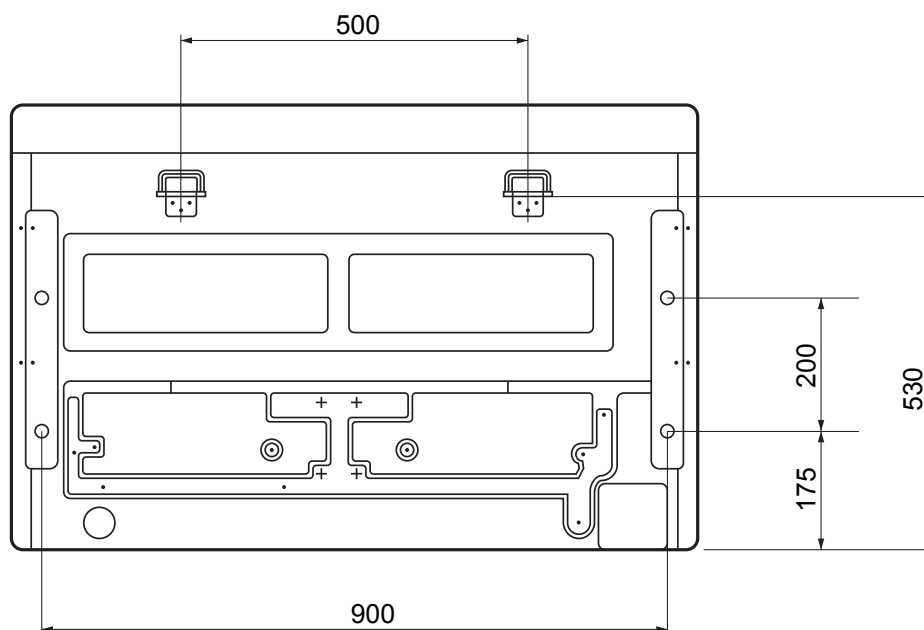
INDOOR UNIT
SLIM DUCT
RDG18LLTA
(Serial number : R)
Unit : mm



INDOOR UNIT
FLOOR/CEILING
RYG14LVTA
RYG18LVTA
Unit : mm

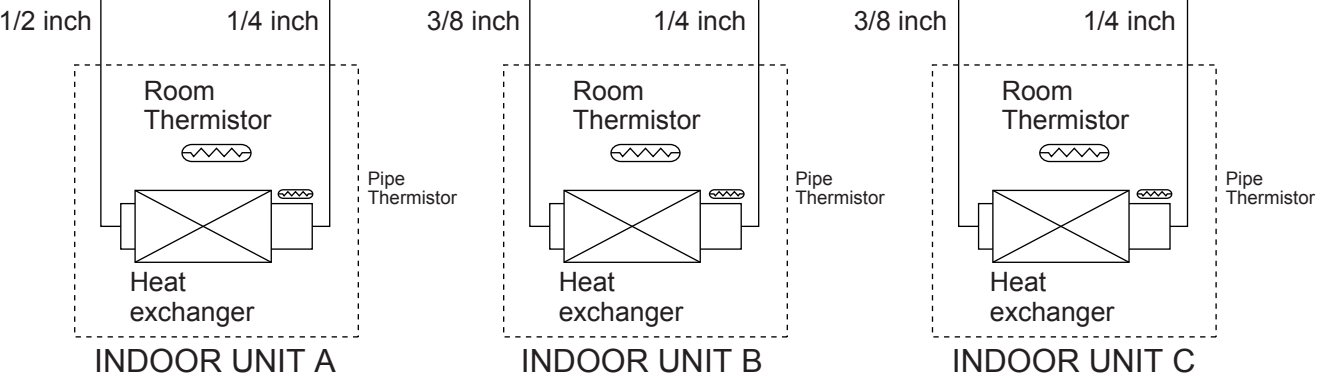
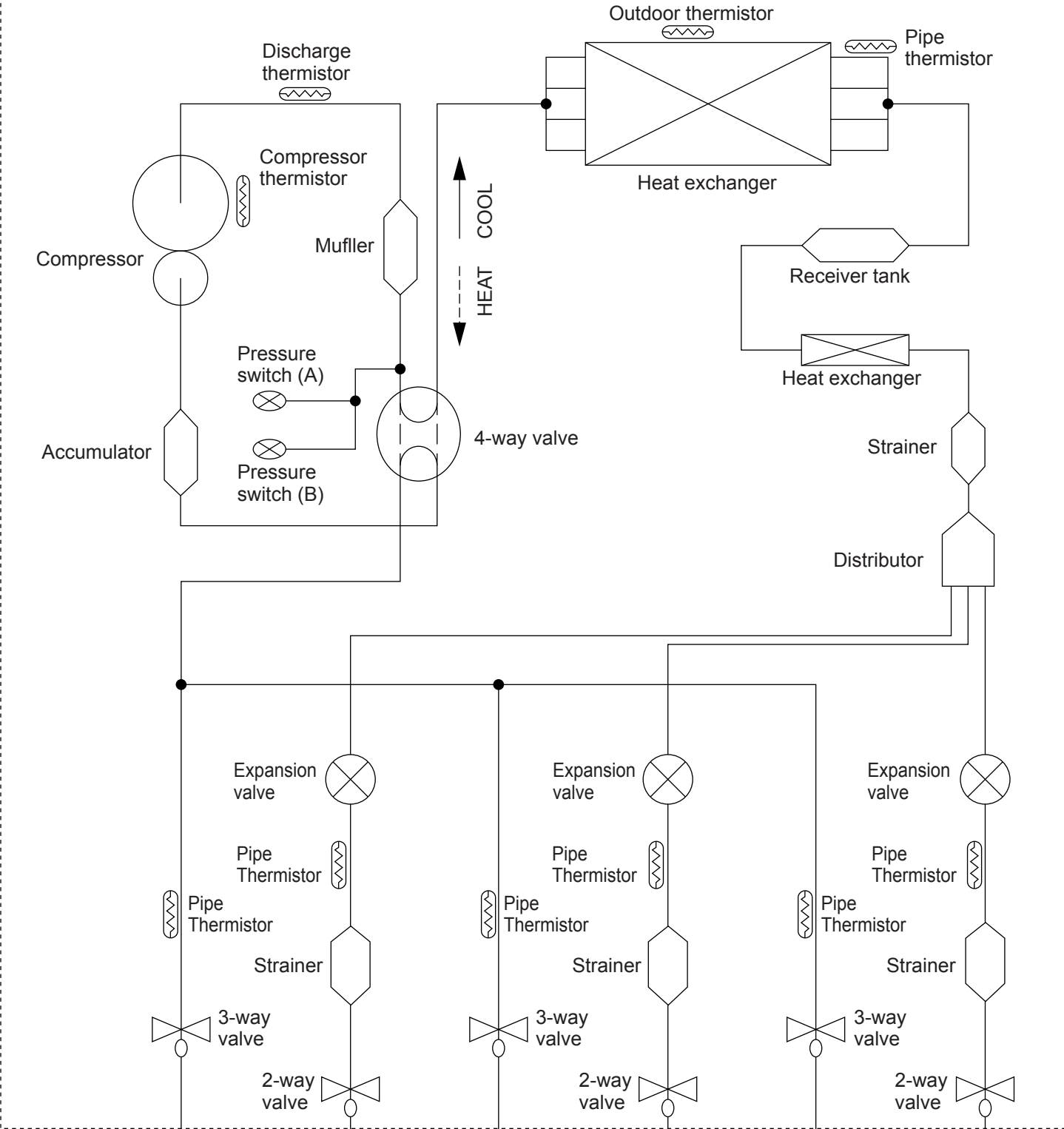


Rear view



REFRIGERANT SYSTEM DIAGRAM

OUTDOOR UNIT



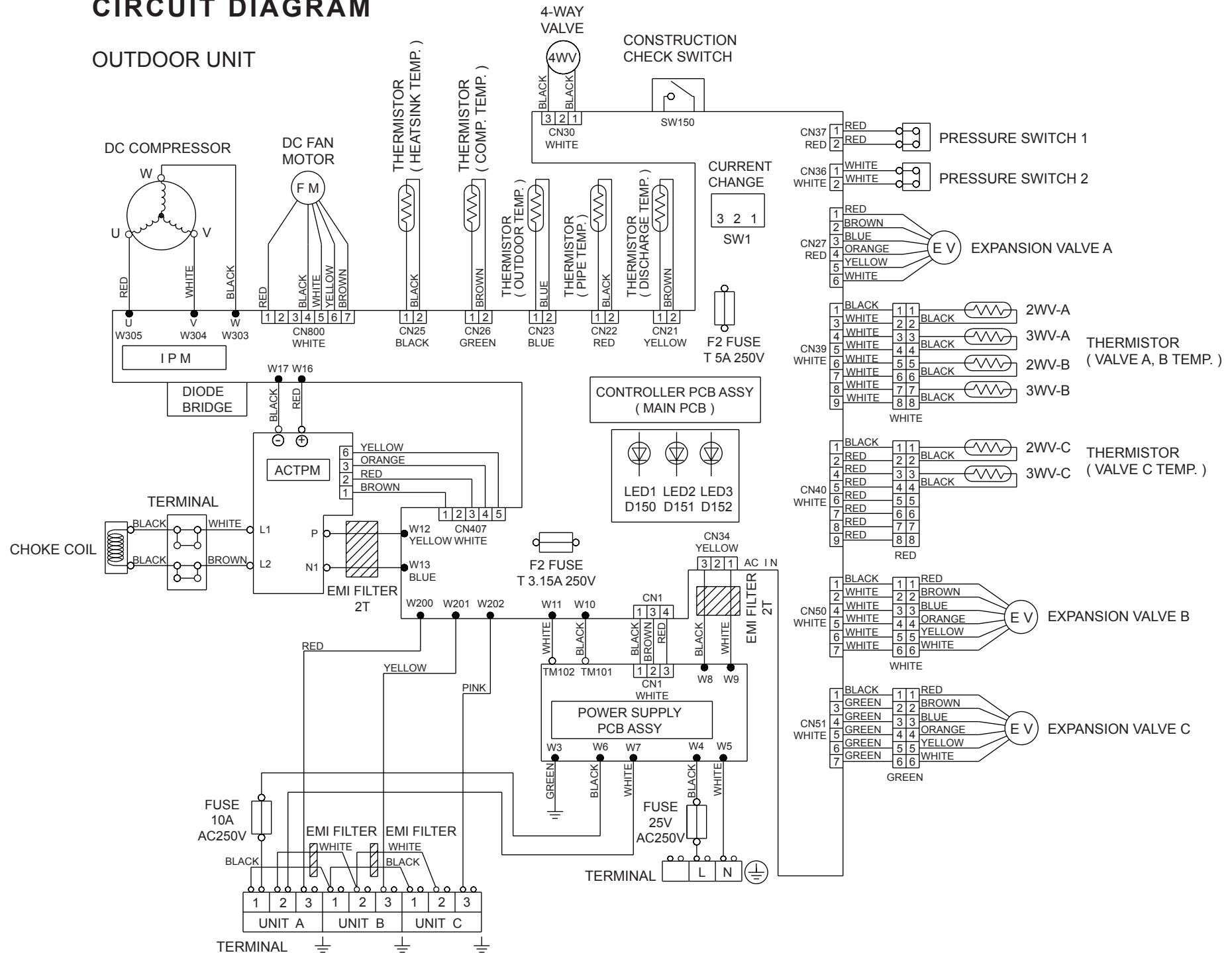
INDOOR UNIT A

INDOOR UNIT B

INDOOR UNIT C

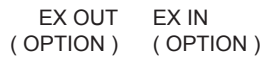
CIRCUIT DIAGRAM

OUTDOOR UNIT



UTY-XCBXZ1
(OPTION)

REMOTE CONTROL
(OPTION)



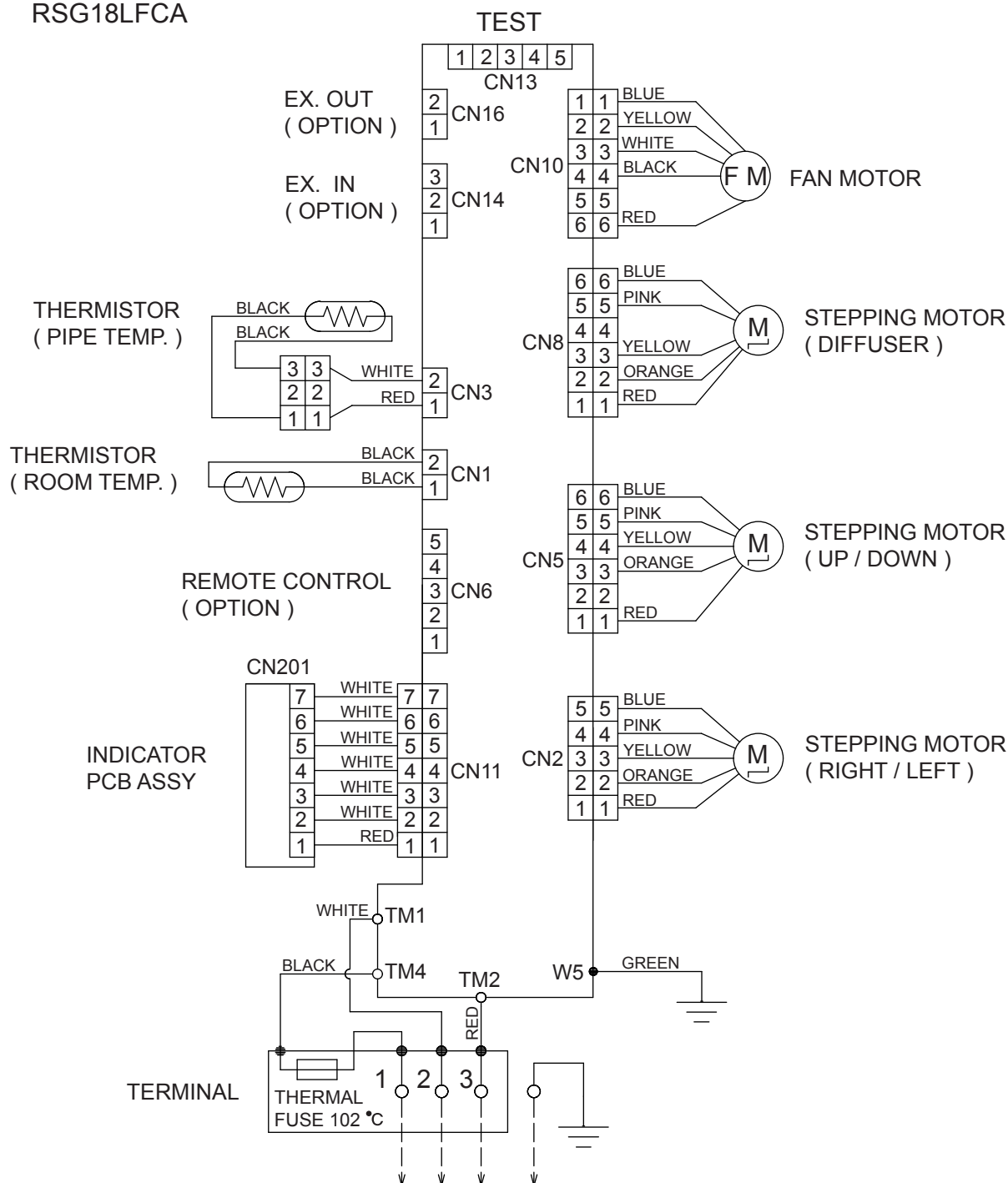
INDOOR UNIT
COMPACT WALL MOUNTED
RSG07LJCA
RSG09LJCA
RSG12LJCA

TO COMMUNICATION
BOARD (OPTION)

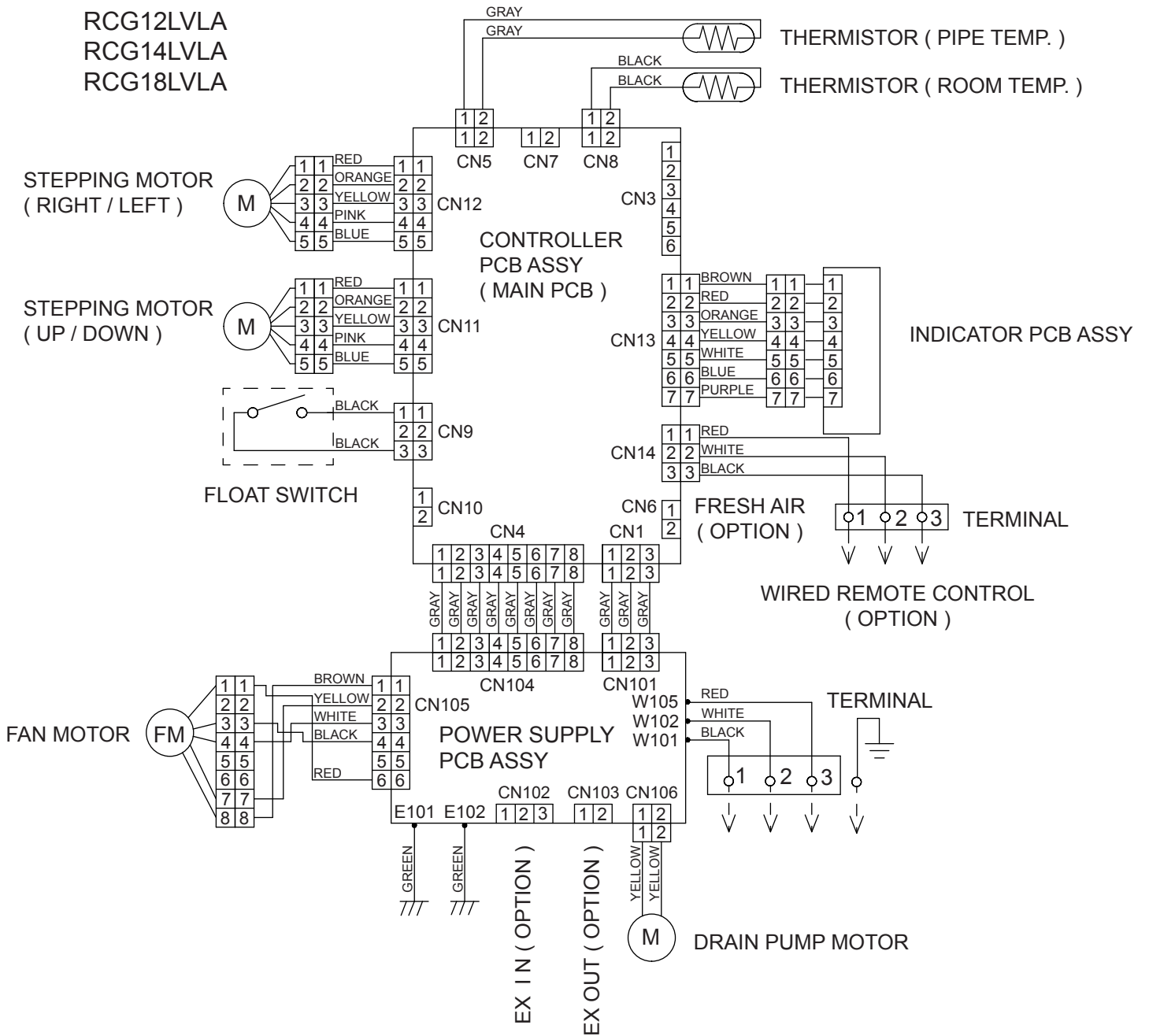


INDOOR UNIT
WALL MOUNTED
RSG18LFCA

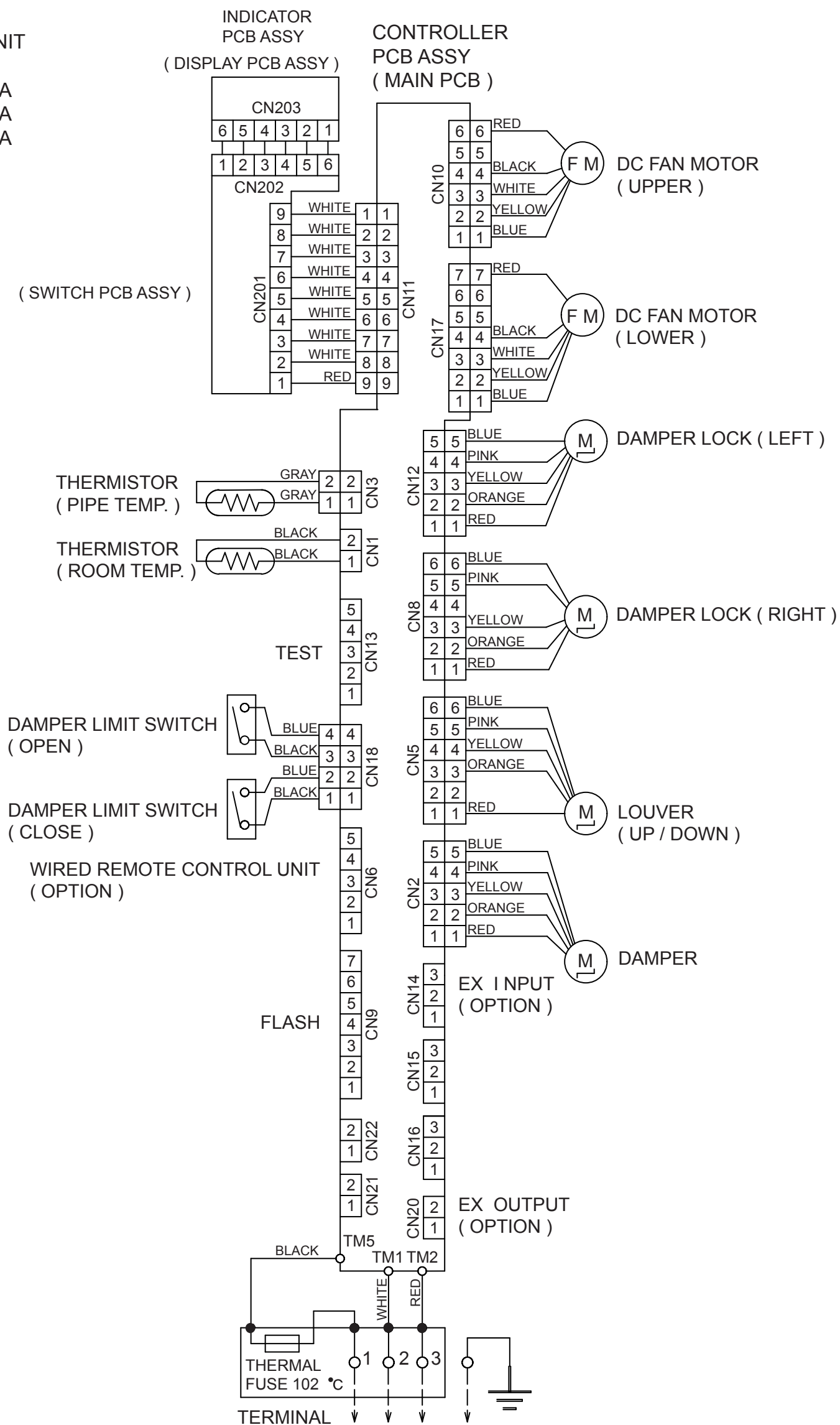
CONTROLLER PCB ASSY (MAIN PCB)



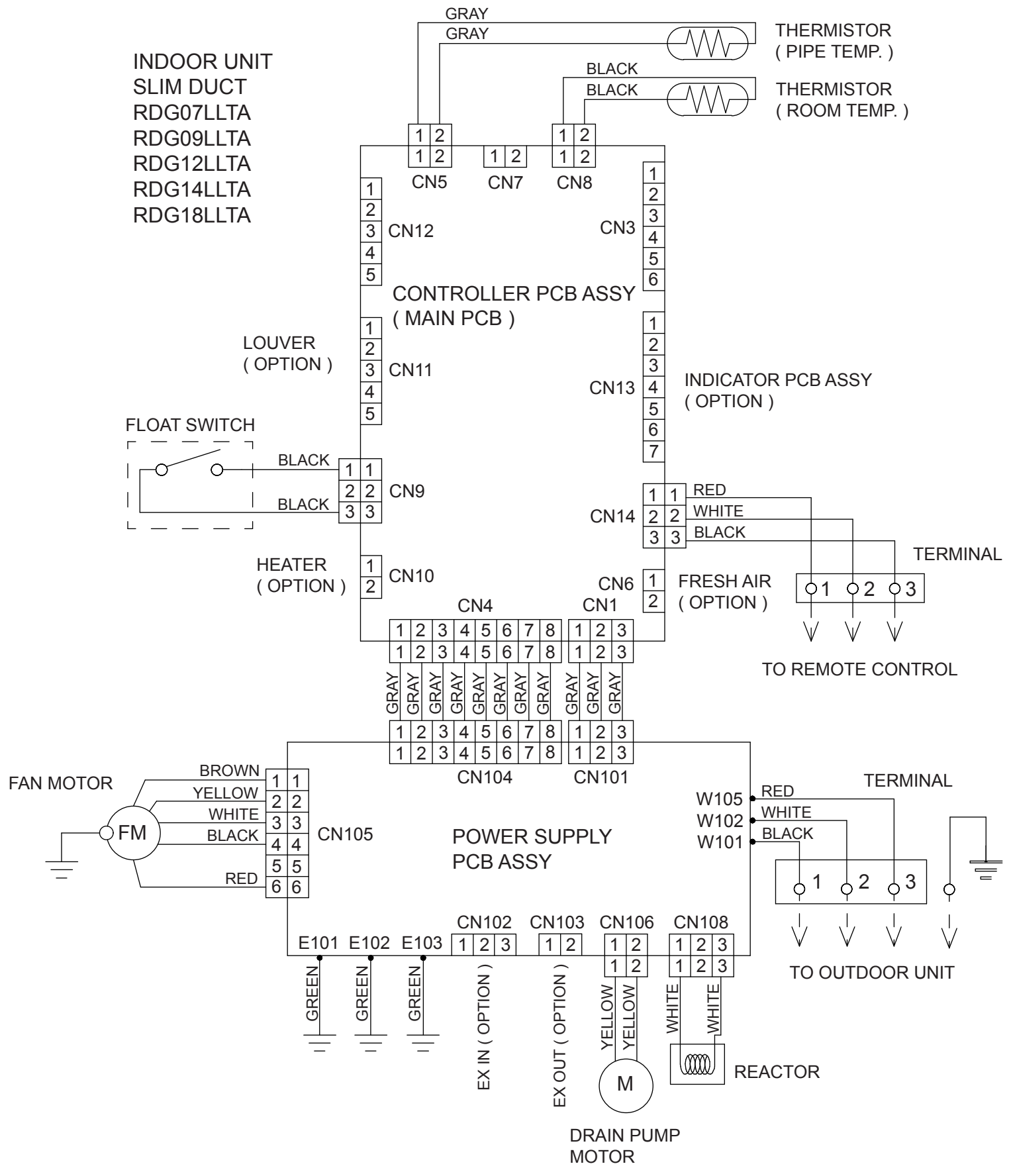
INDOOR UNIT
 COMPACT CASSETTE
 RCG07LVLA
 RCG09LVLA
 RCG12LVLA
 RCG14LVLA
 RCG18LVLA



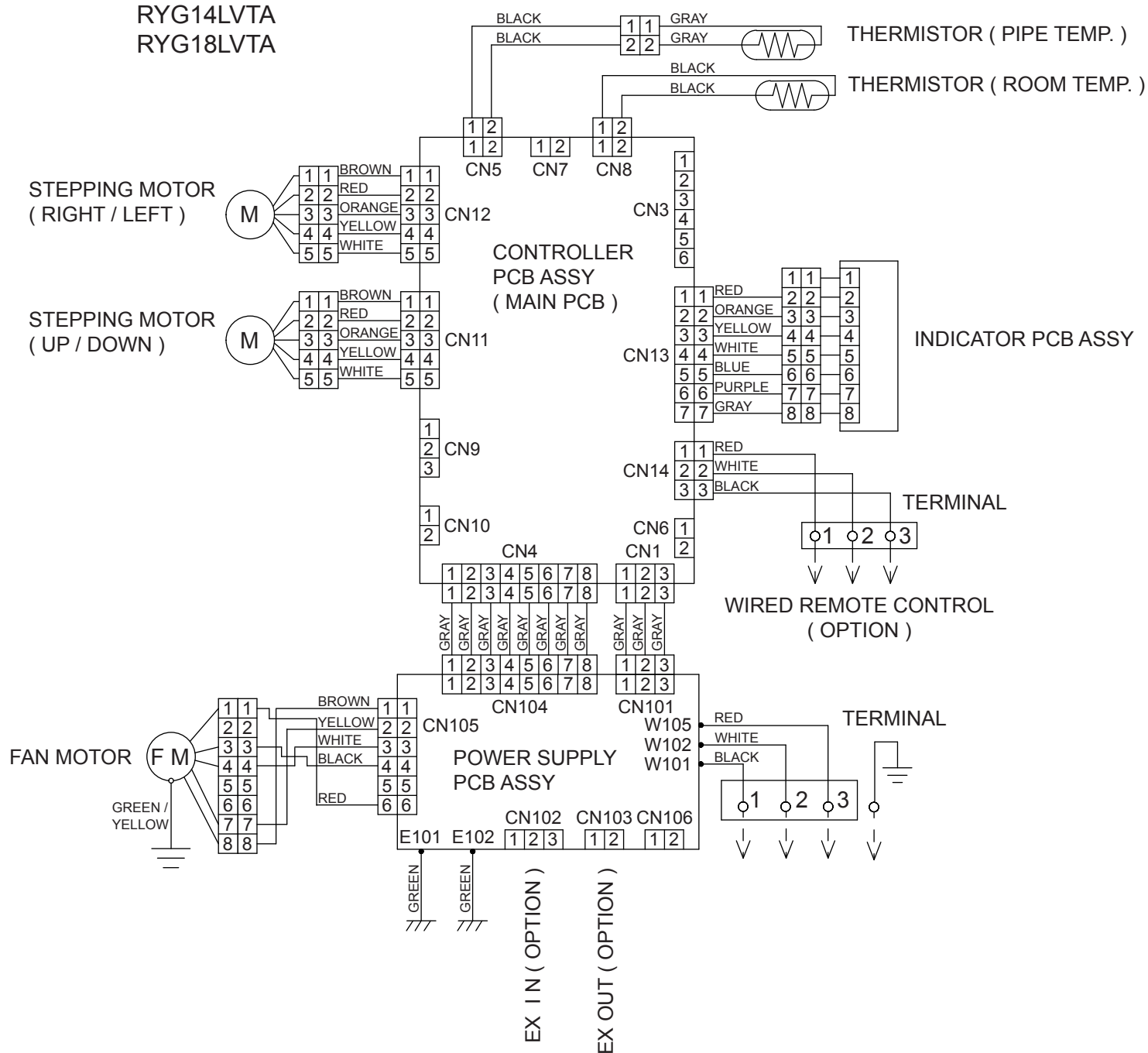
INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA



INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
RDG18LLTA



INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA

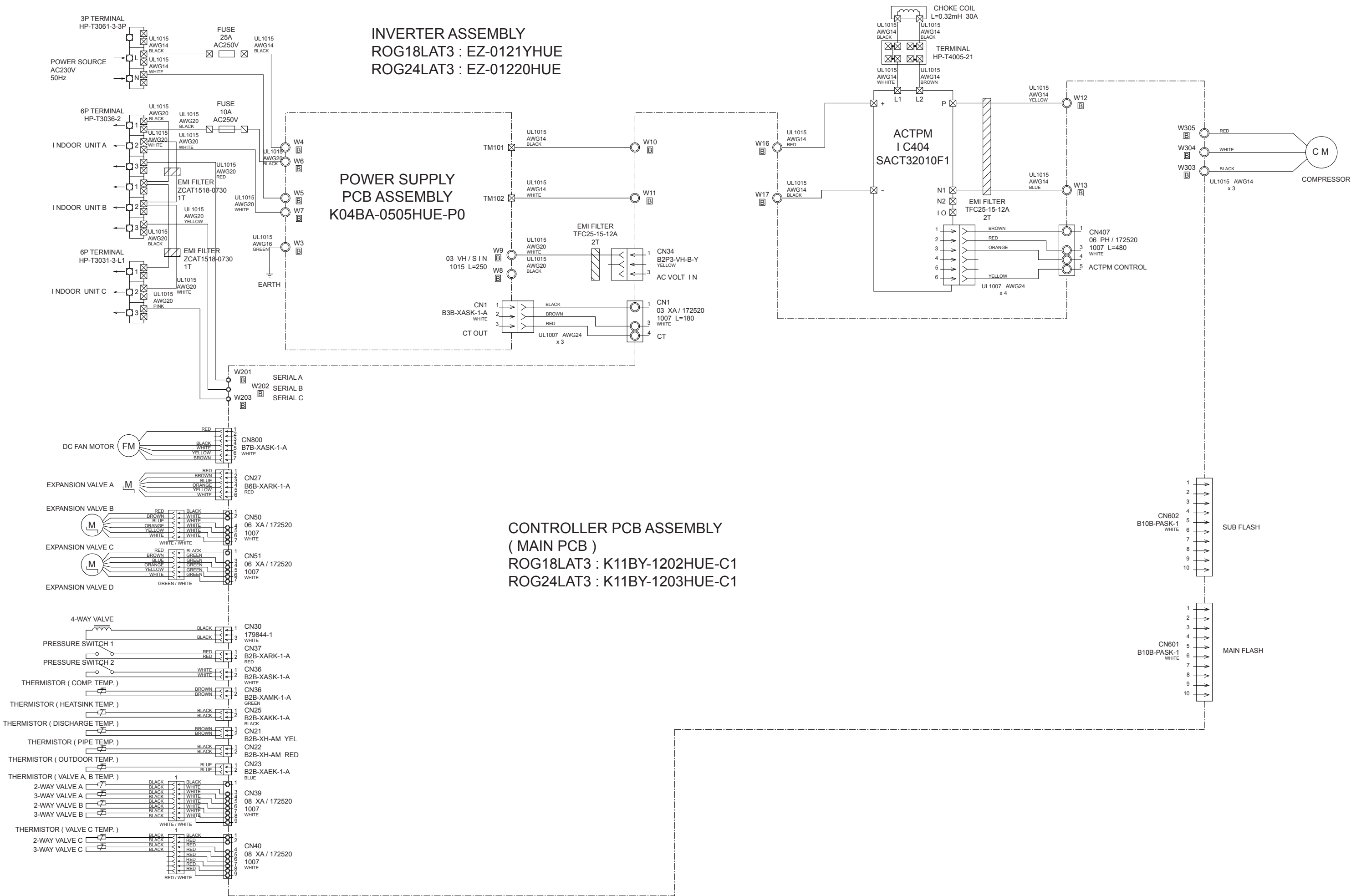


OUTDOOR PCB CIRCUIT DIAGRAM

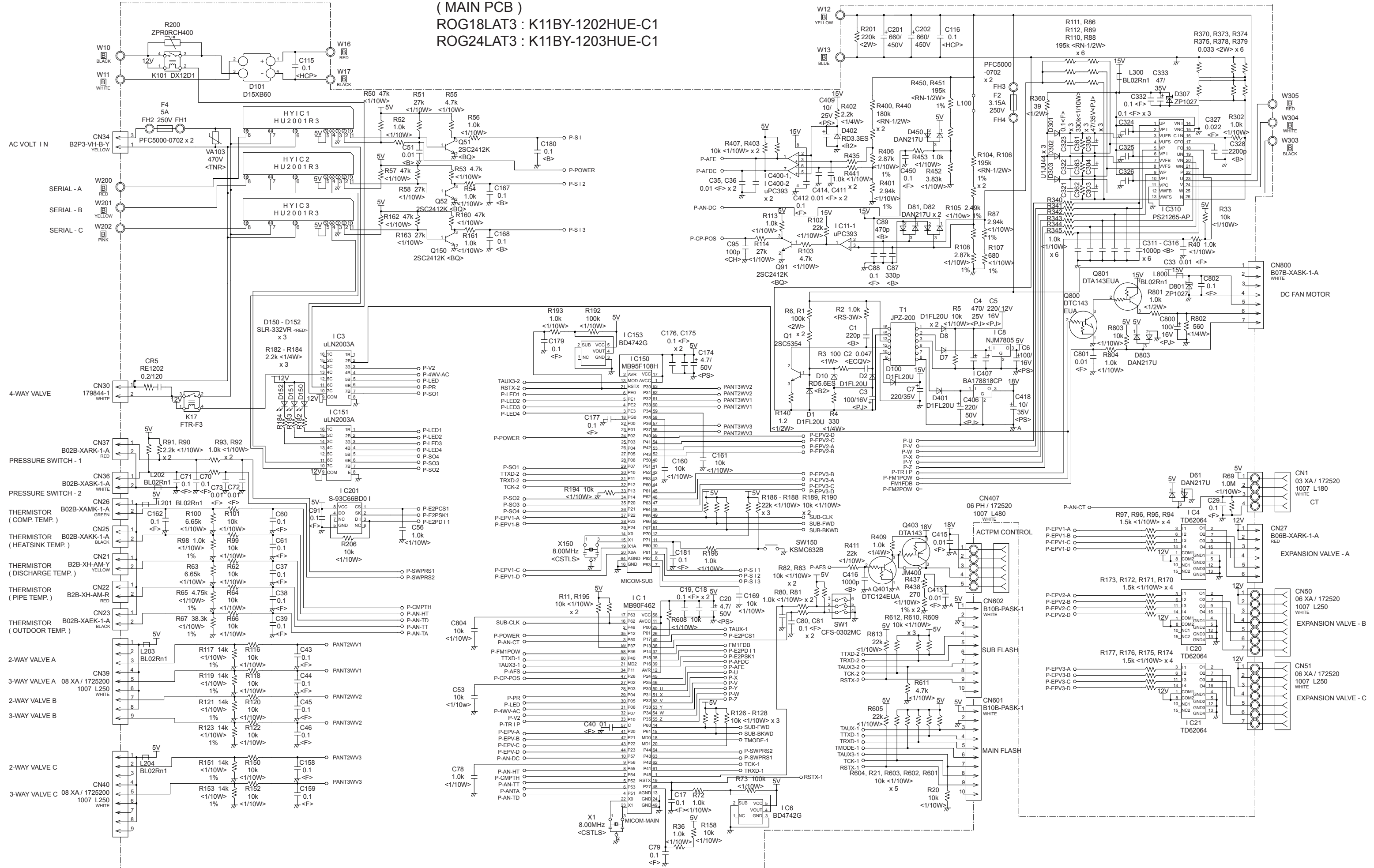
INVERTER ASSEMBLY
ROG18LAT3 : EZ-0121YHUE
ROG24LAT3 : EZ-01220HUE

POWER SUPPLY
PCB ASSEMBLY
K04BA-0505HUE-P0

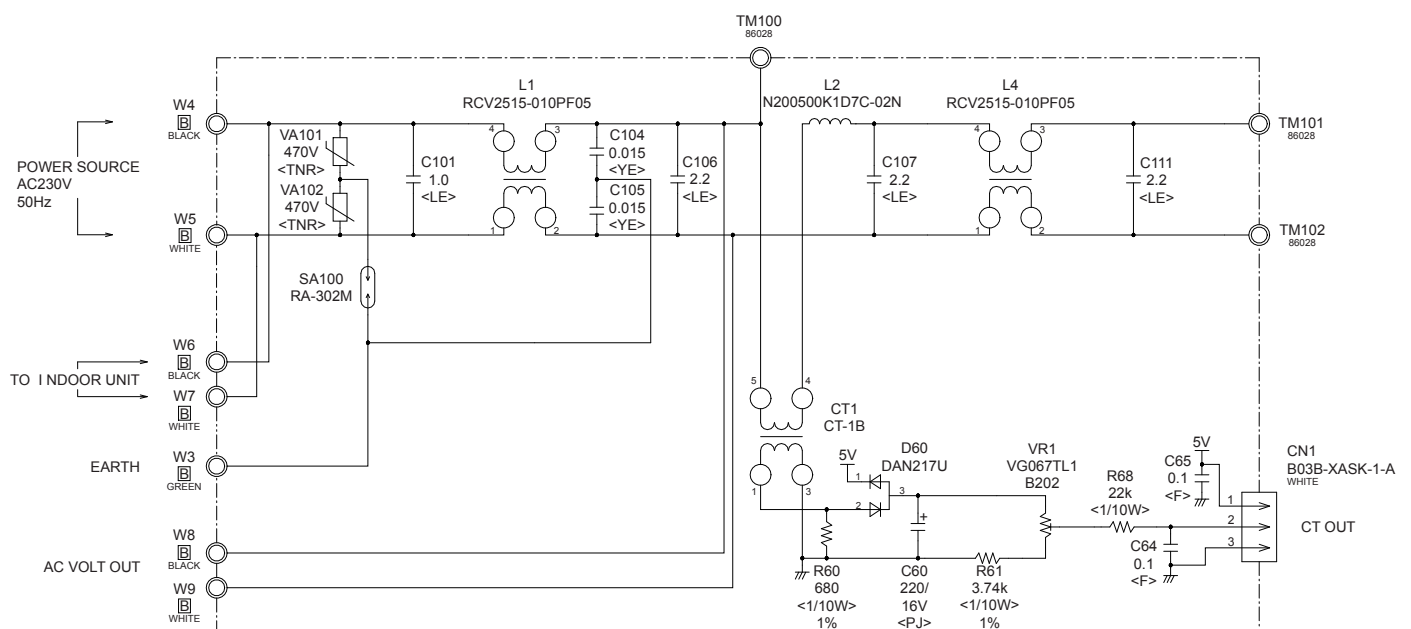
CONTROLLER PCB ASSEMBLY
(MAIN PCB)
ROG18LAT3 : K11BY-1202HUE-C1
ROG24LAT3 : K11BY-1203HUE-C1



OUTDOOR UNIT
CONTROLLER PCB ASSEMBLY
(MAIN PCB)
ROG18LAT3 : K11BY-1202HUE-C1
ROG24LAT3 : K11BY-1203HUE-C1

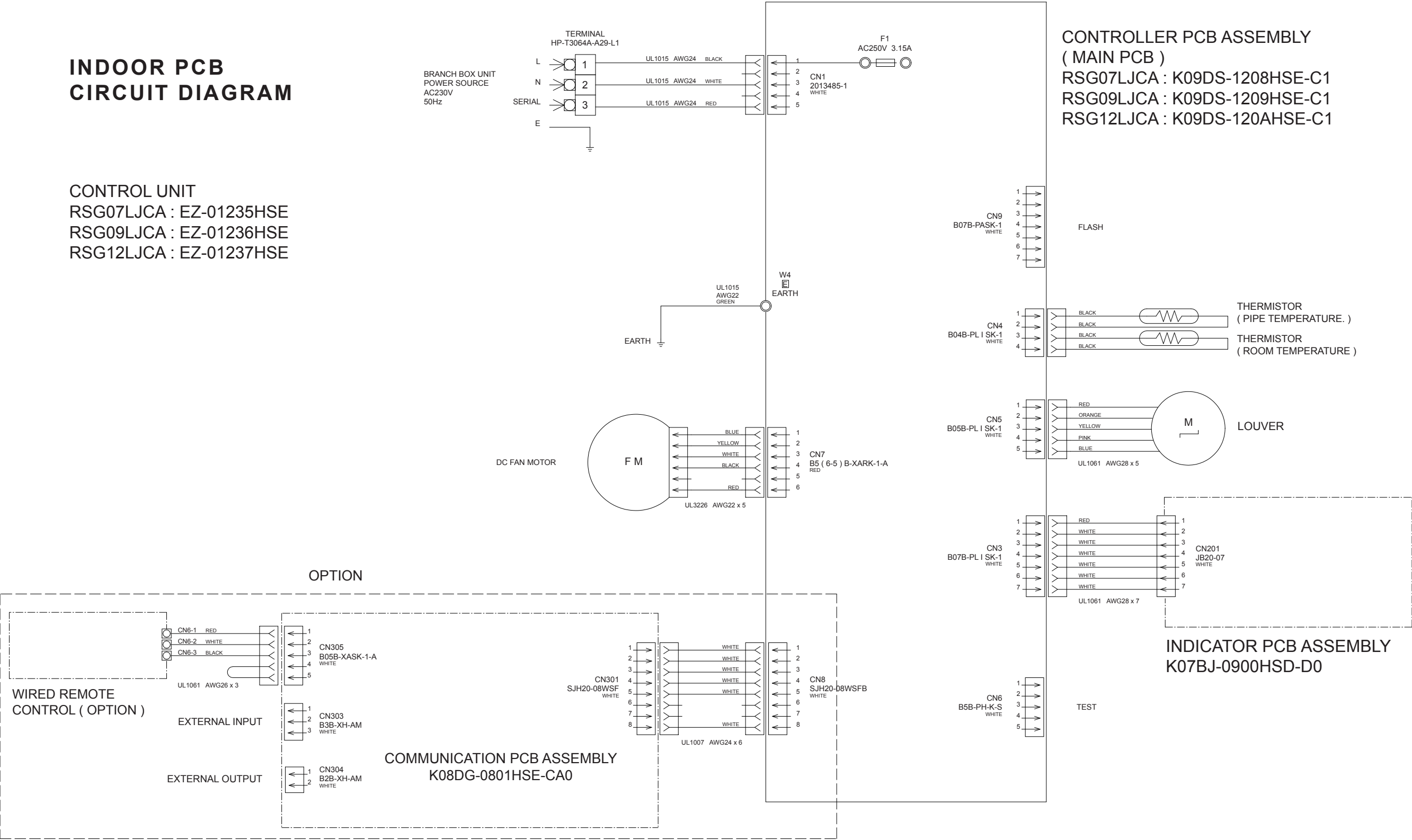


OUTDOOR UNIT
POWER SUPPLY PCB ASSEMBLY
K04BA-0505HUE-P0

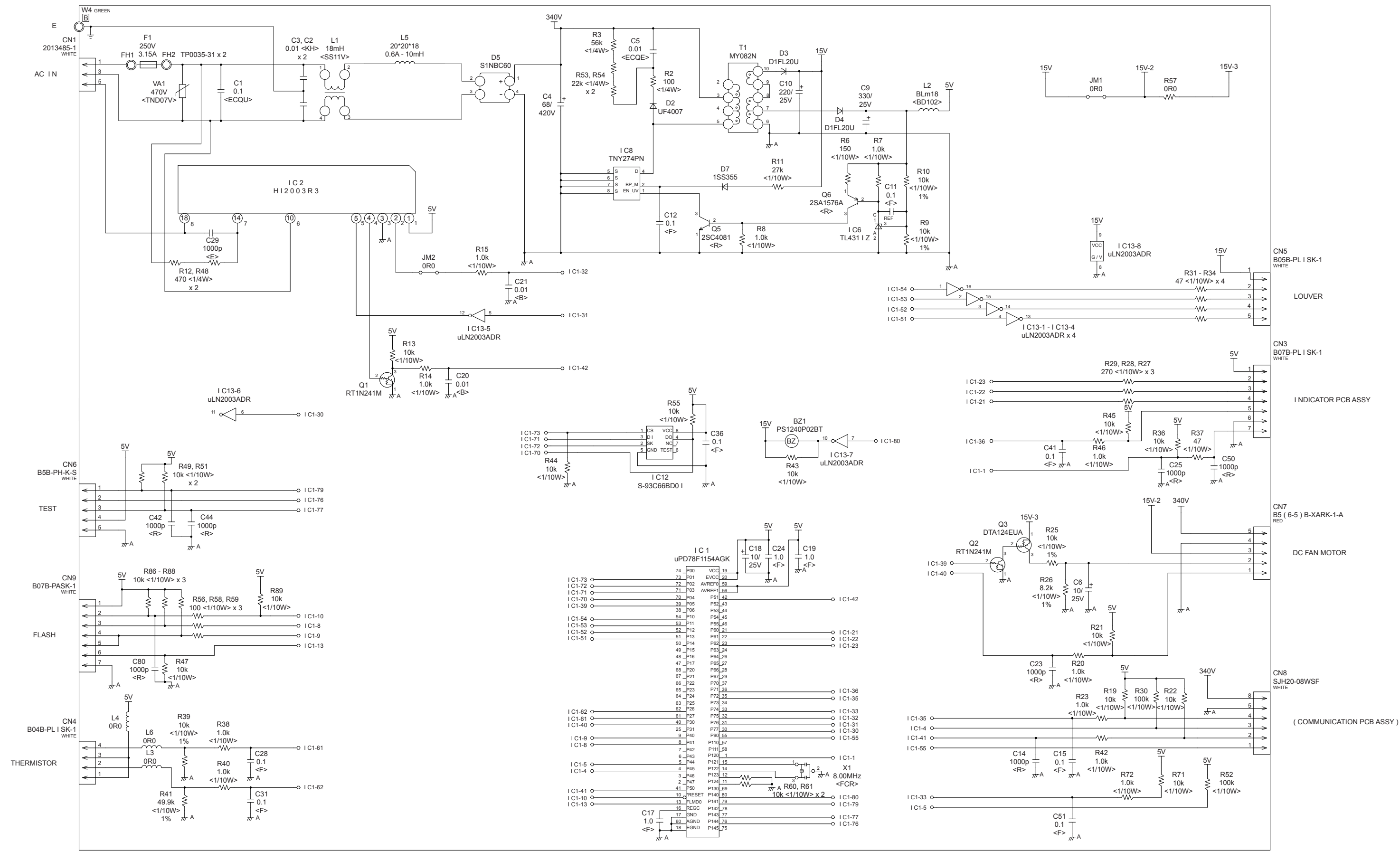


INDOOR PCB
CIRCUIT DIAGRAM

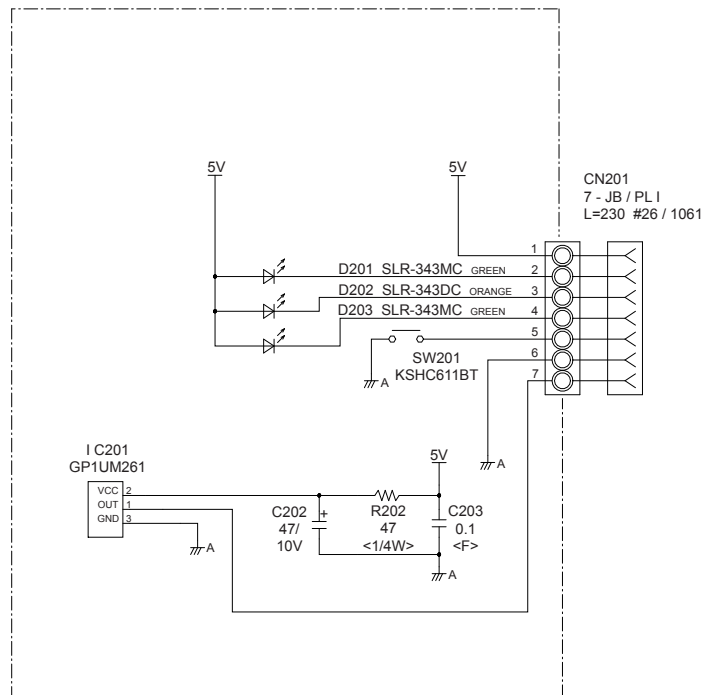
CONTROL UNIT
RSG07LJCA : EZ-01235HSE
RSG09LJCA : EZ-01236HSE
RSG12LJCA : EZ-01237HSE



INDOOR UNIT
COMPACT WALL MOUNTED
CONTROLLER PCB ASSEMBLY
(MAIN PCB)
RSG07LJCA : K09DS-1208HSE-C1
RSG09LJCA : K09DS-1209HSE-C1
RSG12LJCA : K09DS-120AHSE-C1

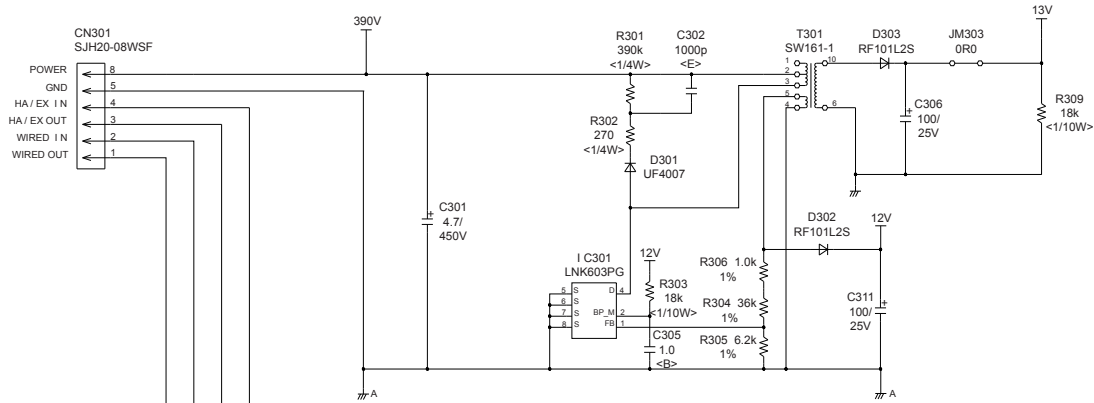


INDOOR UNIT
 COMPACT WALL MOUNTED
 RSG07LJCA
 RSG09LJCA
 RSG12LJCA
 INDICATOR PCB ASSEMBLY
 K07BJ-0900HSD-D0

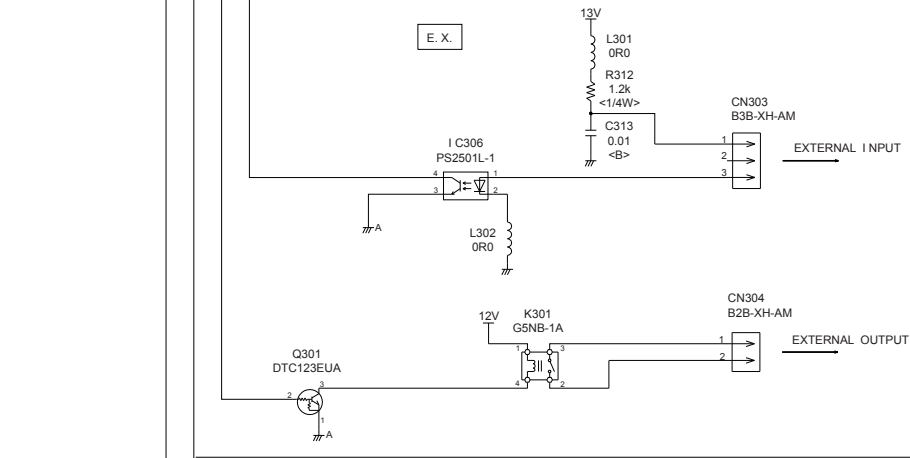


TO CONTROLLER PCB ASSEMBLY

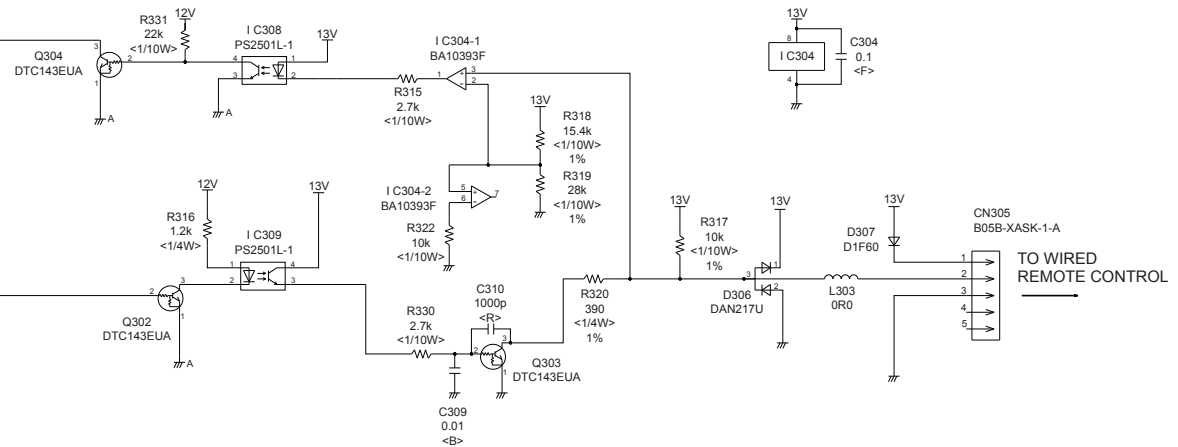
POWER



E. X.



WIRED REMOTE CONTROL UNIT



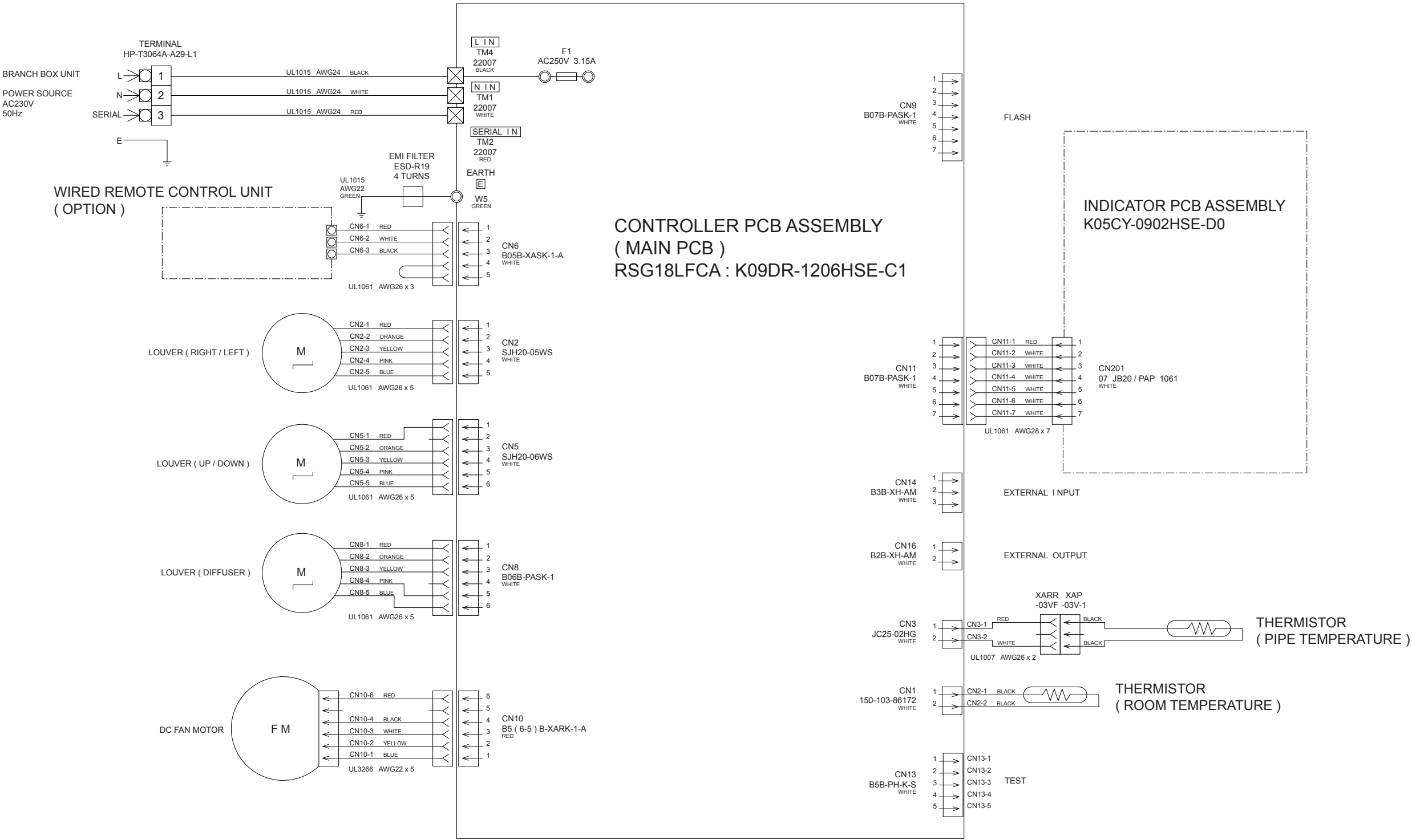
UTY-XCBXZ1

The limitation optional of RSG07, 09 and 12LJCA

COMMUNICATION PCB ASSEMBLY
K08DG-0801HSE-CA0

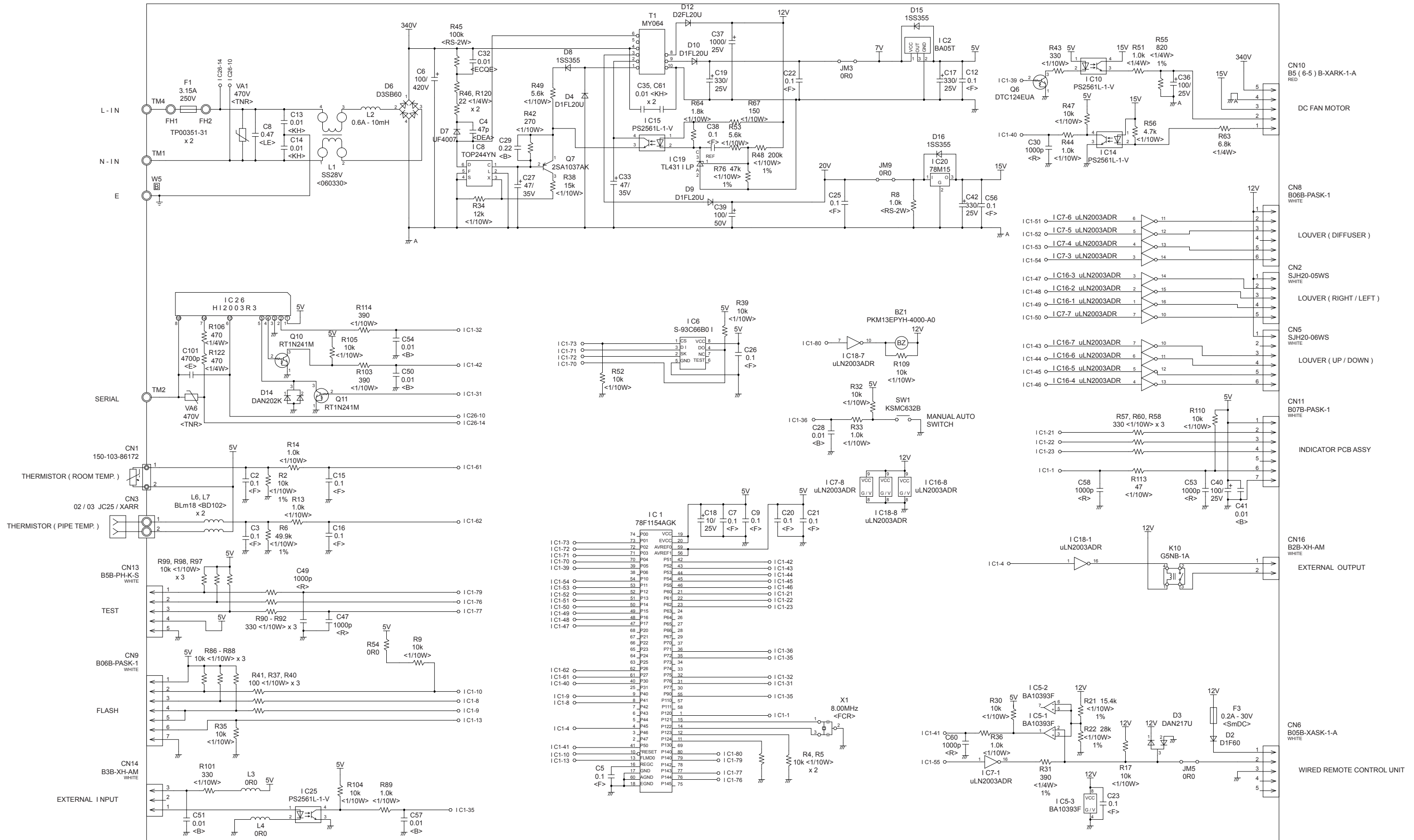
TO WIRED
REMOTE CONTROL

INDOOR UNIT
WALL MOUNTED
CONTROL UNIT
RSG18LFCA : EZ-01212HSE

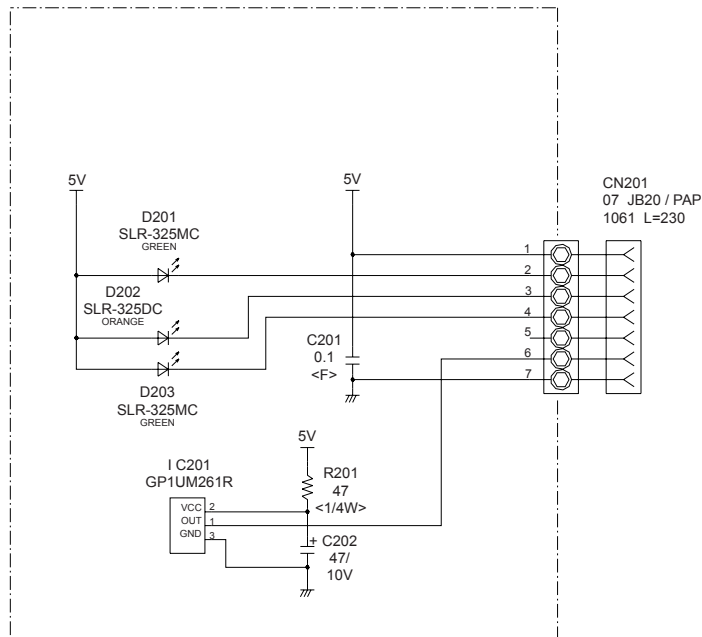


INDOOR UNIT
WALL MOUNTED
CONTROLLER PCB ASSEMBLY
(MAIN PCB)

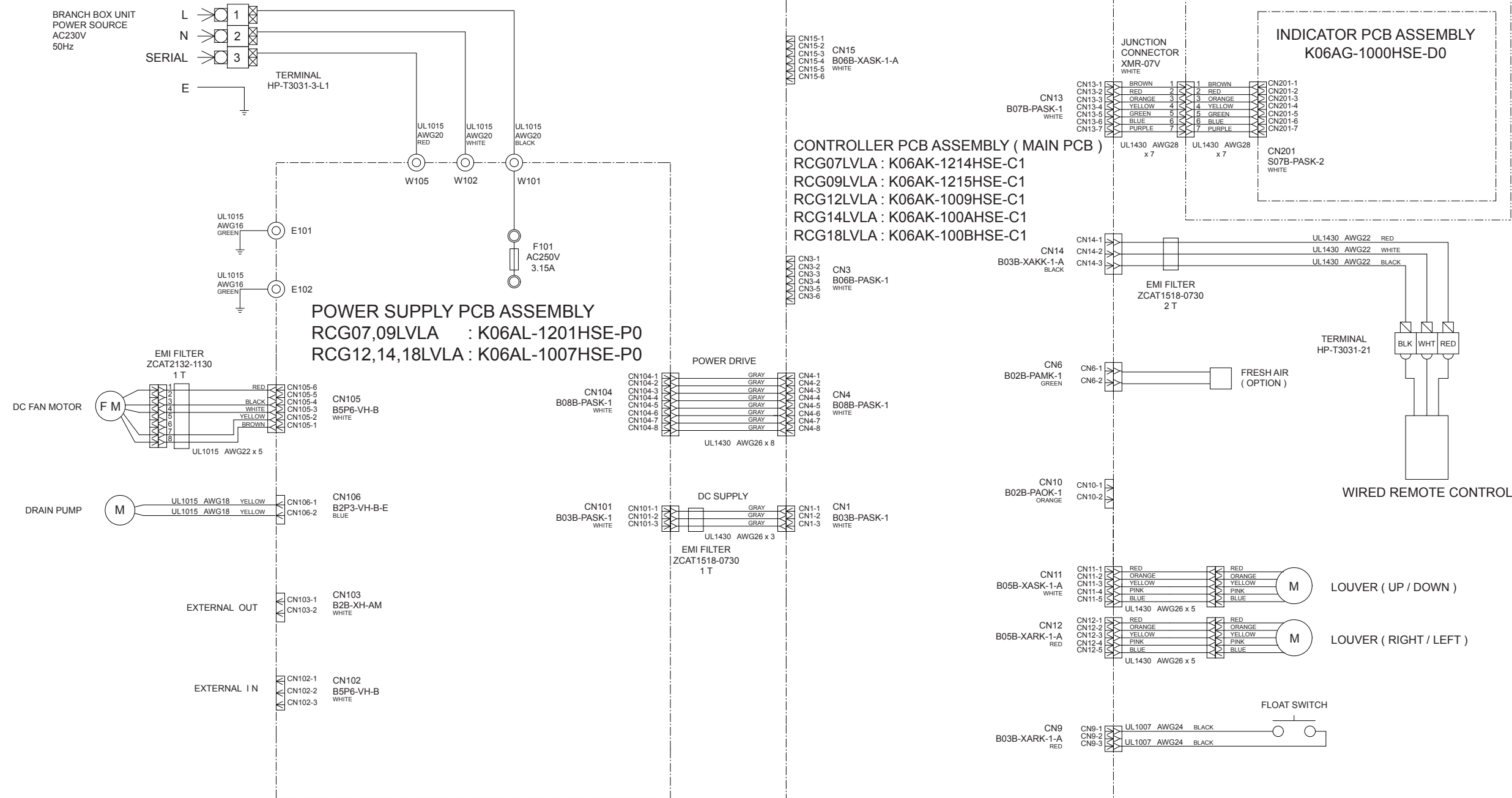
RSG18LFCA : K09DR-1206HSE-C1



INDOOR UNIT
WALL MOUNTED
RSG18LFCA
INDICATOR PCB ASSEMBLY
K05CY-0902HSE-D0

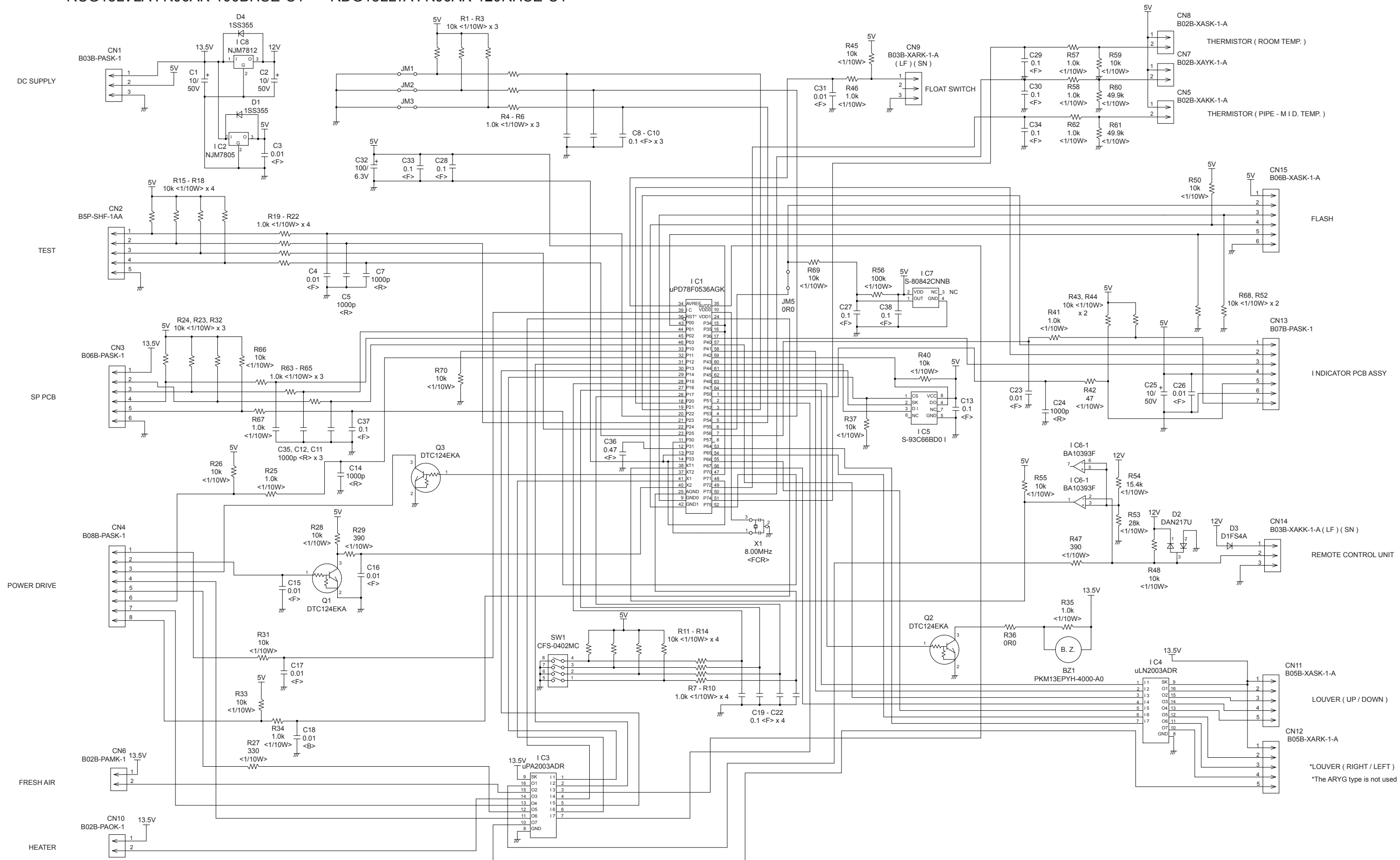


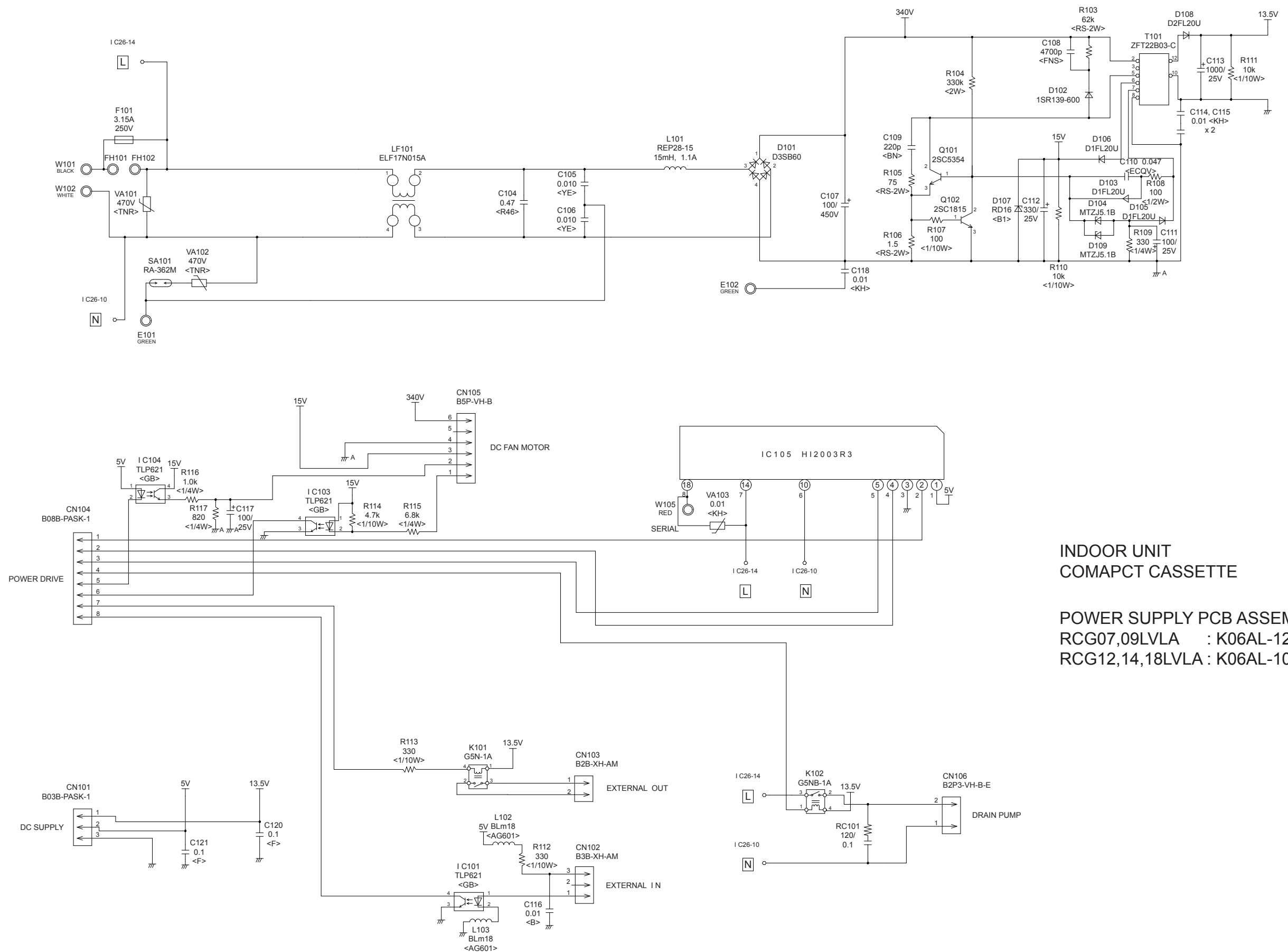
INDOOR UNIT
COMPACT CASSETTE
CONTROL UNIT
RCG07LVLA : EZ-0122FHSE
RCG09LVLA : EZ-0122GHSE
RCG12LVLA : EZ-01006HSE
RCG14LVLA : EZ-01007HSE
RCG18LVLA : EZ-01008HSE



INDOOR UNIT
CONTROLLER PCB ASSEMBLY (MAIN PCB)

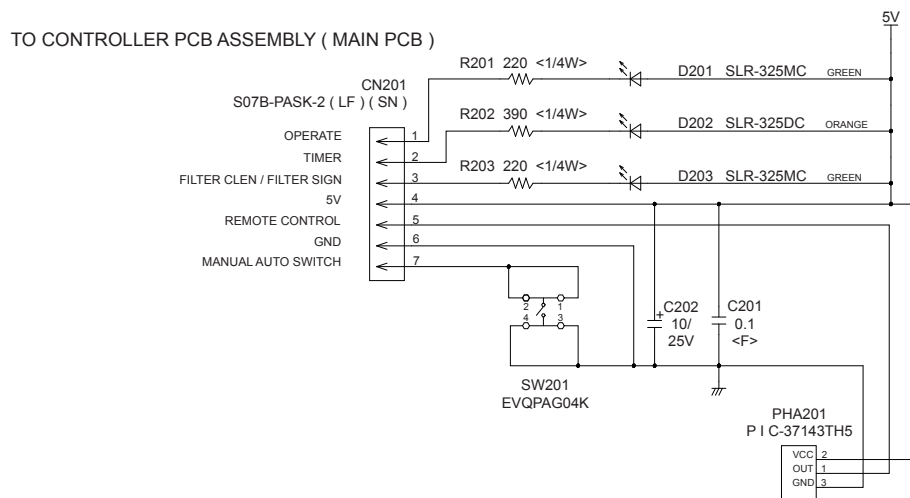
RCG07LVLA : K06AK-1214HSE-C1 RDG07LLTA : K06AK-120KHSE-C1 RYG14LVTA : K06AK-120YHSE-C1
RCG09LVLA : K06AK-1215HSE-C1 RDG09LLTA : K06AK-120LHSE-C1 RYG18LVTA : K06AK-100LHSE-C1
RCG12LVLA : K06AK-1009HSE-C1 RDG12LLTA : K06AK-120MHSE-C1
RCG14LVLA : K06AK-100AHSE-C1 RDG14LLTA : K06AK-120PHSE-C1
RCG18LVLA : K06AK-100BHSE-C1 RDG18LLTA : K06AK-120RHSE-C1



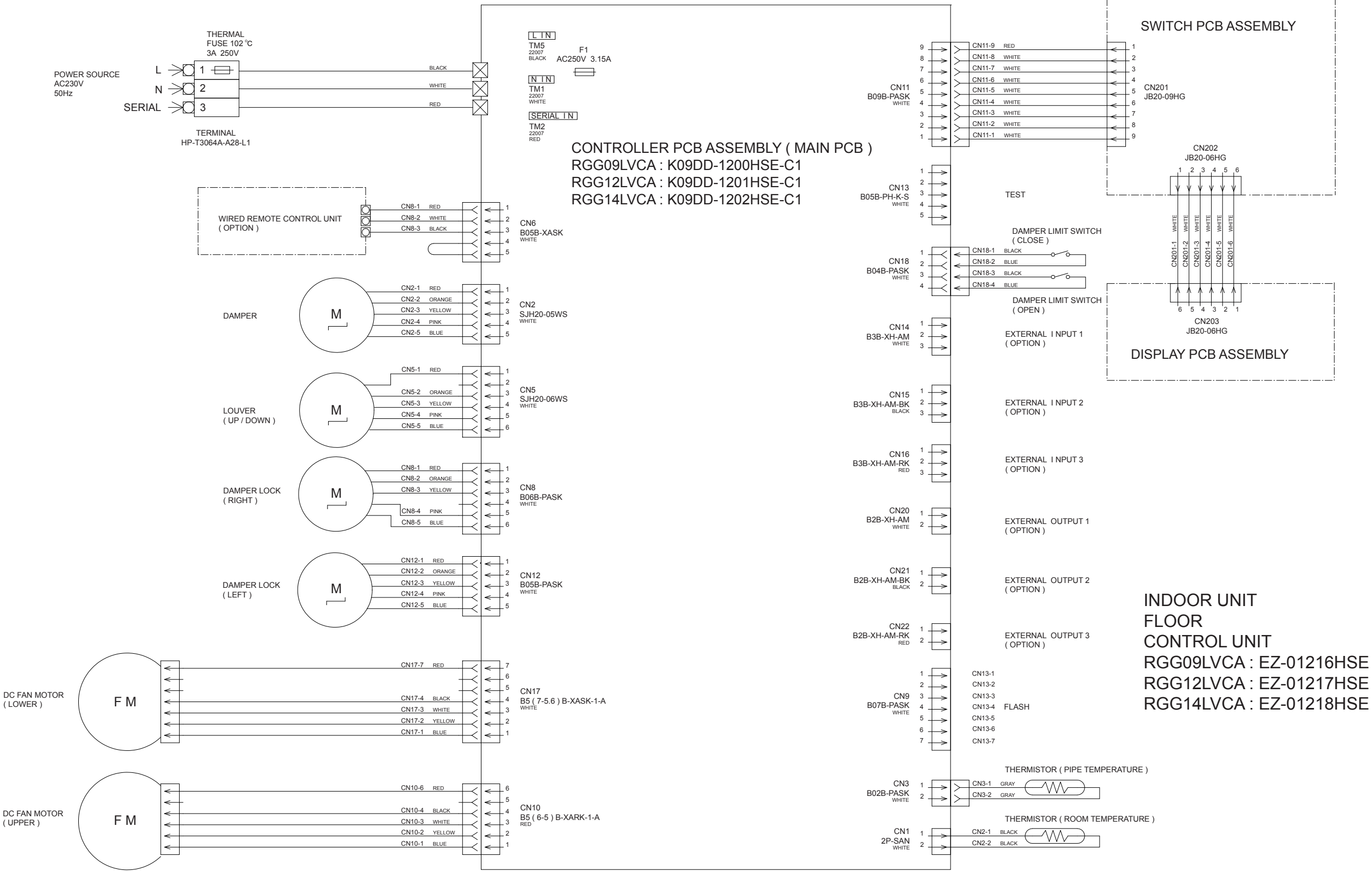


INDOOR UNIT
 COMPACT CASSETTE
 RCG07LVLA
 RCG09LVLA
 RCG12LVLA
 RCG14LVLA
 RCG18LVLA

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



INDICATOR PCB ASSEMBLY (SWITCH + DISPLAY)
K06DD-0801HSE-F0

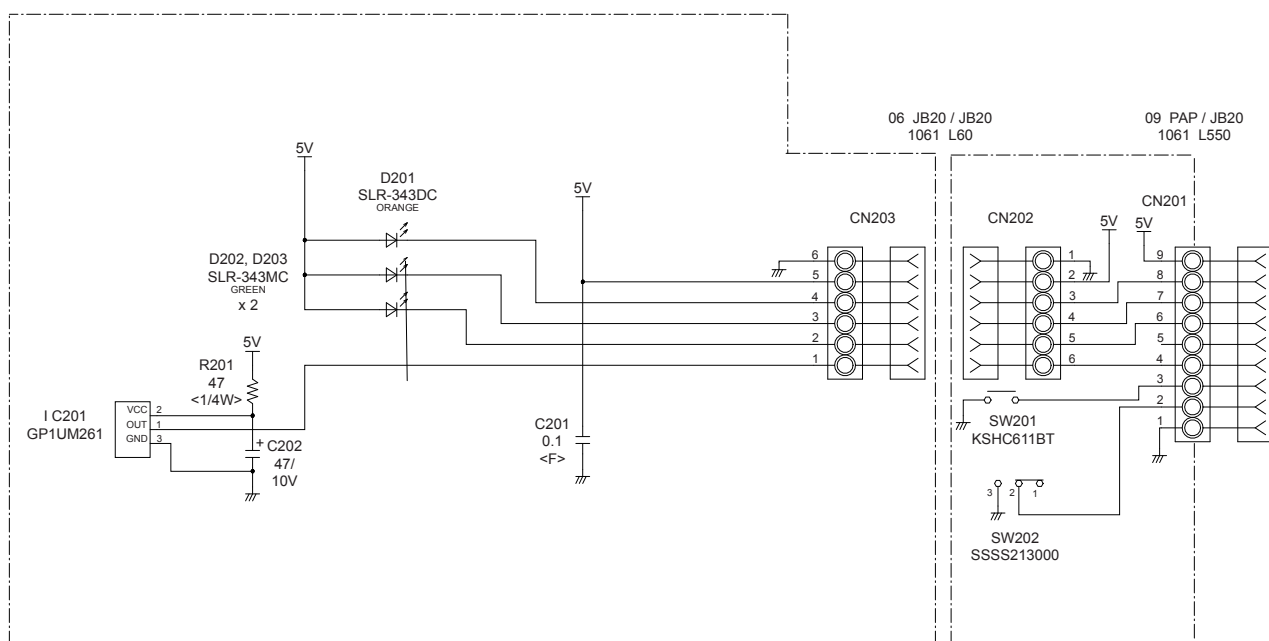


RGG14LVCA : K09DD-1202HSE-C1

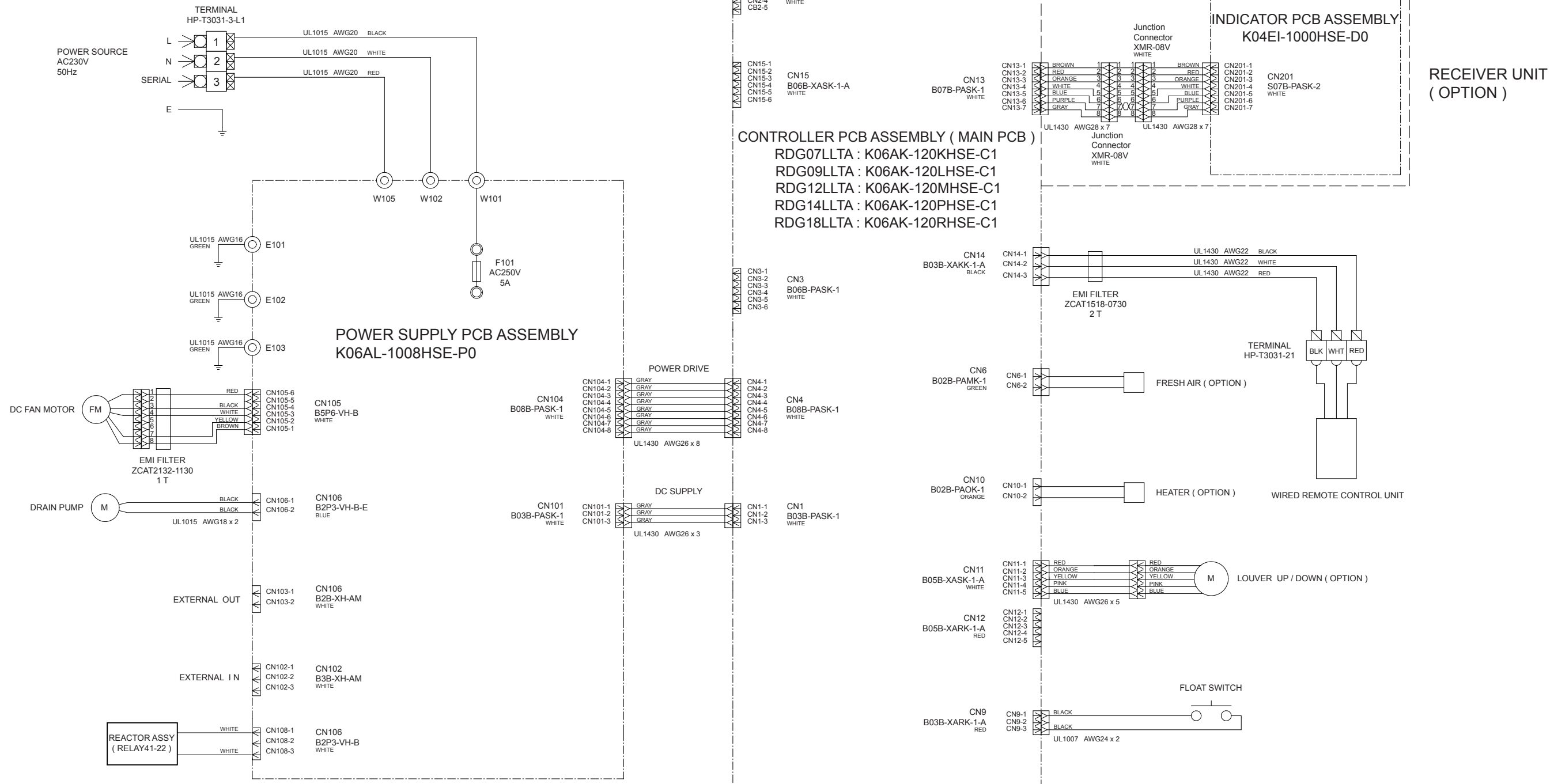


INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA

INDICATOR PCB ASSEMBLY
K06DD-0801HSE-F0



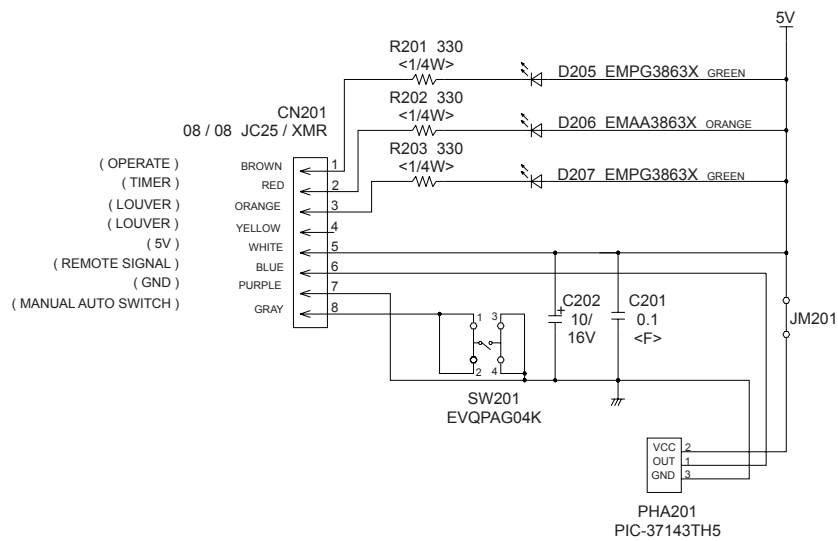
INDOOR UNIT
SLIM DUCT
CONTROL UNIT
RDG07LLTA : EZ-01222HSE
RDG09LLTA : EZ-01223HSE
RDG12LLTA : EZ-01224HSE
RDG14LLTA : EZ-01225HSE
RDG18LLTA : EZ-01226HSE



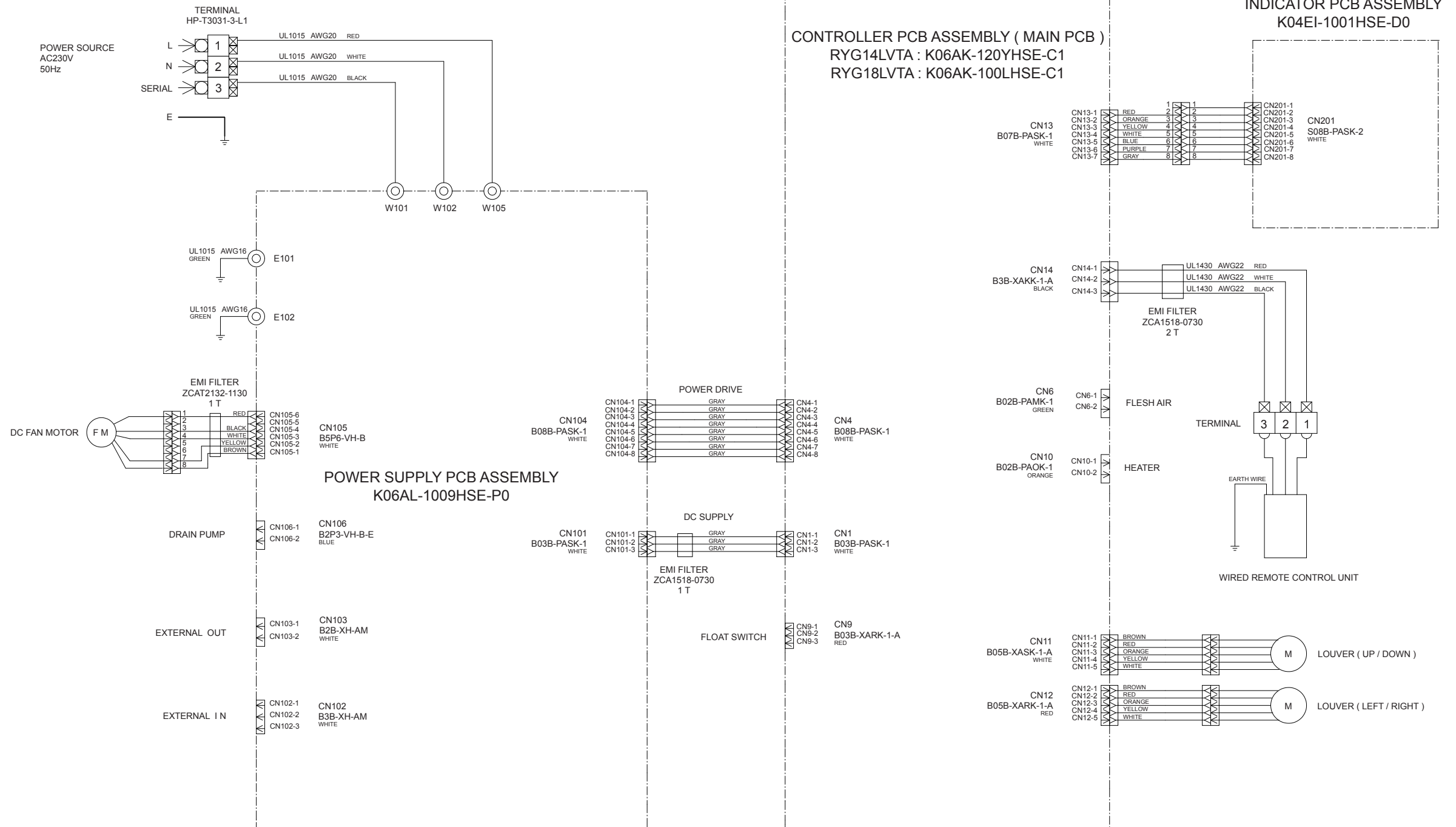


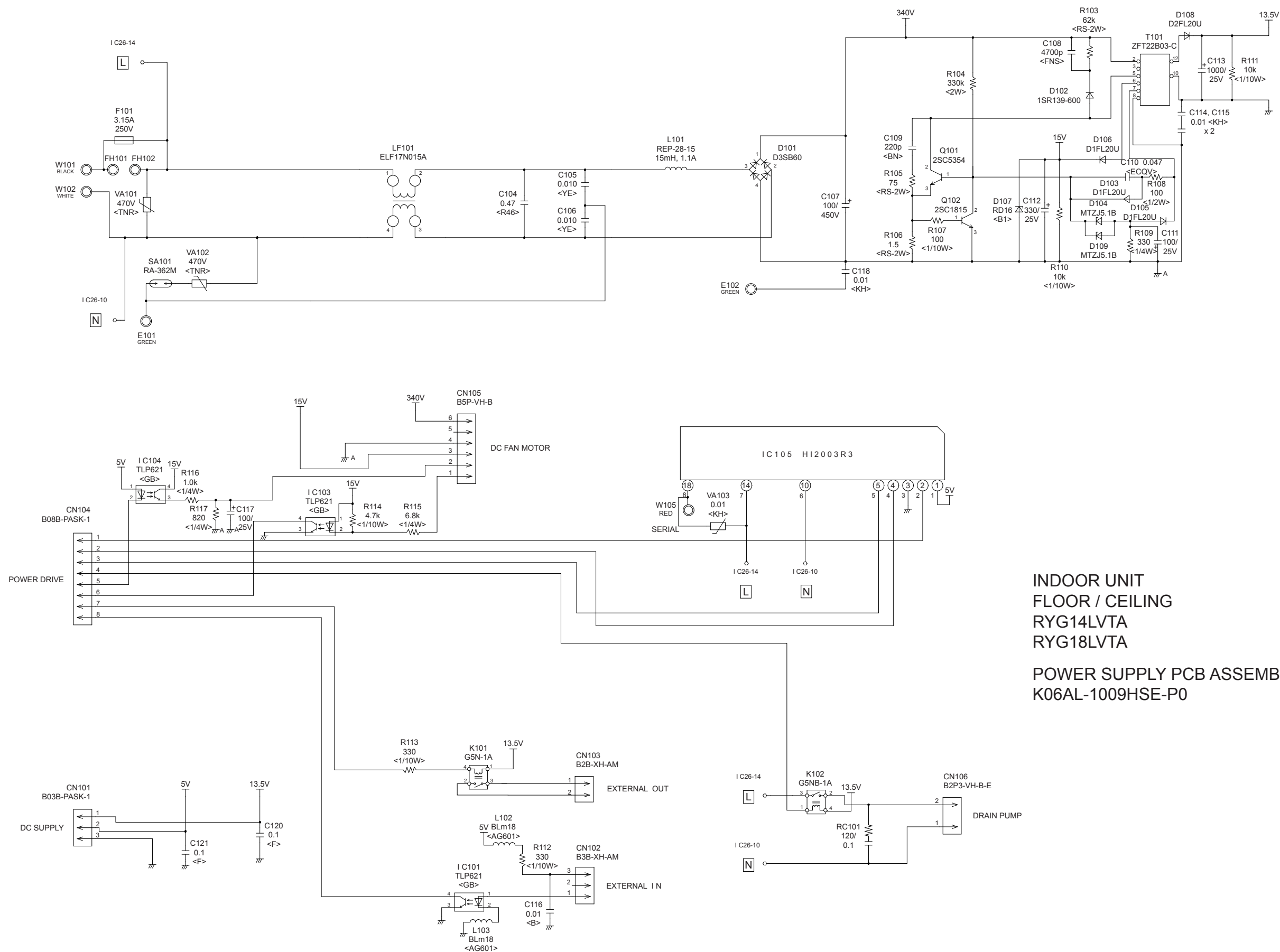
INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
RDG18LLTA

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

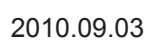


INDOOR UNIT
FLOOR / CEILING
CONTROL UNIT
RYG14LVTA : EZ-0122AHSE
RYG18LVTA : EZ-0100GHSE





INDICATOR PCB ASSEMBLY (OPTION)
K04EI-1001HSE-D0



ERROR DETECTION

● : flashing

— : Off

OUTDOOR UNIT

	LED 1	LED 2	LED 3
Communication error (outdoor unit to indoor unit A)	● 1 time	—	—
Communication error (outdoor unit to indoor unit B)	—	● 1 time	—
Communication error (outdoor unit to indoor unit C)	—	—	● 1 time
Discharge pipe thermistor	● 2 times	—	—
Outdoor unit, heat exchanger thermistor (middle)	● 3 times	—	—
Outdoor thermistor error	● 4 times	—	—
2-way valve thermistor (indoor unit A)	● 5 times	—	—
2-way valve thermistor (indoor unit B)	—	● 5 times	—
2-way valve thermistor (indoor unit C)	—	—	● 5 times
3-way valve thermistor (indoor unit A)	● 6 times	—	—
3-way valve thermistor (indoor unit B)	—	● 6 times	—
3-way valve thermistor (indoor unit C)	—	—	● 6 times
Compressor thermistor error	● 7 times	—	—
Heatsink thermistor error	● 8 times	—	—
High pressure switch 1 error	● 9 times	—	—
High pressure switch 2 error	● 10 times	—	—
Indoor unit capacity error	● 11 times	—	—
Trip detection	● 12 times	—	—
Compressor rotor position detection error	● 13 times	—	—
Trip terminal L error	● 14 times	—	—
Outdoor unit fan motor error	● 15 times	—	—
Outdoor unit PCB microcomputer communication error	● 17 times	—	—
Discharge temperature error	● 18 times	—	—
Compressor temperature error	● 19 times	—	—
4-way valve error	● 20 times	—	—
Outdoor unit PCB model information error	● 21 times	—	—
Active filter error, PFC circuit error	● 22 times	—	—

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

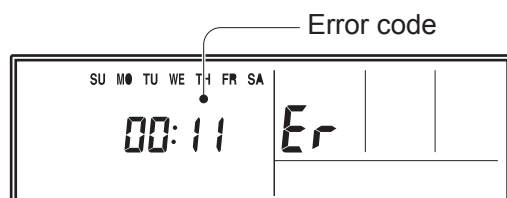
INDOOR UNIT and WIRED REMOTE CONTROL

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.)

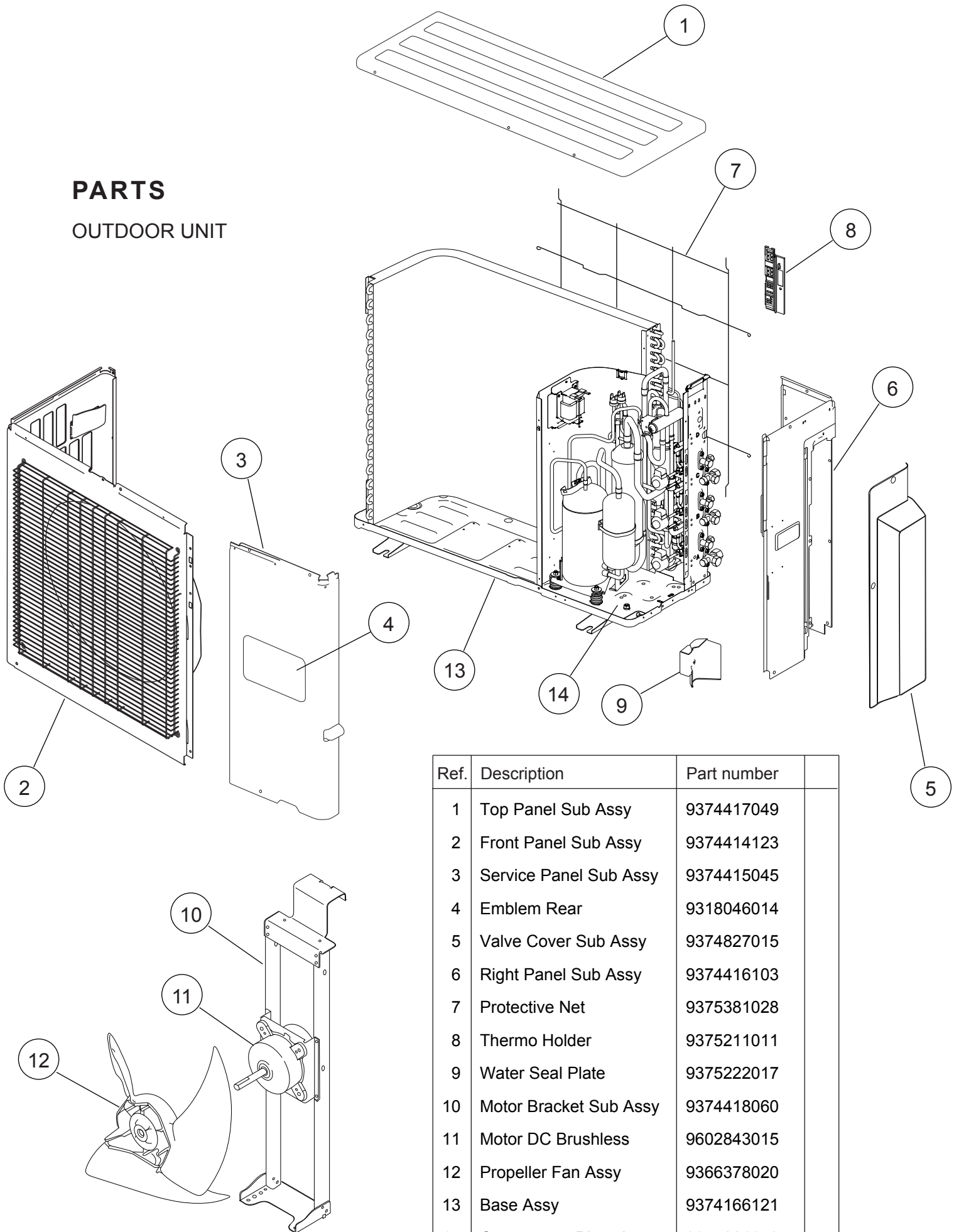


EX. Self-diagnosis

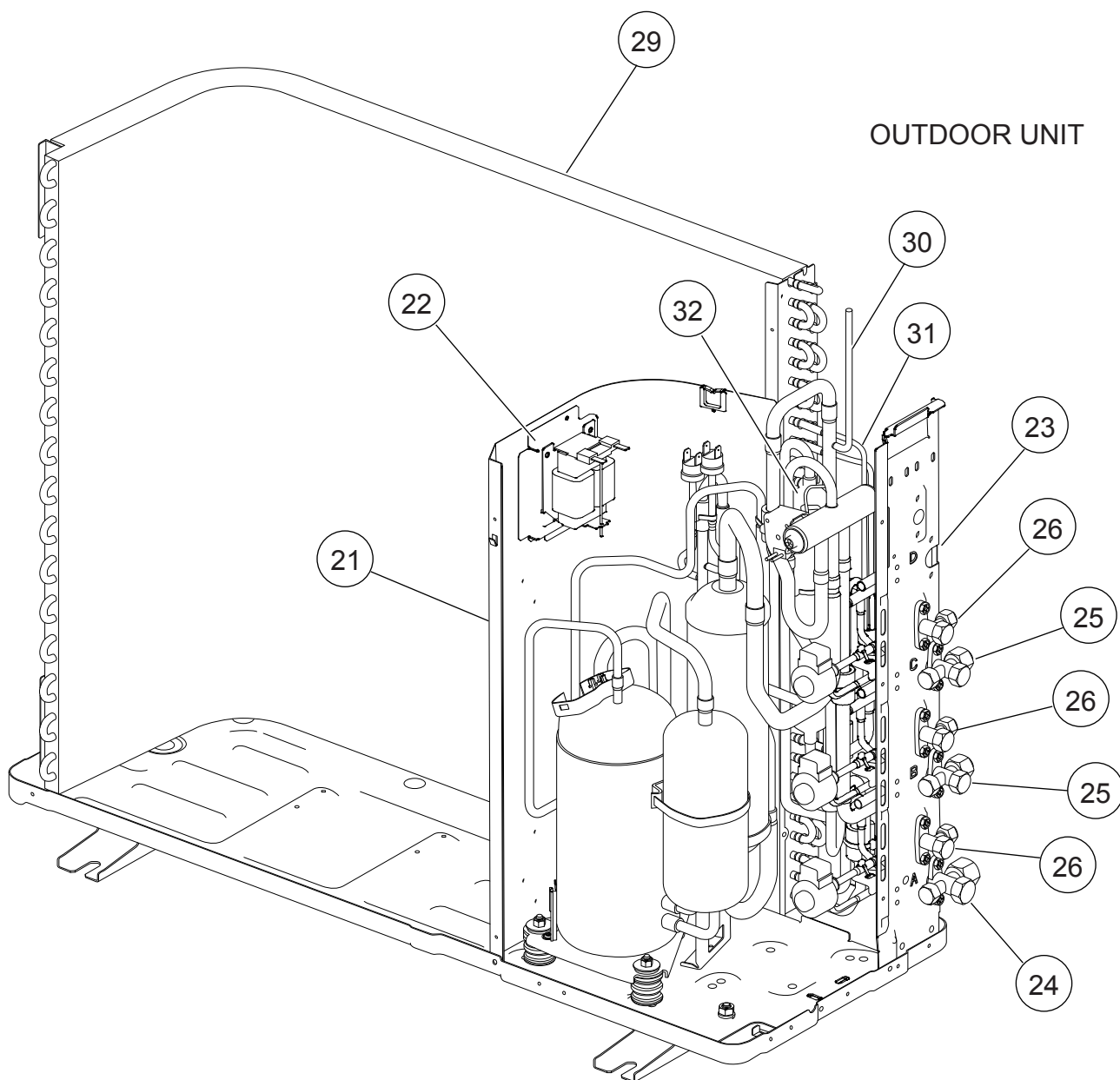
Indoor unit			Wired remote control	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
● (1)	● (1)	◇	11	Serial communication error
● (1)	● (2)	◇	12	Wired remote control communication error
● (1)	● (5)	◇	15	Check run unfinished
● (2)	● (1)	◇	21	Unit number or Refrigerant circuit 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

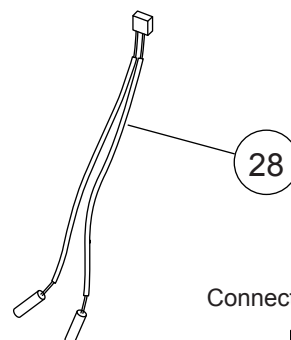


Ref.	Description	Part number	
1	Top Panel Sub Assy	9374417049	
2	Front Panel Sub Assy	9374414123	
3	Service Panel Sub Assy	9374415045	
4	Emblem Rear	9318046014	
5	Valve Cover Sub Assy	9374827015	
6	Right Panel Sub Assy	9374416103	
7	Protective Net	9375381028	
8	Thermo Holder	9375211011	
9	Water Seal Plate	9375222017	
10	Motor Bracket Sub Assy	9374418060	
11	Motor DC Brushless	9602843015	
12	Propeller Fan Assy	9366378020	
13	Base Assy	9374166121	
14	Compressor Plate Assy	9375221058	
--	Drain Assy	9303029015	
--	Drain Cap	313166024302	

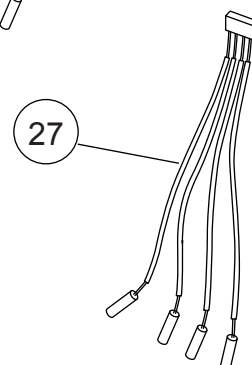


Ref.	Description	Part number
21	Separate Wall Sub Assy	9374413164
22	Choke Coil	9900366018
23	Valve Plate Assy	9374628148
24	3-way Valve Assy (1/2")	9375104016
25	3-way Valve Assy (3/8")	9375103019
26	2-way Valve Assy	9375102012
27	Pipe Thermistor (White)	9900543020
28	Pipe Thermistor (Red)	9900632007
29	Condenser A Assy	9374433179
30	Inlet Pipe (Cond) A Assy	9373461104
31	Outlet Pipe (Cond) A Assy	9374266111
32	Receiver Tank Assy	9374575039
--	Strainer Assy	9372524015

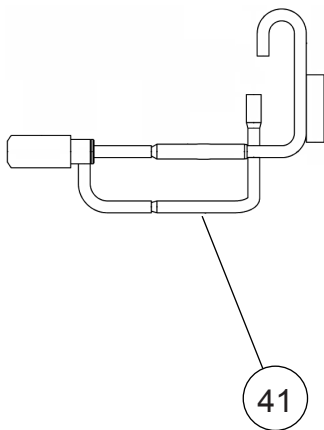
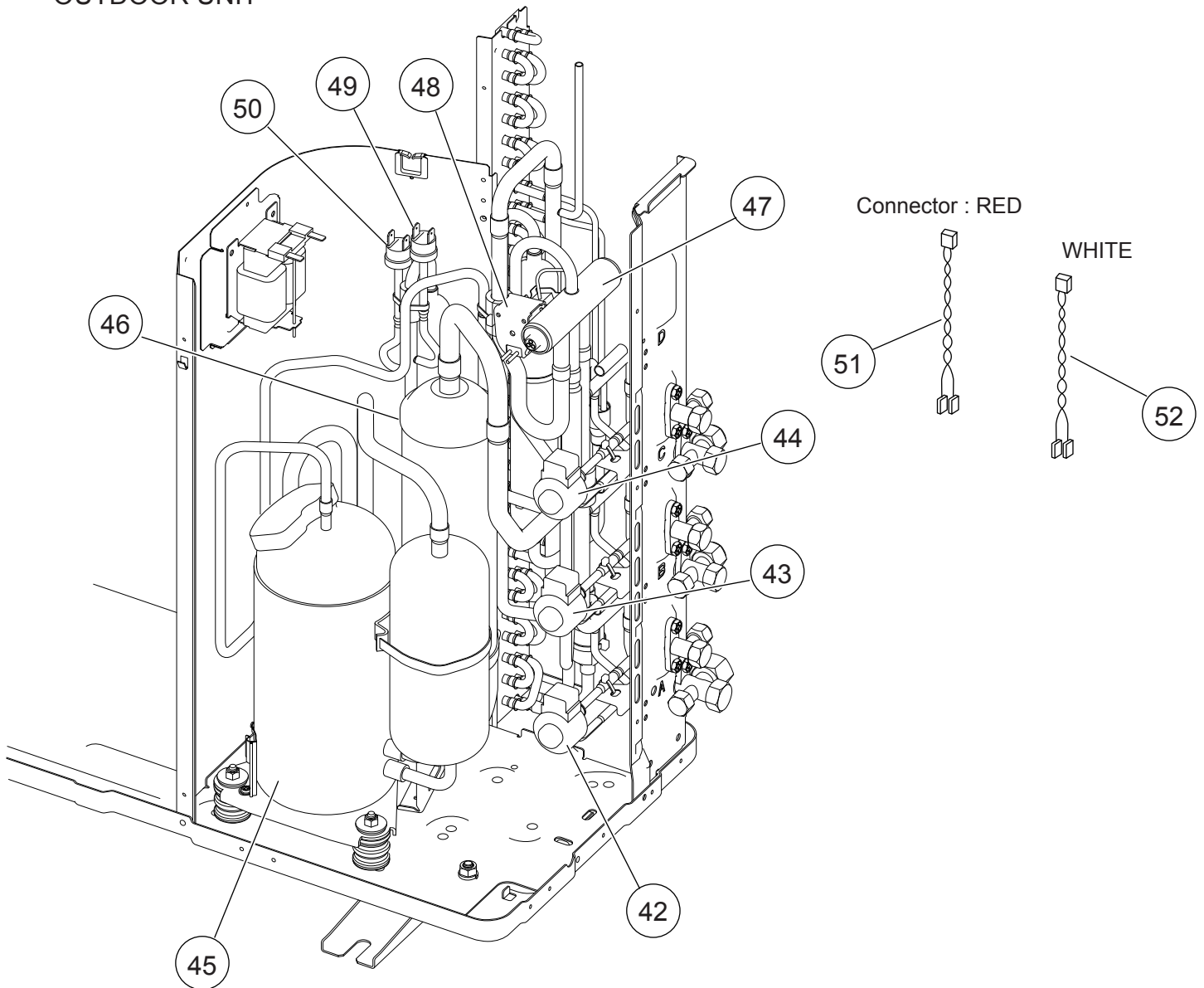
Connector : RED



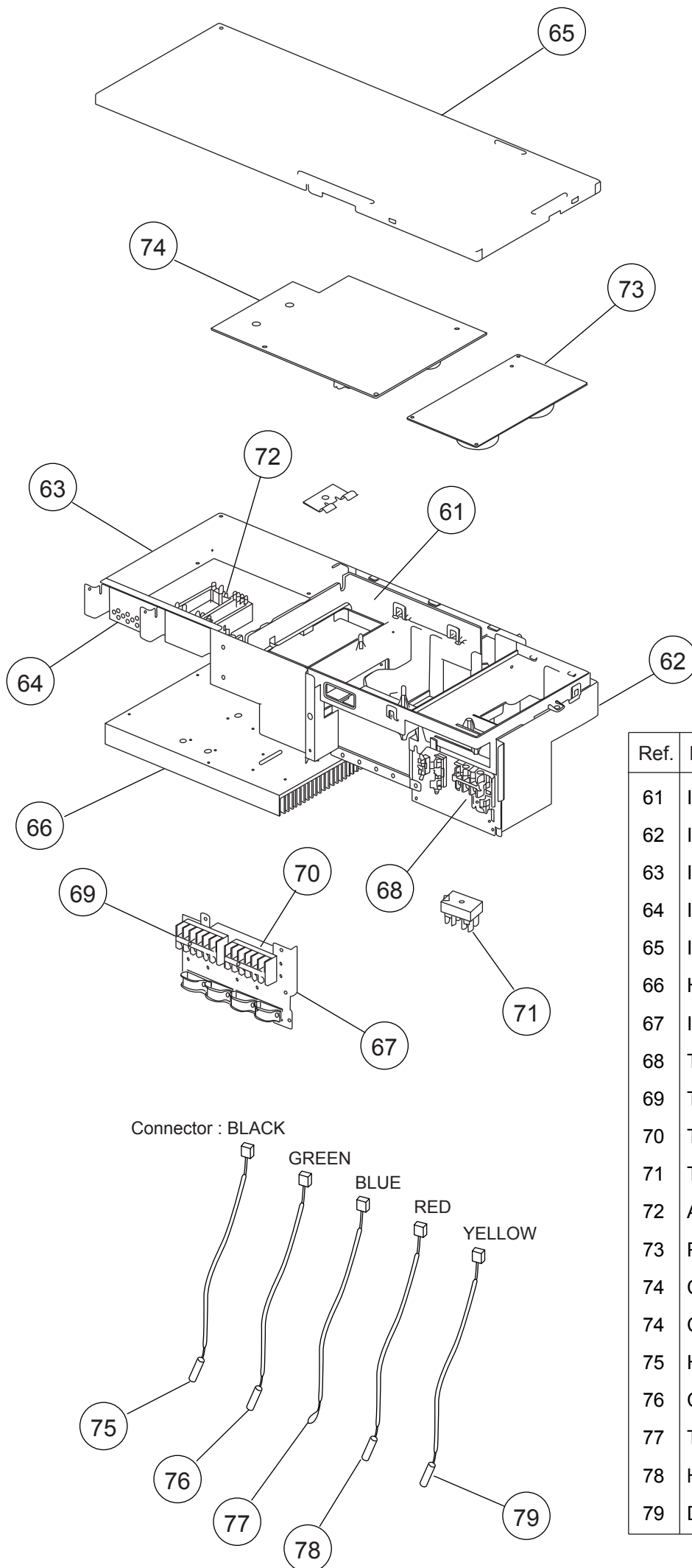
Connector : WHITE



OUTDOOR UNIT



Ref.	Description	Part number
41	Expansion Valve Assy	9370947151
42	Expansion Valve Coil (A=Red)	9970101069
43	Expansion Valve Coil (B=White)	9970101038
44	Expansion Valve Coil (C=Green)	9970101045
45	Compressor Sub Assy	9374423187
46	Accumulator Assy	9375250027
47	4-way Valve Assy	9374425136
48	Solenoid	9900165079
49	Pressure Switch A	9900186012
50	Pressure Switch B	9900341015
51	Wire (Pressure Sw) (Red)	9377823014
52	Wire (Pressure Sw) (White)	9377823021

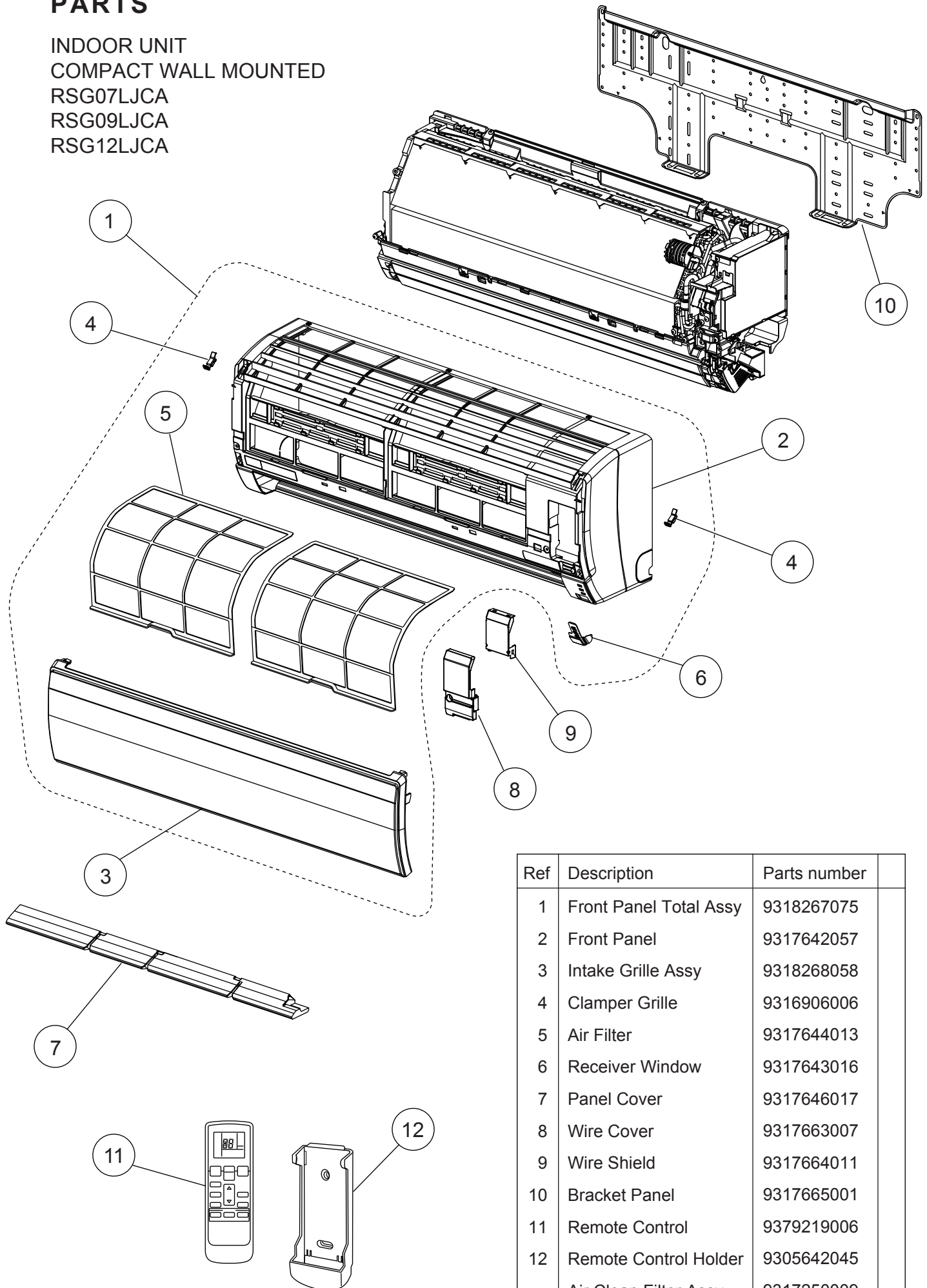


OUTDOOR UNIT

Ref.	Description	Part number	
61	Inverter Box A	9374603015	
62	Inverter Box B Assy	9374625048	
63	Inverter Box C	9375140014	
64	Inverter Box Duct	9374609017	
65	Inverter Box Cover	9375139018	
66	Heat Sink A	9375138011	
67	Inverter Box D	9374606047	
68	Terminal (3P)	9900203016	
69	Terminal (6P)	9900016036	
70	Terminal (3P)	9306489045	
71	Terminal (3P)	9900433017	
72	ACTPM	9703457012	
73	Power Supply PCB Assy	9705647091	
74	Controller PCB Assy (18)	9708081241	
74	Controller PCB Assy (24)	9709091258	
75	Heat Sink Thermistor	9900311018	
76	Compressor Thermistor	9900156053	
77	Thermistor (Outdoor)	9900477011	
78	Heat Exchanger Thermistor	9900540005	
79	Discharge Thermistor	9900621018	

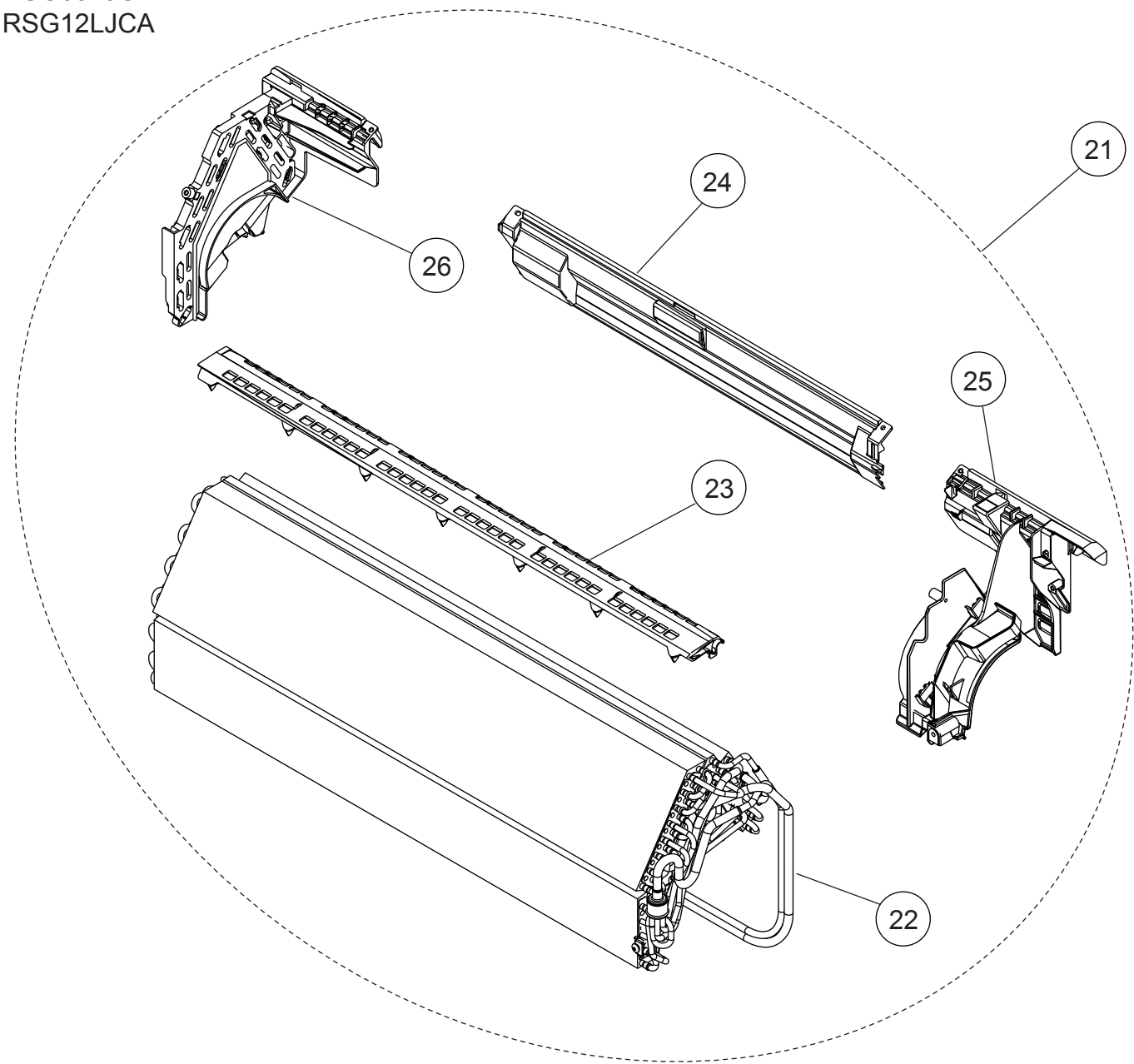
PARTS

INDOOR UNIT
COMPACT WALL MOUNTED
RSG07LJCA
RSG09LJCA
RSG12LJCA

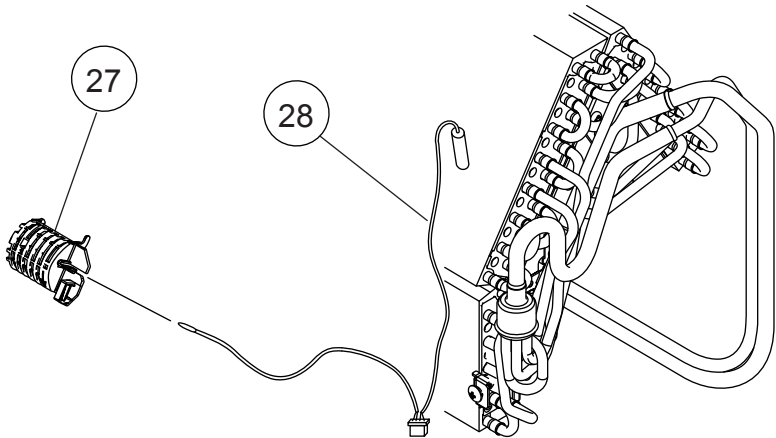


Ref	Description	Parts number
1	Front Panel Total Assy	9318267075
2	Front Panel	9317642057
3	Intake Grille Assy	9318268058
4	Clamber Grille	9316906006
5	Air Filter	9317644013
6	Receiver Window	9317643016
7	Panel Cover	9317646017
8	Wire Cover	9317663007
9	Wire Shield	9317664011
10	Bracket Panel	9317665001
11	Remote Control	9379219006
12	Remote Control Holder	9305642045
--	Air Clean Filter Assy	9317250009

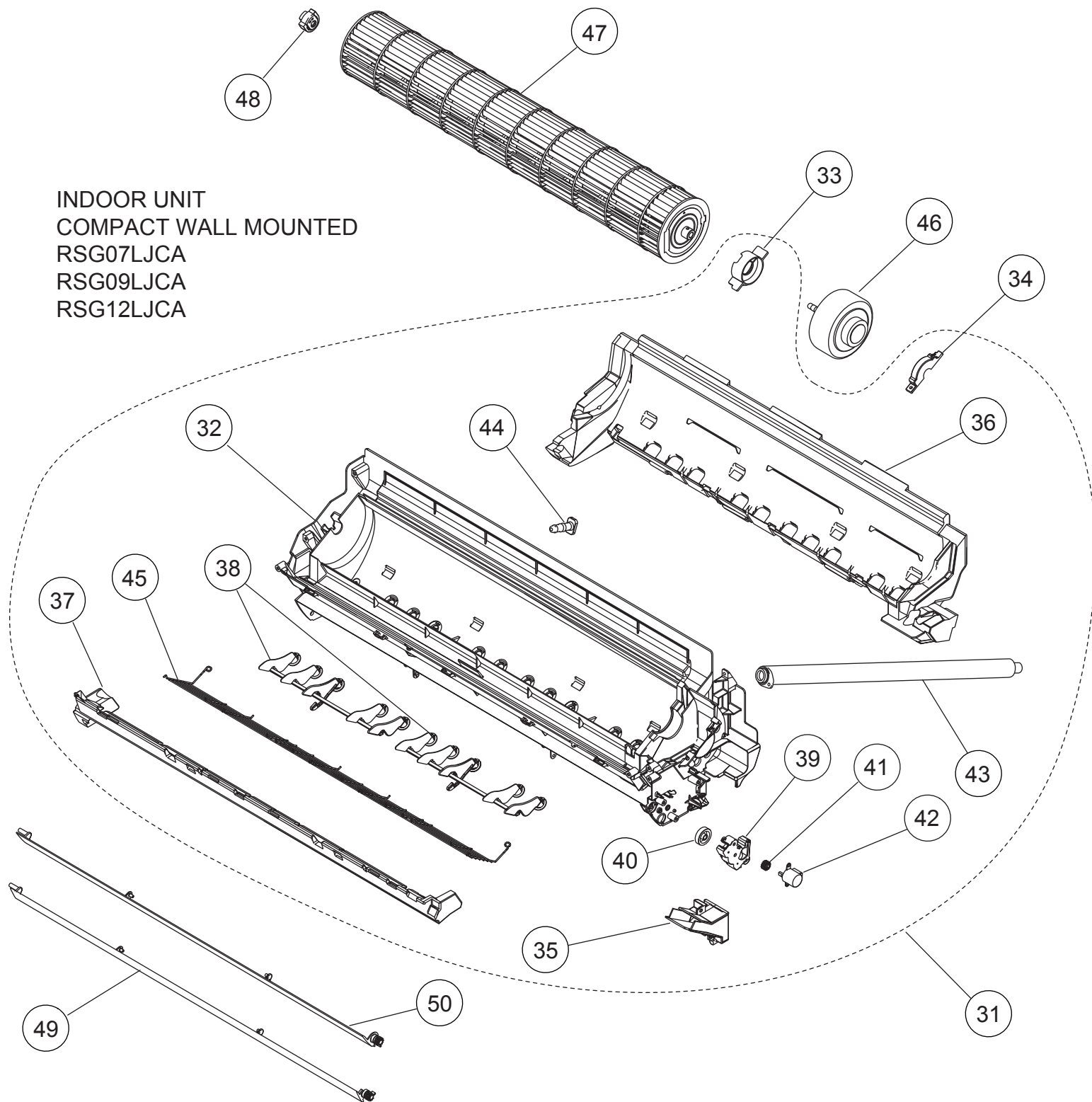
INDOOR UNIT
 COMPACT WALL MOUNTED
 RSG07LJCA
 RSG09LJCA
 RSG12LJCA



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	

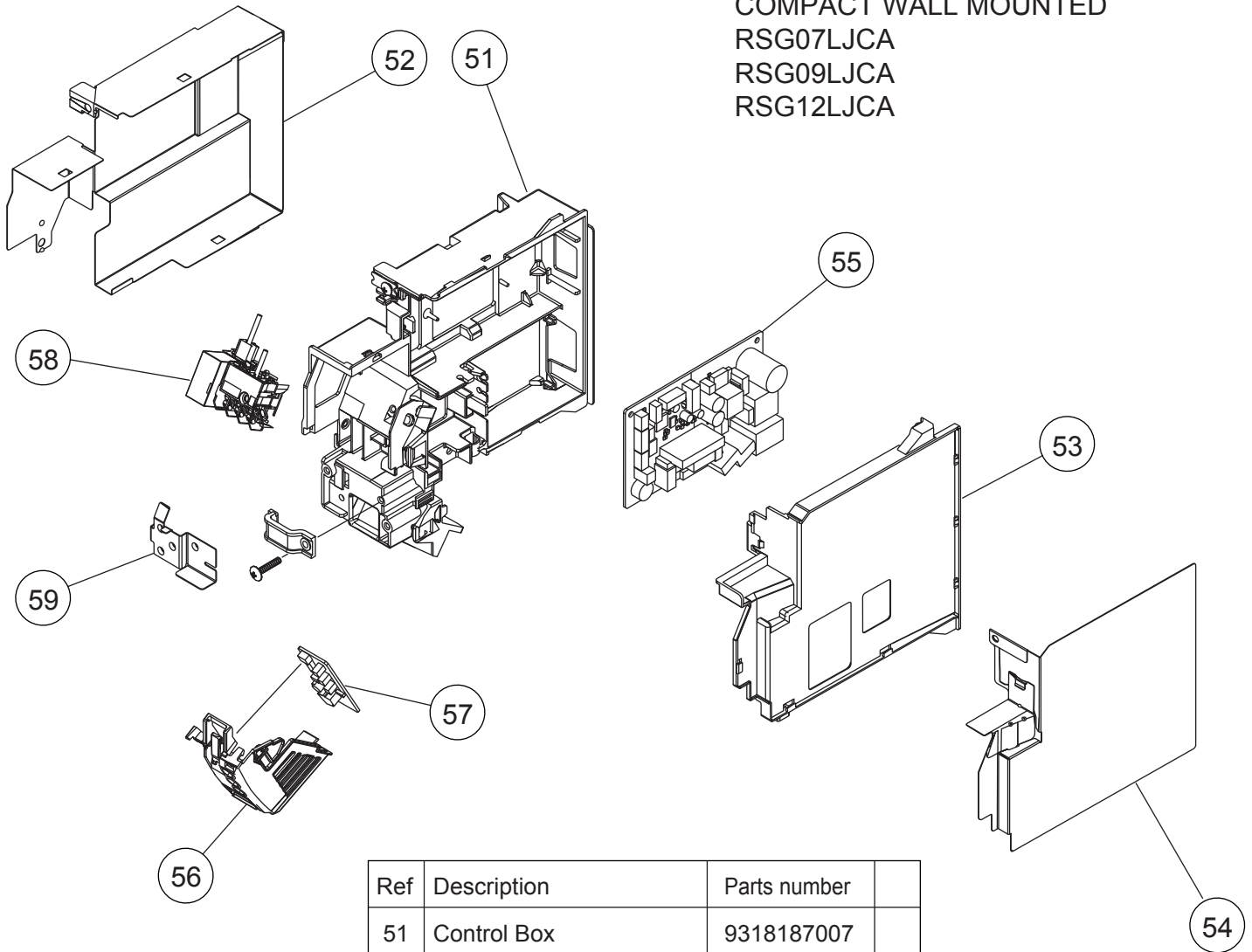


INDOOR UNIT
COMPACT WALL MOUNTED
RSG07LJCA
RSG09LJCA
RSG12LJCA



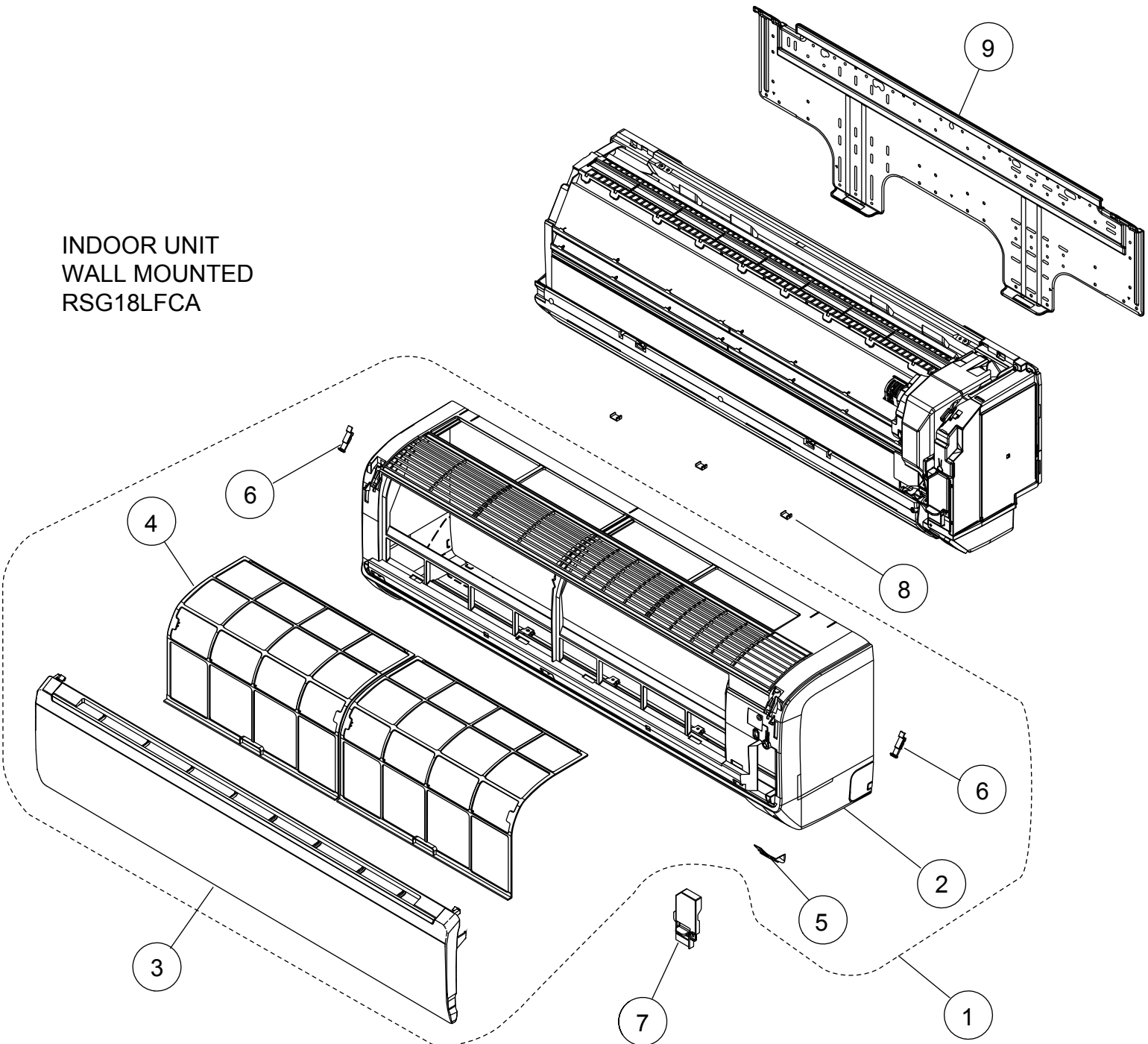
Ref	Description	Parts number	Ref	Description	Parts number
31	Casing Assy	9318264050	41	Gear A	9309994003
32	Casing	9317647014	42	Motor Step	9900384128
33	Motor Cover	9316568006	43	Drain Hose Assy	9316904002
34	Motor Cover	9316601000	44	Drain Cap	9316177017
35	Cable Guide	9316567009	45	Fan Guard	9332277005
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
RSG07LJCA
RSG09LJCA
RSG12LJCA

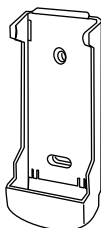


Ref	Description	Parts number	
51	Control Box	9318187007	
52	Box Shield	9317575010	
53	Control Cover	9317659017	
54	Cover Shield	9317923002	
55	Controller PCB Assy (07)	9708536378	
55	Controller PCB Assy (09)	9708536385	
55	Controller PCB Assy (12)	9708536392	
56	Display Case	9317662000	
57	Display PCB Assy	9707649024	
58	Terminal	9900638009	
59	Earth Terminal	9316586000	

INDOOR UNIT
WALL MOUNTED
RSG18LFCA



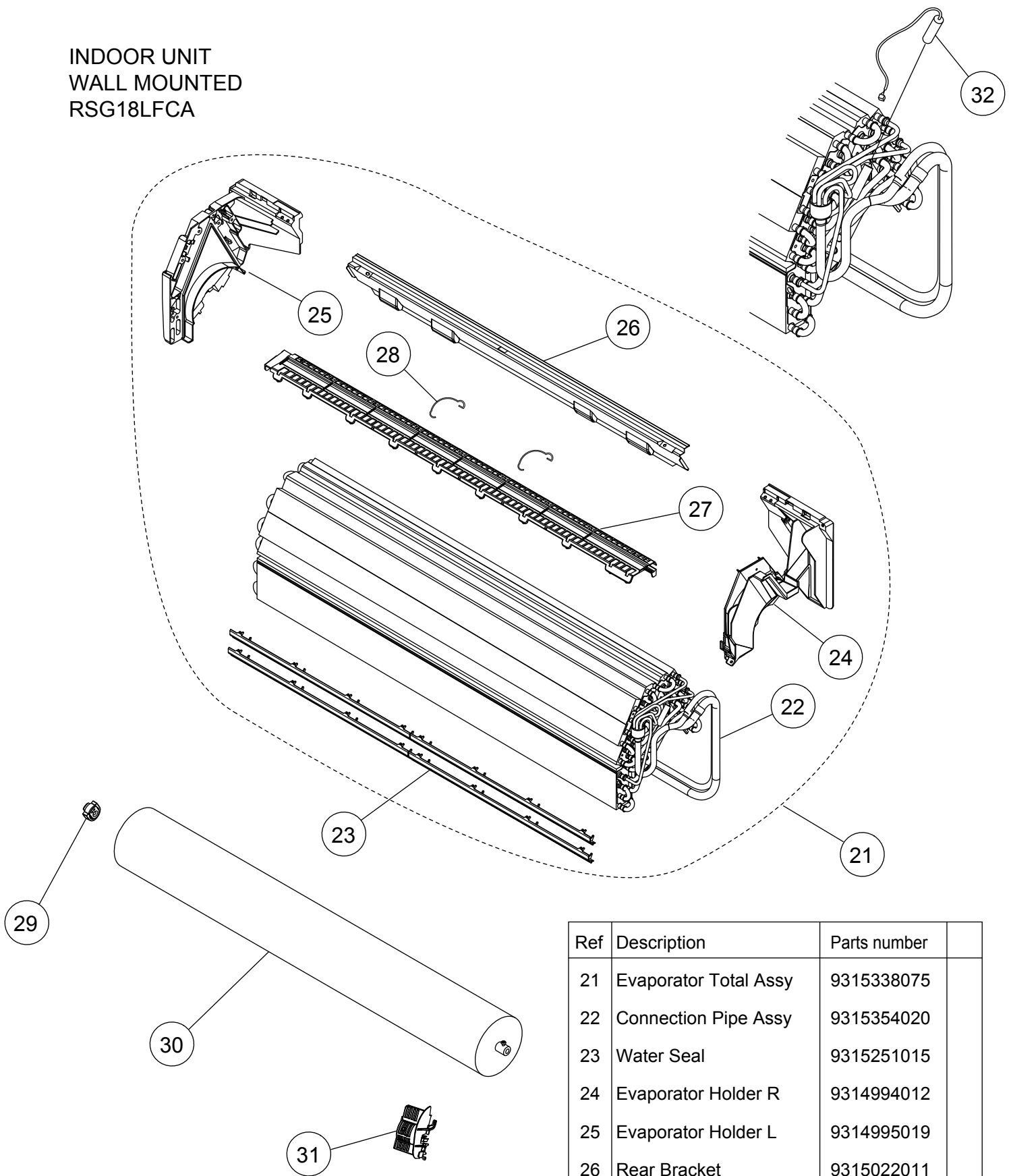
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11

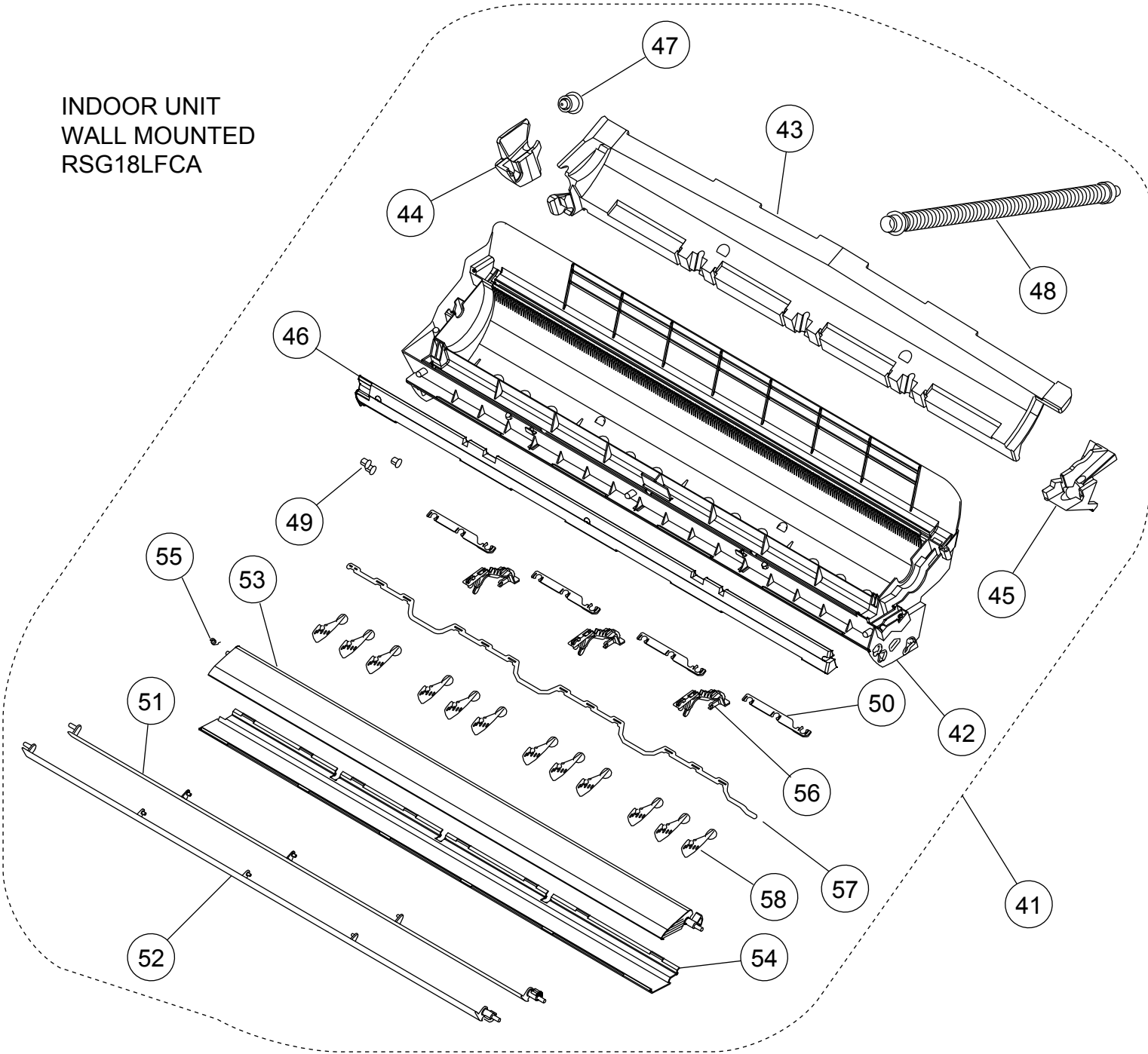
Ref	Description	Parts number
1	Front Panel Total Assy	9318738025
2	Front Panel	9314991080
3	Intake Grille Assy	9385985063
4	Air Filter	9315014016
5	Receiver Window	9315010018
6	Clamber Grille	9306755010
7	Wire Clamber	9315015013
8	Cap (Screw)	9309002050
9	Bracket Panel	9315023018
10	Remote Control	9379219037
11	Remote Control Holder	9305642045
--	Air Clean Filter Assy	9315212016

INDOOR UNIT
WALL MOUNTED
RSG18LFCA



Ref	Description	Parts number	
21	Evaporator Total Assy	9315338075	
22	Connection Pipe Assy	9315354020	
23	Water Seal	9315251015	
24	Evaporator Holder R	9314994012	
25	Evaporator Holder L	9314995019	
26	Rear Bracket	9315022011	
27	Filter Guide	9315013019	
28	Filter Guard	9315411013	
29	Bearing C Assy	9306628017	
30	Crossflow Fan Assy	9315024015	
31	Holder (Room Thermistor)	9315252012	
32	Pipe Thermistor	9900551018	

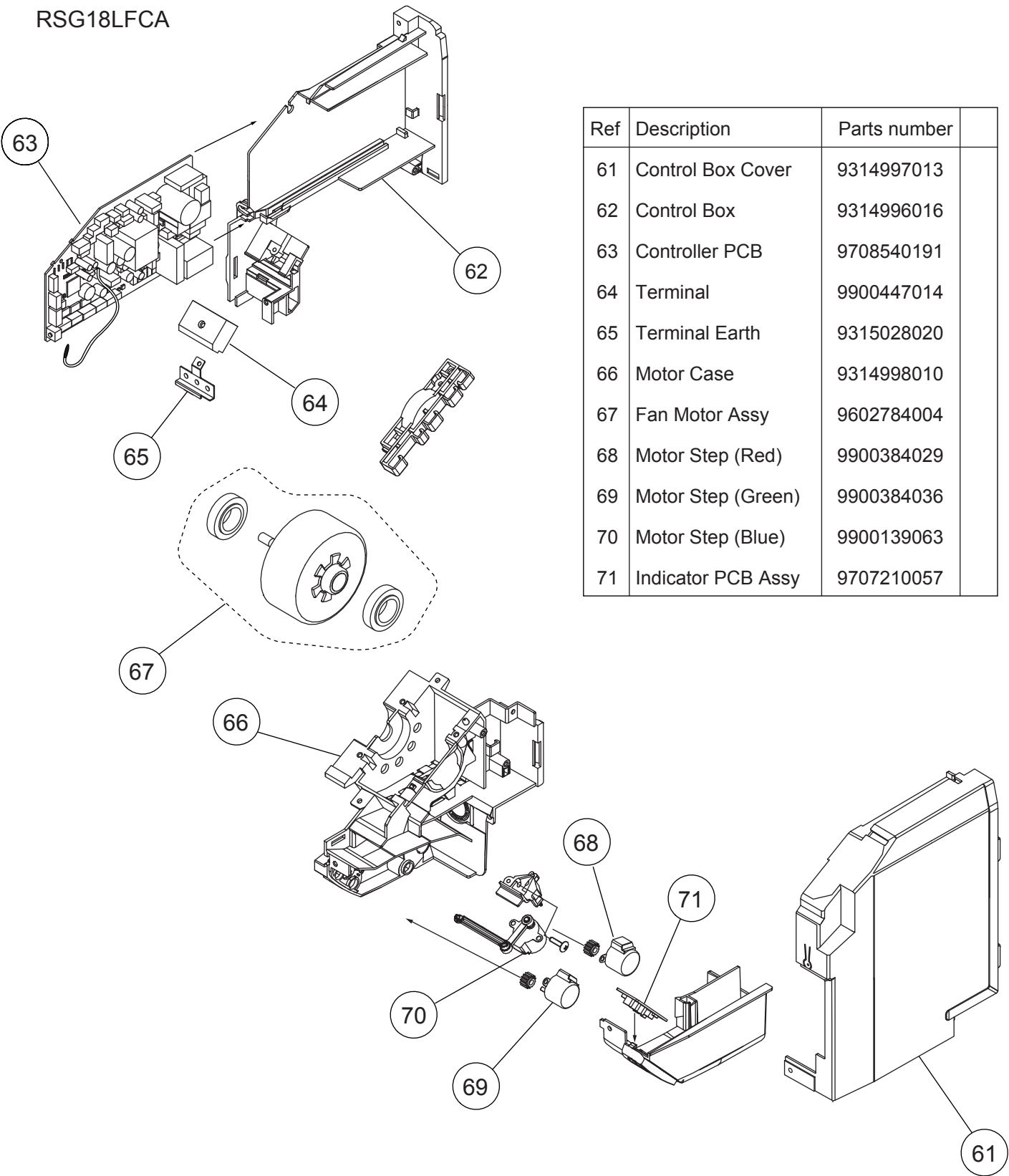
INDOOR UNIT
WALL MOUNTED
RSG18LFCA



Ref	Description	Parts number	
41	Casing Assy	9315331038	
42	Casing	9314993015	
43	Casing Cover B	9315016010	
44	Casing Cover L	9315017017	
45	Casing Cover R	9315018014	
46	Casing Cover F	9315019011	
47	Drain Cap	9367677009	
48	Drain Hose Assy	9315769015	
49	Bush B	9312156016	
50	Spacer B	9312441013	
51	Louver U	9315000019	

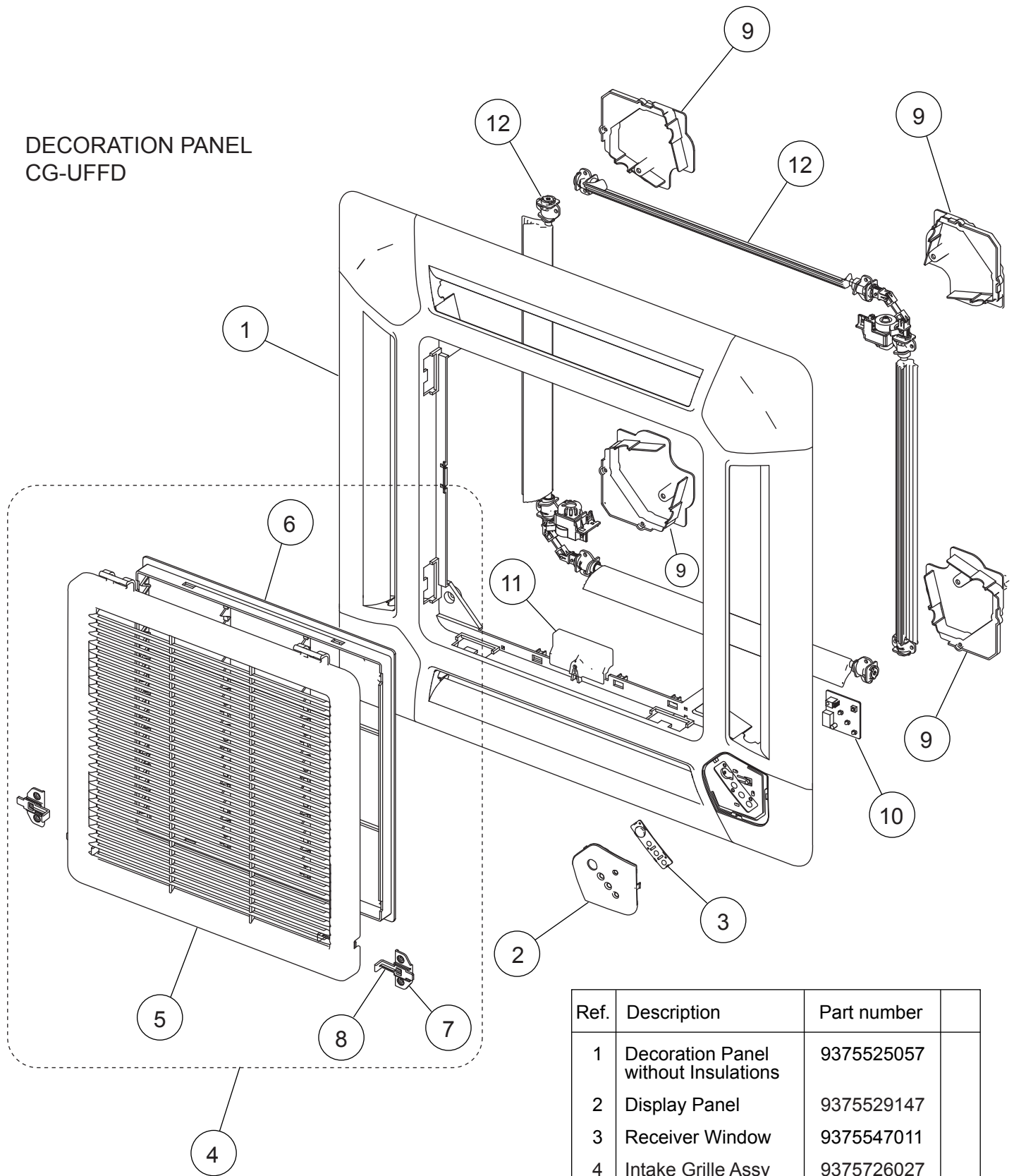
Ref	Description	Parts number	
52	Louver Z	9315001016	
53	Diffuser U	9315002013	
54	Diffuser Z	9315003010	
55	Spring C	9314142017	
56	Pillar A	9315009012	
57	Joint B	9315006011	
58	R and L Louver	9311997016	
-	Fan Guard	9305751051	
-	Fan Guard Holder Right	9315814012	
-	Fan Guard Holder Left	9315815019	

INDOOR UNIT
WALL MOUNTED
RSG18LFCA



Ref	Description	Parts number
61	Control Box Cover	9314997013
62	Control Box	9314996016
63	Controller PCB	9708540191
64	Terminal	9900447014
65	Terminal Earth	9315028020
66	Motor Case	9314998010
67	Fan Motor Assy	9602784004
68	Motor Step (Red)	9900384029
69	Motor Step (Green)	9900384036
70	Motor Step (Blue)	9900139063
71	Indicator PCB Assy	9707210057

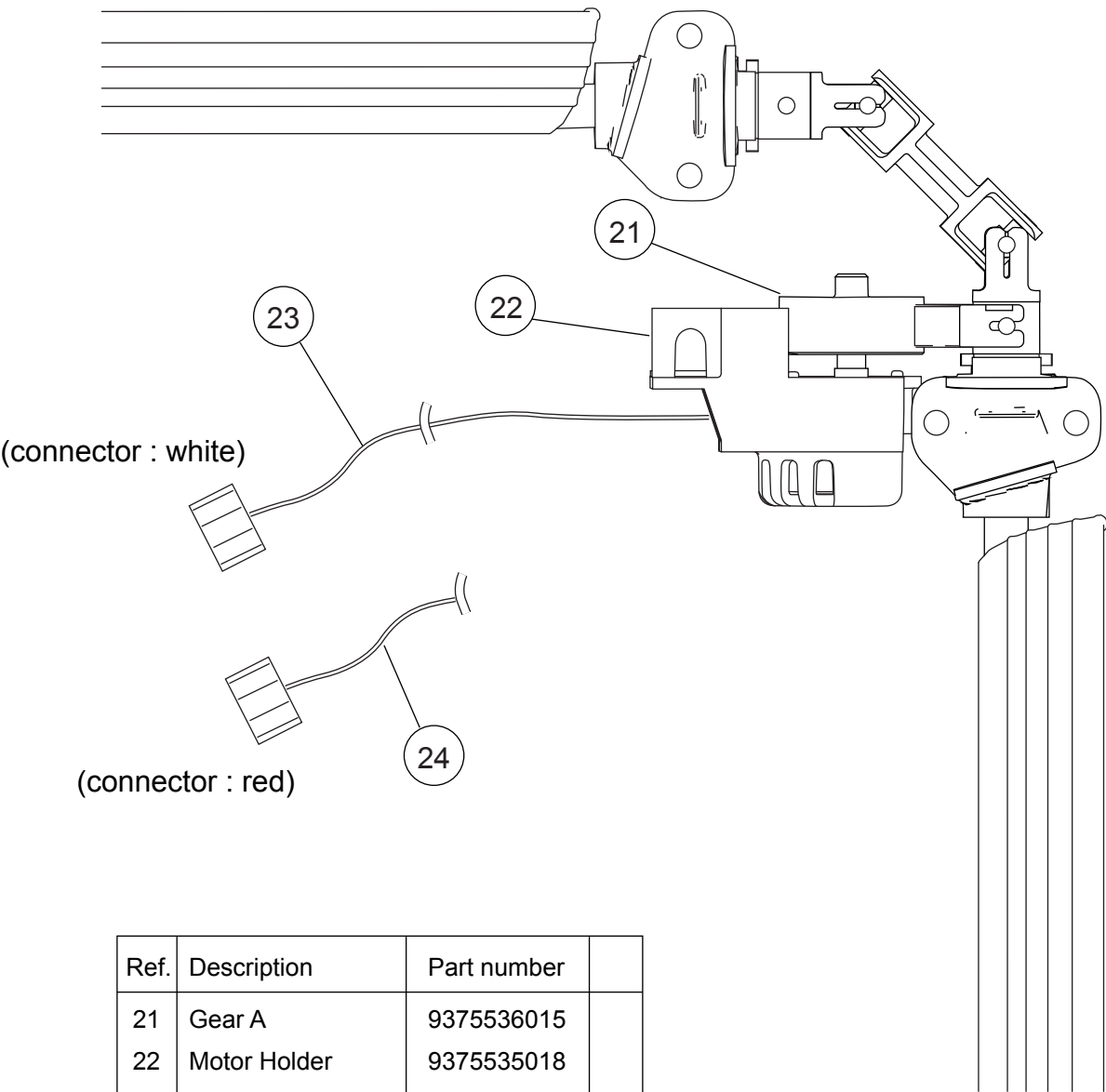
DECORATION PANEL
CG-UFFD



Ref.	Description	Part number	
1	Decoration Panel without Insulations	9375525057	
2	Display Panel	9375529147	
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	

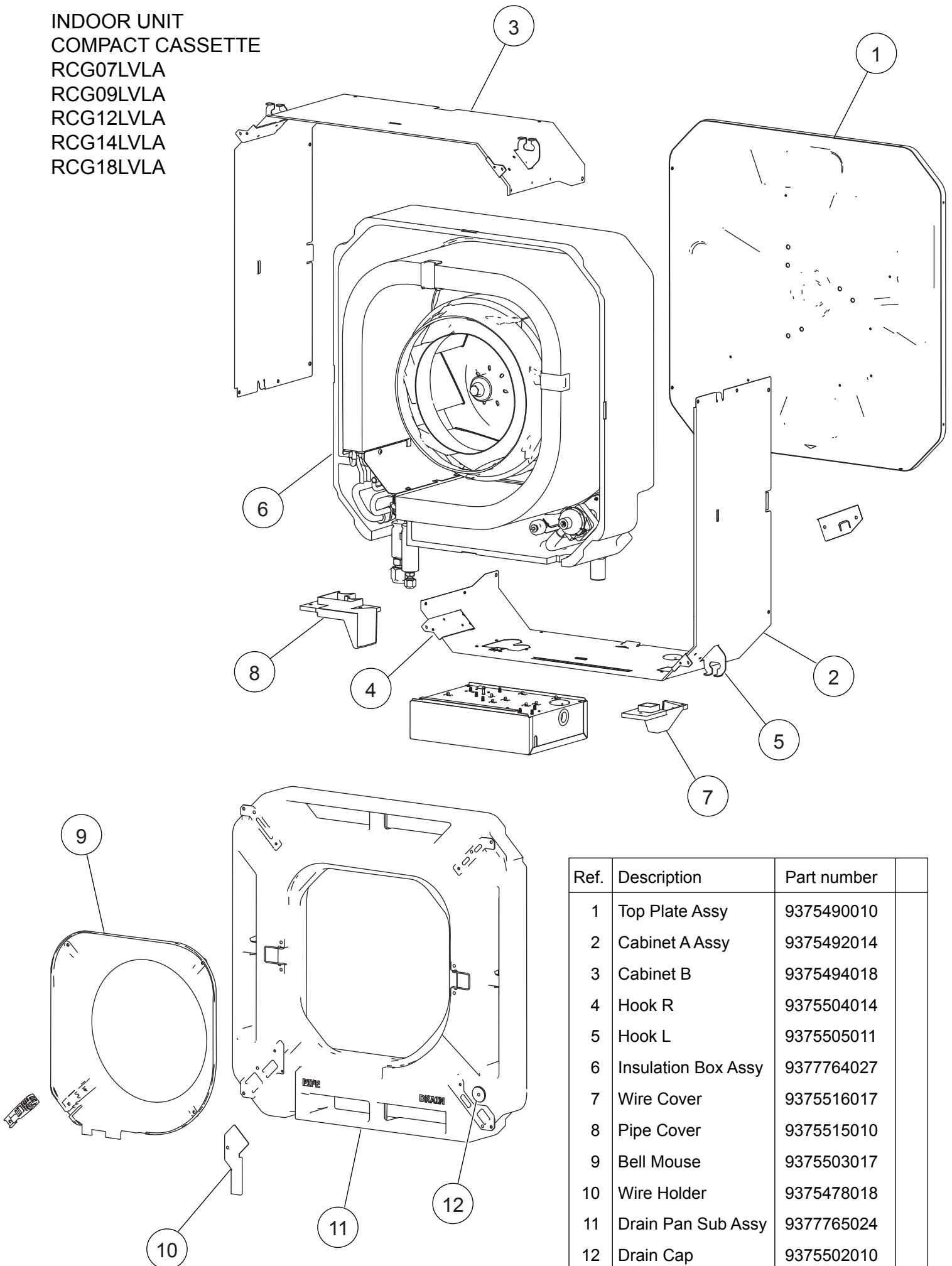
DECORATION PANEL
CG-UFFD

Flap total assy
Motor holder assy

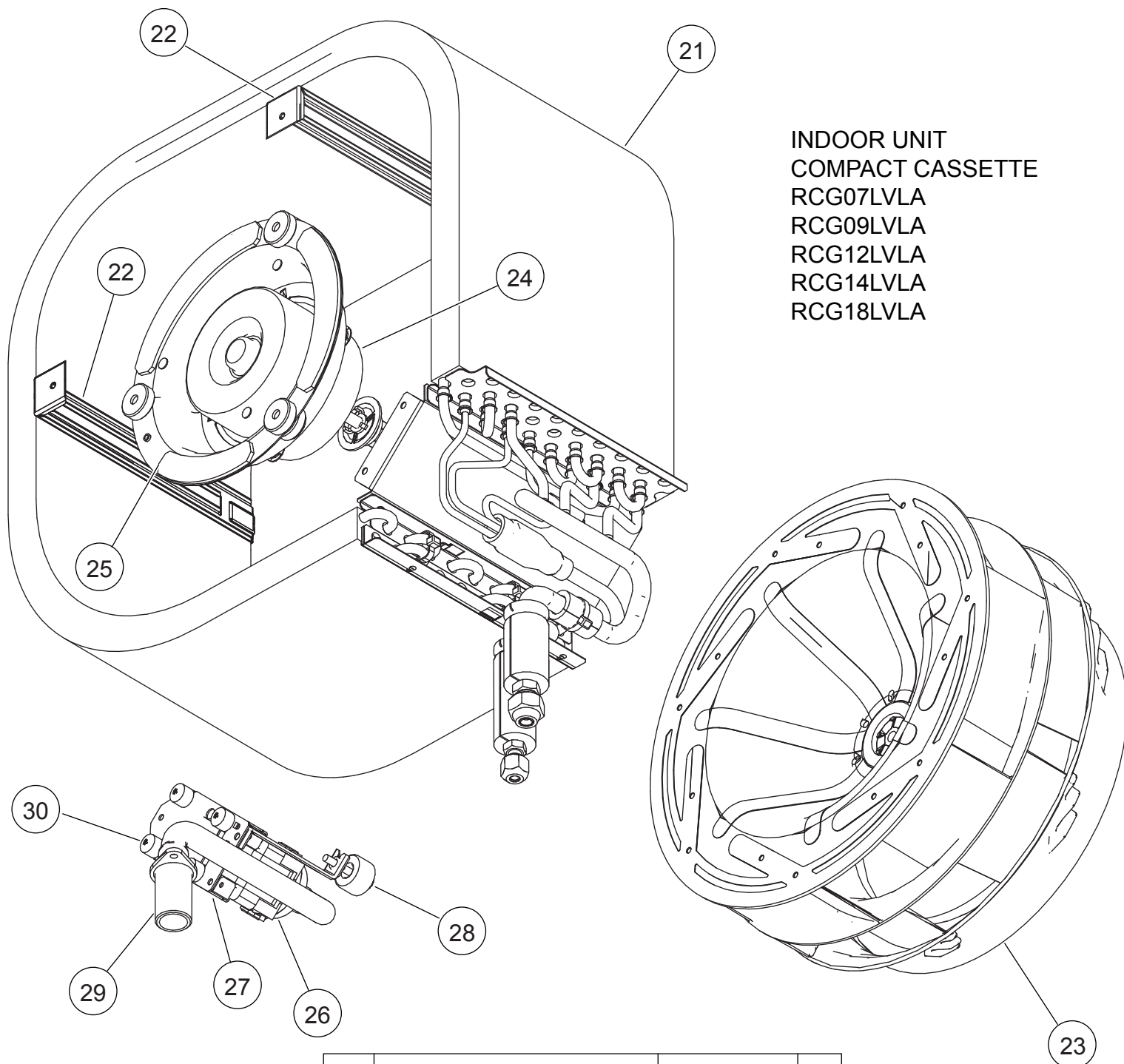


Ref.	Description	Part number	
21	Gear A	9375536015	
22	Motor Holder	9375535018	
23	Step Motor (white connector)	9900139070	
24	Step Motor (red connector)	9900139087	

INDOOR UNIT
COMPACT CASSETTE
RCG07LVLA
RCG09LVLA
RCG12LVLA
RCG14LVLA
RCG18LVLA

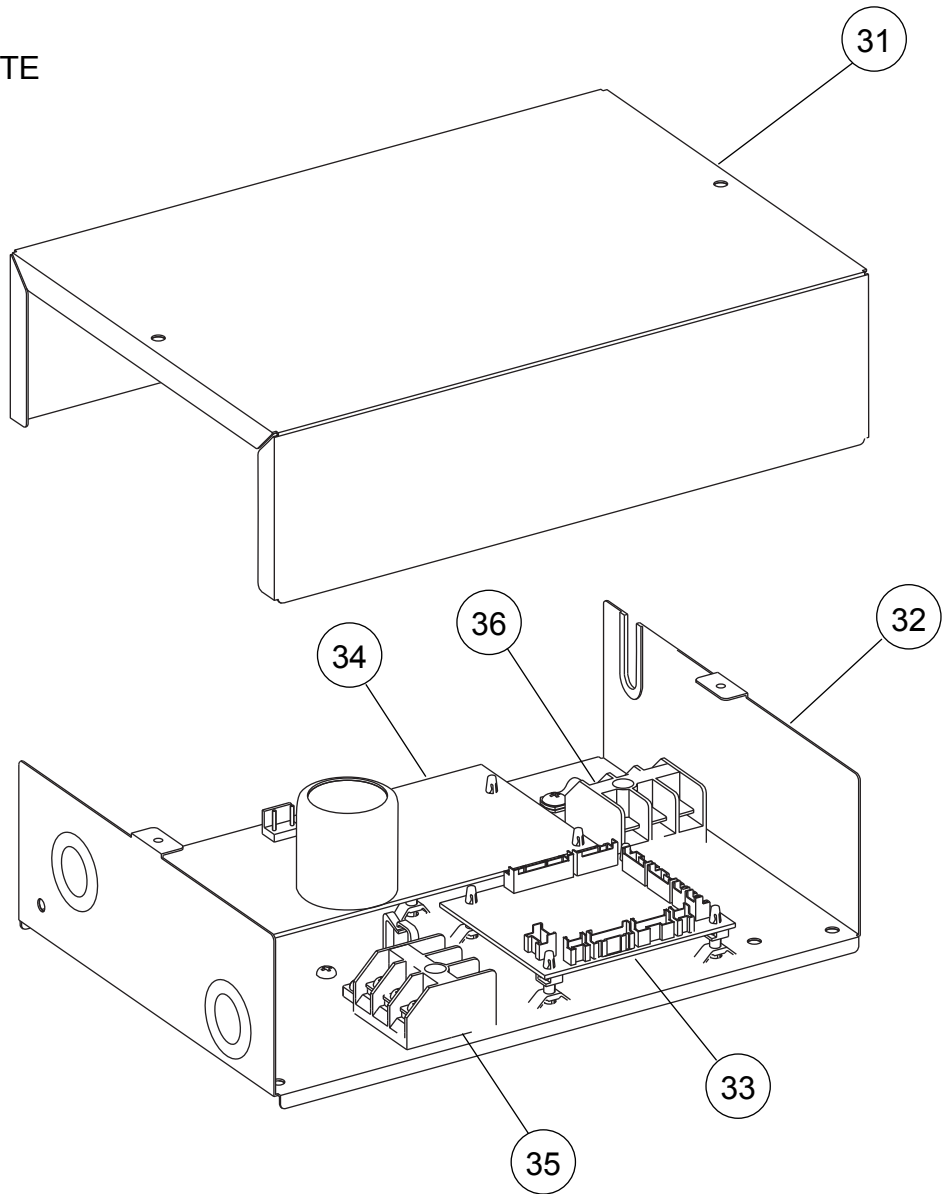


Ref.	Description	Part number	
1	Top Plate Assy	9375490010	
2	Cabinet A Assy	9375492014	
3	Cabinet B	9375494018	
4	Hook R	9375504014	
5	Hook L	9375505011	
6	Insulation Box Assy	9377764027	
7	Wire Cover	9375516017	
8	Pipe Cover	9375515010	
9	Bell Mouse	9375503017	
10	Wire Holder	9375478018	
11	Drain Pan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



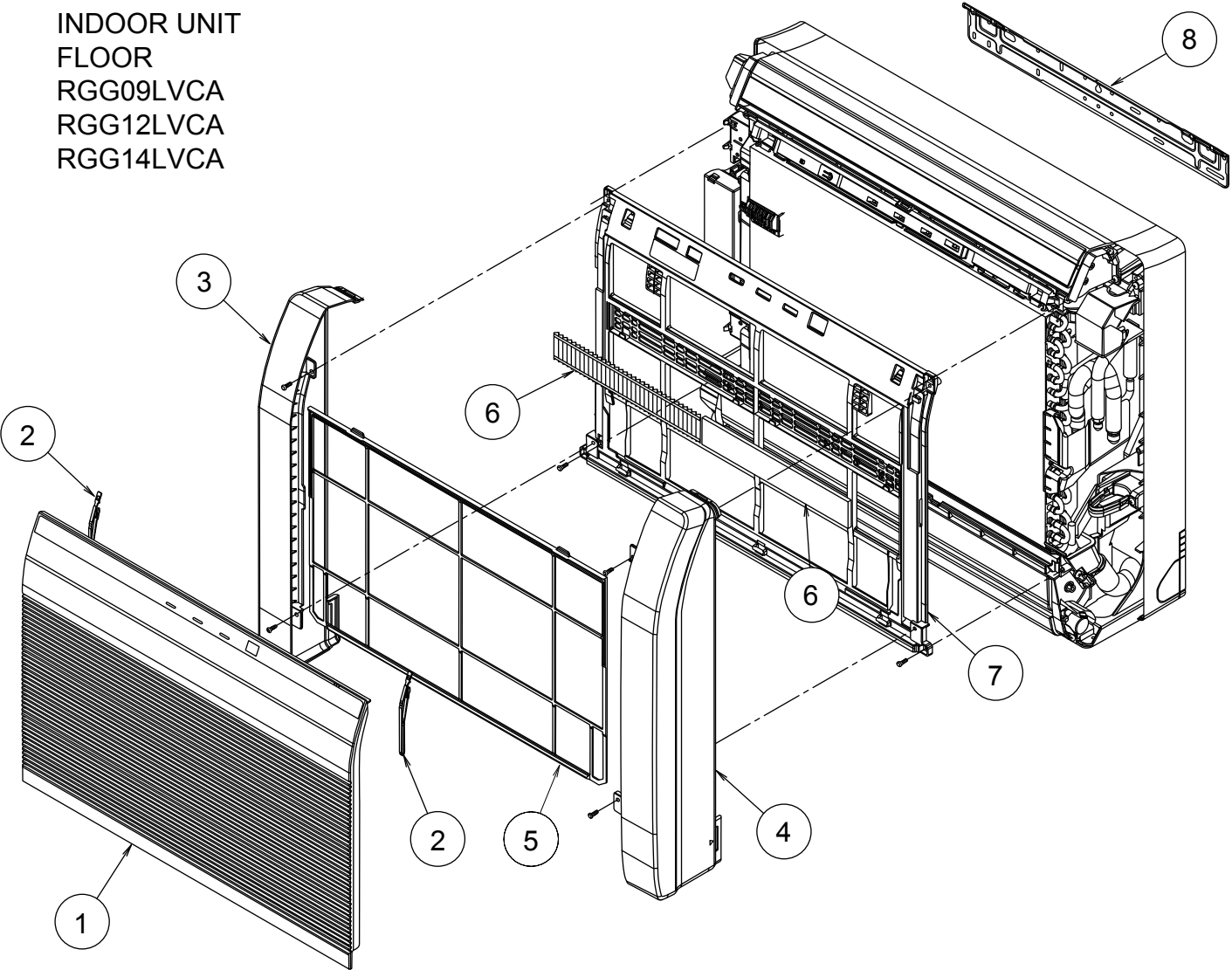
Ref.	Description	Part number	
21	Evaporator Total Assy (07)	9375720087	
21	Evaporator Total Assy (09, 12)	9375720032	
21	Evaporator Total Assy (14, 18)	9375720070	
22	Evaporator Holder	9375508012	
23	2 Stage Turbo Fan Assy	9375480011	
24	Fan Motor	9602436019	
25	Fan Motor Holder	9375552015	
26	Pump Assy	9900472030	
27	Drain Pump Holder B	9375518011	
28	Float Switch	9900361037	
29	Drain Port Sub Assy	9375718015	
30	Rubber (Pump)	9378426016	

INDOOR UNIT
 COMPACT CASSETTE
 RCG07LVLA
 RCG09LVLA
 RCG12LVLA
 RCG14LVLA
 RCG18LVLA
 Control unit



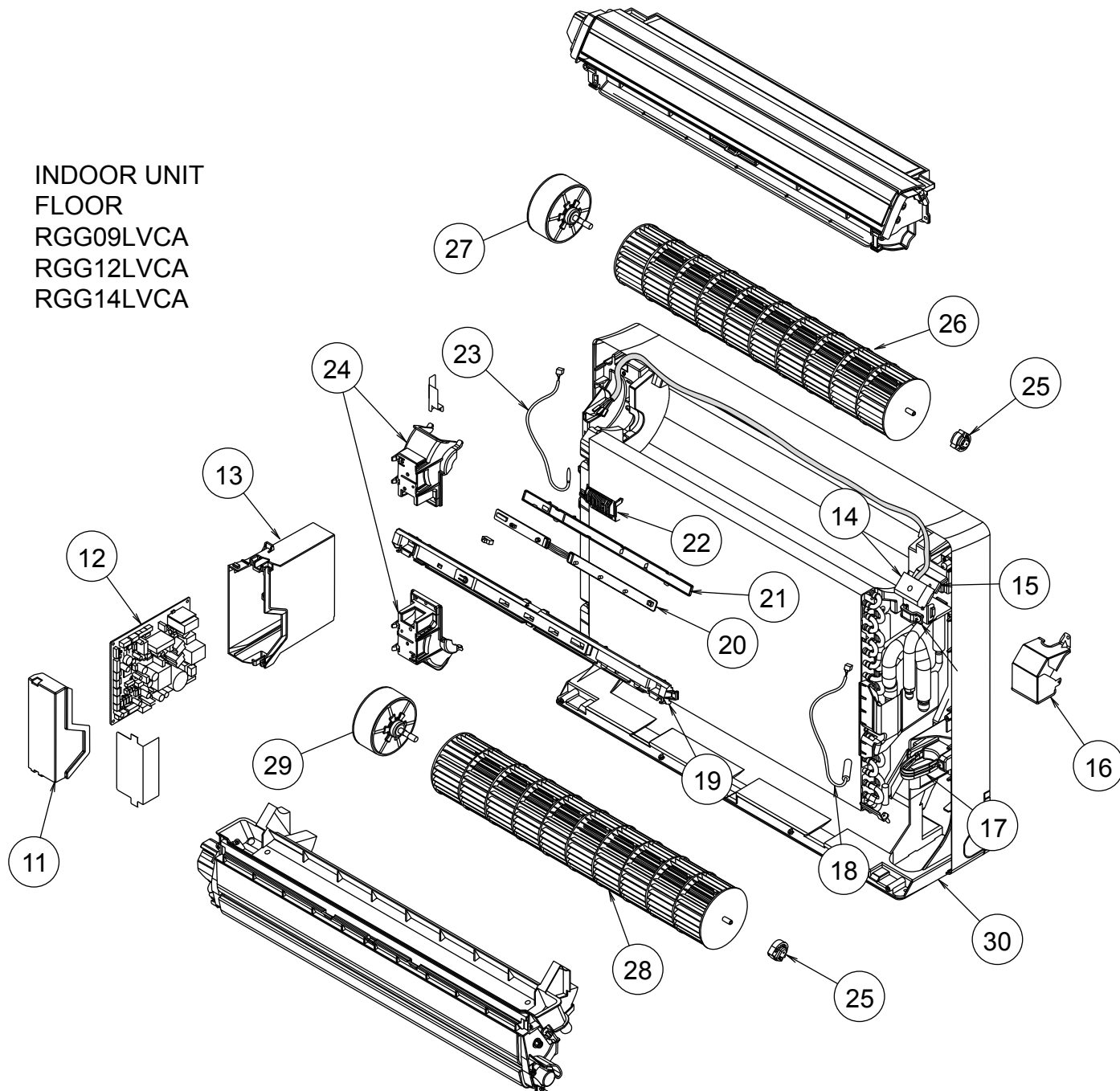
Ref.	Description	Part number	
31	Control Box Cover	9375512019	
32	Control Box A	9375511012	
33	Controller PCB Assy (07)	9709245408	
33	Controller PCB Assy (09)	9709245415	
33	Controller PCB Assy (12)	9707393750	
33	Controller PCB Assy (14)	9707393767	
33	Controller PCB Assy (18)	9707393774	
34	Power Supply PCB Assy (07, 09)	9707398380	
34	Power Supply PCB Assy (12, 14, 18)	9707398250	
35	Terminal	9306489045	
36	Terminal	9703345012	
--	Pipe Thermistor	9703297014	
--	Room Thermistor	9900502003	
--	Remote Control	9379219006	
--	Remote Control Holder	9305642045	

INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA



Ref	Description	Parts number	
1	Intake Grille Assy	9316418073	
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	

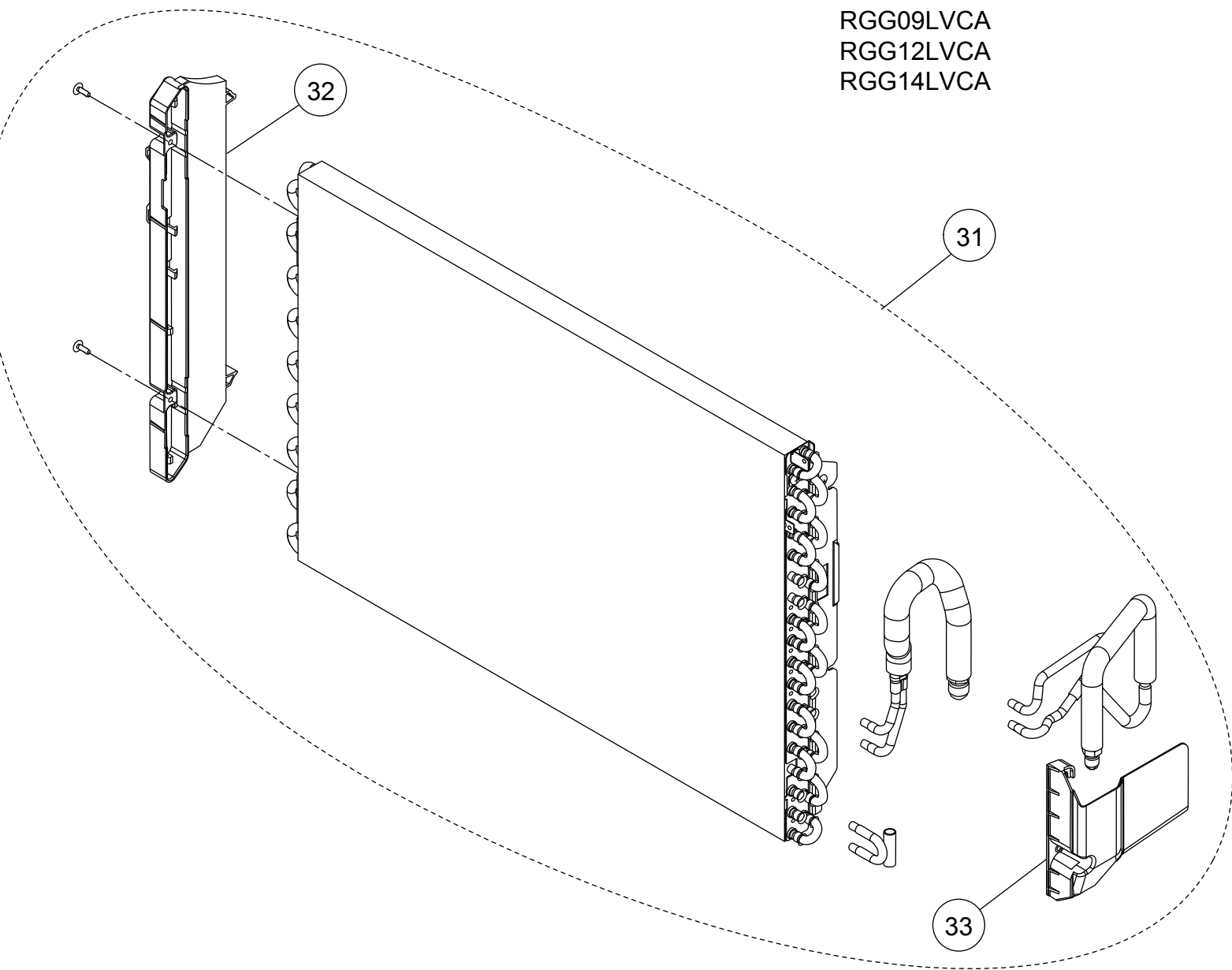
INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA



Ref	Description	Parts number
11	Control Cover	9316201019
12	Controller PCB Assy (09)	9708532073
12	Controller PCB Assy (12)	9708532080
12	Controller PCB Assy (14)	9708532097
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

Ref	Description	Parts number
20	Display PCB Assy	9707571042
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

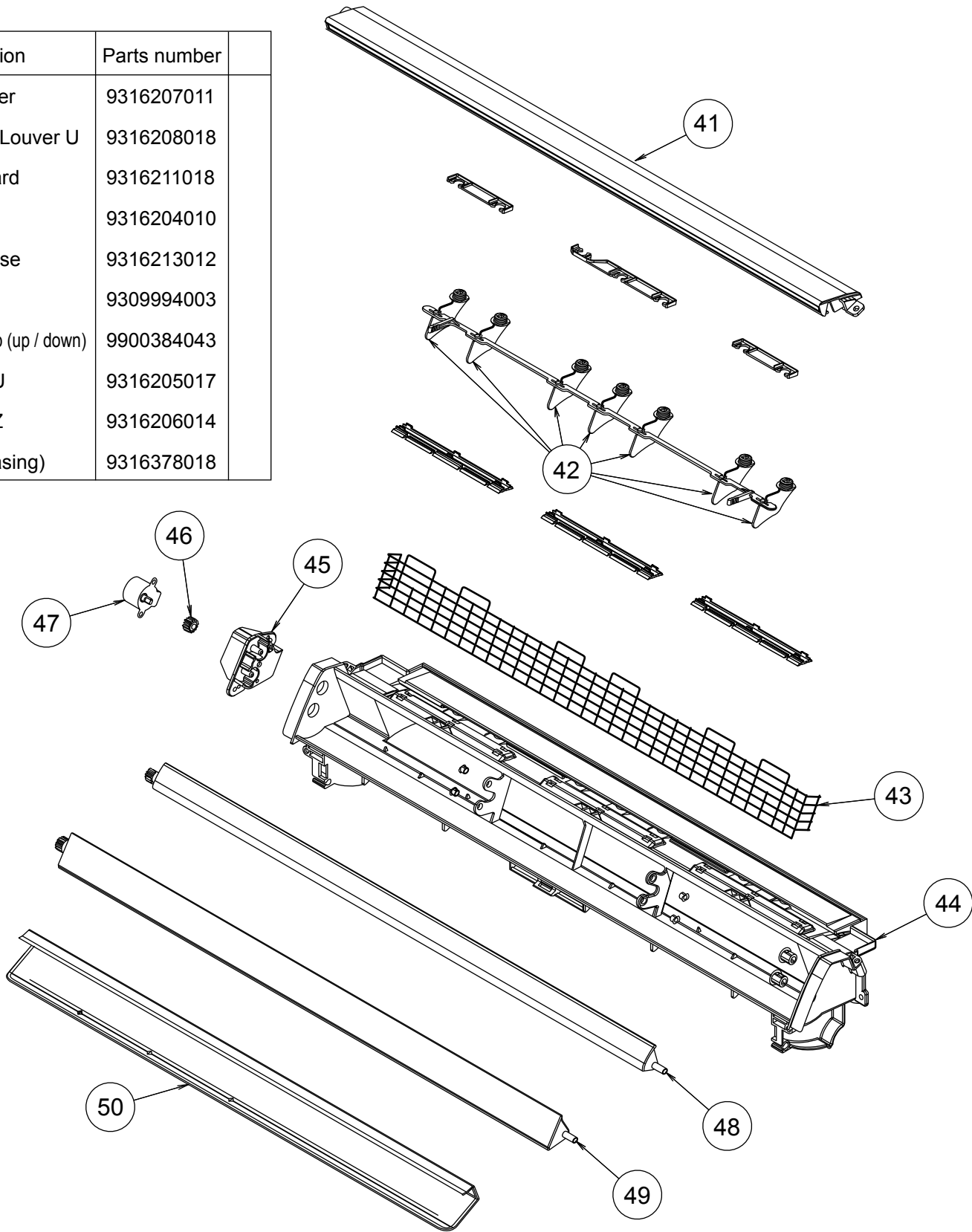
INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA



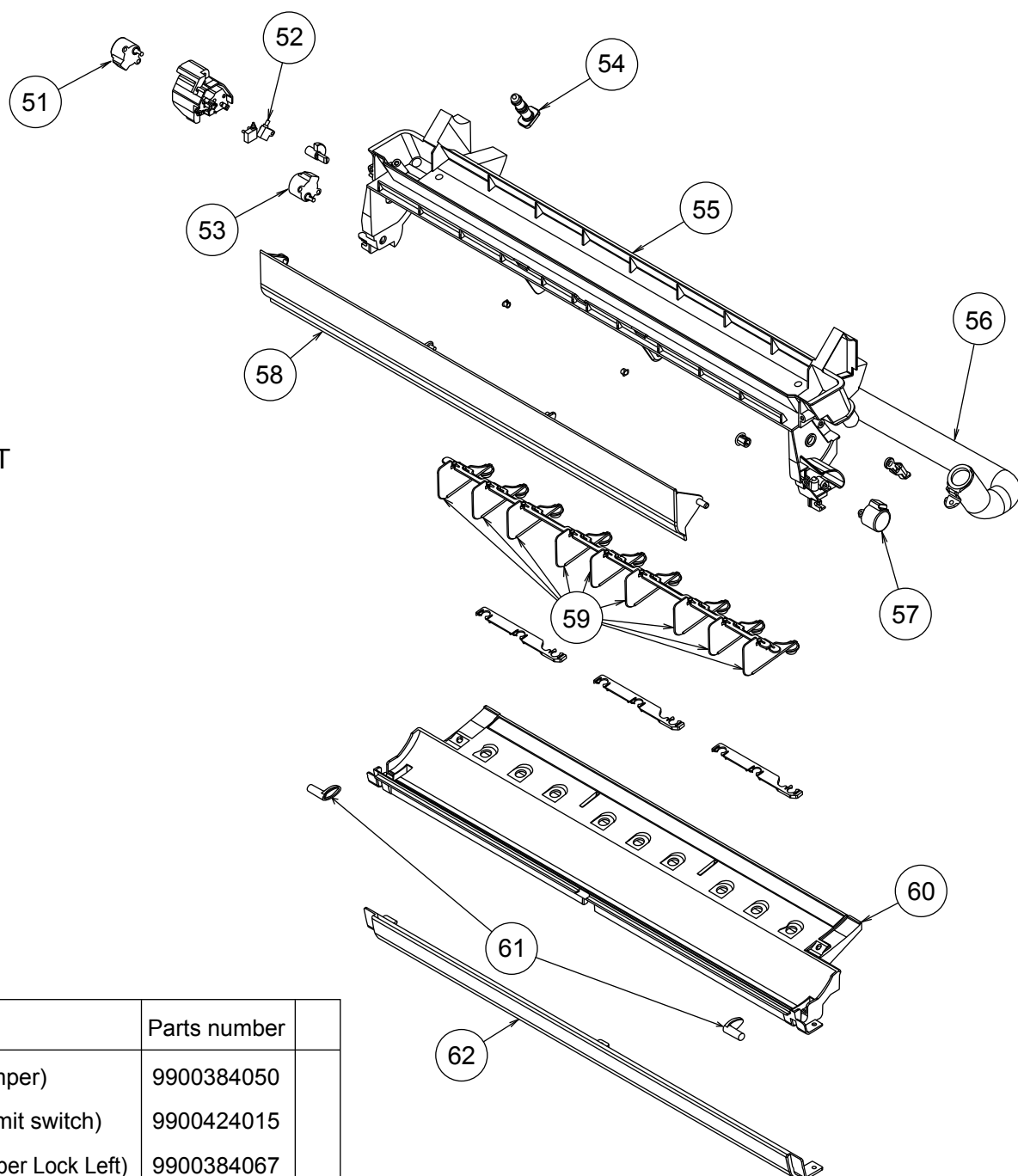
Ref	Description	Parts number	
31	Evaporator Total Assy (09, 12)	9316091016	
31	Evaporator Total Assy (14)	9316091023	
32	Evaporator Holder	9316199019	
33	Water Seal	9316271012	

INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA
Casing assy

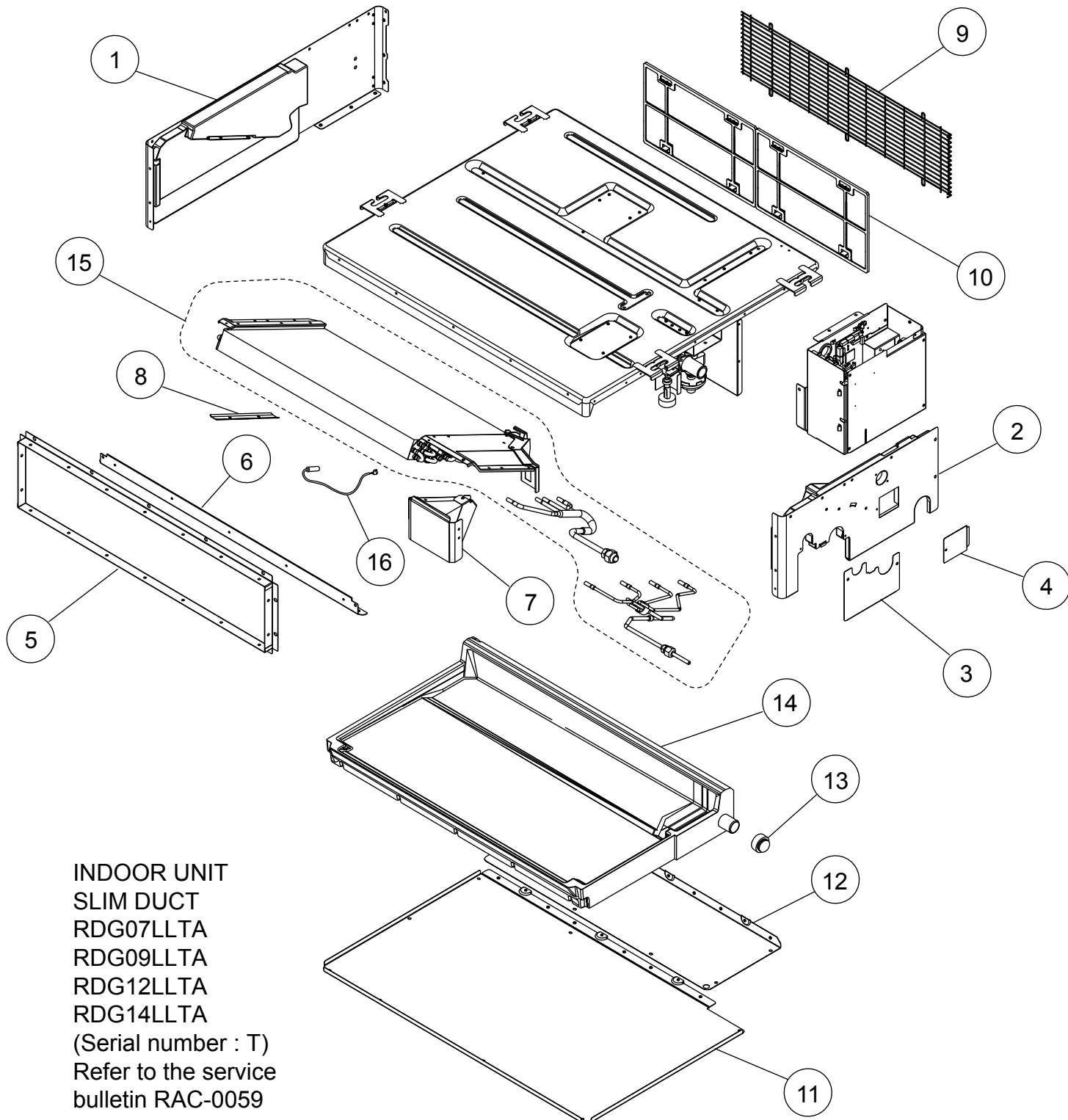
Ref	Description	Parts number	
41	Top Cover	9316207011	
42	R and L Louver U	9316208018	
43	Fan Guard	9316211018	
44	Casing	9316204010	
45	Gear Case	9316213012	
46	Gear A	9309994003	
47	Motor Step (up / down)	9900384043	
48	Louver U	9316205017	
49	Louver Z	9316206014	
50	REF (Casing)	9316378018	



INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA
Casing aast



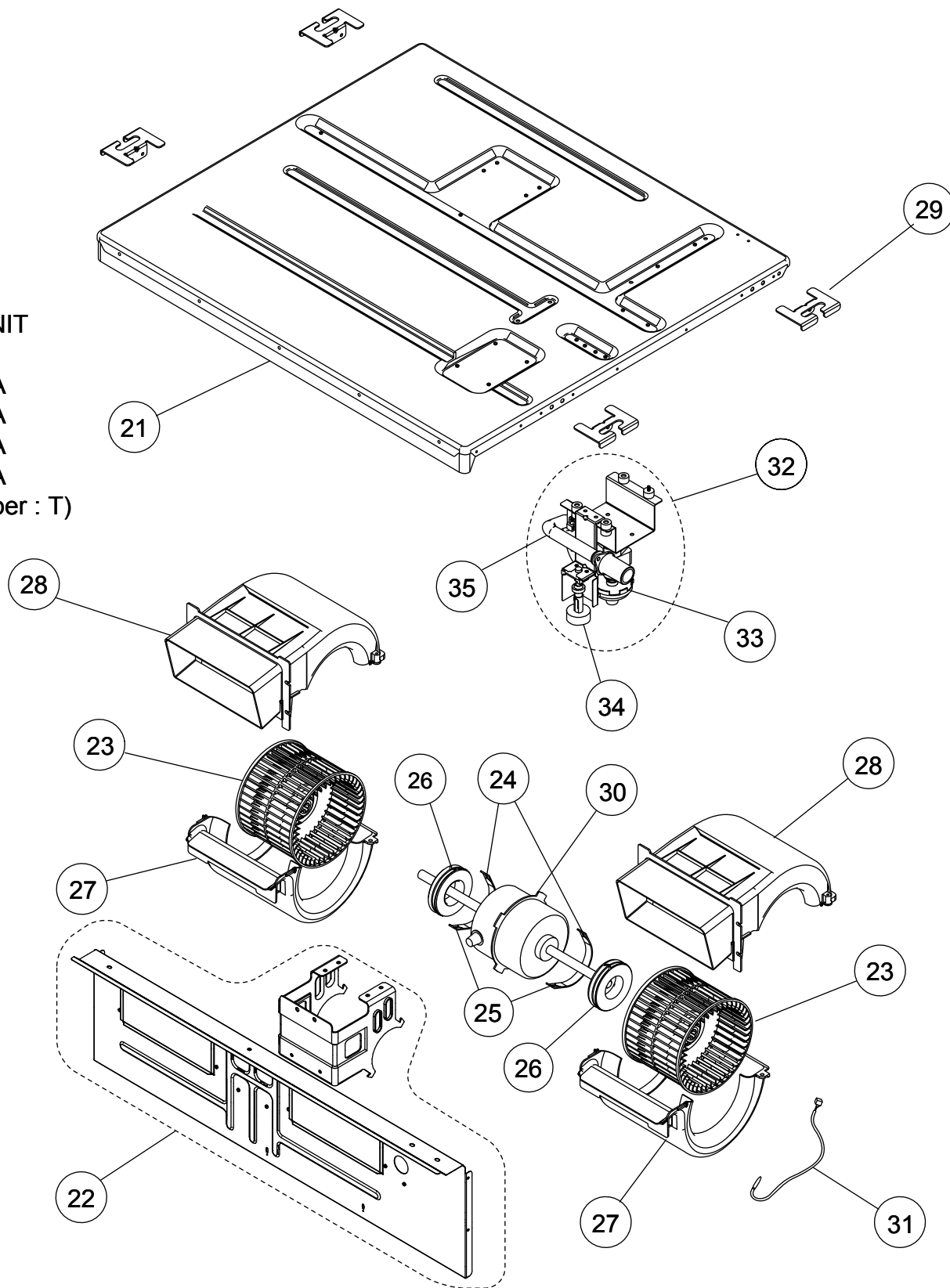
Ref	Description	Parts number	
51	Motor Step (Damper)	9900384050	
52	Switch Micro (Limit switch)	9900424015	
53	Motor Step (Damper Lock Left)	9900384067	
54	Drain Cap	9316177017	
55	Drain Pan U	9316214019	
56	Drain Hose Assy	9314147029	
57	Motor Step (Damper Lock Right)	9900384074	
58	Damper	9316216013	
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
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
(Serial number : T)
Refer to the service
bulletin RAC-0059

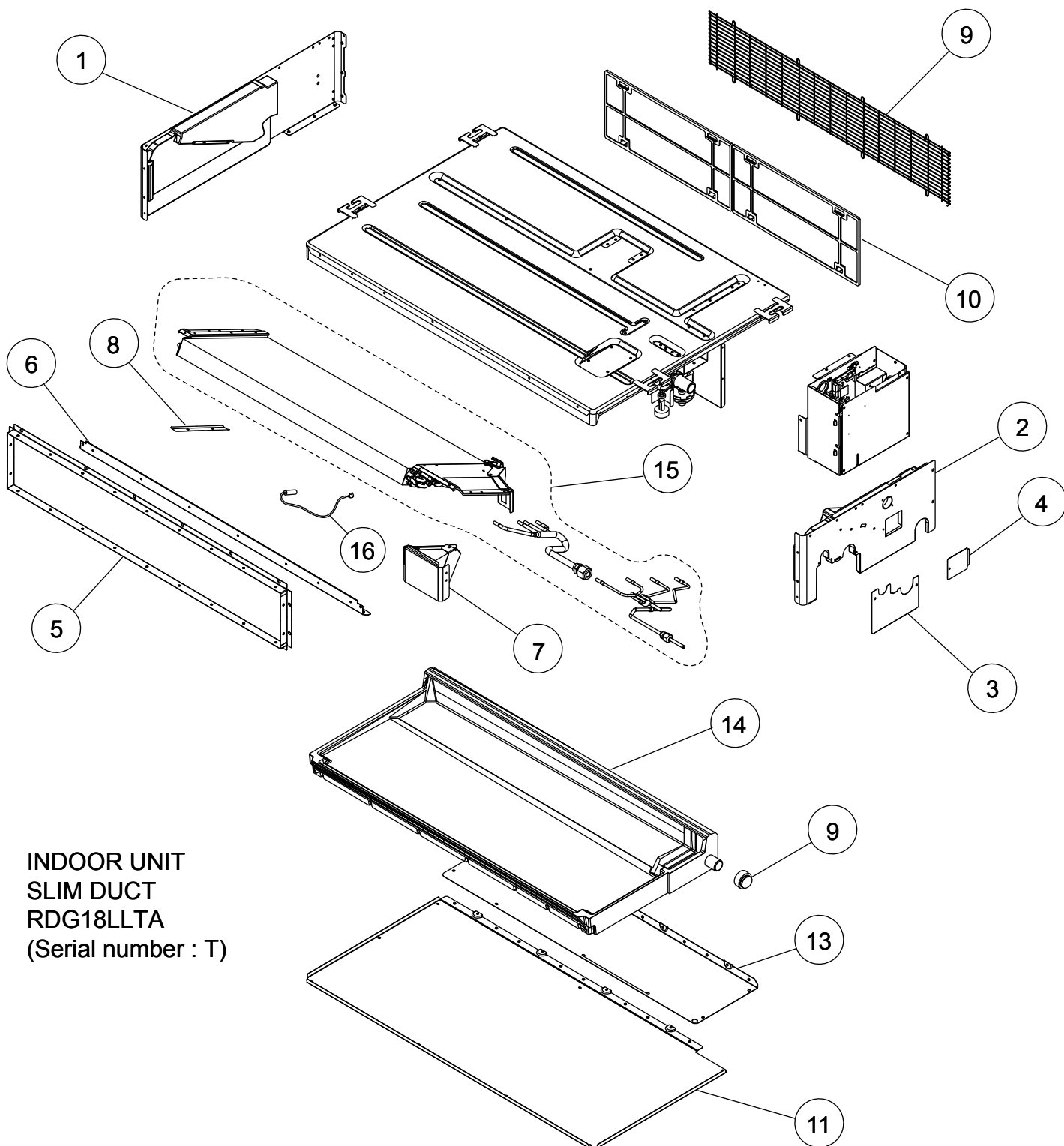
Ref	Description	Parts number	Ref	Description	Parts number
1	Side Panel R Sub Assy	9379906005	11	Main Panel Sub Assy	9379902007
2	Side Panel L Sub Assy	9379907002	12	Cabinet Panel (2 Fan)	9379596008
3	Pipe Panel Sub Assy	9379900003	13	Drain Cap	9358746004
4	Panel (Window) Sub Assy	9379915007	14	Drain Pan Sub Assy	9379901000
5	Outlet Frame Sub Assy	9379909006	15	Evaporater Total Assy (07)	9364499666
6	Front Panel (2 Fan)	9379593007	15	Evaporater Total Assy (09, 12)	9364499581
7	Valve Cover Sub Assy	9379576000	15	Evaporater Total Assy (14)	9364499673
8	Cover Pipe Sub Assy	9380033004	16	Pipe Thermistor	9900498085
9	Fan Guard (2 Fan)	9379637008	--	Hose Sub Assy	9378450103
10	Air Filter	9379574006			

INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
(Serial number : T)



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, 14)	9602967018
31	Room Thermistor	9703299247
32	Drain Pump Sub Assy	9379914000
33	Pump Assy	9900472047
34	Float Switch	9900465032
35	Drain Hose Assy	9379913003

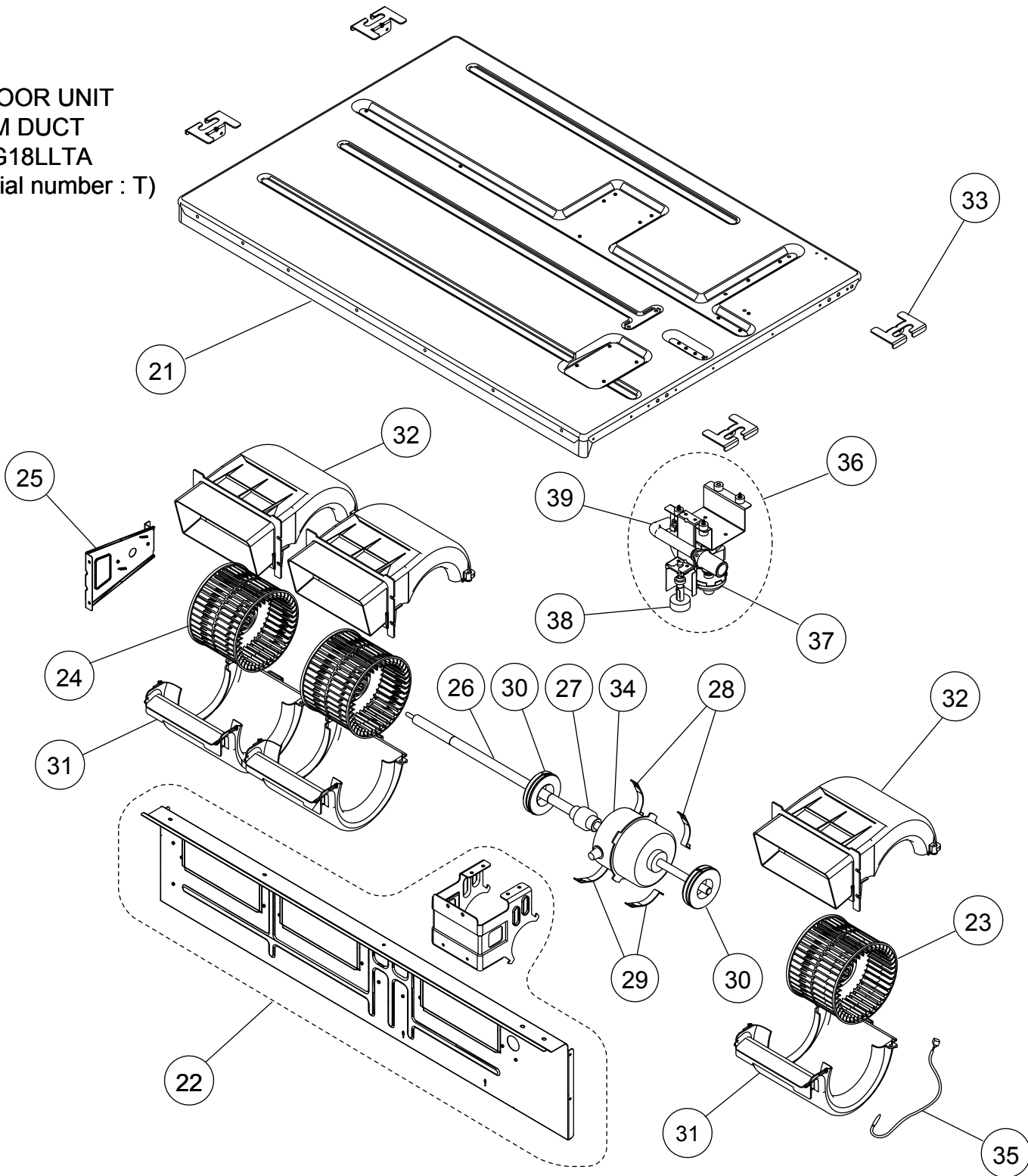


INDOOR UNIT
SLIM DUCT
RDG18LLTA
(Serial number : T)

Ref	Description	Parts number
1	Side Panel R Sub Assy	9379906005
2	Side Panel L Sub Assy	9379907002
3	Pipe Panel Sub Assy	9379900003
4	Panel (Window) Sub Assy	9379915007
5	Outlet Frame Sub Assy	9379909013
6	Front Panel (3 Fan)	9379594004
7	Valve Cover Sub Assy	9379576000
8	Cover Pipe Sub Assy	9380033004
9	Fan Guard (3 Fan)	9379638005

Ref	Description	Parts number
10	Air Filter	9379575003
11	Main Panel Sub Assy	9379902014
12	Cabinet Panel (3 Fan)	9379597005
13	Drain Cap	9358746004
14	Drain Pan Sub Assy	9379901017
15	Evaporator Total Assy	9364499604
16	Pipe Thermistor	9900498085
--	Hose Sub Assy	9378450103

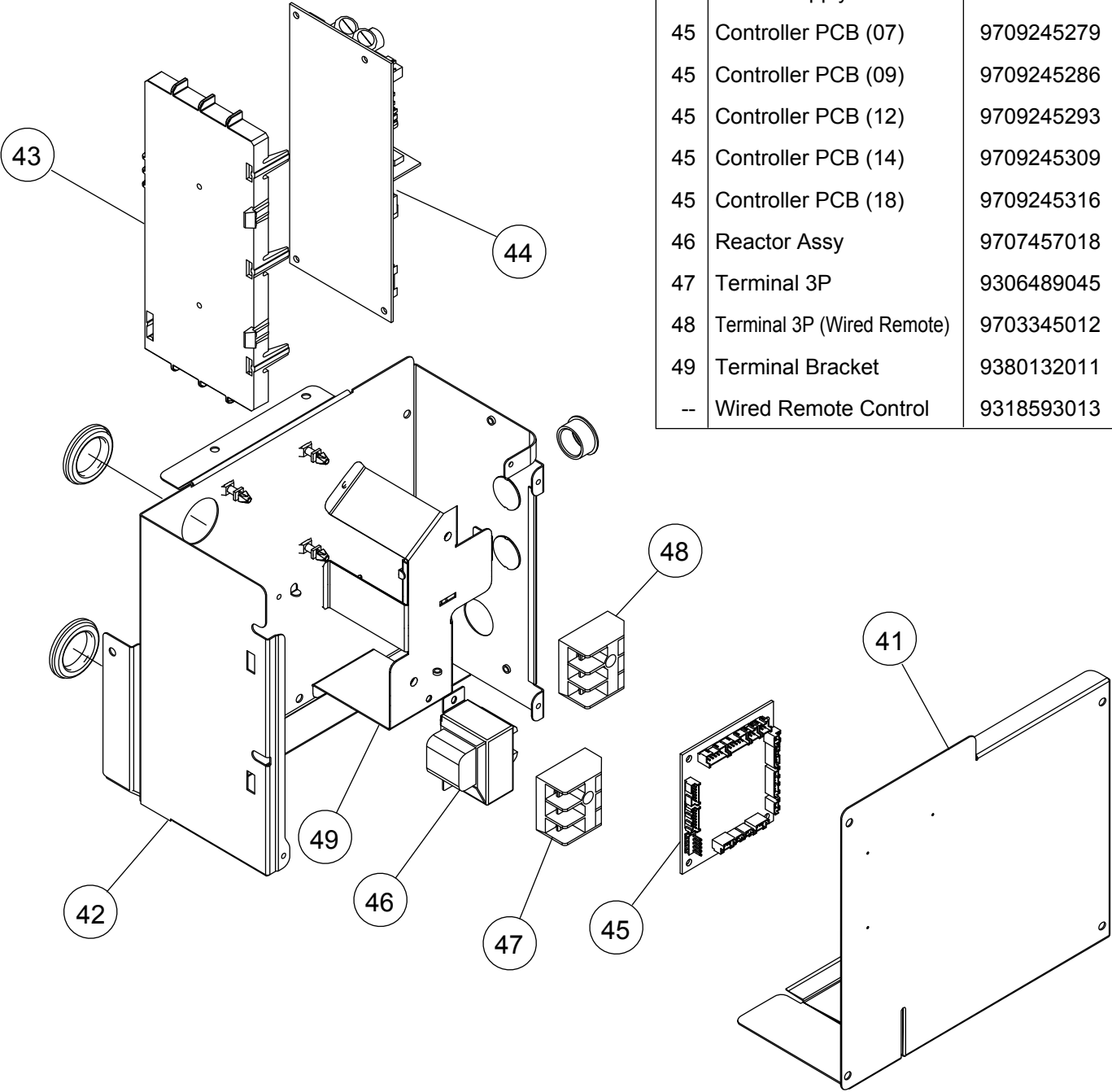
INDOOR UNIT
SLIM DUCT
RDG18LLTA
(Serial number : T)



Ref	Description	Parts number	
21	Top Panel Sub Assy	9379908016	
22	Separator Sub Assy	9379898010	
23	Sirroco Fan Assy	9379570022	
24	Sirroco Fan Assy	9379570039	
25	Bracket (Bearing Sub Assy)	9379627009	
26	Shaft Assy	9379805001	
27	Joint Assy	9378038011	
28	Motor Band Assy	9379613002	
29	Motor Band	9379614009	
30	Rubber (Vibration Proof)	9379644006	

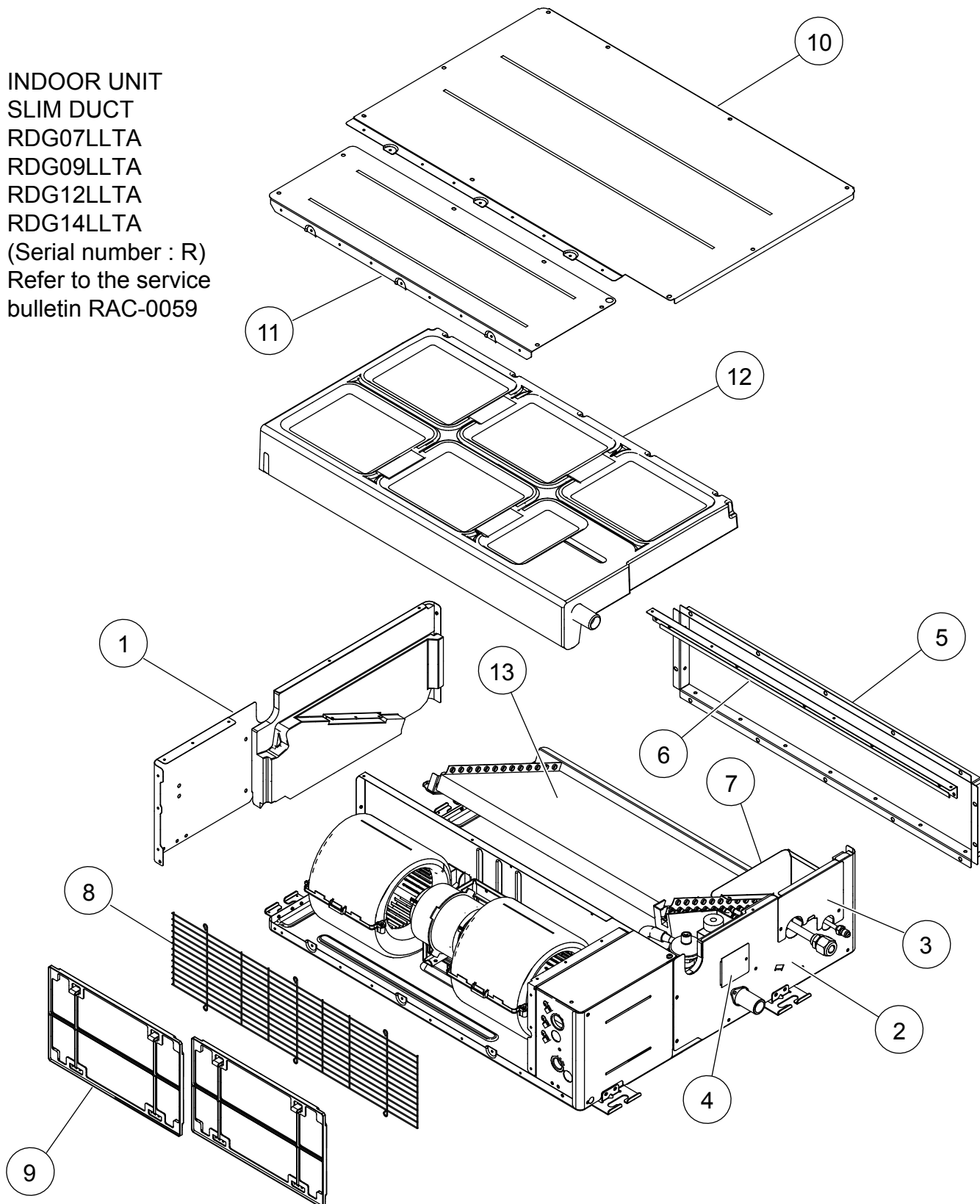
Ref	Description	Parts number	
31	Casing B	9379572002	
32	Casing U	9379571005	
33	Hook Metal	9379889001	
34	Fan Motor Assy	9602968015	
35	Thermistor (Room)	9703299247	
36	Drain Pump Sub Assy	9379914000	
37	Pump Assy	9900472047	
38	Float Switch	9900465032	
39	Drain Hose Assy	9379913003	

INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
RDG18LLTA
(Serial number : T)

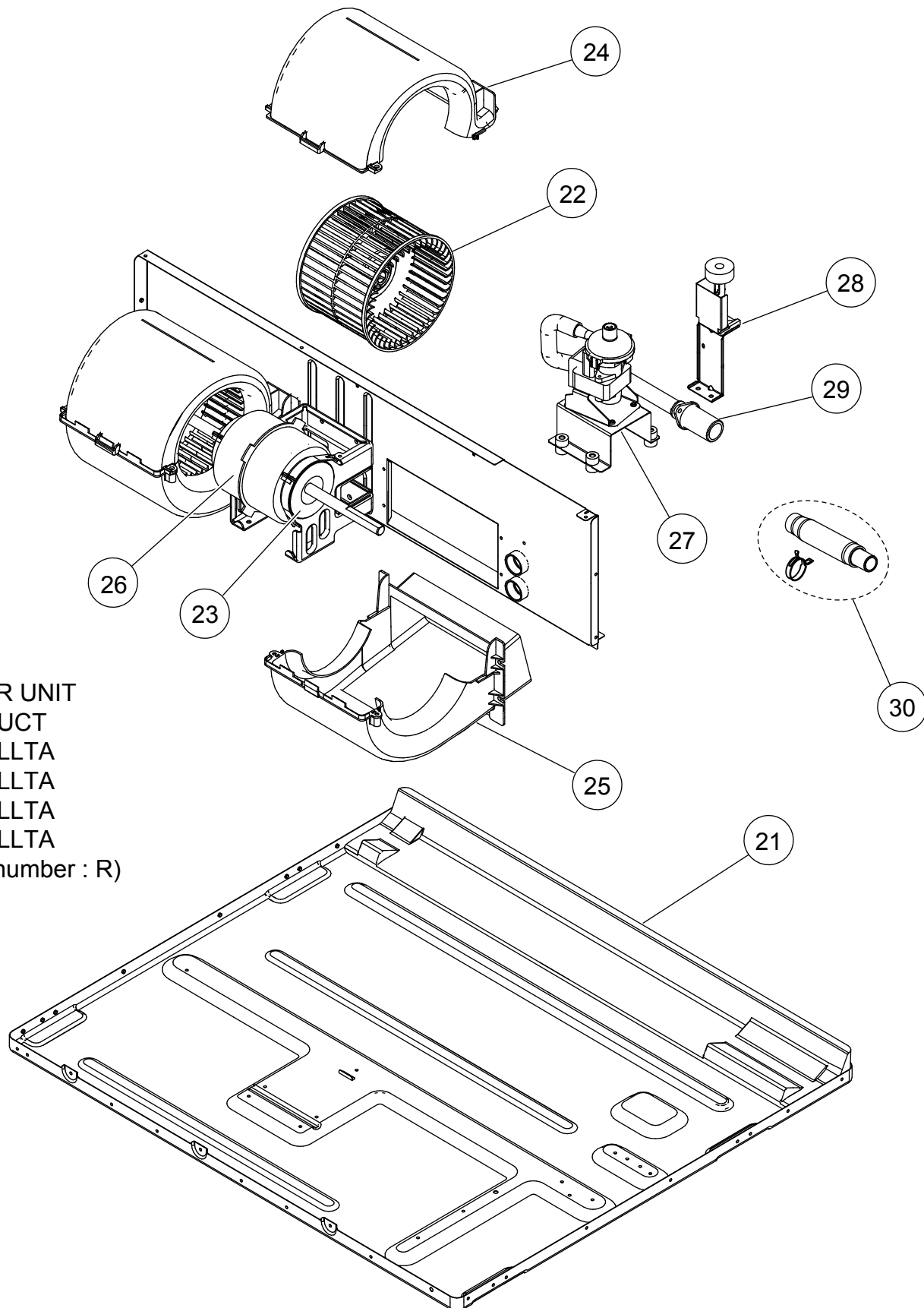


Ref	Description	Parts number	
41	Control Cover Sub Assy	9379806039	
42	Control Box Assy	9380041023	
43	PCB Holder	9379402002	
44	Power Supply PCB	9707398267	
45	Controller PCB (07)	9709245279	
45	Controller PCB (09)	9709245286	
45	Controller PCB (12)	9709245293	
45	Controller PCB (14)	9709245309	
45	Controller PCB (18)	9709245316	
46	Reactor Assy	9707457018	
47	Terminal 3P	9306489045	
48	Terminal 3P (Wired Remote)	9703345012	
49	Terminal Bracket	9380132011	
--	Wired Remote Control	9318593013	

INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
(Serial number : R)
Refer to the service
bulletin RAC-0059



Ref	Description	Parts number	Ref	Description	Parts number
1	Side Panel R Sub Assy	9379906012	9	Air Filter	9379574006
2	Side Panel L Sub Assy	9379907019	10	Main Panel (2 Fan)	9380602002
3	Pipe Panel Sub Assy	9379900003	11	Cabinet Panel (2 Fan)	9380597001
4	Panel (Window) Sub Assy	9379915007	12	Drain Pan Sub Assy	9379901048
5	Outlet Frame Assy	9380042006	13	Evaporator Total Assy (07)	9380682080
6	Front Panel (2 Fan)	9380594000	13	Evaporator Total Assy (09, 12)	9380682042
7	Valve Cover Sub Assy	9379576017	13	Evaporator Total Assy (14)	9380682059
8	Fan Guard (2 Fan)	9380589006			

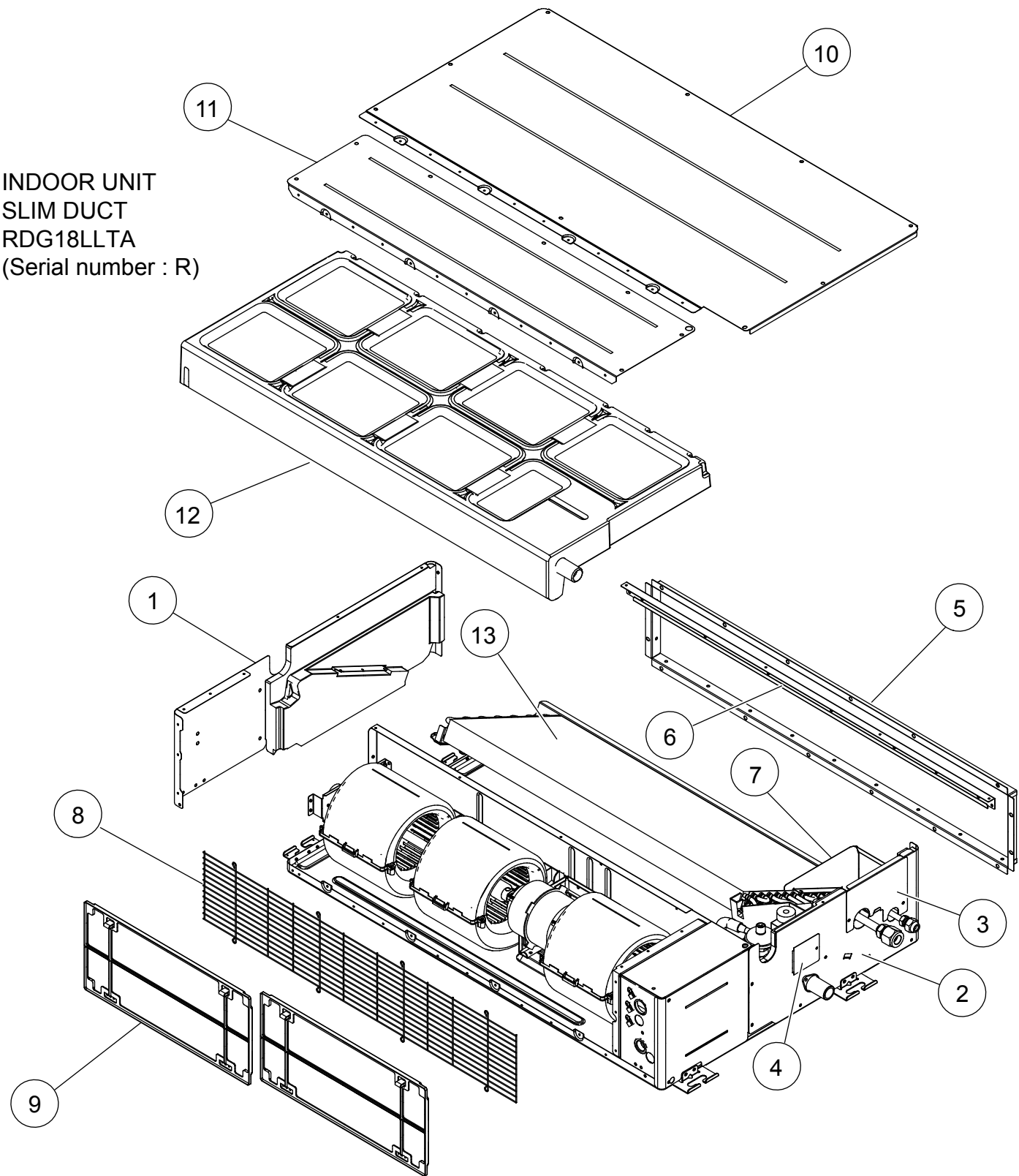


INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
(Serial number : R)

Ref	Description	Parts number	
21	Top Panel Sub Assy	9379908030	
22	Sirroco Fan Assy	9379570015	
23	Rubber (Vibration Proof)	9379644006	
24	Casing B	9379572002	
25	Casing U	9379571005	
26	Fan Motor Assy (07)	9603139018	

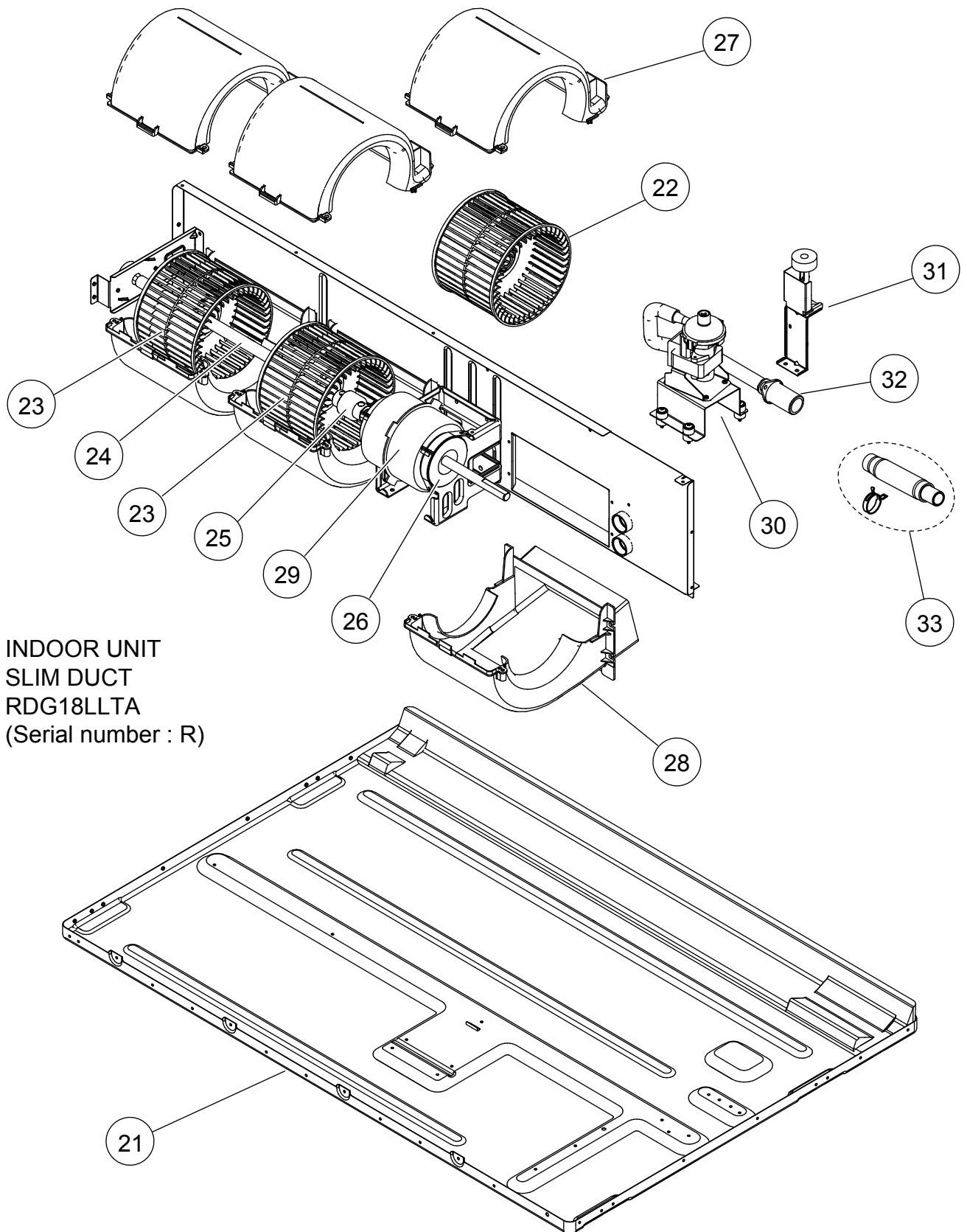
Ref	Description	Parts number	
26	Fan Motor (09, 12, 14)	9602967025	
27	Drain Pump Sub Assy	9379914024	
28	Float Switch Sub Assy	9378593022	
29	Drain Hose Assy	9379913003	
30	Hose Sub Assy	9378450097	

INDOOR UNIT
SLIM DUCT
RDG18LLTA
(Serial number : R)



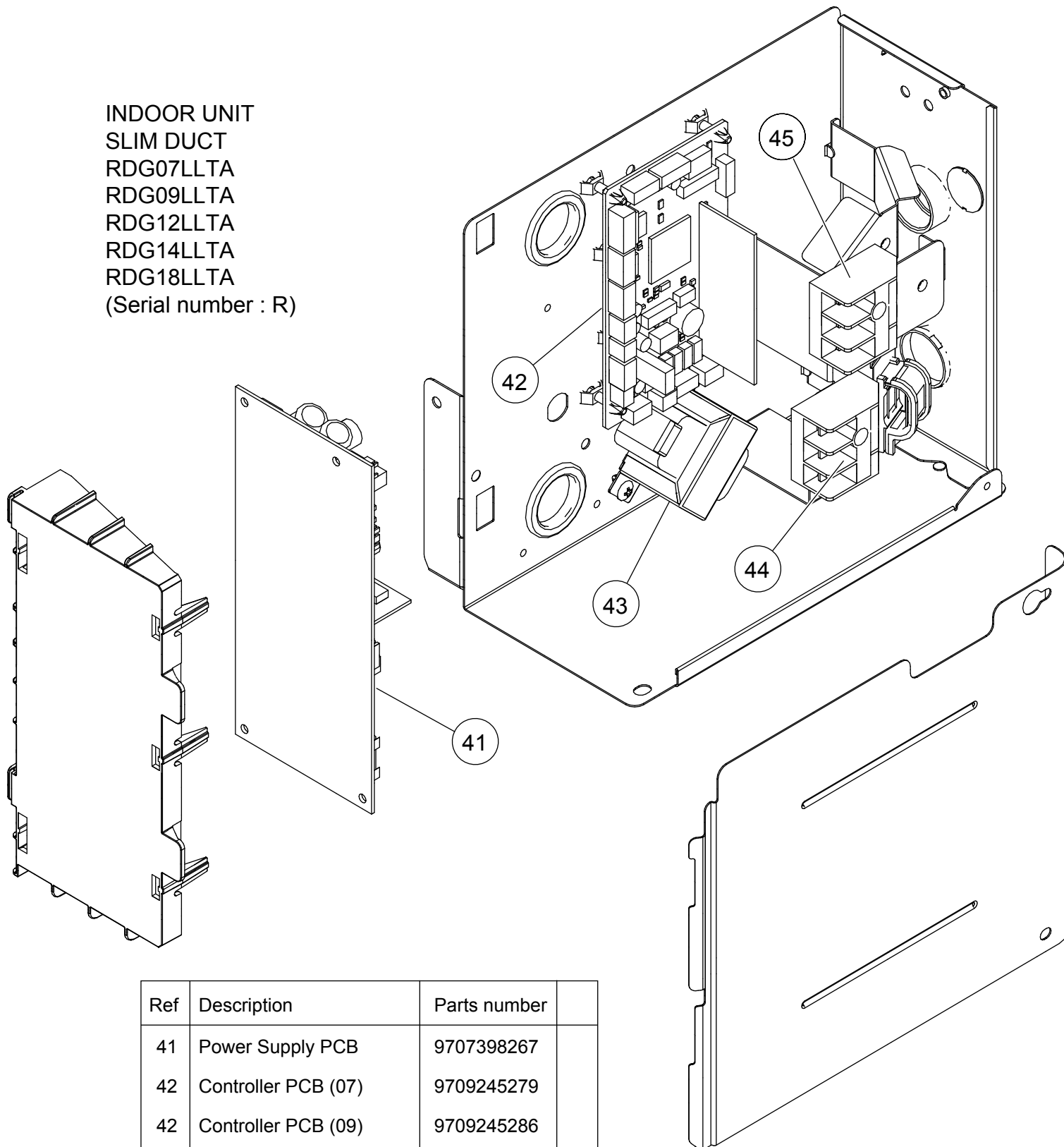
Ref	Description	Parts number	
1	Side Panel R Sub Assy	9379906012	
2	Side Panel L Sub Assy	9379907019	
3	Pipe Panel Sub Assy	9379900003	
4	Panel (Window) Sub Assy	9379915007	
5	Outlet Frame Assy	9380042013	
6	Front Panel (3 Fan)	9380595007	
7	Valve Cover Sub Assy	9379576017	

Ref	Description	Parts number	
8	Fan Guard (3 Fan)	9380590002	
9	Air Filter	9379575003	
10	Main Panel (3 Fan)	9380603009	
11	Cabinet Panel (3 Fan)	9380598008	
12	Drain Pan Sub Assy	9379901055	
13	Evaporator Total Assy	9380682066	

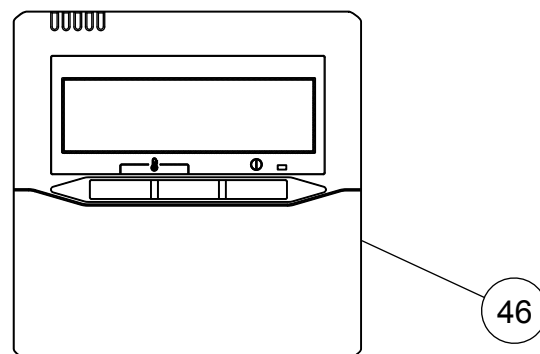


Ref	Description	Parts number		Ref	Description	Parts number	
21	Top Panel Sub Assy	9379908047		28	Casing U	9379571005	
22	Sirroco Fan Assy	9379570022		29	Fan Motor Assy	9602968022	
23	Sirroco Fan Assy	9379570039		30	Drain Pump Sub Assy	9379914024	
24	Shaft	9380398004		31	Float Switch Sub Assy	9378593022	
25	Joint Assy	9378038011		32	Drain Hose Assy	9379913003	
26	Rubber (Vibration Proof)	9379644006		33	Hose Sub Assy	9378450097	
27	Casing B	9379572002					

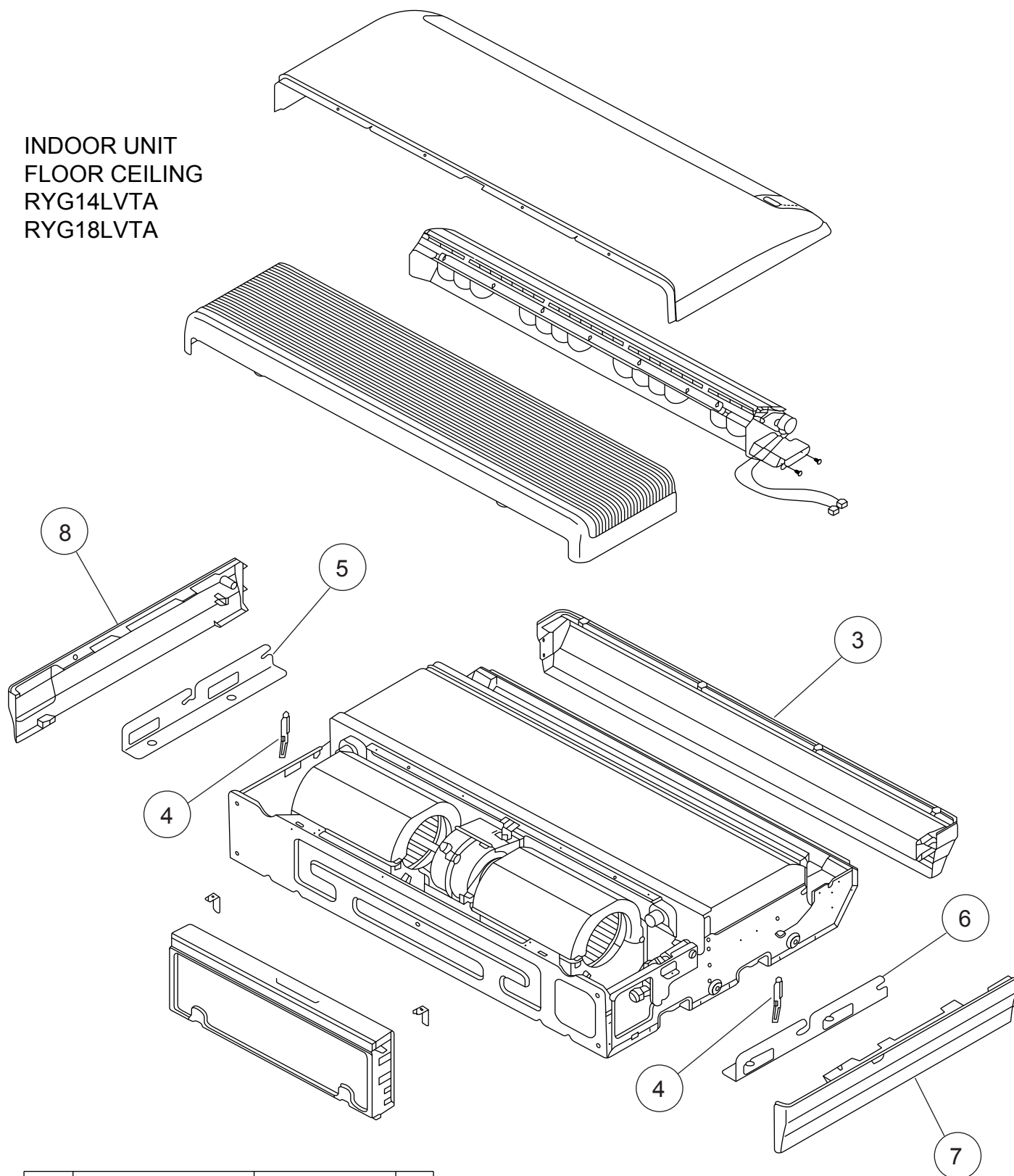
INDOOR UNIT
SLIM DUCT
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
RDG18LLTA
(Serial number : R)



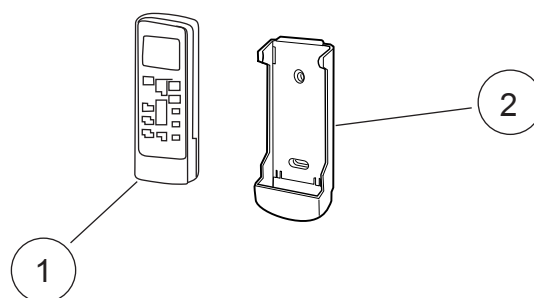
Ref	Description	Parts number	
41	Power Supply PCB	9707398267	
42	Controller PCB (07)	9709245279	
42	Controller PCB (09)	9709245286	
42	Controller PCB (12)	9709245293	
42	Controller PCB (14)	9709245309	
42	Controller PCB (18)	9709245316	
43	Reactor Assy	9707457018	
44	Terminal 3P	9306489045	
45	Terminal 3P (Wired Remote)	9703345012	
46	Wired Remote Control	9318593013	
--	Room Thermistor	9900653002	
--	Pipe Thermistor	9900498108	

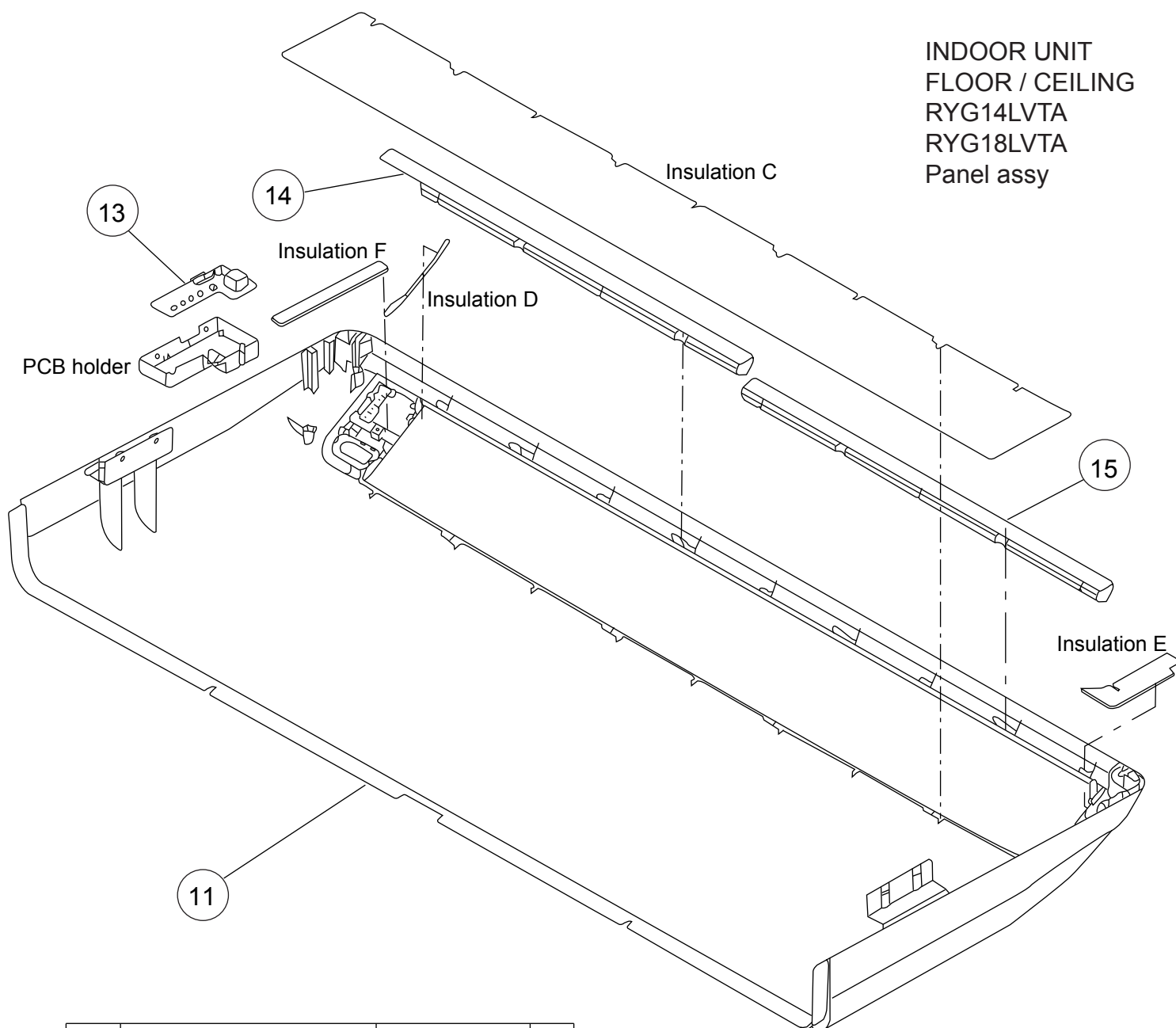


INDOOR UNIT
FLOOR CEILING
RYG14LVTA
RYG18LVTA

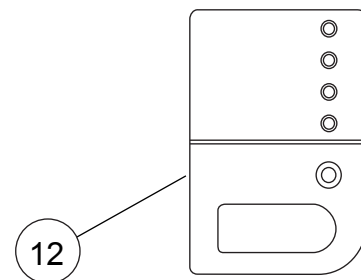


Ref.	Description	Part number	
1	Remote	9379219037	
2	Remote Holder	9305642045	
3	Top Cover	9358534021	
4	Arm	9358565001	
5	Hanger Bracket L	9358596005	
6	Hanger Bracket R	9358595008	
7	Cosmetic Panel R	9358535028	
8	Cosmetic Panel L	9358536025	

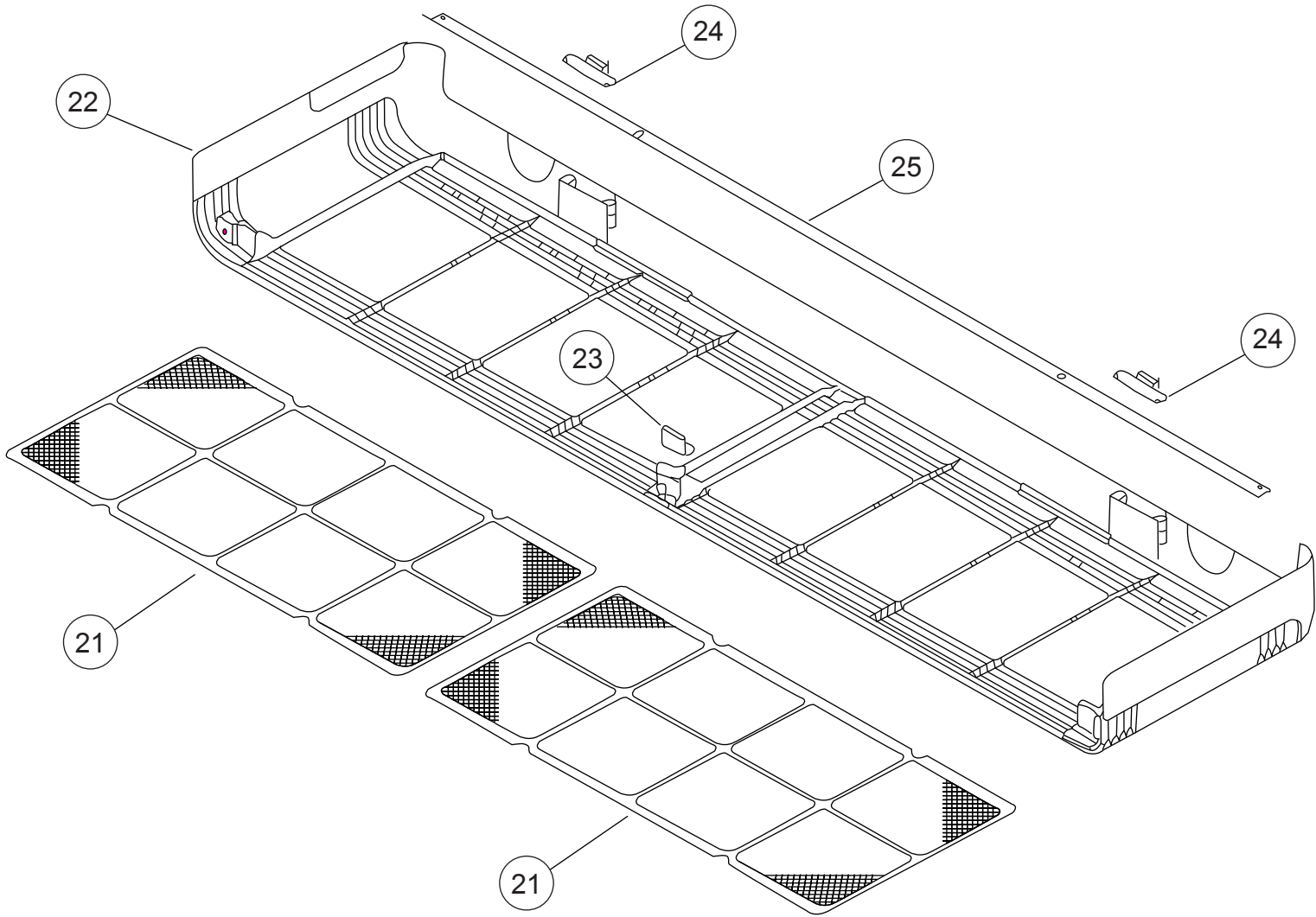




Ref.	Description	Part number	
11	Panel	9358531273	
12	Side Cover R Assy	9359069119	
13	Indicator PCB Assy	9705798090	
14	Insulation (Panel) A	9358574003	
15	Insulation (Panel) B	9358914007	
--	Panel Assy (with side cover R)	9359076346	

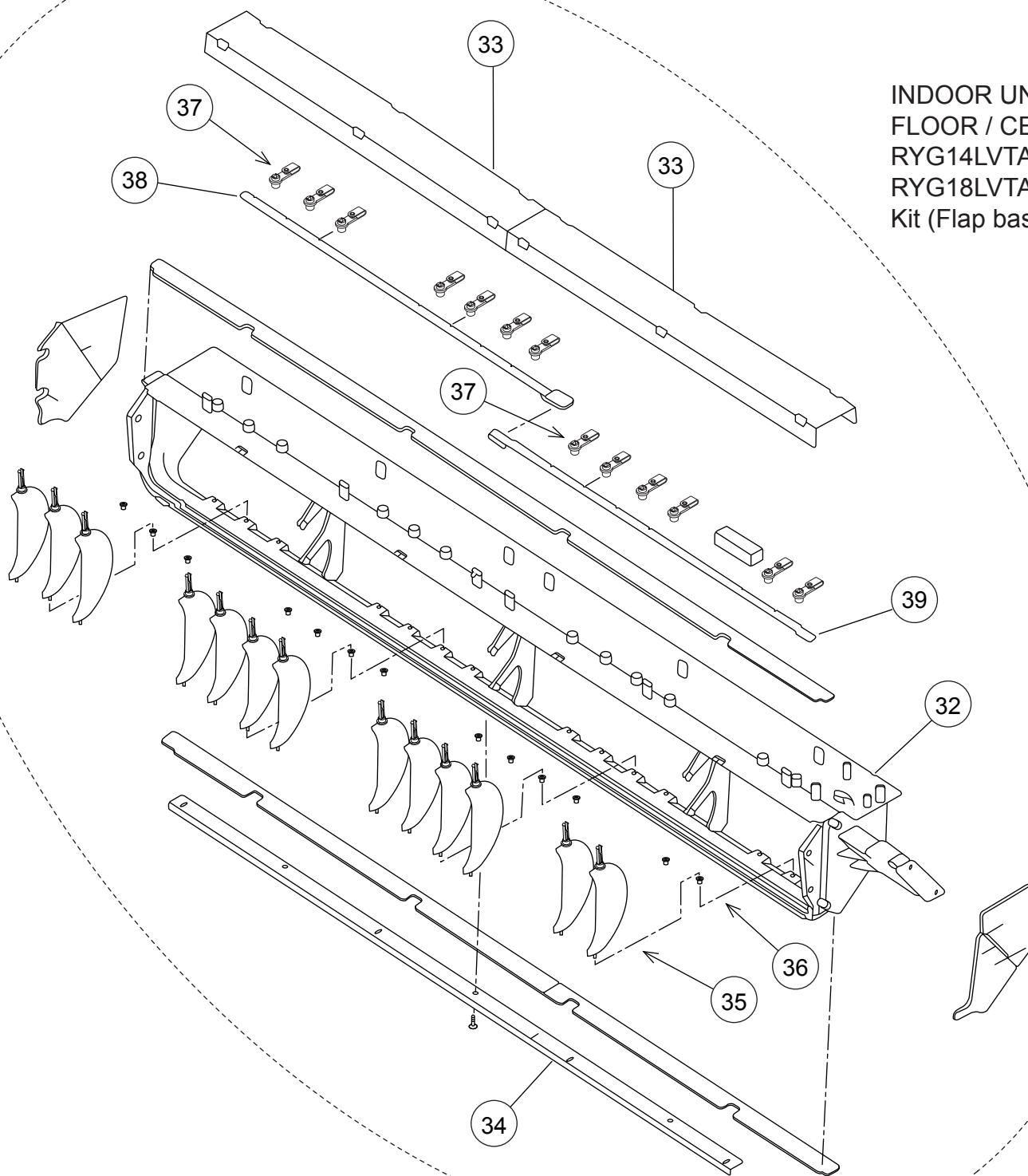


INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA
Grille



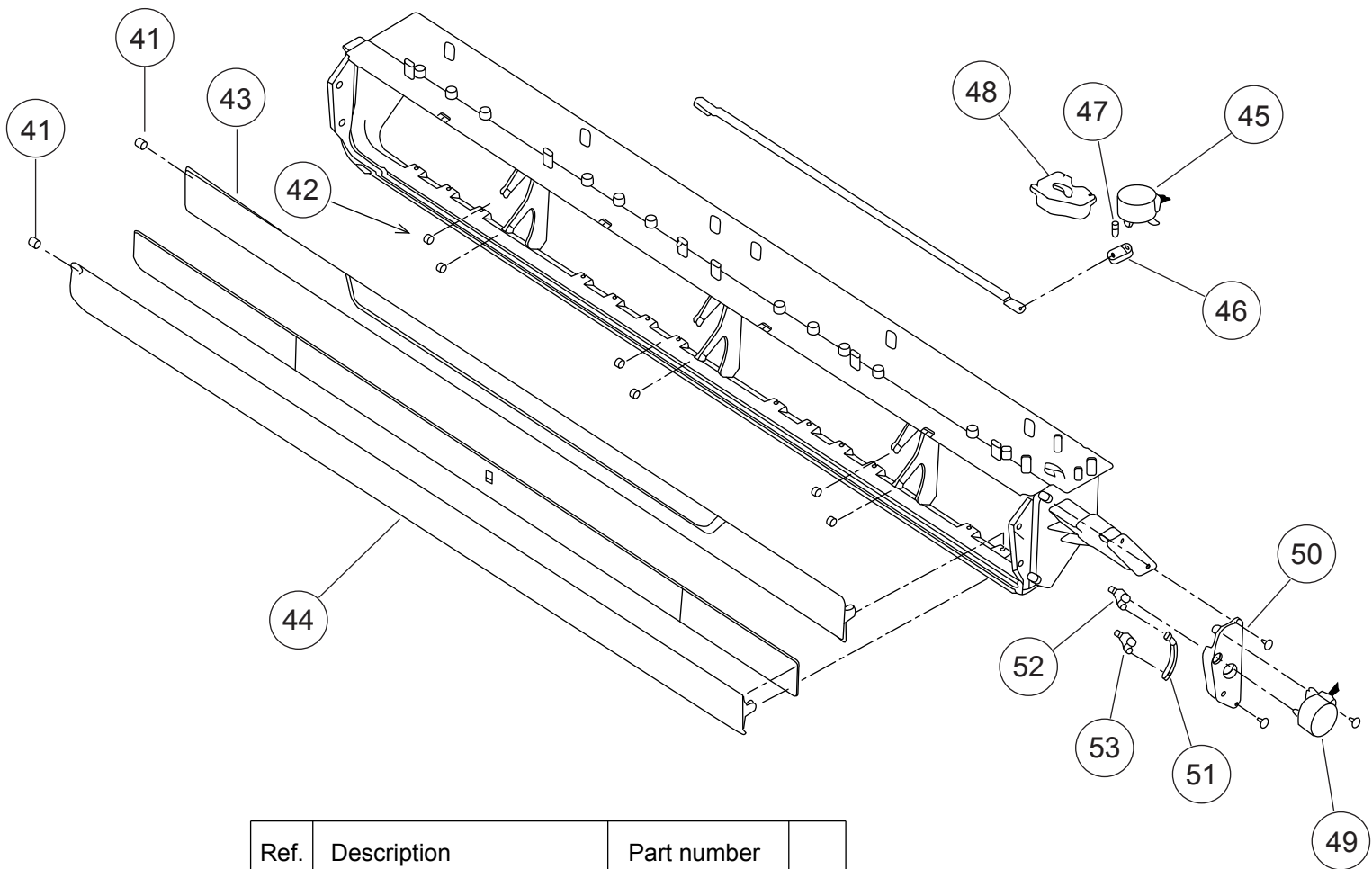
Ref.	Description	Part number	
21	Air Filter	9358567029	
22	Grill G	9358533034	
23	Arm Bracket	9359281009	
24	Grille Support	9358602003	
25	Filter Bracket	9358607008	

INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA
Kit (Flap base)



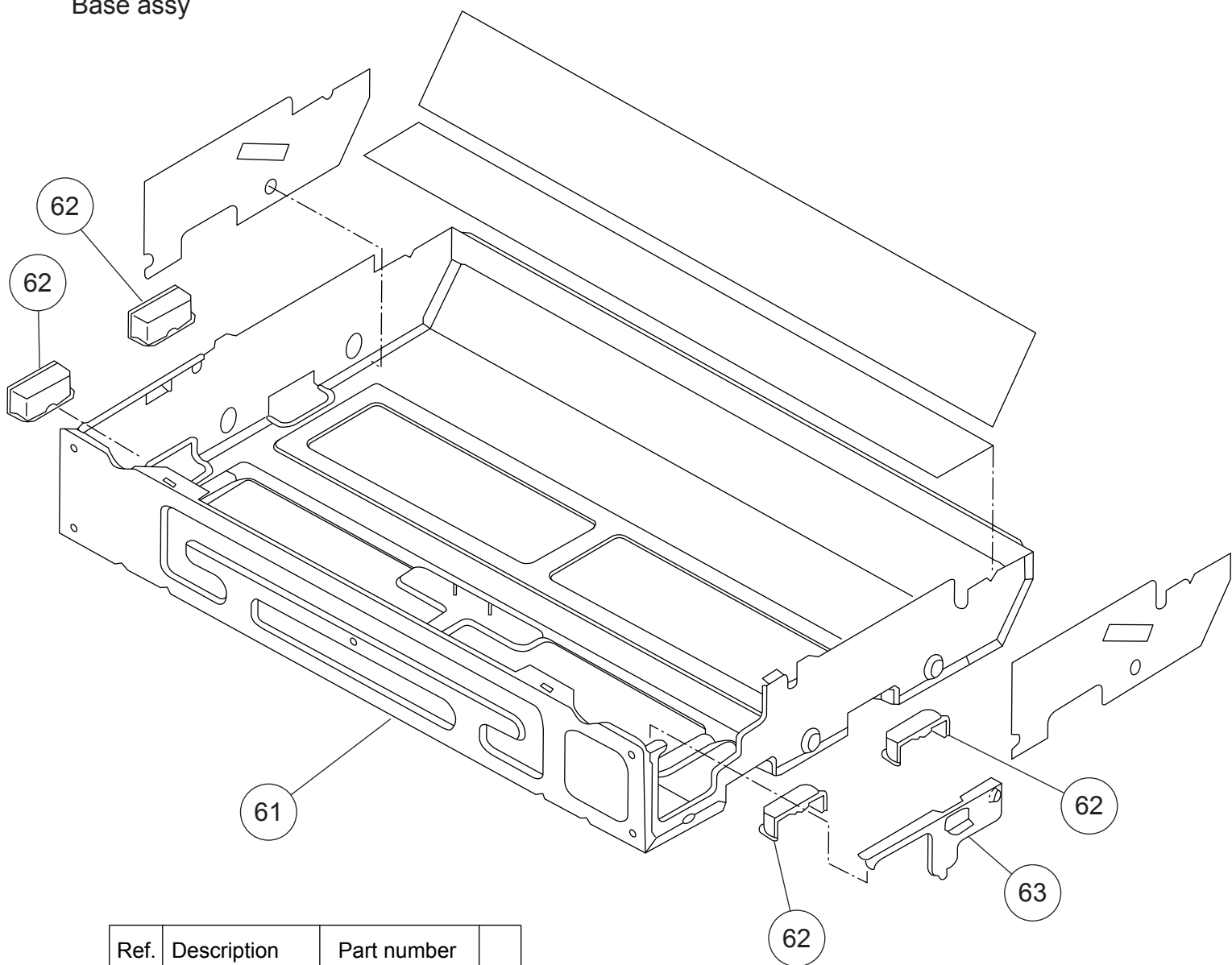
Ref.	Description	Part number	
31	Kit (Flap Base)	9372670040	
32	Flap Base	9358537022	
33	Protect Cover	9358564011	
34	Support Stay	9358599006	
35	Louver	9358561027	
36	Bushing B	9358554005	
37	Louver Stopper	9358555002	
38	Louver Rod	9358559017	
39	Motor Rod	9358560013	

INDOOR UNIT
 FLOOR / CEILING
 RYG14LVTA
 RYG18LVTA
 Flap base sub assy

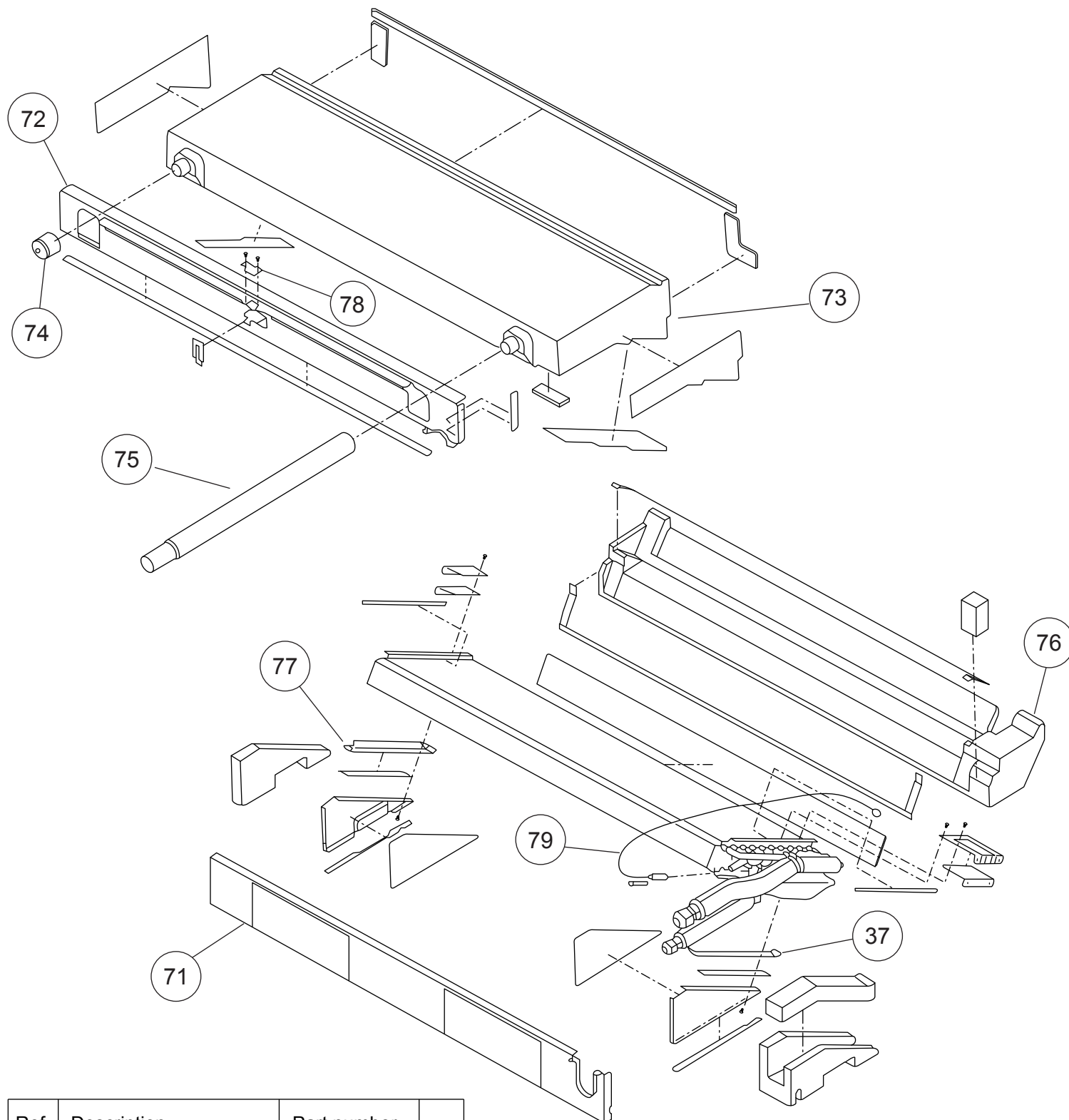


Ref.	Description	Part number	
41	Bushing	9357942001	
42	Bushing C	9358553008	
43	Flap (Upper) O	9358540015	
44	Kit (Flap Lower)	9372671023	
45	Step Motor H	9900297015	
46	Louver Link	9358556009	
47	Louver Shaft	9358557006	
48	Louver Link Cover	9358558010	
49	Step Motor-V	9900362010	
50	Motor Base	9358562017	
51	Motor Rod-A (Step V)	9358550007	
52	Flap Link-Upper (Step V)	9358551004	
53	Flap Link-Lower (Step V)	9358552001	

INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA
Base assy

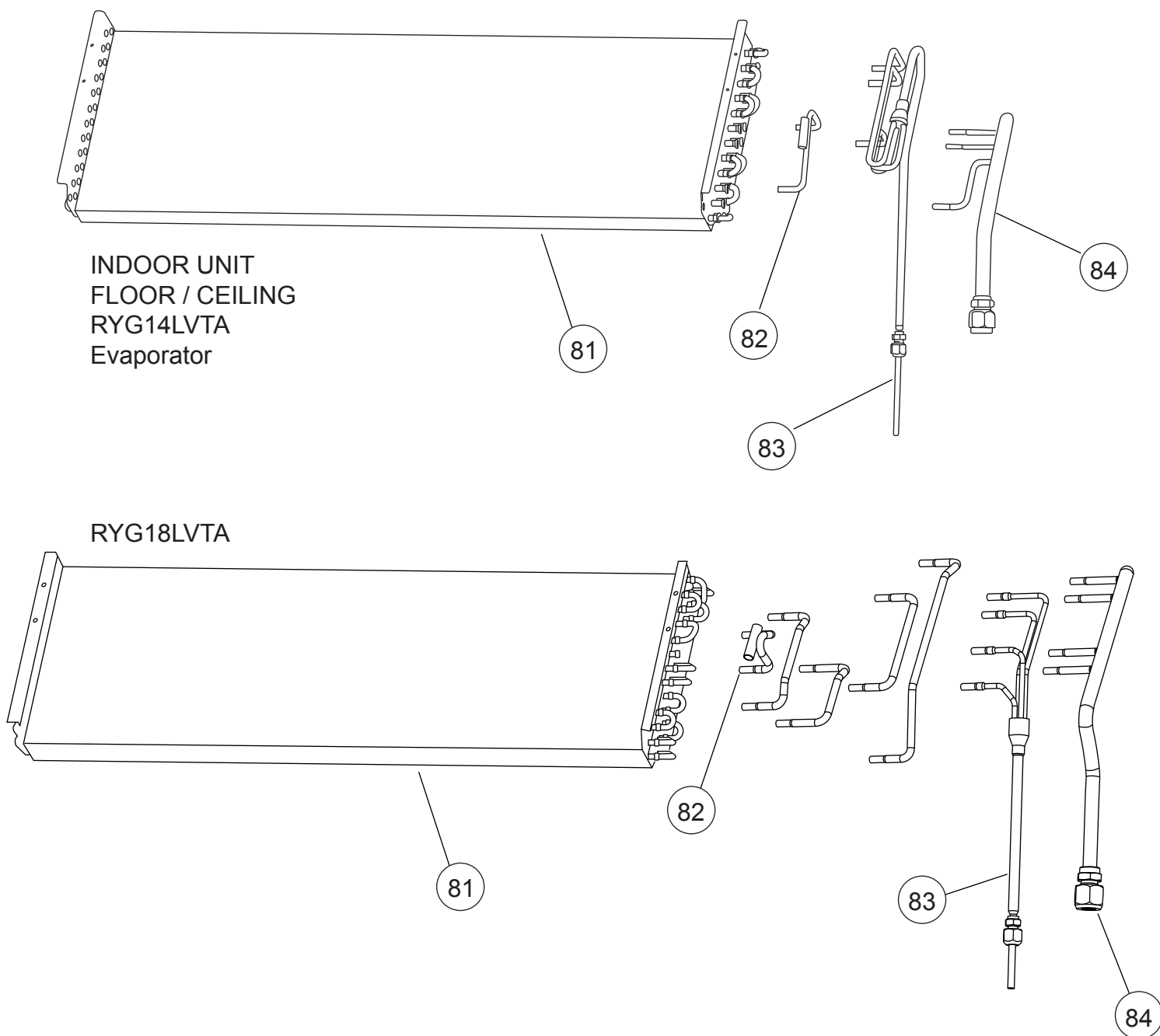


Ref.	Description	Part number	
61	Base Assy	9359061014	
62	Cap	9358563007	
63	Base Bracket	9358586006	



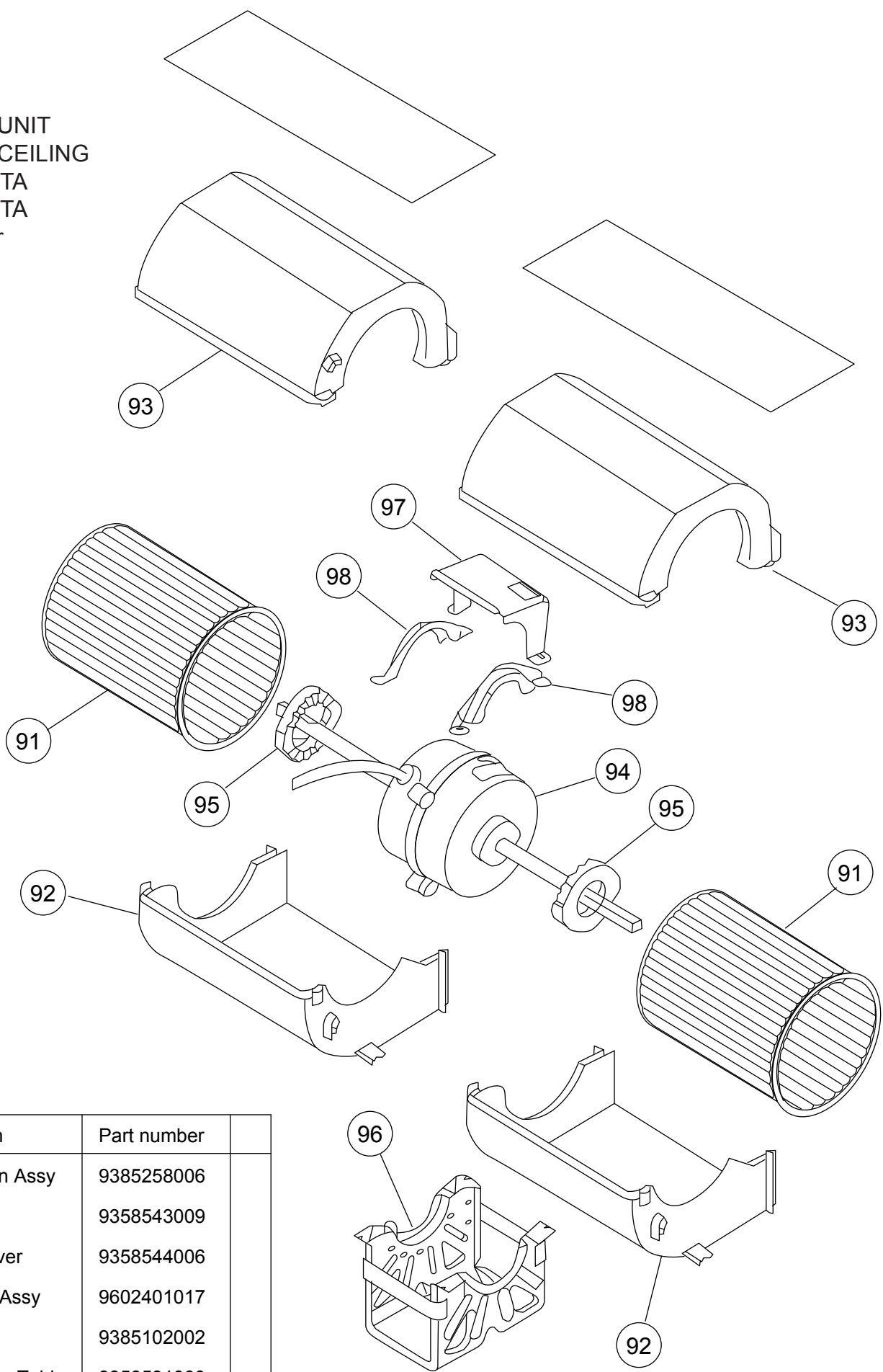
Ref.	Description	Part number	
71	Kit (Separate Wall A)	9372666012	
72	Kit (Separate Wall B)	9373448013	
73	Kit (Drain Pan Assy)	9372669013	
74	Drain Cap	9358746004	
75	Drain Hose Assy	9377785060	
76	Kit (Insulation Flap Base)	9372672013	
77	Kit (Dew Proof Plate)	9372673010	
78	Catch	9359096009	
79	Pipe Thermistor	9900022020	

INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA
Drain pan assy
Evaporator



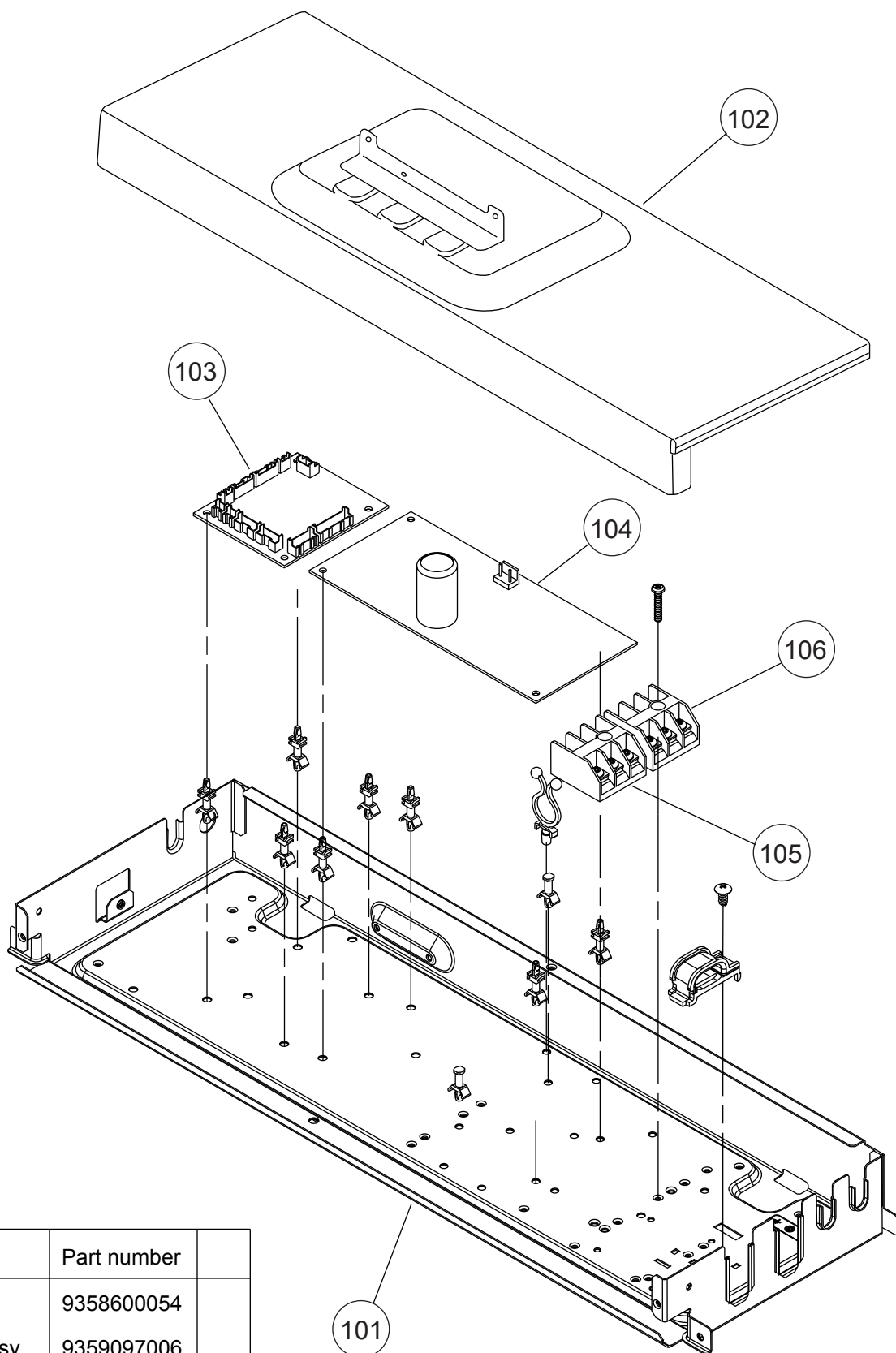
Ref.	Description	Part number		
		RYG14LVTA	RYG18LVTA	
81	Evaporator Assy	9362513029	9362513043	
82	Bypass Pipe Assy	9373032014	9377819017	
83	Distributor Assy	9380354017	9380354000	
84	Coupling Pipe Assy	9380355014	9380355007	

INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA
Fan motor



Ref.	Description	Part number	
91	Sirocco Fan Assy	9385258006	
92	Casing	9358543009	
93	Casing Cover	9358544006	
94	Fan Motor Assy	9602401017	
95	Rubber	9385102002	
96	Motor Fixing Table	9358591000	
97	Protector	9359282006	
98	Motor Fixture	9358594001	

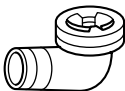
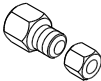
INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA
Control unit



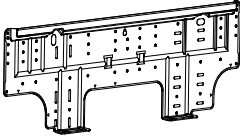
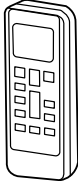
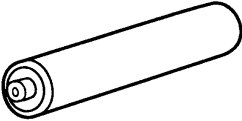
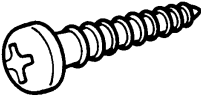
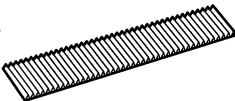
Ref.	Description	Part number	
101	Control Box	9358600054	
102	Control Box Cover Assy	9359097006	
103	Controller PCB Assy (14)	9709245354	
103	Controller PCB Assy (18)	9707393859	
104	Power Supply PCB Assy	9707398274	
105	Terminal 3P	9306489045	
106	Terminal 3P	9703345012	
--	Room Thermistor Assy	9703299087	

ACCESSORIES

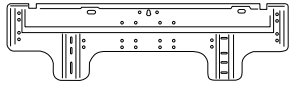
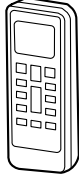
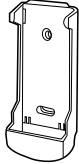
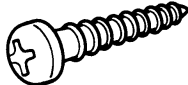
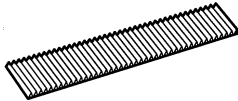
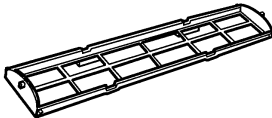
OUTDOOR UNIT

Name and Shape	Q'ty	Use
Drain pipe 	1	For drain piping work
Drain cap 	2	
Adapter assy 12.7 mm → 9.52 mm (1/2 in.) (3/8 in.) 	1	For use when connecting models 9-12 to outdoor port A
Putty 	1	For sealing

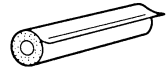
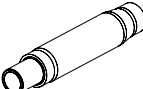
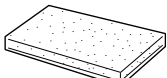
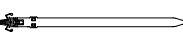
**INDOOR UNIT
COMPACT WALL MOUNTED
RSG07, 09, 12LJCA**

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

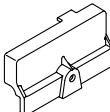
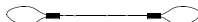
**WALL MOUNTED
RSG18LFCA**

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

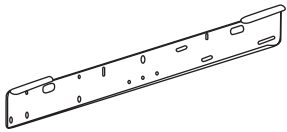
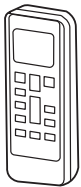
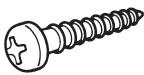
**INDOOR UNIT
COMPACT CASSETTE
RCG07, 09, 12, 14, 18LVLA**

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 ceiling 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 controller 	1	For air conditioner operation
Battery 	2	For remote controller unit
Remote controller holder 	1	For installing the remote controller
Tapping screw (M3 × 12mm) 	2	For mounting the remote controller holder
Binder 	2	For electrical wiring
Wire clammer 	1	For electrical wiring

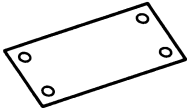
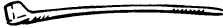
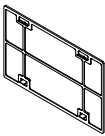
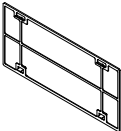
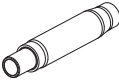
**DECORATION PANEL
CG-UFFD**

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)

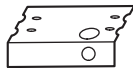
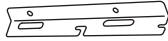
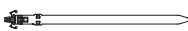
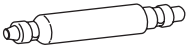
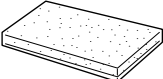
INDOOR UNIT
FLOOR
RGG09LVCA
RGG12LVCA
RGG14LVCA

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
RDG07LLTA
RDG09LLTA
RDG12LLTA
RDG14LLTA
RDG18LLTA

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	(RDG07LLTA RDG09LLTA RDG12LLTA RDG14LLTA)
Filter (Big) 	2	(RDG18LLTA)
Drain hose 	1	For installing drain pipe VP25 (O.D. 32, I.D. 26)
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

INDOOR UNIT
FLOOR / CEILING
RYG14LVTA
RYG18LVTA

Name and Shape	Q'ty	Name and Shape	Q'ty
screw (M4 × 10mm) 	2	Installation template  Positioning for under ceiling type	1
bracket (left)  For suspending the indoor unit from ceiling	1	bracket (right)  For suspending the indoor unit from ceiling	1
Anchor bolt (M12)  For suspending the indoor unit from ceiling	4	Spring washer  For suspending the indoor unit from ceiling	4
Special nut  For suspending the indoor unit from ceiling	4	Wall bracket  For suspending the indoor unit on the wall	2
screw(M4 × 20mm)  For fixing the wall bracket	6	Coupler heat insulator (Large)  For indoor side pipe joint(Large pipe)	1
Coupler heat insulator (Small)  For indoor side pipe joint (Small pipe)	1	Binder(Large)  For fixing the drain hose	1
Binder(Small)  For electrical wiring	2	Wire clasper  For electrical wiring	1
Drain hose  	1	Hose Band  For installing drain hose	1
insulation(Drain hose)  Adhesive type 100 x 220(mm)	1	VT wire  For fixing the drain hose L 280mm	1
Remote control  For air conditioner operation	1	Battery  For remote controller	2
Remote control holder  	1	screw (M3 × 12mm)  For remote controller holder installation	2

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