

SERVICE MANUAL



Indoor unit	Outdoor unit
ARXG09KLLAP	AOYG09KBTB
ARXG12KLLAP	AOYG12KBTB
ARXG14KLLAP	AOYG14KBTB
ARXG18KLLAP	AOYG18KBTB

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Specifications (Indoor unit)

Type				Duct				
				Inverter heat pump				
Model name				ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP	
Power supply				230 V ~ 50 Hz				
Power supply intake				Outdoor unit				
Available voltage range				198—264 V				
Capacity	Cooling	Rated	kW	2.5	3.5	4.3	5.2	
			Btu/h	8,500	11,900	14,700	17,700	
		Min.—Max.	kW	0.90—3.20	0.90—4.40	0.90—5.40	0.90—5.90	
			Btu/h	3,100—10,900	3,100—15,000	3,100—18,400	3,100—20,100	
	Heating	Rated	kW	3.2	4.1	5.0	6.0	
			Btu/h	10,900	14,000	17,000	20,500	
		Min.—Max.	kW	0.90—4.70	0.90—5.70	0.90—6.50	0.90—7.50	
			Btu/h	3,100—16,000	3,100—19,500	3,800—22,100	3,800—25,600	
Input power	Cooling	Rated	kW	0.6	0.93	1.28	1.55	
				Max.	1.82	2.24	2.35	2.79
	Heating	Rated		0.79	1.08	1.32	1.62	
				Max.	1.82	2.24	2.35	2.79
Current	Cooling	Rated	A	3.1	4.1	5.6	6.8	
	Heating			4.0	4.8	5.8	7.1	
Power factor	Cooling			84.2	98.6	99.4	99.1	
	Heating			85.9	97.8	99.0	99.2	
EER	Cooling			4.17	3.76	3.36	3.35	
COP	Heating			4.05	3.80	3.79	3.70	
Moisture removal			L/h (pints/h)	0.7 (1.2)	1.3 (2.3)	1.5 (2.6)	2.0 (3.5)	
Maximum operating current *1			Cooling			7.9	10.2	
			Heating			7.9	9.7	10.2
Fan	Airflow rate	Cooling	m ³ /h	HIGH	600	650	800	940
				MED	550	600	700	880
				LOW	500	550	600	820
				QUIET	450	480	480	750
		Heating		HIGH	600	650	800	940
				MED	550	600	700	880
				LOW	500	550	600	820
				QUIET	450	480	480	750
	Type × Q'ty				Sirocco fan × 2			Sirocco fan × 3
	Motor output		W		81			96
Recommended static pressure range			Pa	0 to 90				
Sound pressure level *2	Cooling	dB (A)	HIGH	28	29	32	32	
			MED	27	28	30	30	
			LOW	26	26	28	29	
			QUIET	25	25	26	27	
	Heating		HIGH	28	29	32	32	
			MED	26	28	30	30	
			LOW	25	26	28	29	
			QUIET	24	24	25	27	
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 500 × 39.9			294 × 700 × 39.9	
	Fin pitch			1.3				
	Rows × Stages			3 × 14				
	Pipe type			Copper tube				
	Fin type			Aluminum				
Enclosure	Material		Steel sheet					
	Color		—					
Dimensions (H × W × D)	Net		mm	198 × 700 × 620			198 × 900 × 620	
	Gross			276 × 968 × 772				
Weight	Net		kg	17			20	
	Gross			22				
Connection pipe	Size	Liquid	mm (in)	Ø 6.35 (Ø 1/4)				
		Gas		Ø 9.52 (Ø 3/8)				
	Method			Flare				
Drain hose	Material		PVC					
	Size		Ø 25 (I.D.), Ø 32 (O.D.)					
Operation range	Cooling	°C		18 to 32				
		%RH		80 or less				
Remote control (Option)	Heating	°C		16 to 30				
				Wired remote controller, Wireless remote controller, Mobile app*3 (FGLair™)				

NOTES:

- Specifications are based on the following conditions:
 - Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB.
 - Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB.
 - Standard static pressure; 25 Pa
 - Pipe length: 5 m, Height difference: 0 m. (Between outdoor unit and indoor unit.)
- Protective function might work when using it outside the operation range.
- *1: Maximum operating current is the total current of the indoor unit and the outdoor unit.
- *2: Sound pressure level:
 - Measured values in manufacturer's anechoic chamber.
 - Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here.
- *3: Available on Google Play™ store or on App Store®. Optional WLAN adapter is also required. For details, refer to the setting manual.

Specifications (Indoor unit) Continued

Specifications for ErP Lot10							
Model name			ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	ARXG18KLLAP	
Energy efficiency class	Cooling		A ⁺⁺	A ⁺⁺	A ⁺	A ⁺⁺	
	Heating (Average)		A ⁺	A ⁺	A	A ⁺	
Pdesign	Cooling	kW	2.5 (35°C)	3.5 (35°C)	4.3 (35°C)	5.2 (35°C)	
	Heating (Average)		2.6 (-10°C)	3.4 (-10°C)	3.8 (-10°C)	4.4 (-10°C)	
SEER	Cooling		6.20	6.10	5.80	6.20	
SCOP	Heating (Average)		4.30	4.00	3.90	4.10	
Annual energy consumption	QCE		141	201	259	293	
	QHE (Average)		845	1,189	1,362	1,501	
Sound power level	Cooling	HIGH	dB (A)	57	58	60	58
	Heating			57	58	60	58

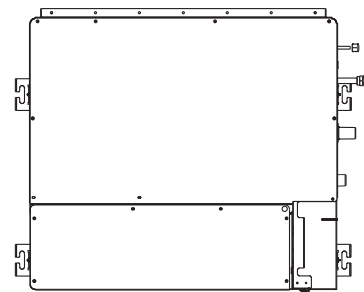
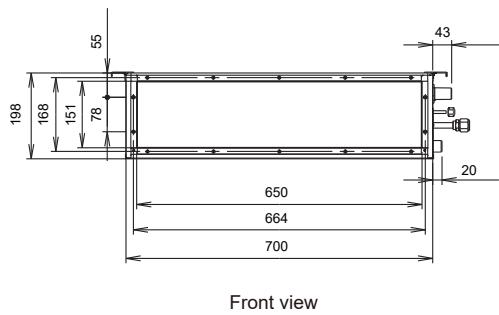
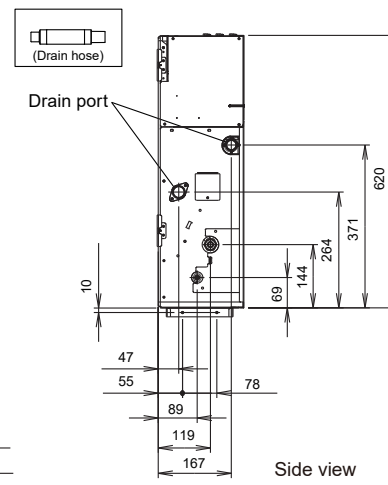
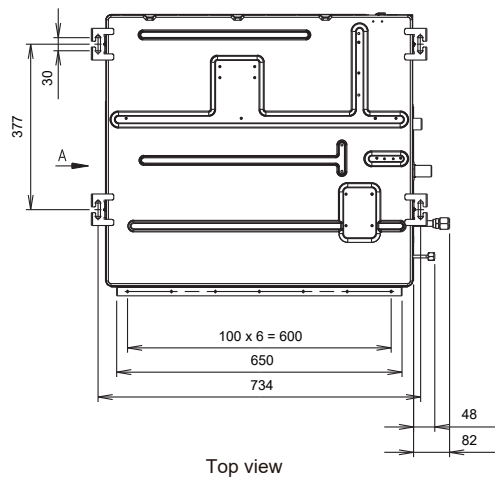
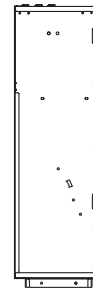
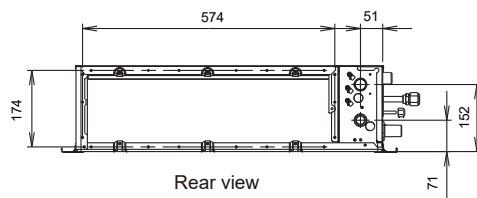
Specifications (Outdoor unit)

Type			Inverter heat pump			
Model name			AOYG09KBTB	AOYG12KBTB	AOYG14KBTB	AOYG18KBTB
Power supply			230 V ~ 50 Hz			
Available voltage range			198—264 V			
Starting current			A			
Fan	Airflow rate	Cooling	4.0	4.8	5.8	7.1
		Heating	1,480	1,580	1,670	2,160
	Type × Q'ty	m ³ /h	1,410	1,520	1,580	1,830
	Motor output		W			
Sound pressure level *1			dB (A)			
Sound power level			dB (A)			
Heat exchanger type			mm			
Dimensions (H × W × D)			504 × 881 × 18.19			588 × 881 × 18.19
Fin pitch			1.3			
Rows × Stages			2 × 24			2 × 28
Pipe type			Copper tube			
Fin type			Aluminum			
Compressor			DC rotary × 1			
Refrigerant			R32 (675)			
Refrigerant oil			RB68A			
Enclosure			Steel sheet			
Dimensions (H × W × D)			542 × 799 × 290			632 × 799 × 290
Weight			32			36
Connection pipe			Ø 6.35 (Ø 1/4)			
Operation range			°C			
Drain hose			PP			
NOTES:			<ul style="list-style-type: none"> Specifications are based on the following conditions: <ul style="list-style-type: none"> Cooling: Indoor temperature of 27 °CDB/19 °CWB, and outdoor temperature of 35 °CDB/24 °CWB. Heating: Indoor temperature of 20 °CDB/15 °CWB, and outdoor temperature of 7 °CDB/6 °CWB. Pipe length: 5 m, Height difference: 0 m. Protective function might work when using it outside the operation range. *1: Sound pressure level <ul style="list-style-type: none"> Measured values in manufacturer's anechoic chamber. Because of the surrounding sound environment, the sound levels measured in actual installation conditions might be higher than the specified values here. 			

Dimensions (Indoor unit)

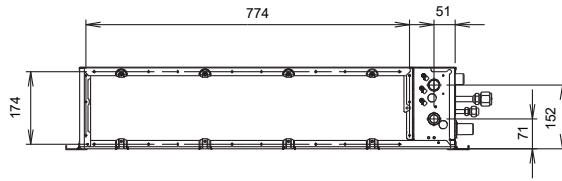
Models: ARXG09KLLAP, ARXG12KLLAP, and ARXG14KLLAP

Unit: mm

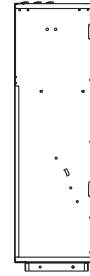


Model: ARXG18KLLAP

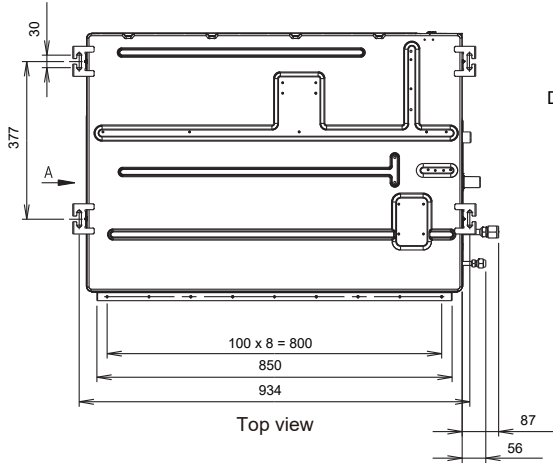
Unit: mm



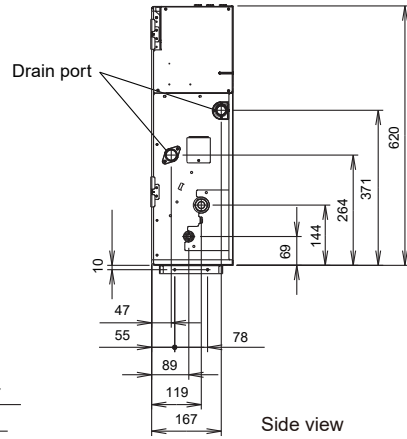
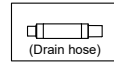
Rear view



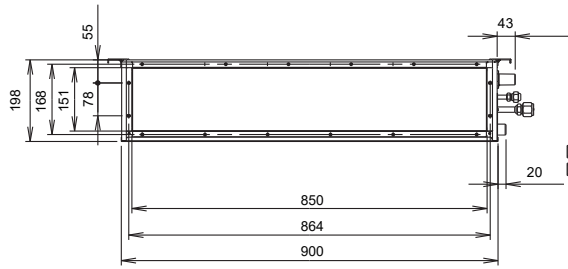
View A



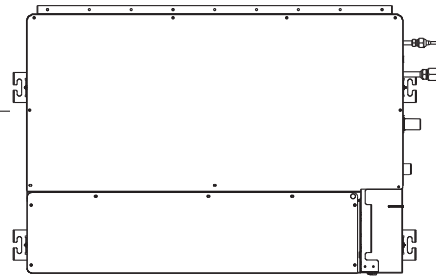
Top view



Side view



Front view

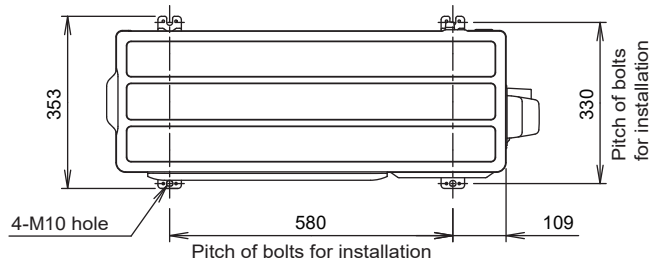


Bottom view

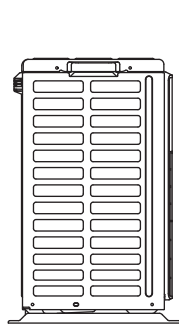
Dimensions (Outdoor unit)

Models: AOYG09KBTB, AOYG12KBTB, and AOYG14KBTB

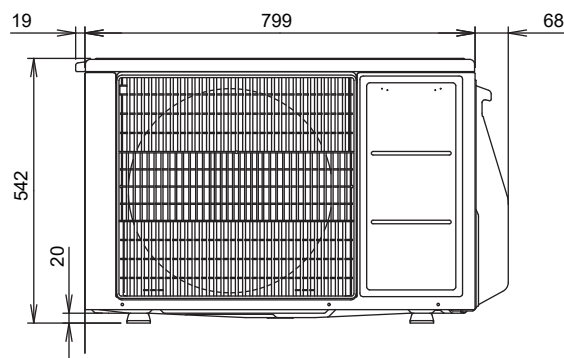
Unit: mm



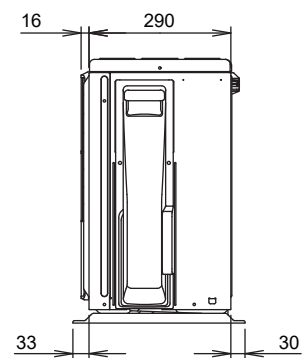
Top view



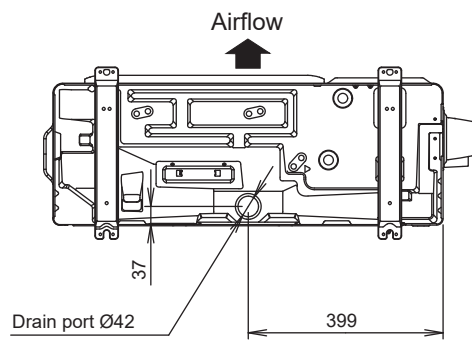
Side view



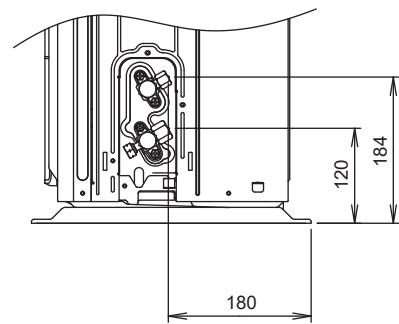
Front view



Side view



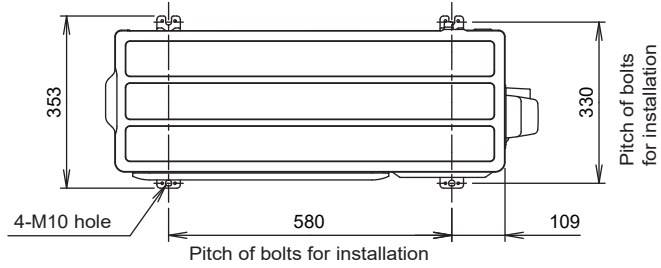
Bottom view



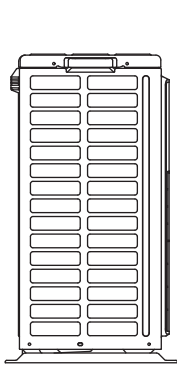
Side view (Valve part)

Model: AOYG18KBTB

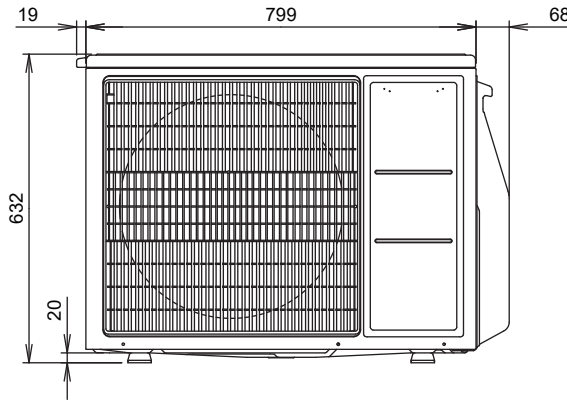
Unit: mm



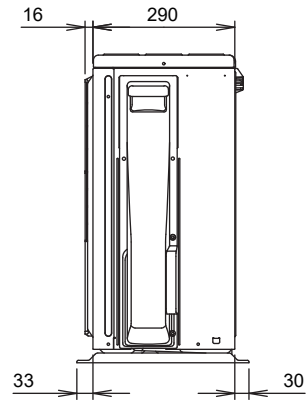
Top view



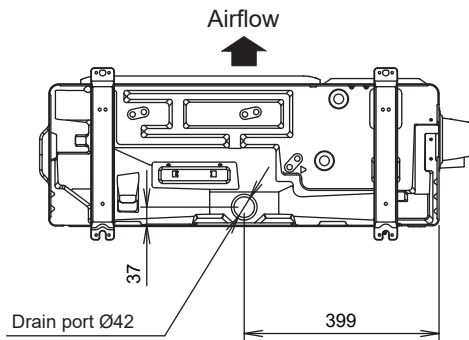
Side view



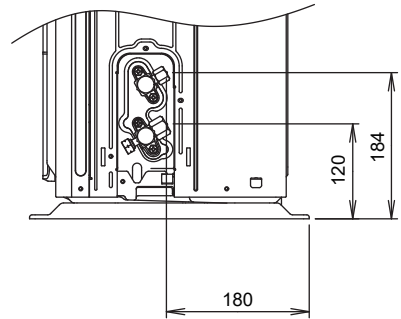
Front view



Side view



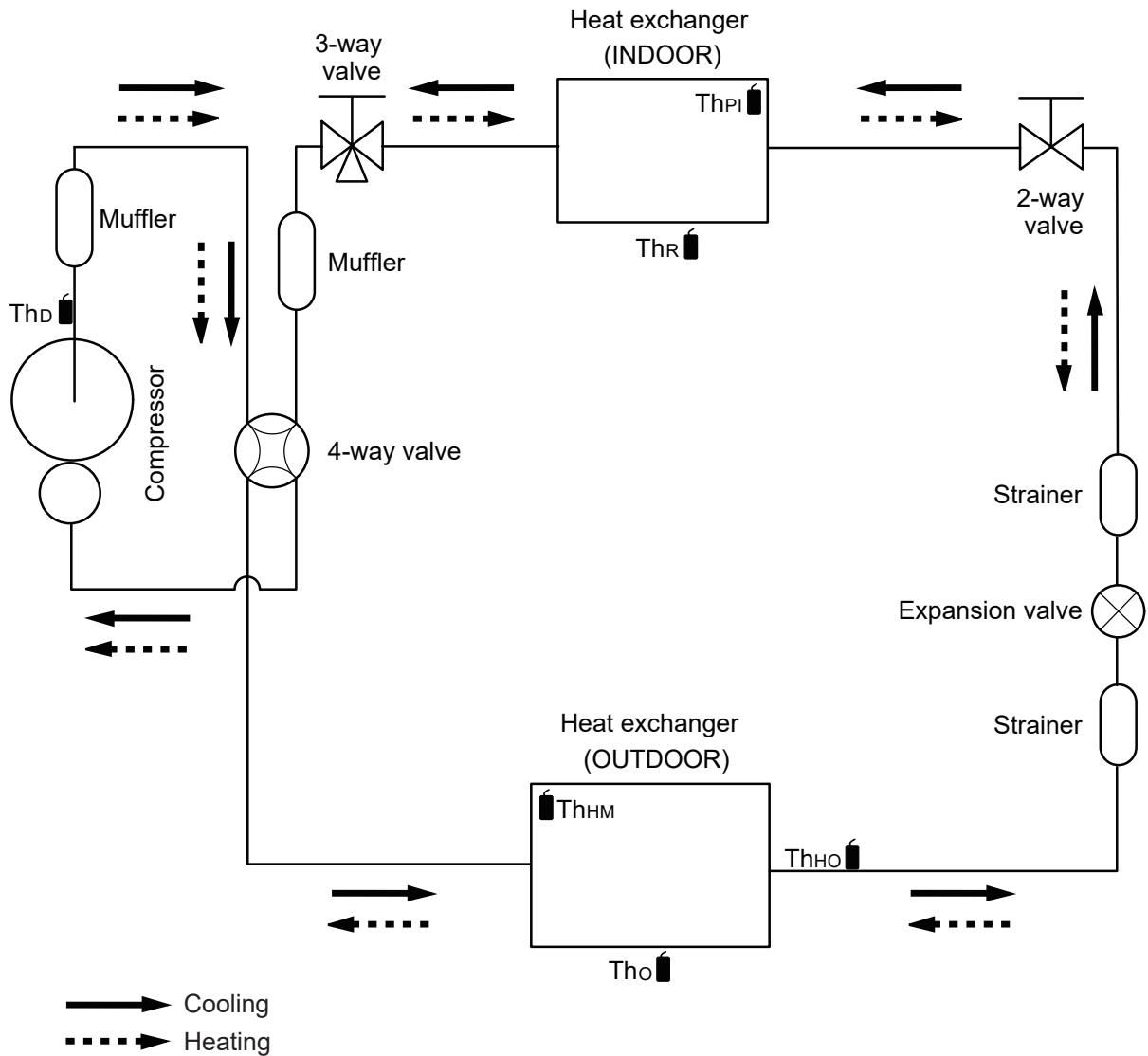
Bottom view



Side view (Valve part)

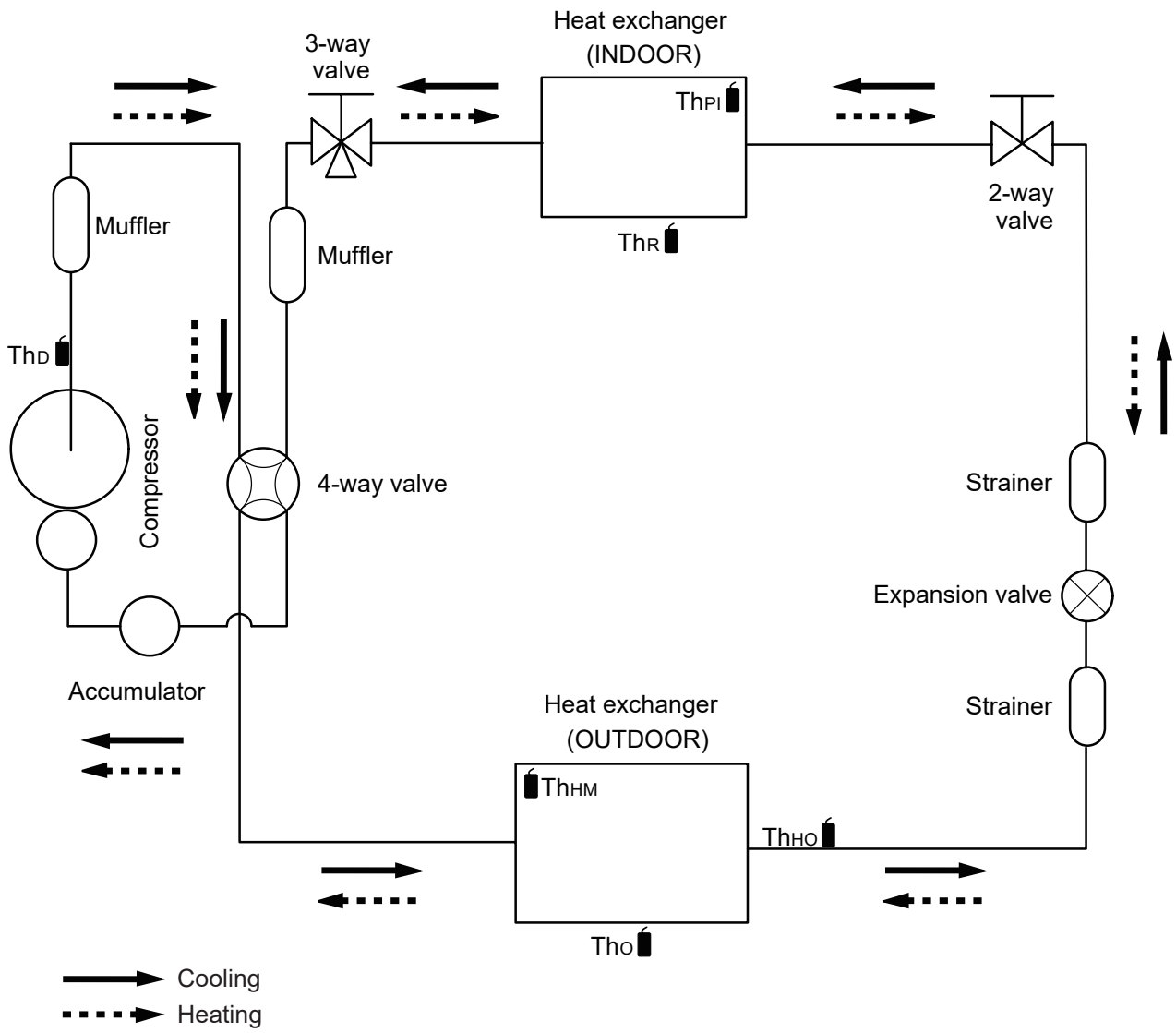
Refrigerant circuit

Models: AOYG09KBTB, AOYG12KBTB, and AOYG14KBTB



- Th_D : Thermistor (Discharge temperature)
- Th_O : Thermistor (Outdoor temperature)
- Th_{HO} : Thermistor (Heat exchanger out temperature)
- Th_{HM} : Thermistor (Heat exchanger middle temperature)
- Th_R : Thermistor (Room temperature)
- Th_{PI} : Thermistor (Pipe temperature)

Model: AOYG18KBTB

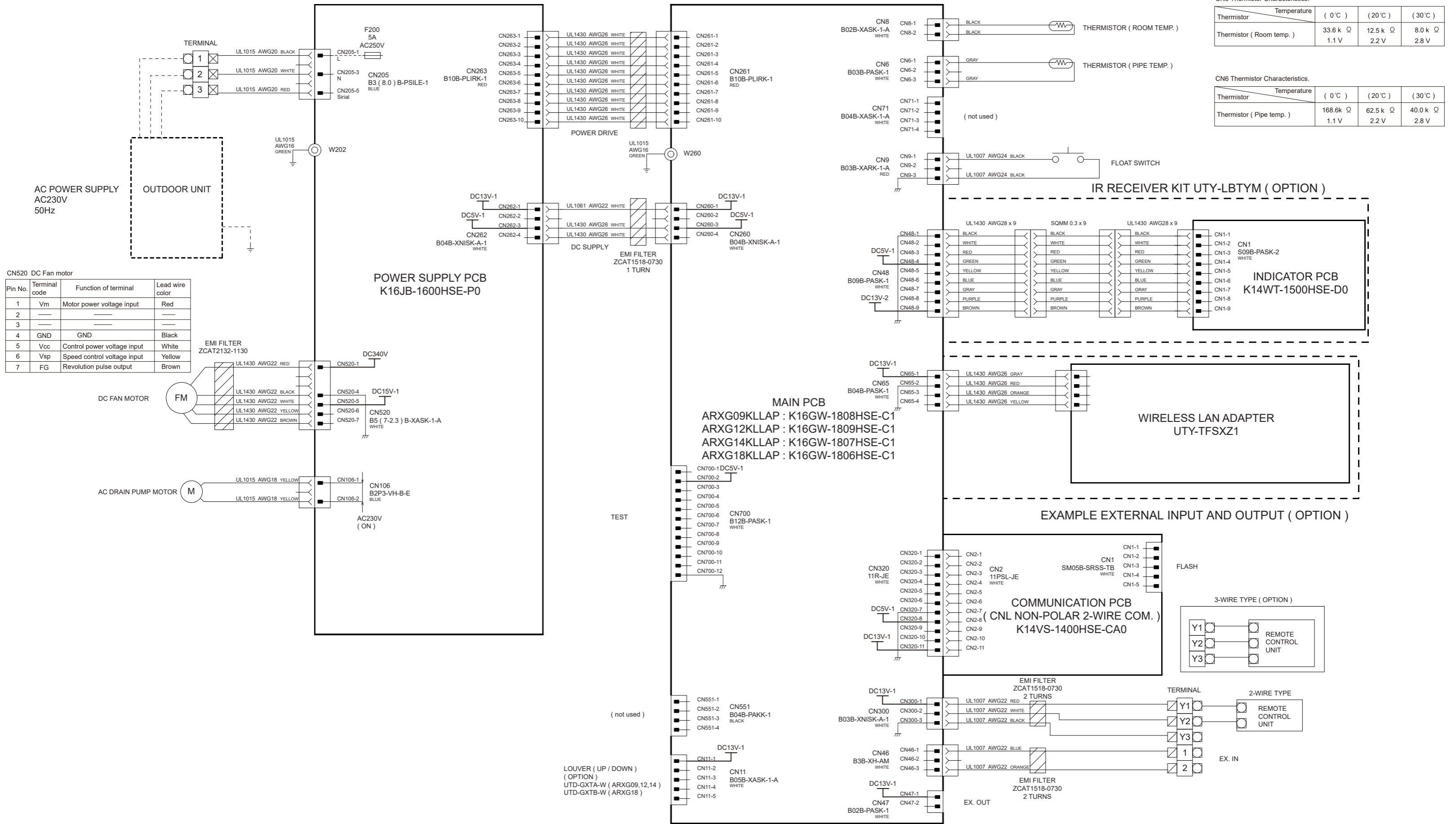


- Th_D : Thermistor (Discharge temperature)
- Th_O : Thermistor (Outdoor temperature)
- Th_{HO} : Thermistor (Heat exchanger out temperature)
- Th_{HM} : Thermistor (Heat exchanger middle temperature)
- Th_R : Thermistor (Room temperature)
- Th_{PI} : Thermistor (Pipe temperature)

INDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

Models : ARXG09KLLAP
ARXG12KLLAP
ARXG14KLLAP
ARXG18KLLAP

CONTROL UNIT
ARXG09KLLAP : EZ-0181YHSE
ARXG12KLLAP : EZ-01820HSE
ARXG14KLLAP : EZ-01814HSE
ARXG18KLLAP : EZ-01813HSE



CN520 DC Fan motor

Pin No.	Terminal code	Function of terminal	Lead wire color
1	Vm	Motor power voltage input	Red
2	—	—	—
3	—	—	—
4	GND	GND	Black
5	Vcc	Control power voltage input	White
6	Vsp	Speed control voltage input	Yellow
7	FG	Revolution pulse output	Brown

CN8 Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Room temp.)		33.6 k Ω	12.5 k Ω	8.0 k Ω
		1.1 V	2.2 V	2.8 V

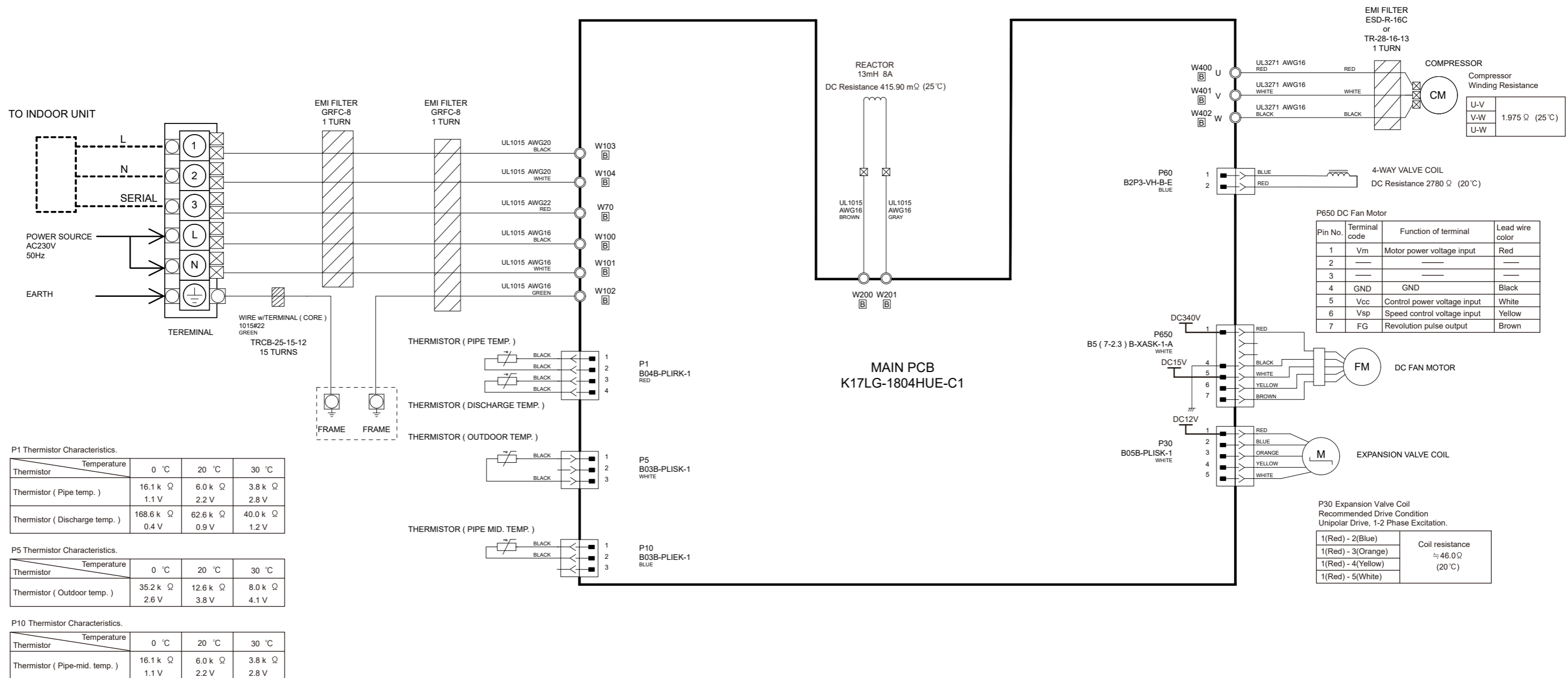
CN6 Thermistor Characteristics.

Thermistor	Temperature	(0°C)	(20°C)	(30°C)
Thermistor (Pipe temp.)		168.6k Ω	62.5 k Ω	40.0 k Ω
		1.1 V	2.2 V	2.8 V

OUTDOOR PRINTED CIRCUIT BOARD CIRCUIT DIAGRAM

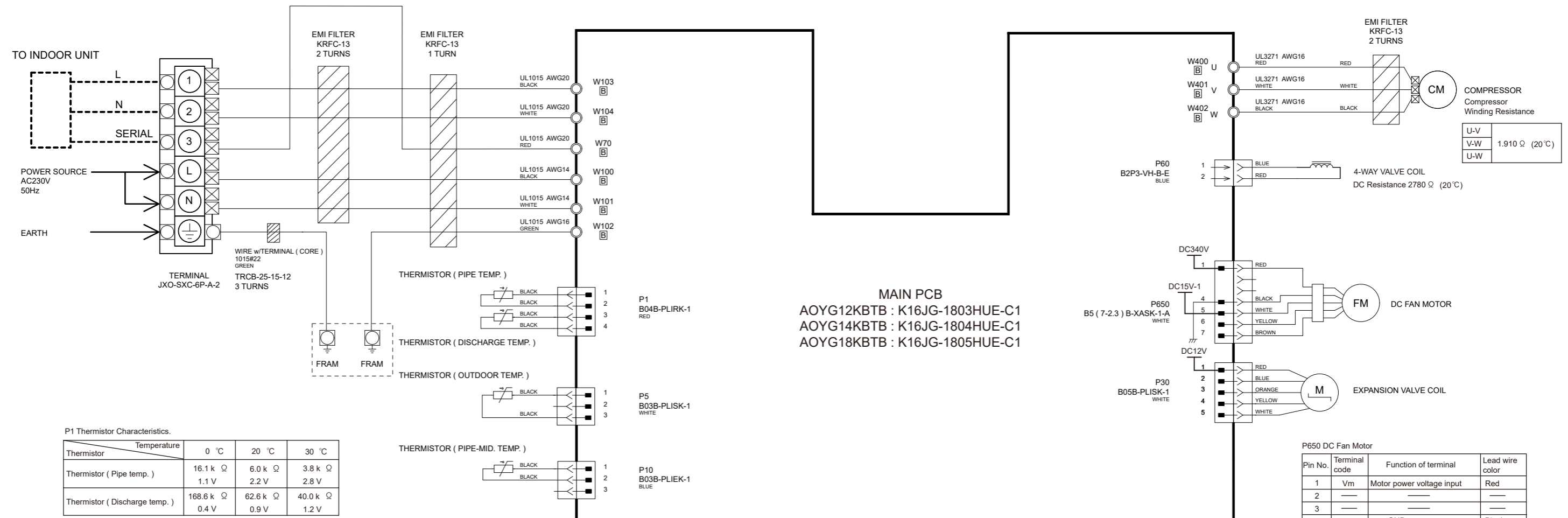
Model : AOYG09KBTB

INVERTER ASSEMBLY EZ-018RHUE



Models : AOYG12KBTB
 AOYG14KBTB
 AOYG18KBTB

INVERTER ASSEMBLY
 AOYG12KBTB : EZ-018SHUE
 AOYG14KBTB : EZ-018THUE
 AOYG18KBTB : EZ-018THUE



P1 Thermistor Characteristics.

Thermistor	Temperature	0 °C	20 °C	30 °C
Thermistor (Pipe temp.)	Resistance	16.1 k Ω	6.0 k Ω	3.8 k Ω
	Voltage	1.1 V	2.2 V	2.8 V
Thermistor (Discharge temp.)	Resistance	168.6 k Ω	62.6 k Ω	40.0 k Ω
	Voltage	0.4 V	0.9 V	1.2 V

P5 Thermistor Characteristics.

Thermistor	Temperature	0 °C	20 °C	30 °C
Thermistor (Outdoor temp.)	Resistance	35.2 k Ω	12.6 k Ω	8.0 k Ω
	Voltage	2.6 V	3.8 V	4.1 V

P10 Thermistor Characteristics.

Thermistor	Temperature	0 °C	20 °C	30 °C
Thermistor (Pipe-mid. temp.)	Resistance	16.1 k Ω	6.0 k Ω	3.8 k Ω
	Voltage	1.1 V	2.2 V	2.8 V

MAIN PCB
 AOYG12KBTB : K16JG-1803HUE-C1
 AOYG14KBTB : K16JG-1804HUE-C1
 AOYG18KBTB : K16JG-1805HUE-C1

P650 DC Fan Motor

Pin No.	Terminal code	Function of terminal	Lead wire color
1	Vm	Motor power voltage input	Red
2	---	---	---
3	---	---	---
4	GND	GND	Black
5	Vcc	Control power voltage input	White
6	Vsp	Speed control voltage input	Yellow
7	FG	Revolution pulse output	Brown

P30 Expansion Valve Coil
 Recommended Drive Condition
 Unipolar Drive, 1-2 Phase Excitation.

1(Red) - 2(Blue)	Coil resistance ≈ 46.0 Ω (20 °C)
1(Red) - 3(Orange)	
1(Red) - 4(Yellow)	
1(Red) - 5(White)	

Error codes

If you use a wireless remote controller, the lamp on the photo detector unit will output error codes by way of blinking patterns. If you use a wired remote controller, error codes will appear on the remote control display. Refer to the lamp blinking patterns and error codes in the table. An error display is displayed only during operation.

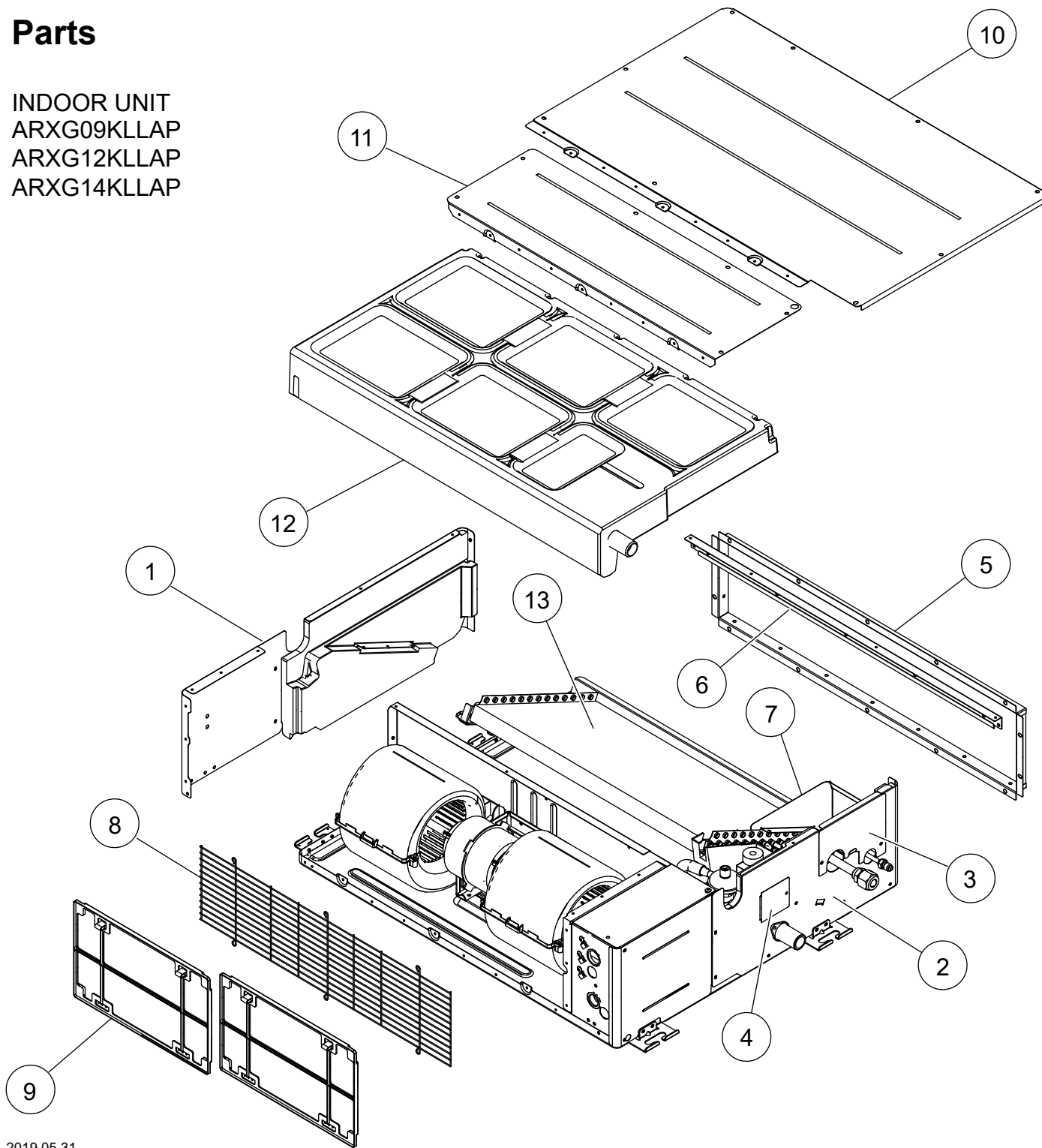
Error display			Error code	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
●(1)	●(1)	◇	11	Serial communication error
●(1)	●(2)	◇	12	• Wired remote controller communication error • Server room control communication error
●(1)	●(5)	◇	15	Check run unfinished Automatic airflow adjustment error
●(1)	●(6)	◇	16	Peripheral unit transmission PCB connection error
●(1)	●(8)	◇	18	External communication error
●(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 secondary unit) [Simultaneous Multi] • Connection unit number error (indoor unit or branch unit) [Flexible Multi]
●(2)	●(6)	◇	26	Indoor unit address setting error
●(2)	●(7)	◇	27	Primary unit, secondary unit setup error [Simultaneous Multi]
●(2)	●(9)	◇	29	Connection unit number error in wired remote controller system
●(3)	●(1)	◇	31	Power supply interruption error
●(3)	●(2)	◇	32	Indoor unit PCB model information error
●(3)	●(3)	◇	33	Indoor unit motor electricity consumption detection error
●(3)	●(5)	◇	35	Manual auto switch error
●(3)	●(9)	◇	39	Indoor unit power supply error for fan motor
●(3)	●(10)	◇	3A	Indoor unit communication circuit (wired remote controller) error
●(4)	●(1)	◇	41	Room temp. sensor error
●(4)	●(2)	◇	42	Indoor unit heat ex. middle temp. sensor error
●(4)	●(4)	◇	44	Human sensor error
●(5)	●(1)	◇	51	Indoor unit fan motor error
●(5)	●(3)	◇	53	Drain pump error
●(5)	●(4)	◇	54	Electric air cleaner reverse VDD error
●(5)	●(5)	◇	55	Filter set error
●(5)	●(7)	◇	57	Damper error
●(5)	●(8)	◇	58	Intake grille error
●(5)	●(9)	◇	59	Indoor unit fan motor 2 error (Left side fan)
●(5)	●(10)	◇	5A	Indoor unit fan motor 3 error (Right side fan)
●(5)	●(15)	◇	5U	Indoor unit error

Error display			Error code	Description
OPERATION lamp (green)	TIMER lamp (orange)	ECONOMY lamp (green)		
●(6)	●(1)	◇	61	Outdoor unit reverse/missing phase and wiring 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)	●(8)	◇	68	Outdoor unit rush current limiting resistor temp. rise 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 1 error
●(9)	●(8)	◇	98	Outdoor unit fan motor 2 error
●(9)	●(9)	◇	99	4-way valve error
●(9)	●(10)	◇	9A	Coil (expansion 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]

Display mode ● : 0.5s ON / 0.5s OFF
◇ : 0.1s ON / 0.1s OFF
() : Number of flashing

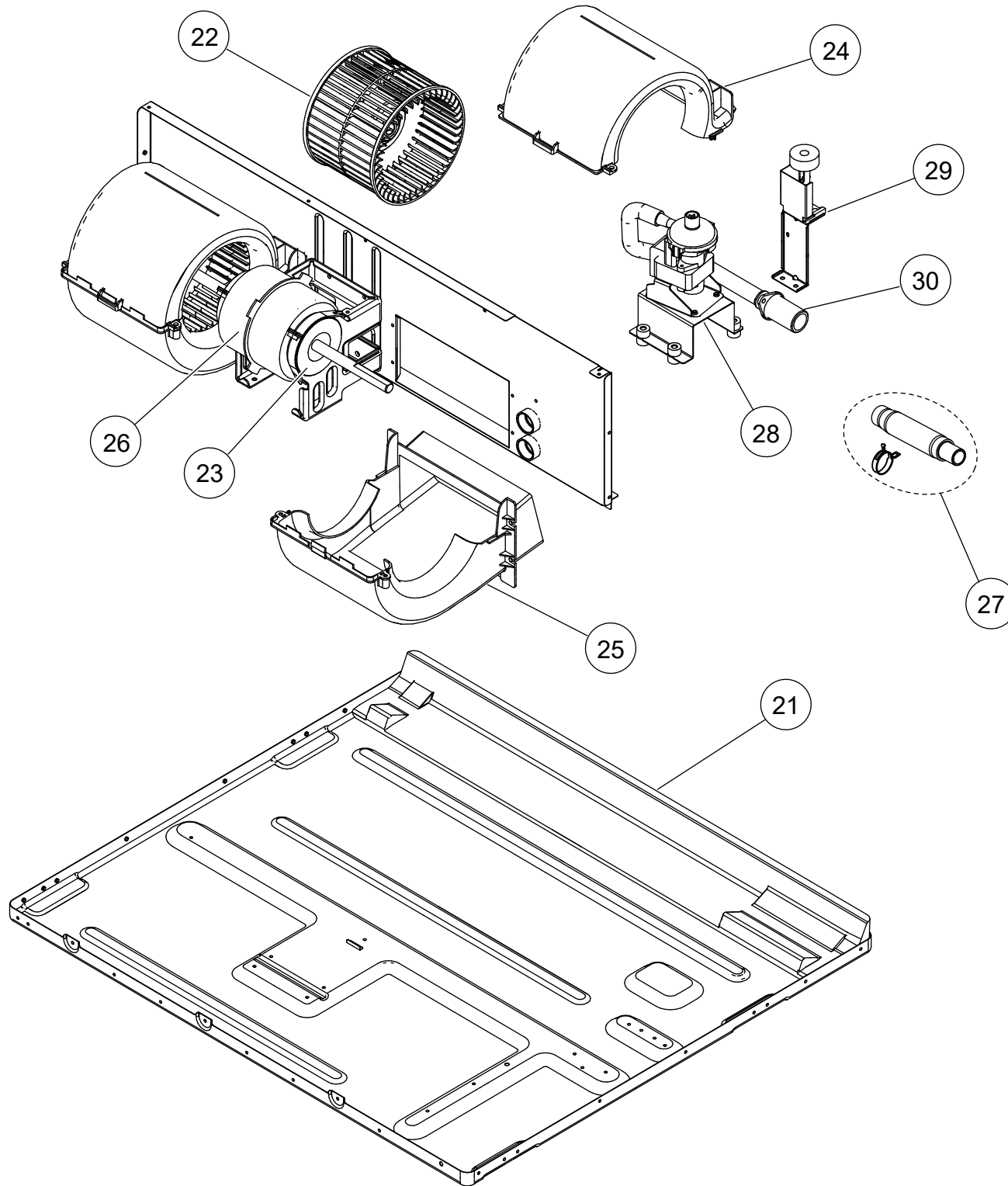
Parts

INDOOR UNIT
ARXG09KLLAP
ARXG12KLLAP
ARXG14KLLAP



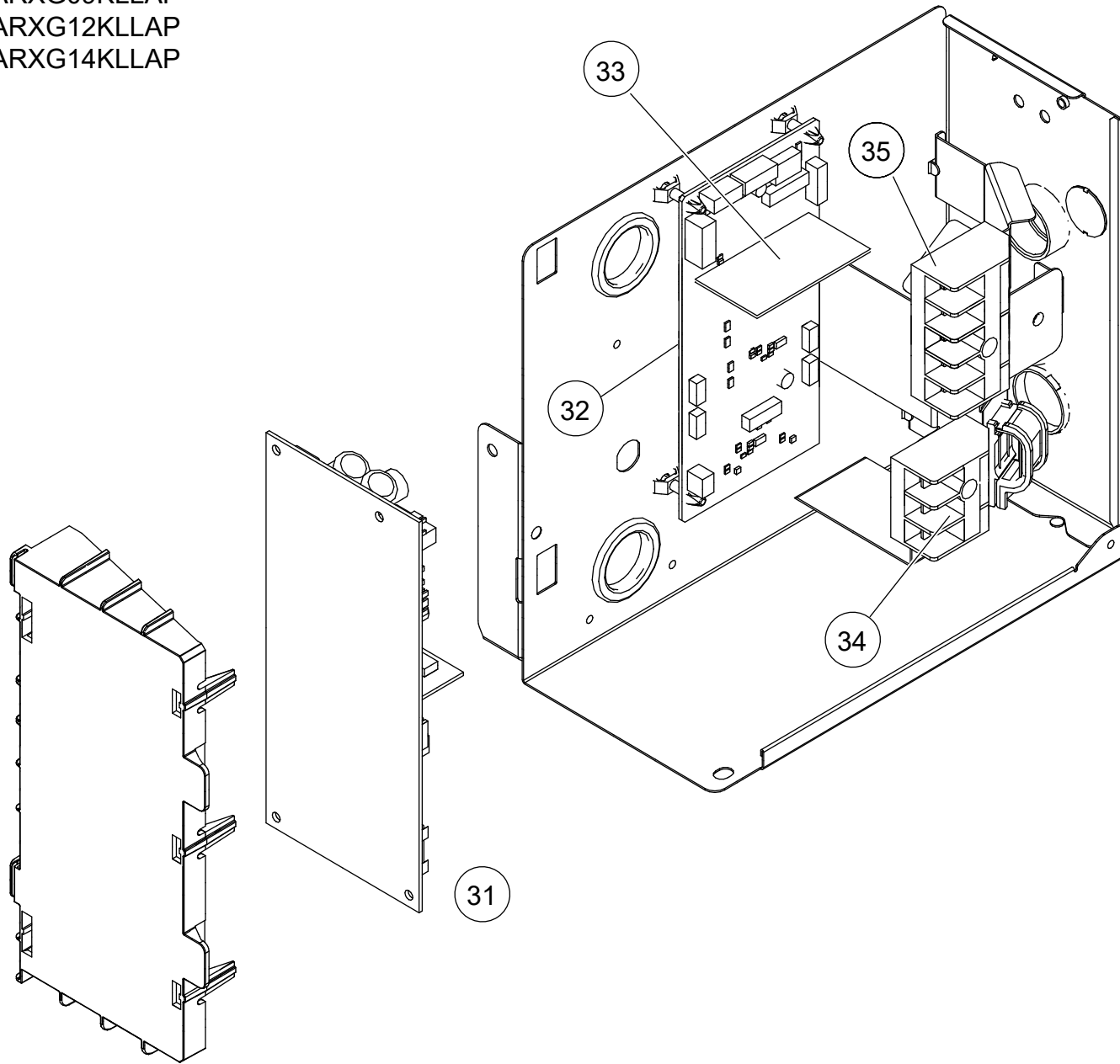
Ref	Description	Parts number
1	Side Panel R Sub Assy	9379906012
2	Side Panel L Sub Assy	9379907019
3	Pipe Panel Sub Assy	9379900003
4	Panel (Window) Sub Assy	9379915007
5	Outlet Frame Assy	9380042006
6	Front Panel (2 Fan)	9380594000
7	Valve Cover Sub Assy	9379576017
8	Fan Guard (2 Fan)	9380589006
9	Air Filter	9379574006
10	Main Panel (2 Fan)	9380602019
11	Cabinet Panel (2 Fan)	9380597001
12	Drain Pan Sub Assy	9381209002
13	Evaporater Total Assy	9380682486

INDOOR UNIT
 ARXG09KLLAP
 ARXG12KLLAP
 ARXG14KLLAP



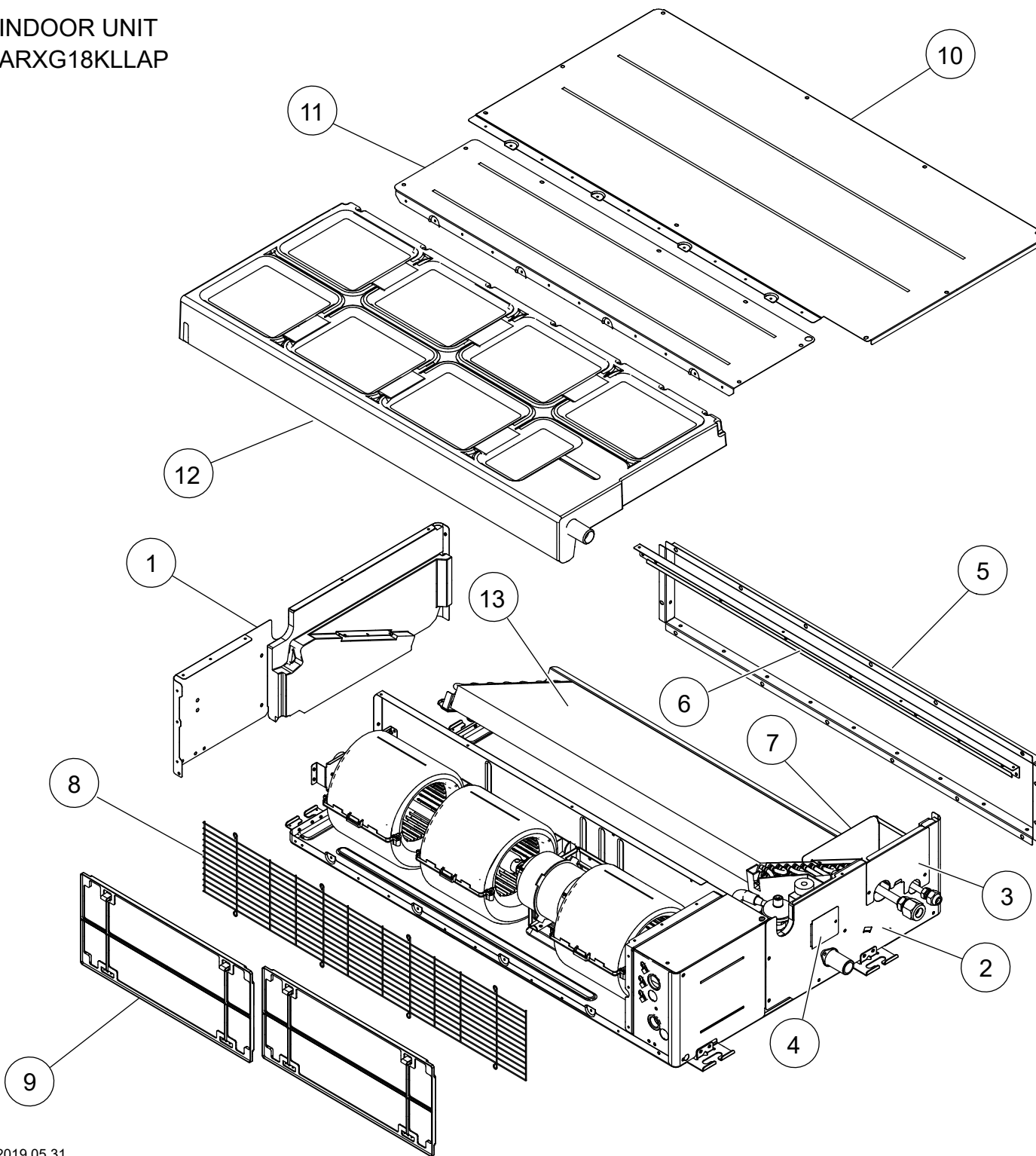
Ref	Description	Parts number
21	Top Panel Sub Assy	9379908030
22	Sirroco Fan Assy	9379570015
23	Rubber (Vibration Proof)	9379644006
24	Casing B	9379572019
25	Casing U	9379571012
26	Fan Motor Assy	9379047159
27	Hose Sub Assy	9378450097
28	Drain Pump Sub Assy	9379914062
29	Float Switch Sub Assy	9378593039
30	Drain Hose Assy	9379913003

INDOOR UNIT
 ARXG09KLLAP
 ARXG12KLLAP
 ARXG14KLLAP



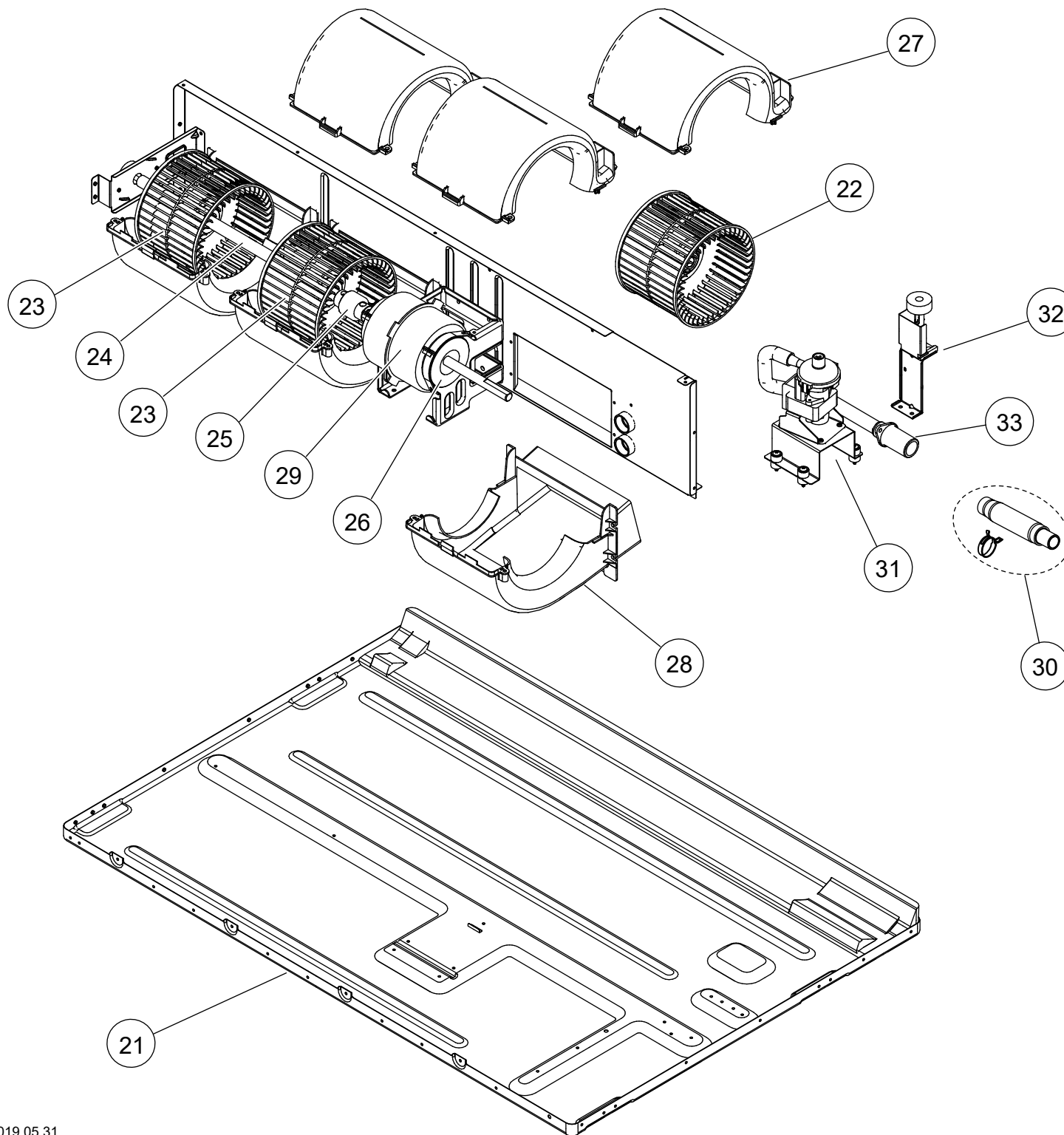
Ref	Description	Parts number
31	Power Supply PCB	9710661006
32	Main PCB (ARXG09KLLAP)	9710624209
32	Main PCB (ARXG12KLLAP)	9710624216
32	Main PCB (ARXG14KLLAP)	9710624148
33	2 way Remote PCB	9710019005
34	Terminal 3P	9900568009
35	Terminal 3P (Wired Remote)	9900896003
--	Room Thermistor	9900653019
--	Pipe Thermistor	9900942045

INDOOR UNIT
ARXG18KLLAP



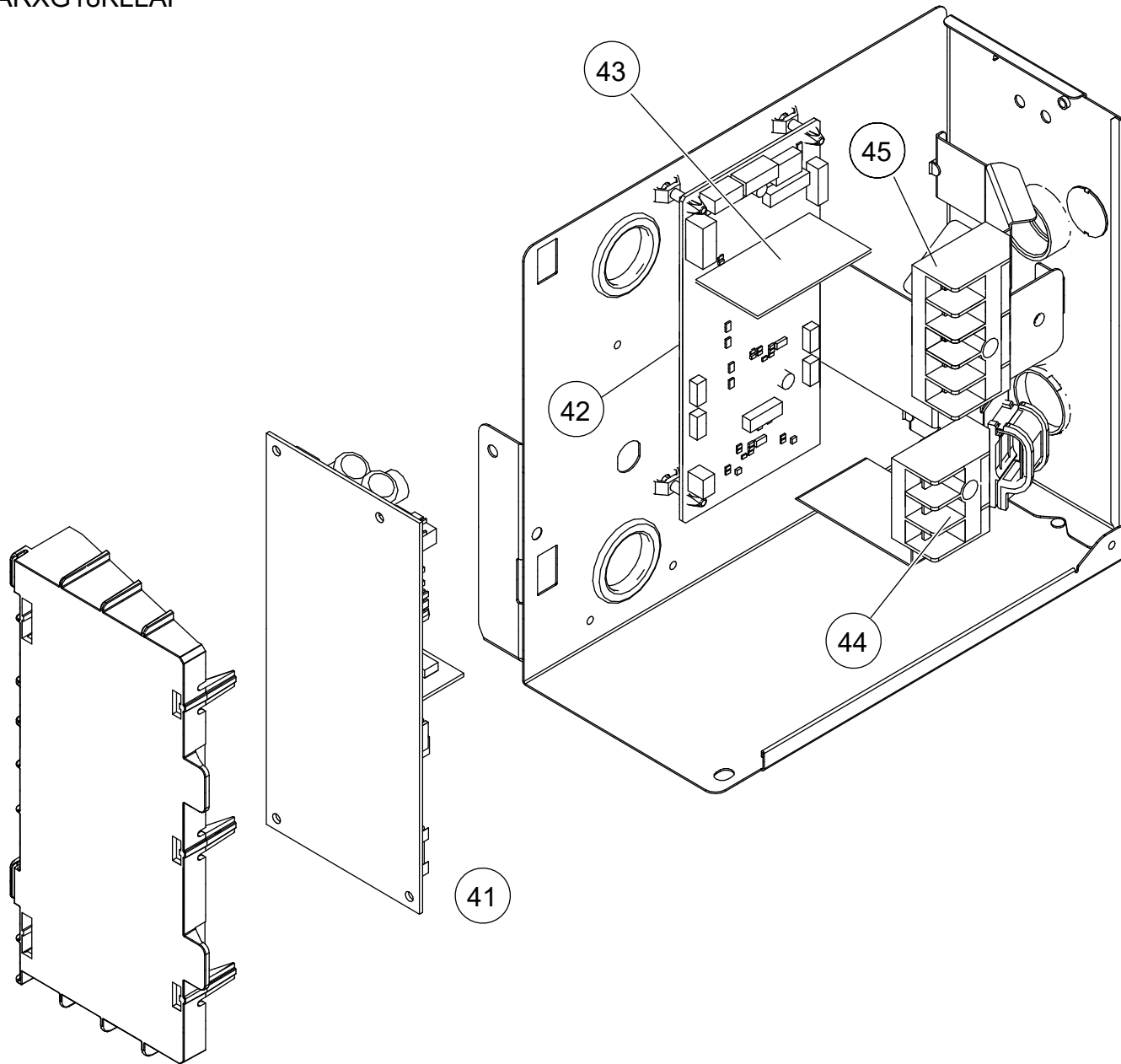
Ref	Description	Parts number
1	Side Panel R Sub Assy	9379906012
2	Side Panel L Sub Assy	9379907019
3	Pipe Panel Sub Assy	9379900003
4	Panel (Window) Sub Assy	9379915007
5	Outlet Frame Assy	9380042013
6	Front Panel (3 Fan)	9380595007
7	Valve Cover Sub Assy	9379576017
8	Fan Guard (3 Fan)	9380590002
9	Air Filter	9379575003
10	Main Panel (3 Fan)	9380603016
11	Cabinet Panel (3 Fan)	9380598008
12	Drain Pan Sub Assy	9379901178
13	Evaporator Total Assy	9380682493

INDOOR UNIT
ARXG18KLLAP



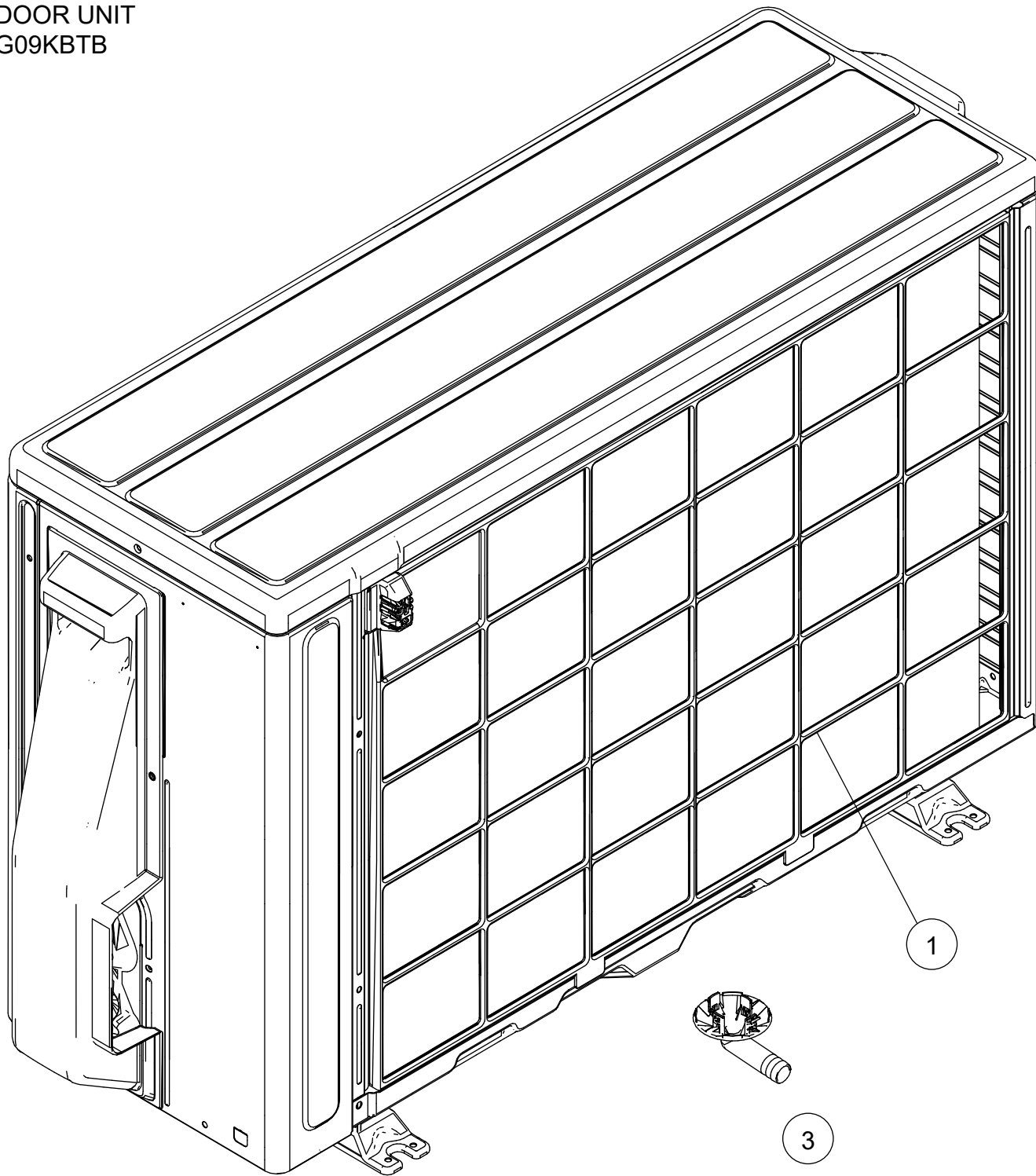
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21	Top Panel Sub Assy	9379908047
22	Sirroco Fan Assy	9379570022
23	Sirroco Fan Assy	9379570039
24	Shaft assy	9381052004
25	Joint Assy	9378038011
26	Rubber (Vibration Proof)	9379644006
27	Casing B	9379572019
28	Casing U	9379571012
29	Fan Motor Assy	9379047142
30	Hose Sub Assy	9378450097
31	Drain Pump Sub Assy	9379914062
32	Float Switch Sub Assy	9378593039
33	Drain Hose Assy	9379913003

INDOOR UNIT
ARXG18KLLAP



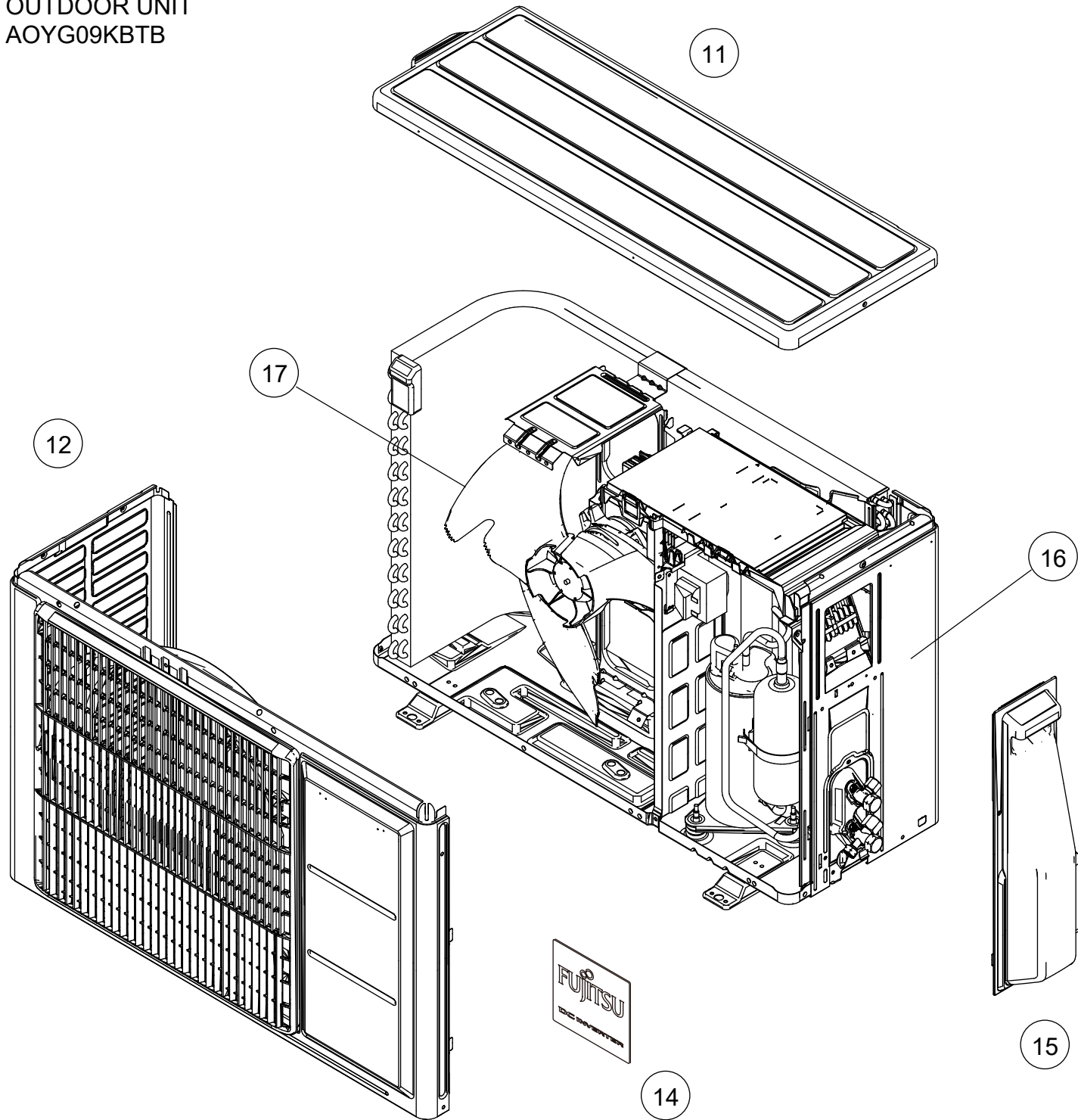
Ref	Description	Parts number
41	Power Supply PCB	9710661006
42	Main PCB	9710624131
43	2 way Remote PCB	9710019005
44	Terminal 3P	9900568009
45	Terminal 3P (Wired Remote)	9900896003
--	Room Thermistor	9900653019
--	Pipe Thermistor	9900942045

OUTDOOR UNIT
AOYG09KBTB

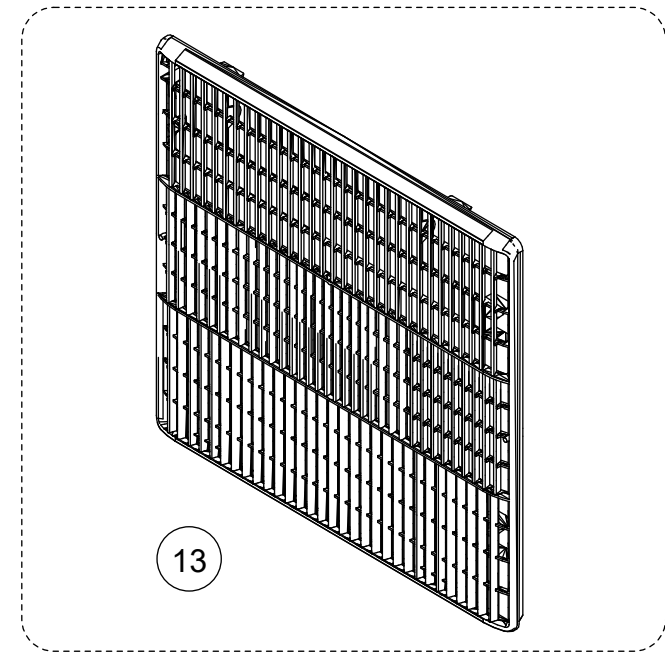


Ref.	Description	Part number
1	Protective net assy	9322811011
2	Outdoor thermistor	9900565060
3	Drain pipe	9322144003

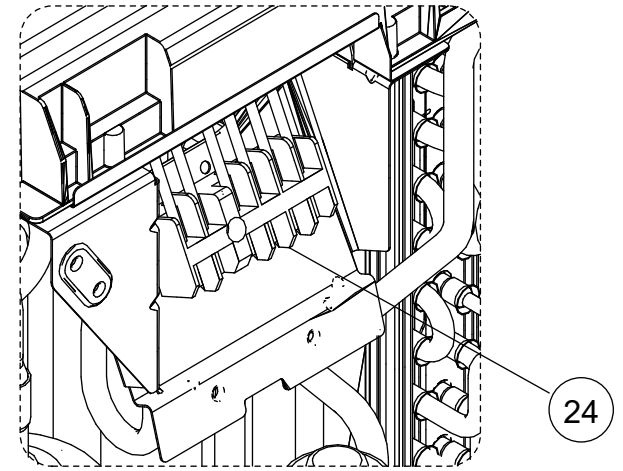
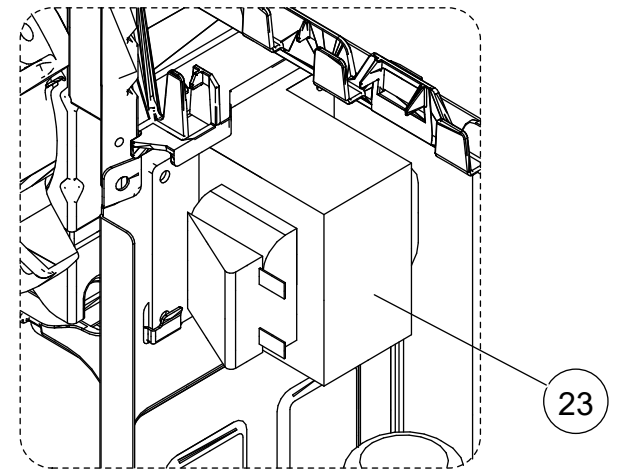
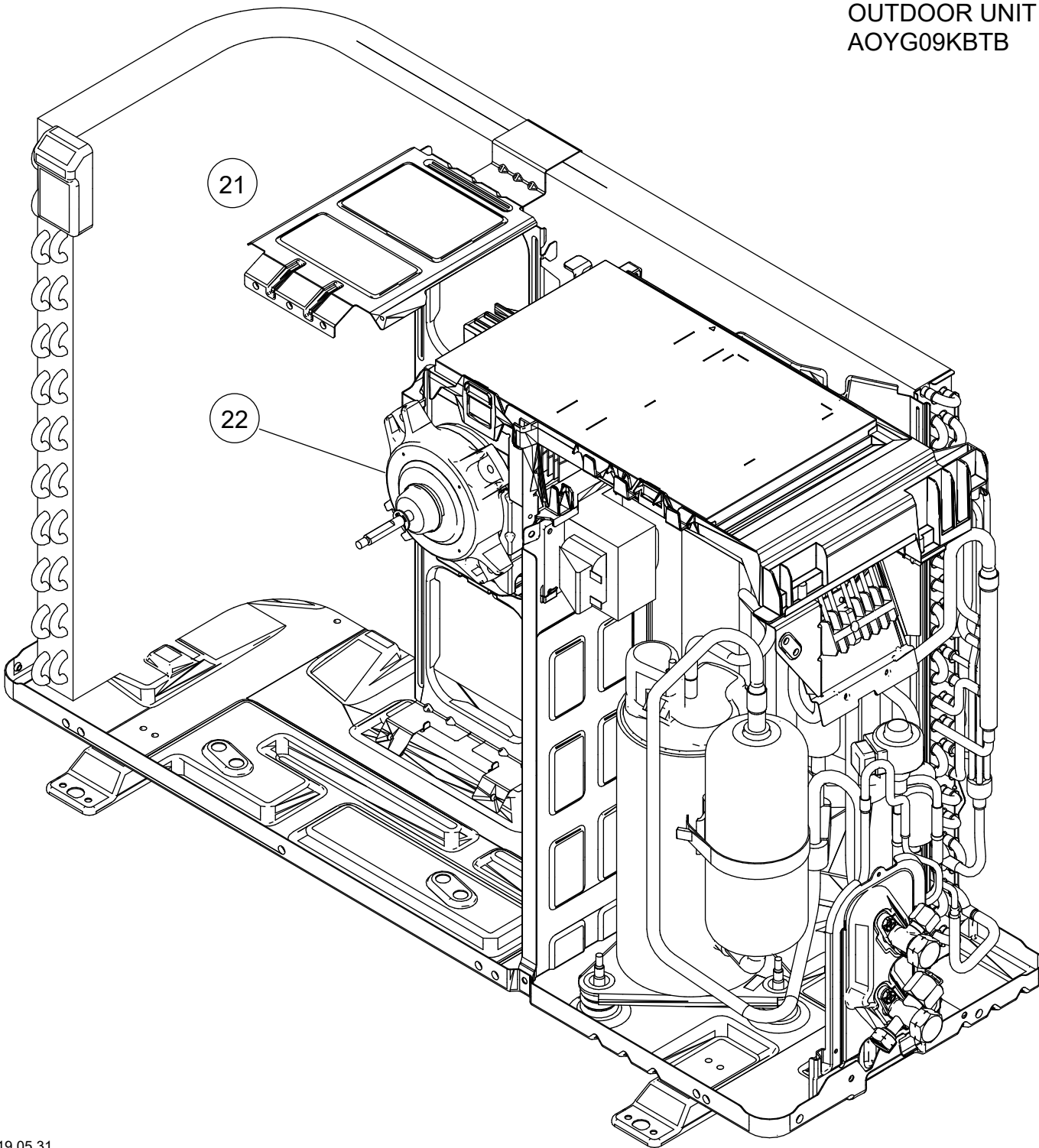
OUTDOOR UNIT
AOYG09KBTB



Ref.	Description	Part number
11	Top panel assy	9322556028
12	Front panel assy	9322555014
13	Blow grille	9322135001
14	Emblem	9319151007
15	Switch cover assy	9322570000
16	Cabinet right assy	9322552020
17	Propeller fan	9322136008

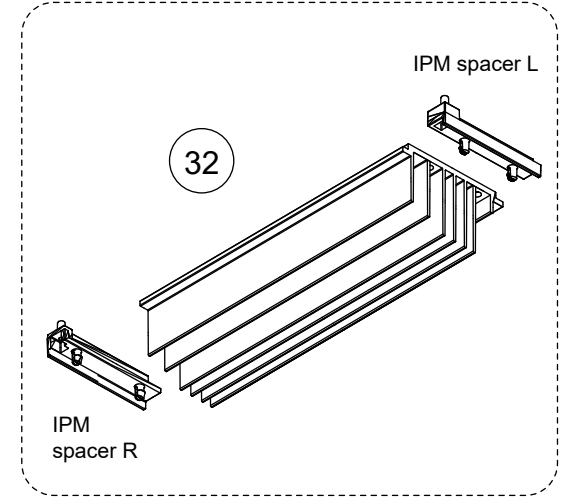
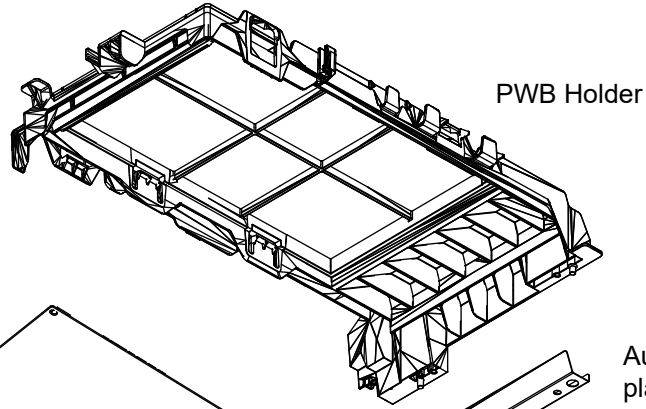
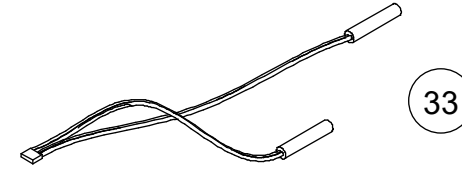
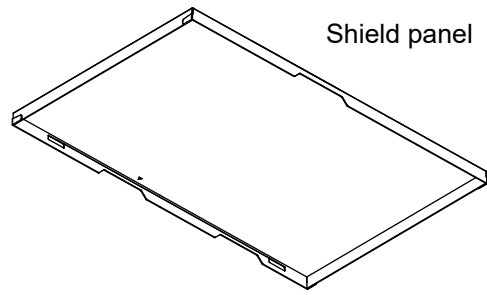


OUTDOOR UNIT
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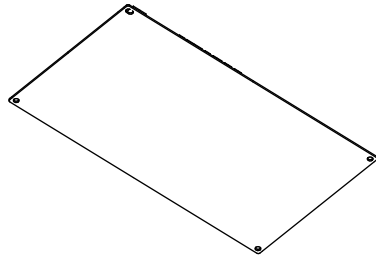


Ref.	Description	Part number
21	Motor bracket assy	9322553010
22	Brushless motor	9603657017
23	Reactor assy	9900583019
24	Terminal	9900435028

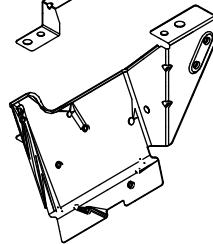
OUTDOOR UNIT
AOYG09KBTB



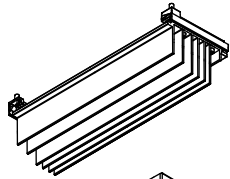
31



Auxiliary plate

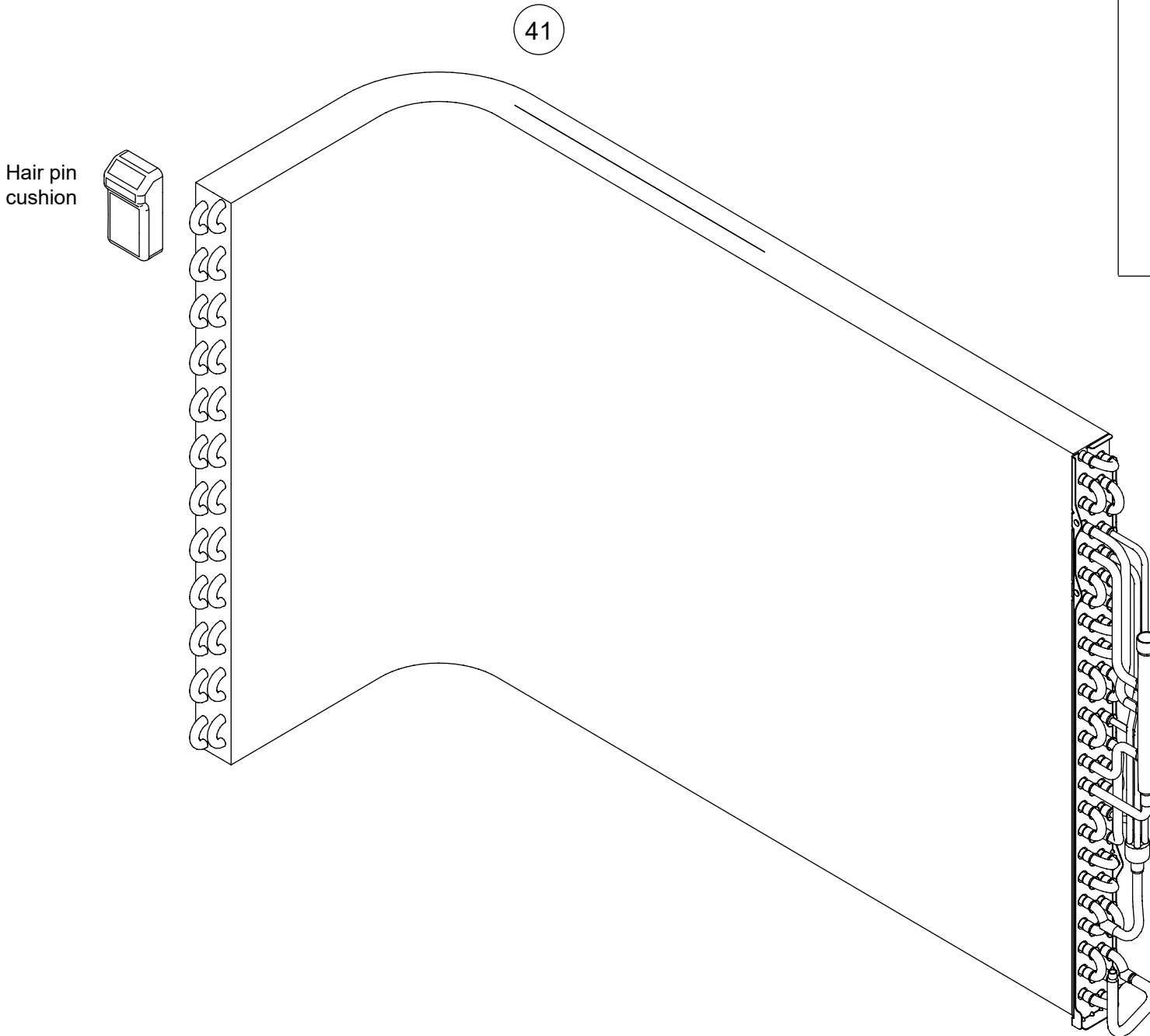


Terminal bracket assy

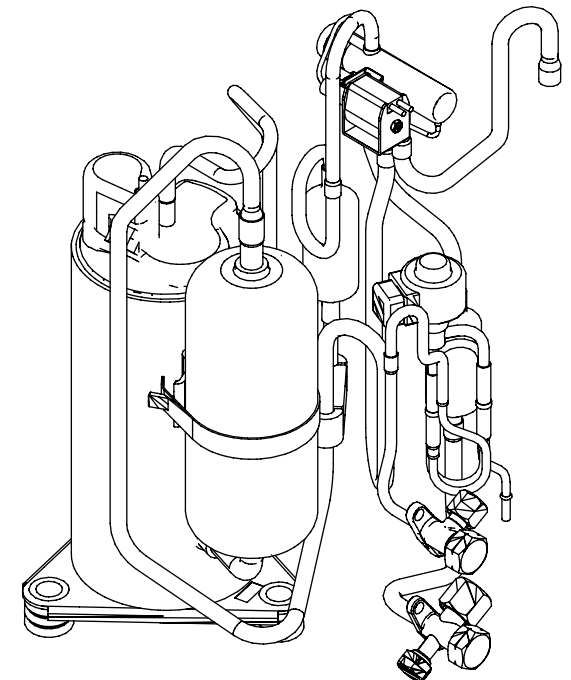


Ref.	Description	Part number
31	Main PCB	9709683415
32	Heatsink	9322418005
33	Thermistor assy	9900727062
---	Heat exchanger thermistor	9900984014

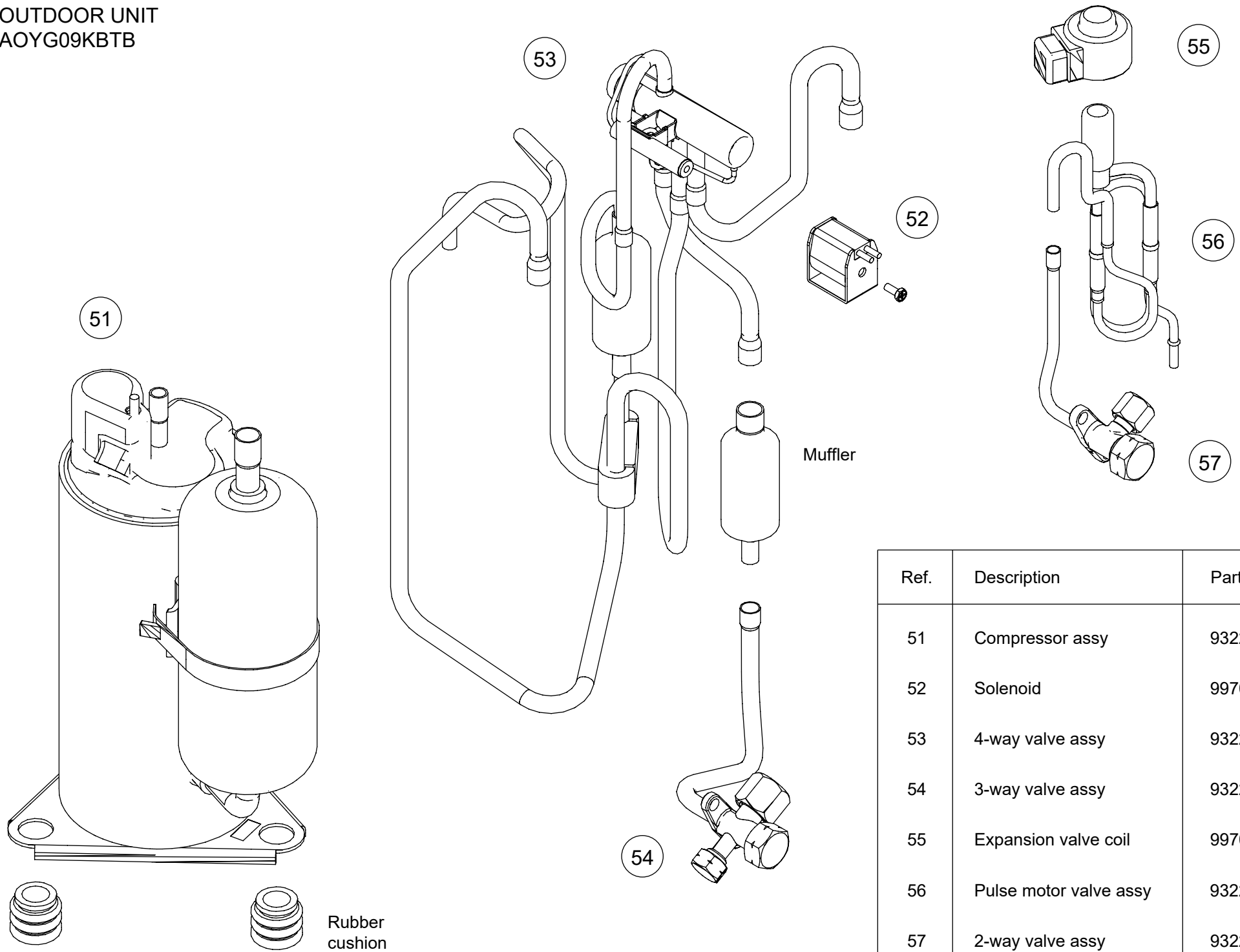
OUTDOOR UNIT
AOYG09KBTB



Ref.	Description	Part number
41	Condenser total assy	9322275004
-	S-insulator B	9322535009
-	S-insulator F	9322536006
-	S-insulator H	9322537003
-	S-insulator V	9323045002

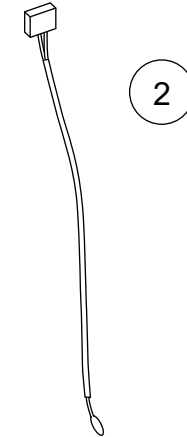
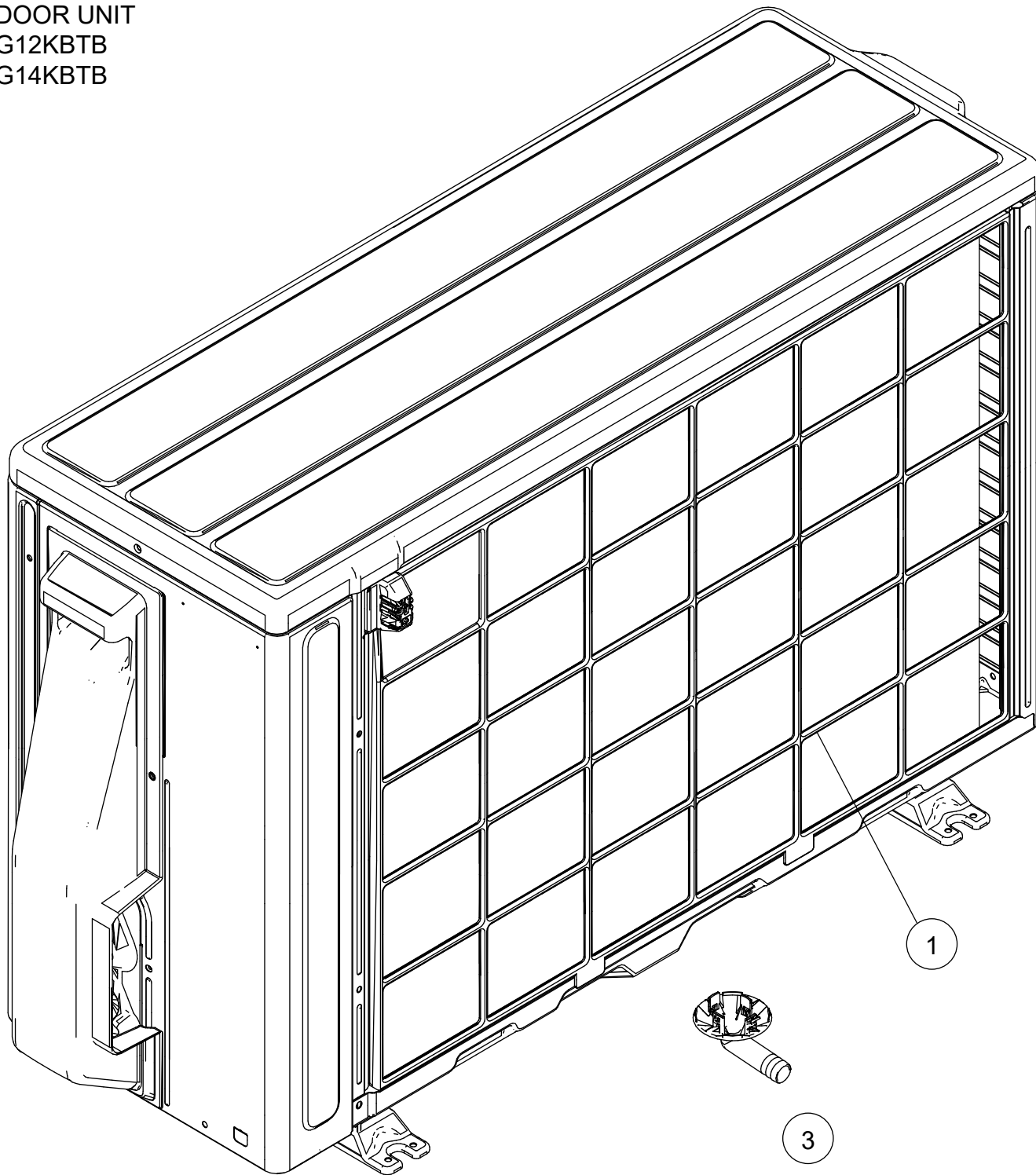


OUTDOOR UNIT
AOYG09KBTB



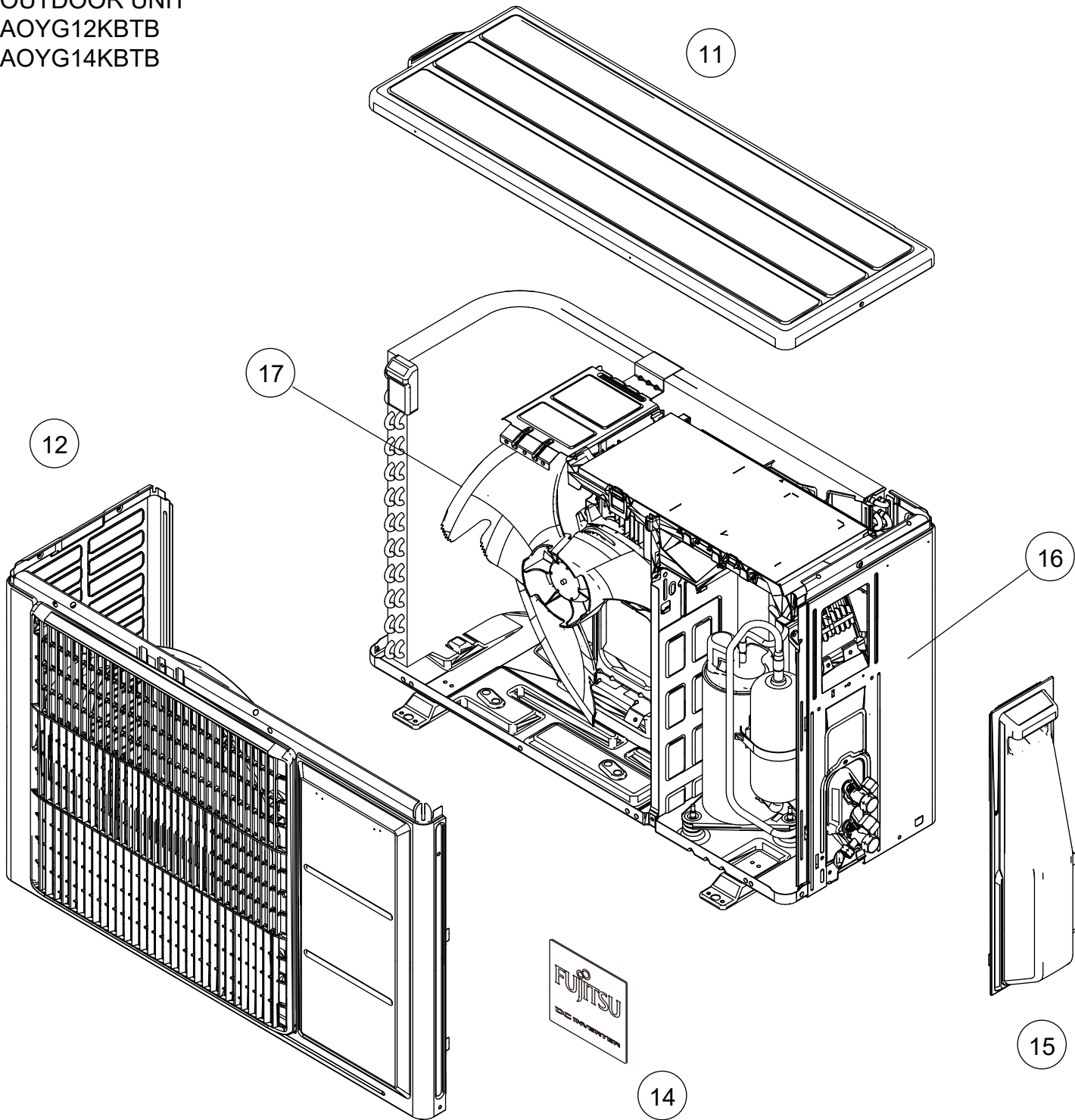
Ref.	Description	Part number
51	Compressor assy	9322427007
52	Solenoid	9970195006
53	4-way valve assy	9322444004
54	3-way valve assy	9322475008
55	Expansion valve coil	9970173028
56	Pulse motor valve assy	9322463029
57	2-way valve assy	9322474001

OUTDOOR UNIT
 AOYG12KBTB
 AOYG14KBTB

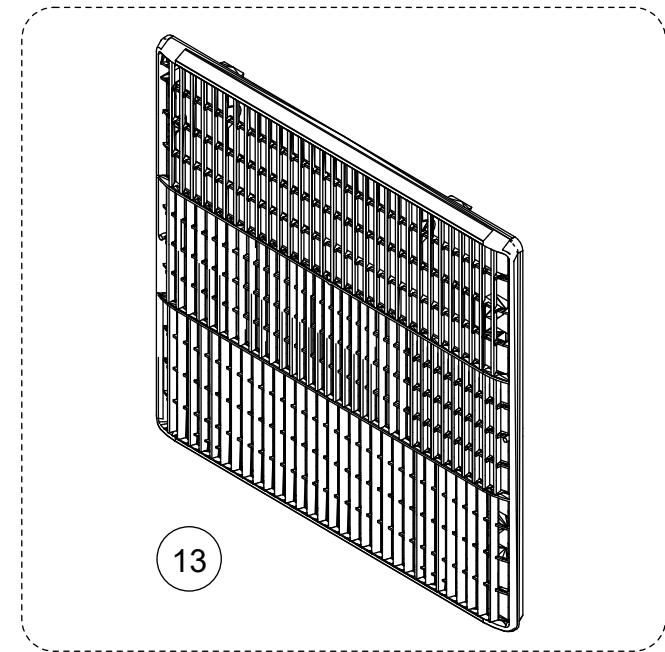


Ref.	Description	Part number
1	Protective net assy	9322811011
2	Outdoor thermistor	9900565060
3	Drain pipe	9322144003

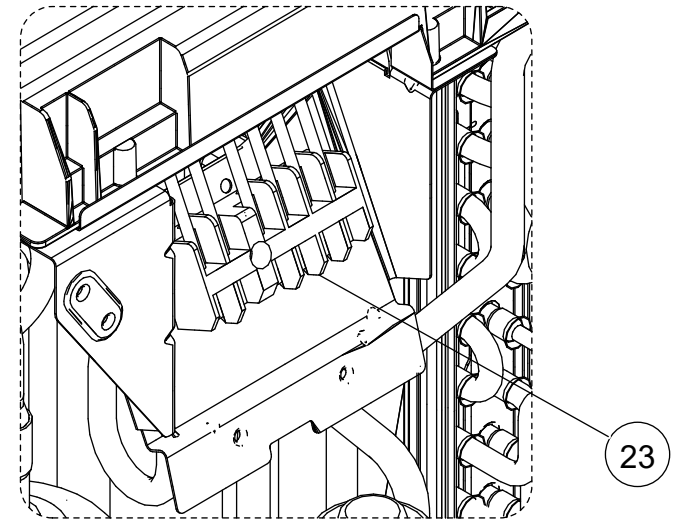
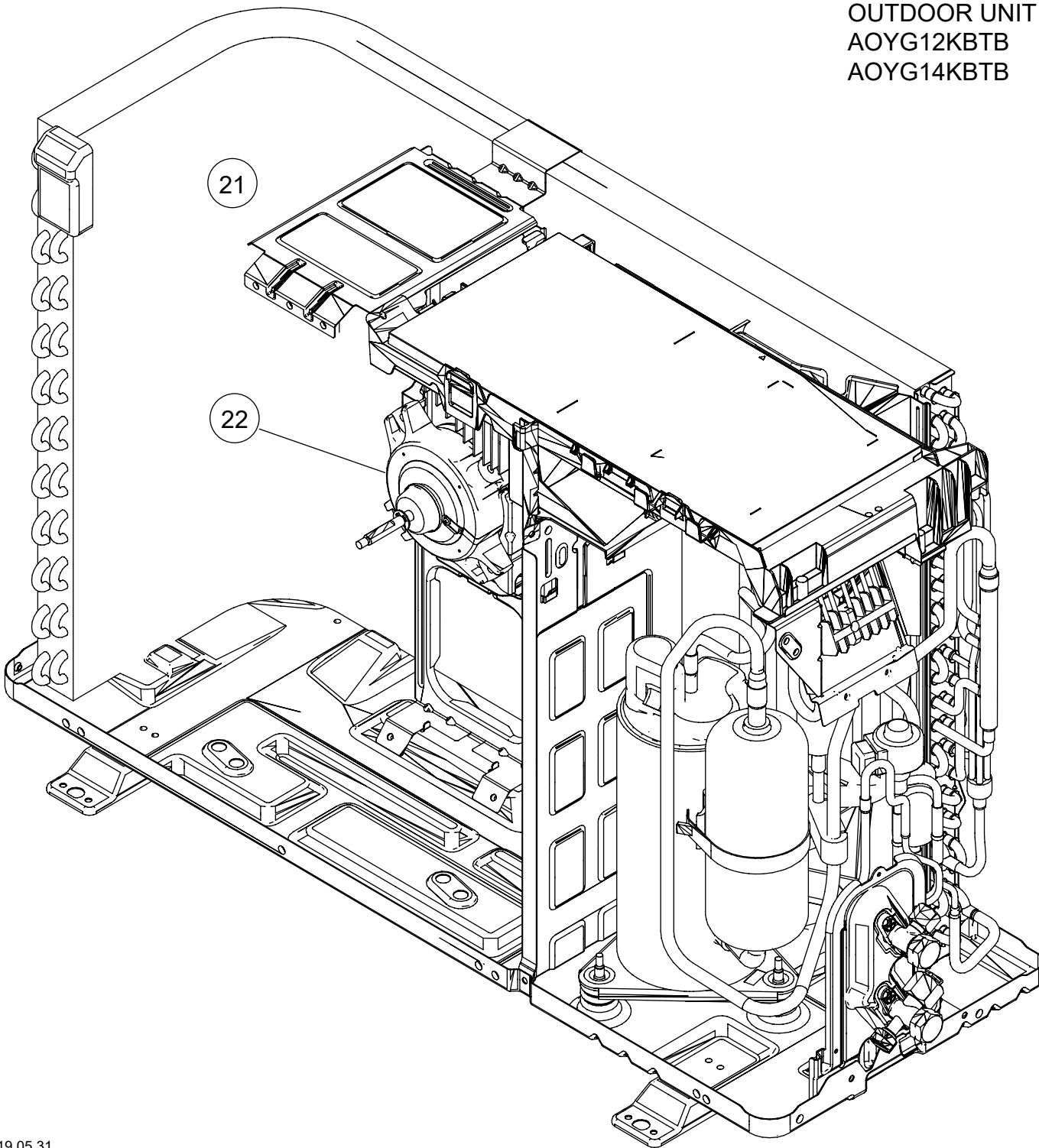
OUTDOOR UNIT
 AOYG12KBTB
 AOYG14KBTB



Ref.	Description	Part number
11	Top panel assy	9322556028
12	Front panel assy	9322555014
13	Blow grille	9322135001
14	Emblem	9319151007
15	Switch cover assy	9322570000
16	Cabinet right assy	9322552020
17	Propeller fan	9322136008

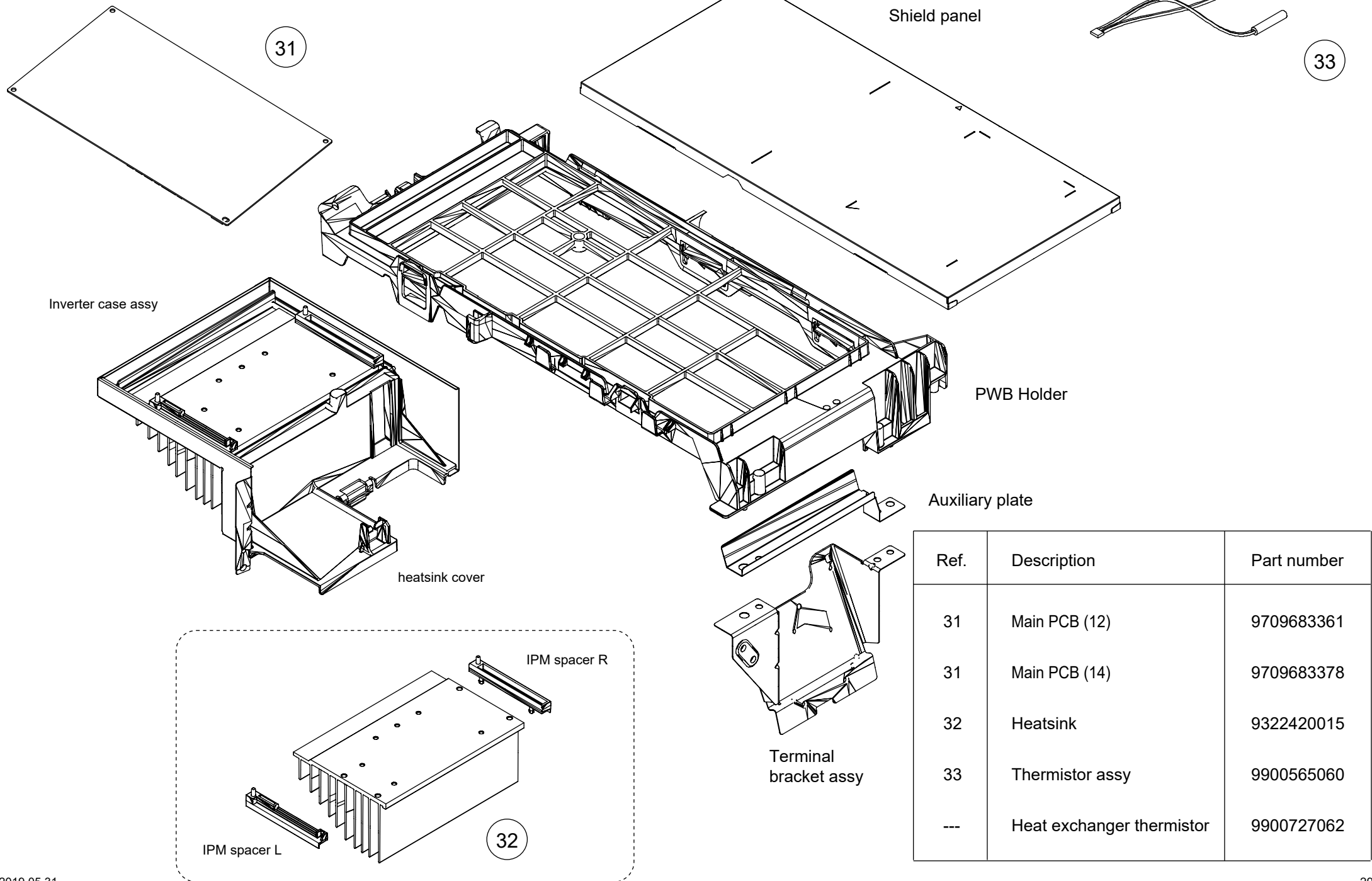


OUTDOOR UNIT
 AOYG12KBTB
 AOYG14KBTB



Ref.	Description	Part number
21	Motor bracket assy	9322553010
22	Brushless motor	9603657017
23	Terminal	9900435028

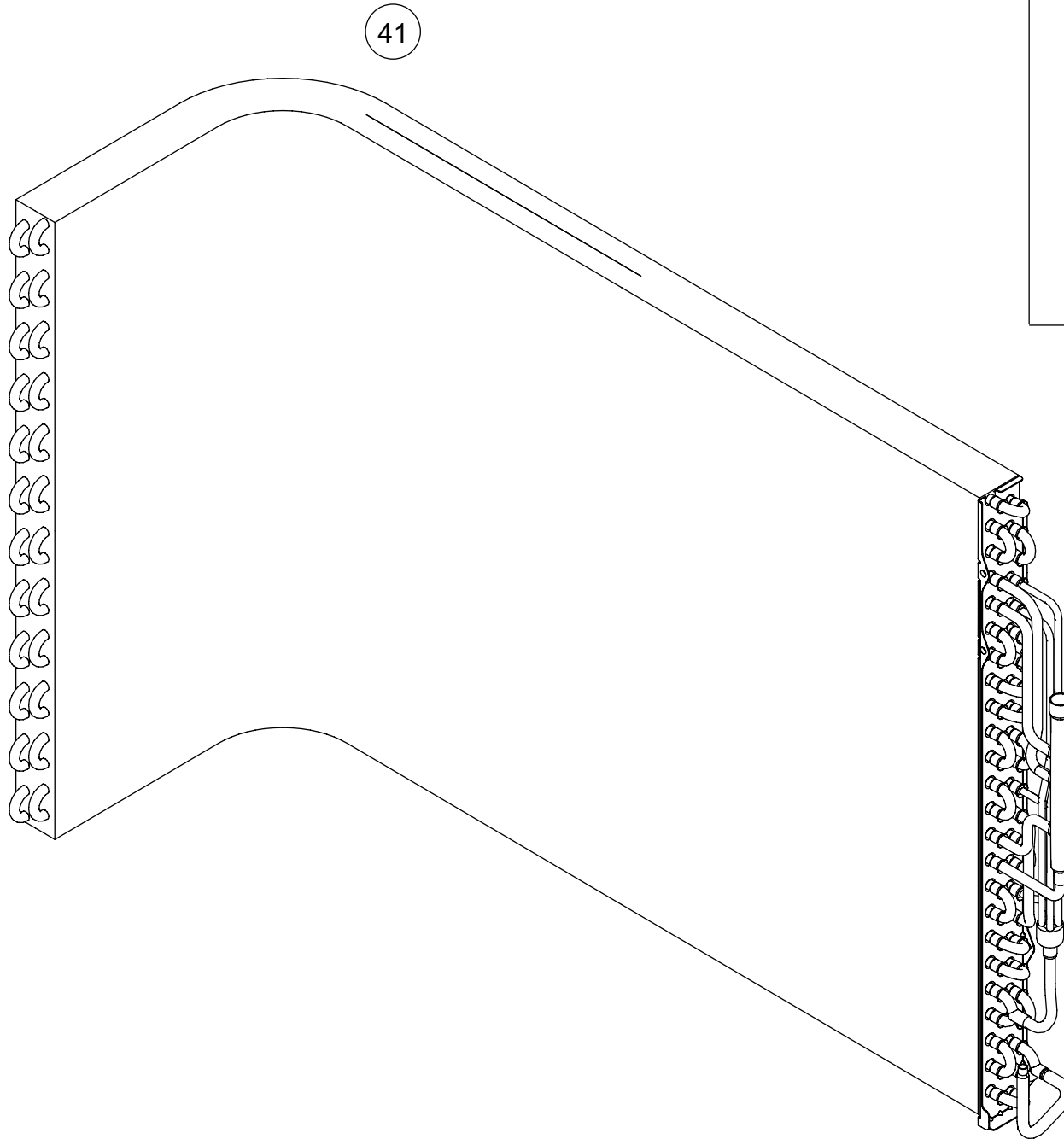
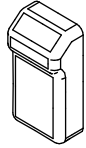
OUTDOOR UNIT
 AOYG12KBTB
 AOYG14KBTB



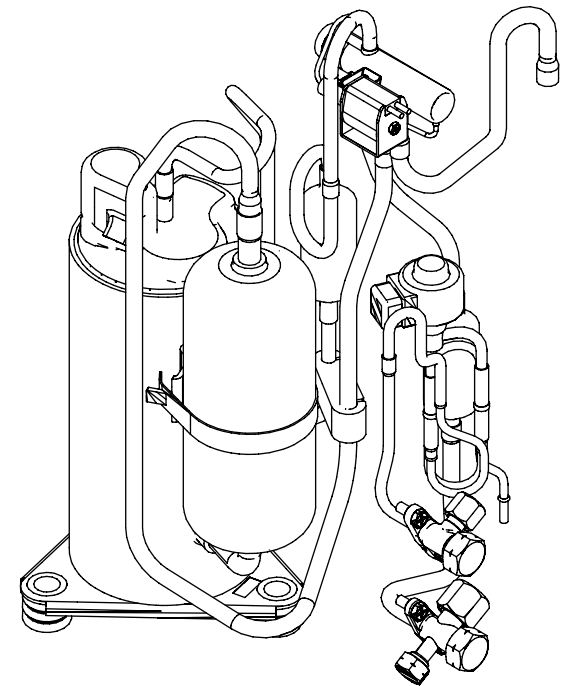
Ref.	Description	Part number
31	Main PCB (12)	9709683361
31	Main PCB (14)	9709683378
32	Heatsink	9322420015
33	Thermistor assy	9900565060
---	Heat exchanger thermistor	9900727062

OUTDOOR UNIT
 AOYG12KBTB
 AOYG14KBTB

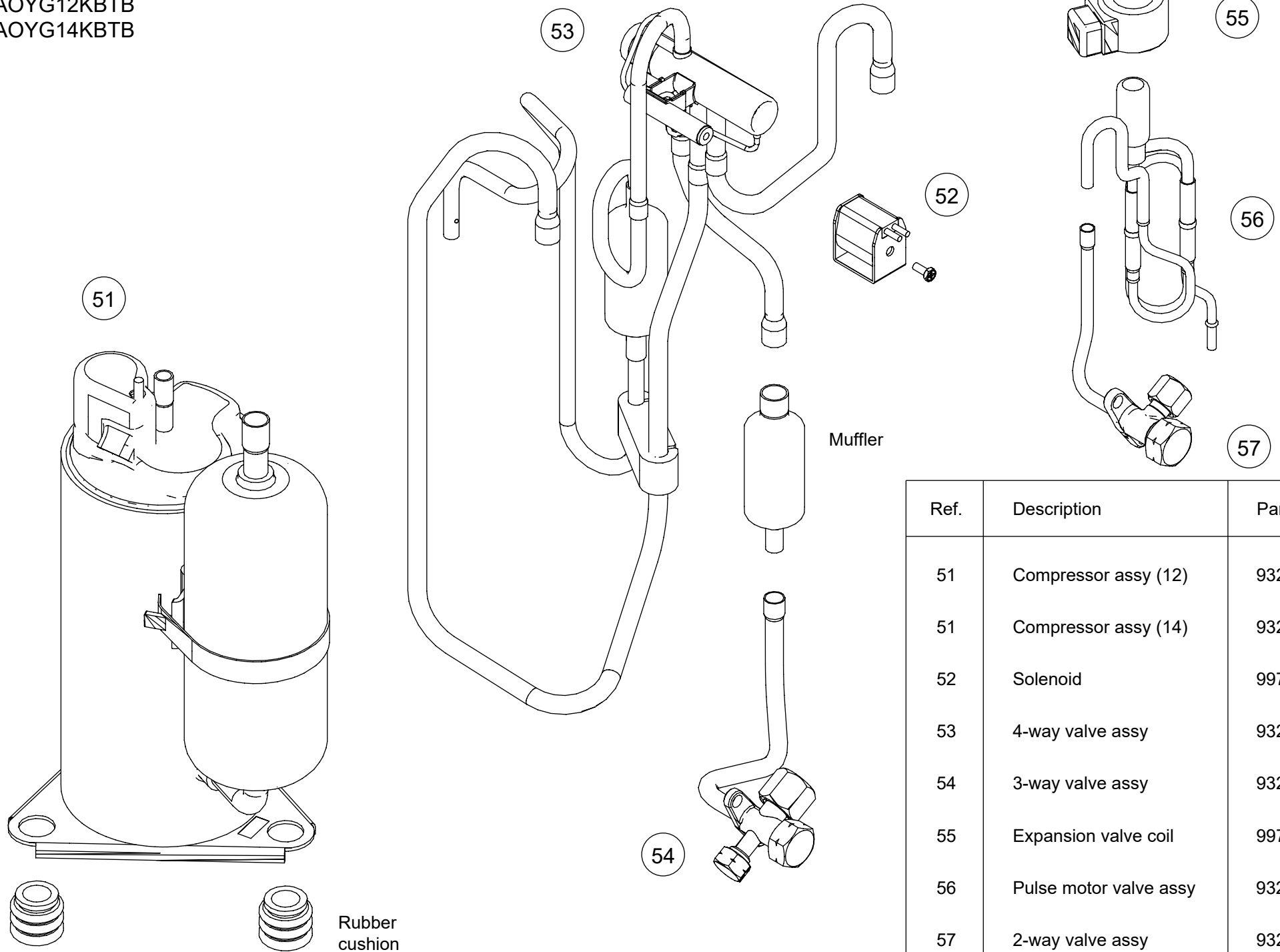
Hair pin
 cushion



Ref.	Description	Part number
41	Condenser total assy	9322275004
-	S-insulator B	9322535009
-	S-insulator F	9322536006
-	S-insulator H	9322537003
-	S-insulator V	9323045002



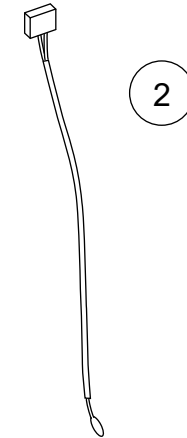
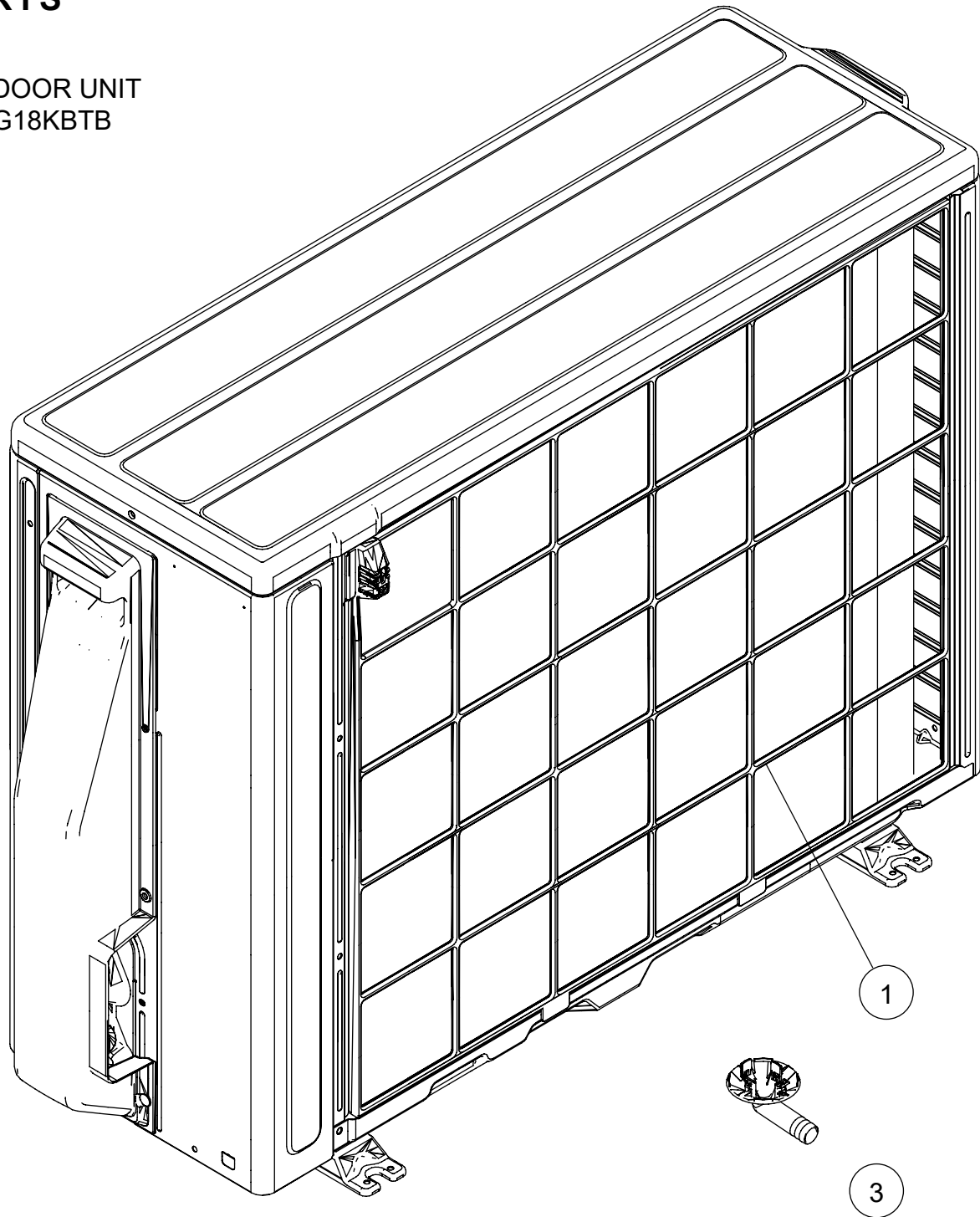
OUTDOOR UNIT
 AOYG12KBTB
 AOYG14KBTB



Ref.	Description	Part number
51	Compressor assy (12)	9322431004
51	Compressor assy (14)	9322433008
52	Solenoid	9970195006
53	4-way valve assy	9322445001
54	3-way valve assy	9322475008
55	Expansion valve coil	9970173028
56	Pulse motor valve assy	9322463029
57	2-way valve assy	9322474001

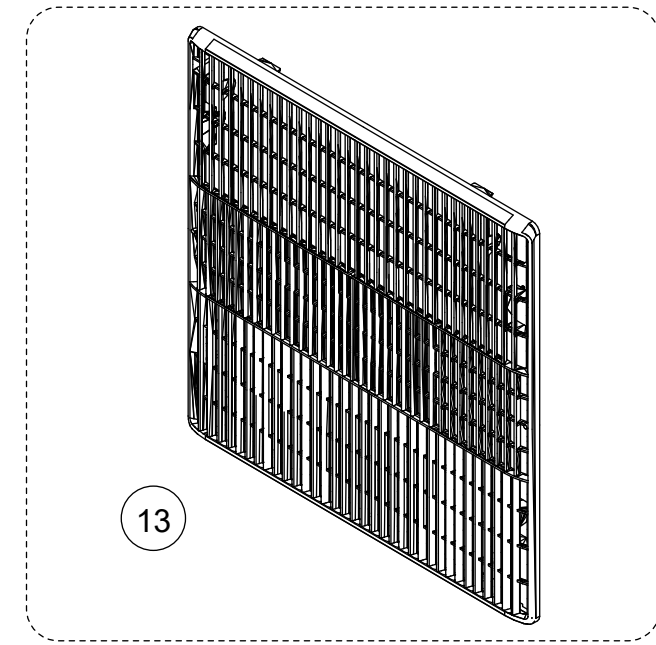
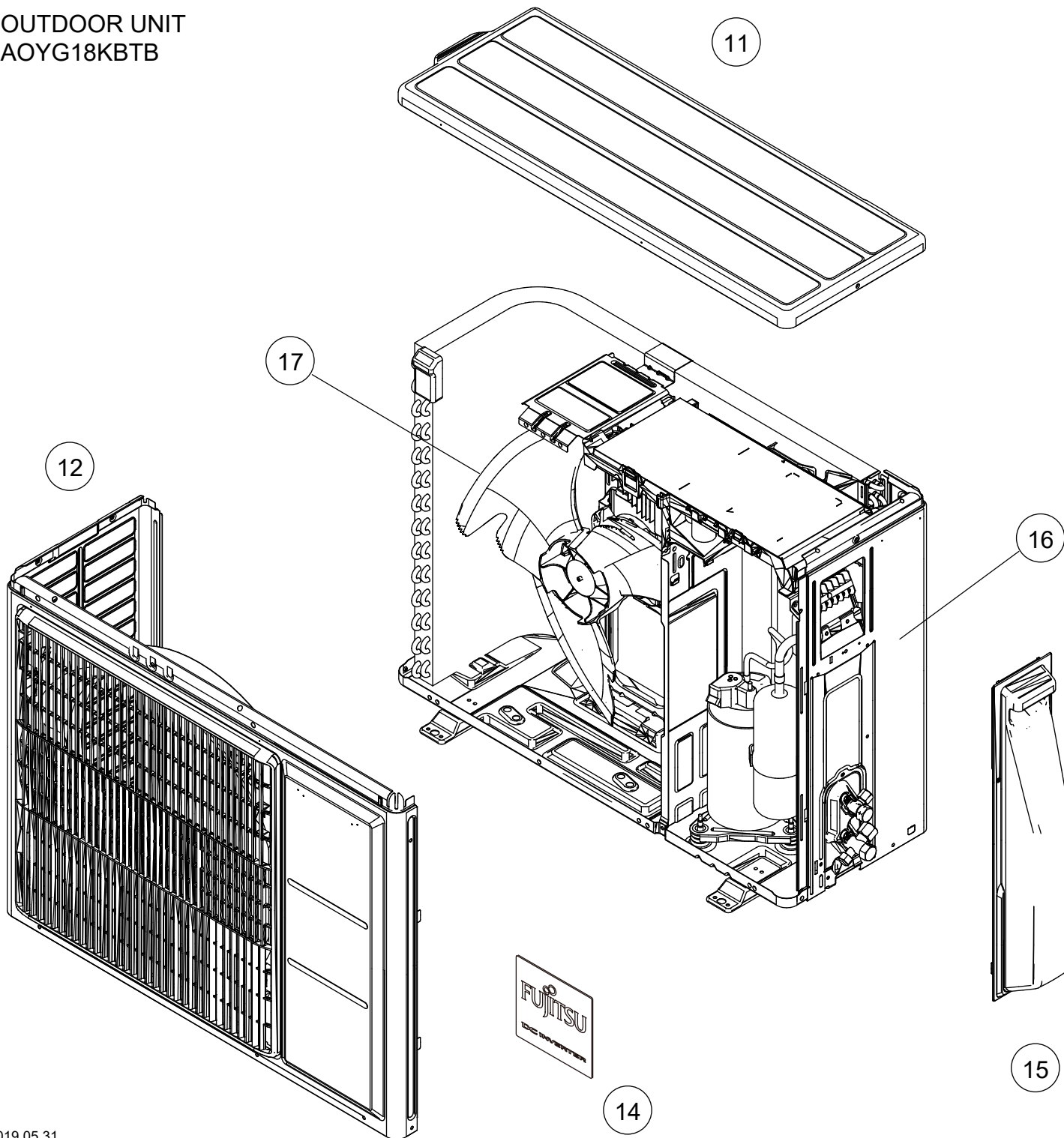
PARTS

OUTDOOR UNIT
AOYG18KBTB



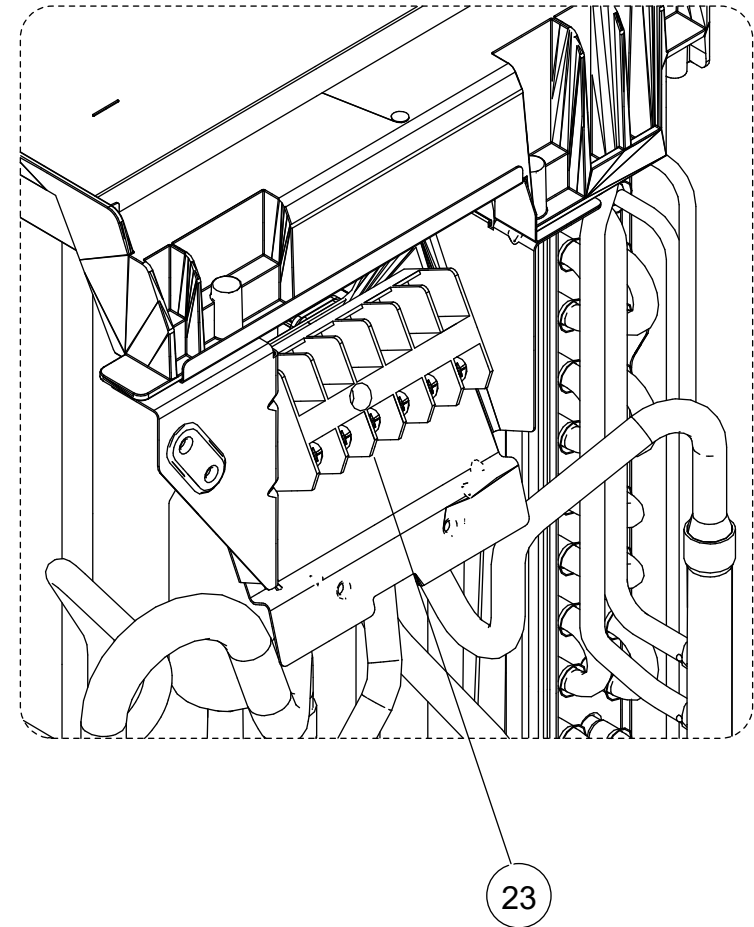
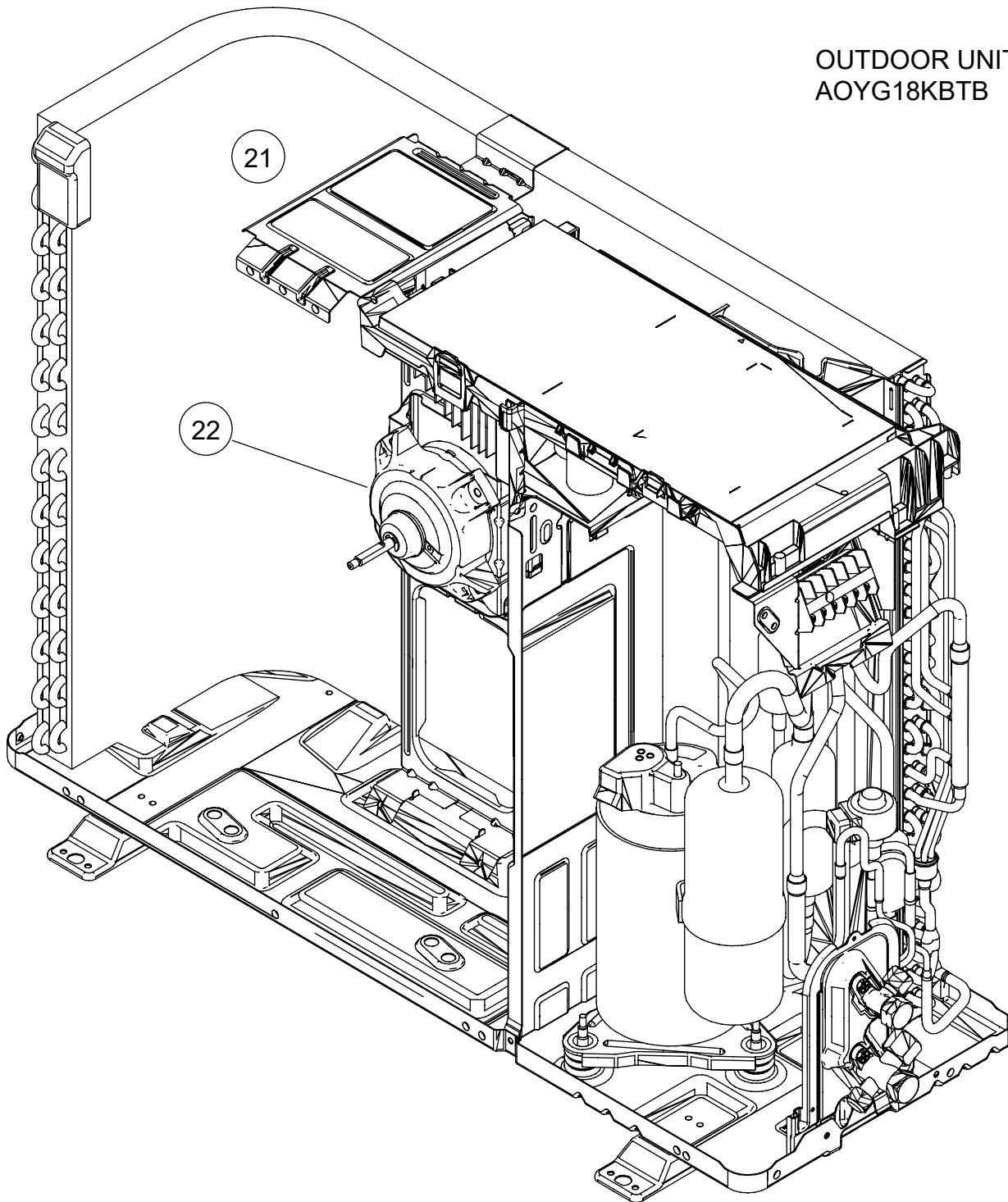
Ref.	Description	Part number
1	Protective net assy	9322811028
2	Outdoor thermistor	9900565060
3	Drain pipe	9322144003

OUTDOOR UNIT
AOYG18KBTB



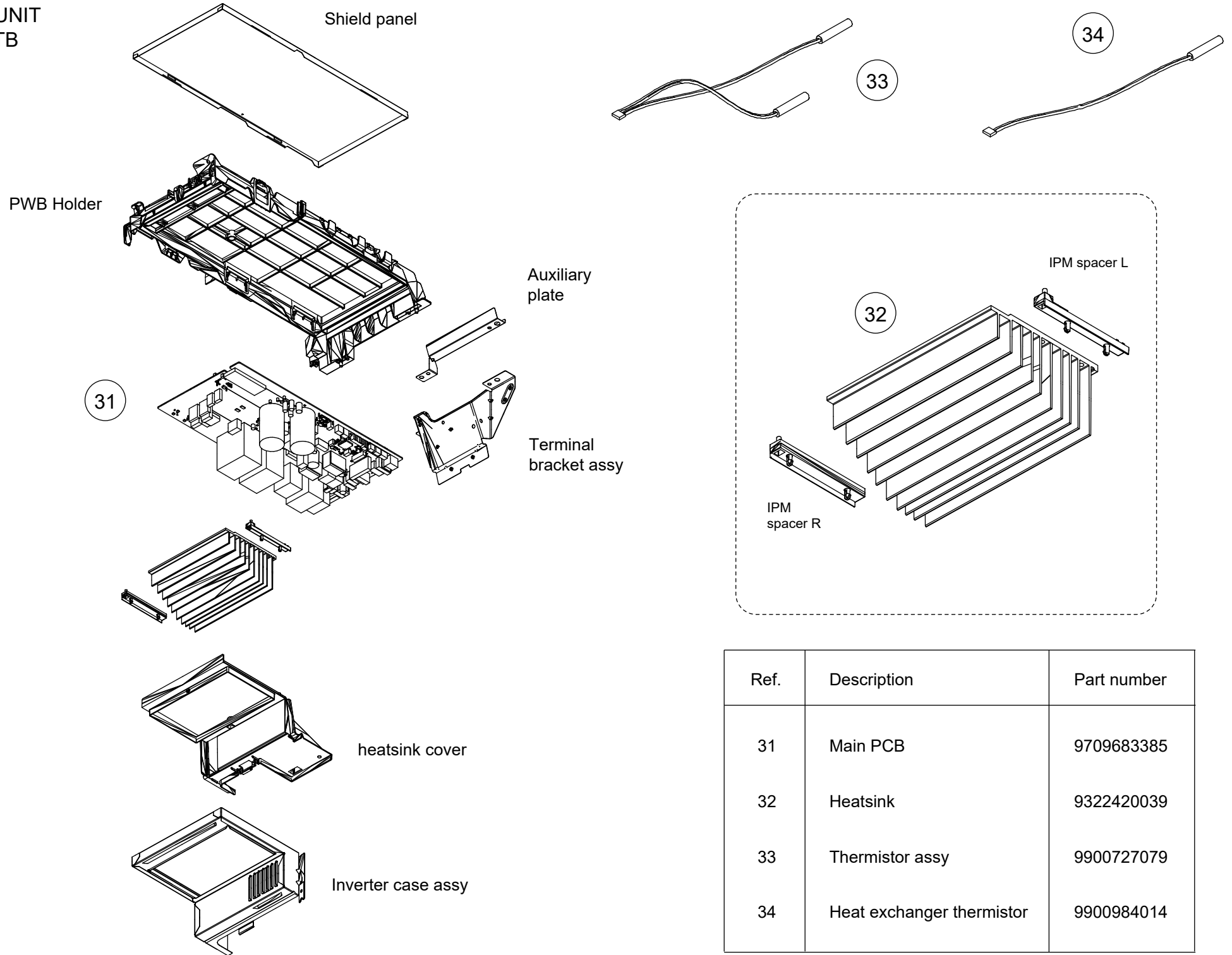
Ref.	Description	Part number
11	Top panel assy	9322556028
12	Front panel assy	9322555021
13	Blow grille	9322149008
14	Emblem	9319151007
15	Switch cover assy	9322570024
16	Cabinet right assy	9322552099
17	Propeller fan	9322150004

OUTDOOR UNIT
AOYG18KBTB



Ref.	Description	Part number
21	Motor bracket assy	9322553027
22	Brushless motor	9603601003
23	Terminal	9900435028

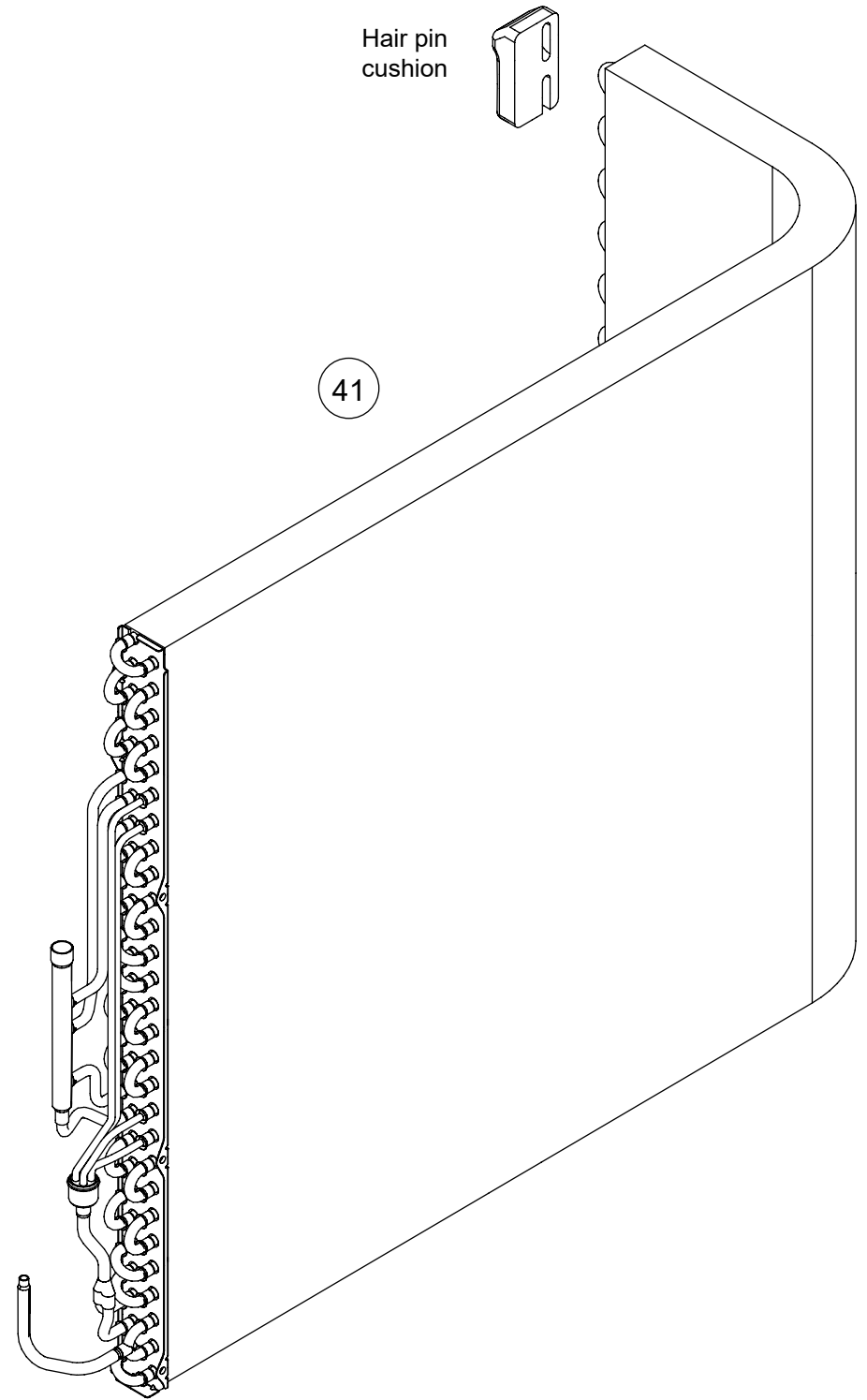
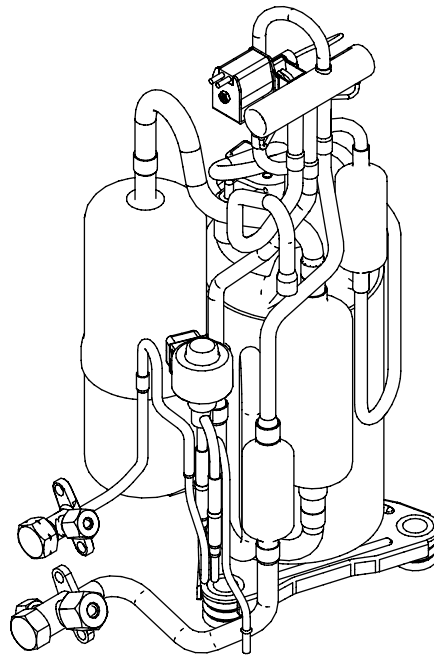
OUTDOOR UNIT
AOYG18KBTB



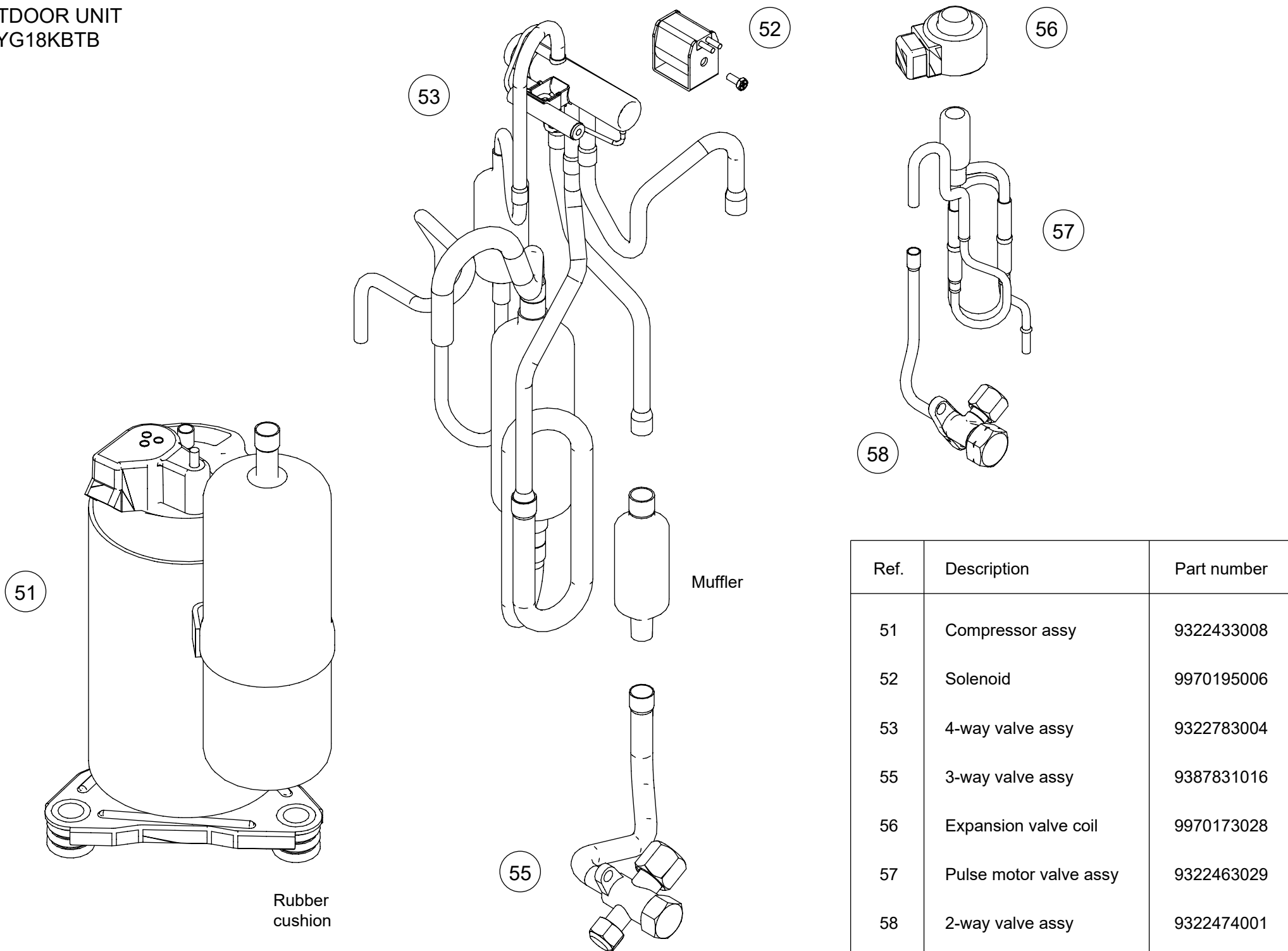
Ref.	Description	Part number
31	Main PCB	9709683385
32	Heatsink	9322420039
33	Thermistor assy	9900727079
34	Heat exchanger thermistor	9900984014

OUTDOOR UNIT
AOYG18KBTB

Ref.	Description	Part number
41	Condenser total assy	9317089616
-	S-insulator B	9322500007
-	S-insulator F	9322847003
-	S-insulator H	9322501004
-	S-insulator V	9323045002





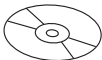
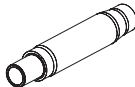


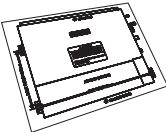




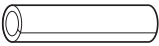

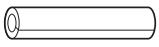
OUTDOOR UNIT
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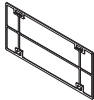
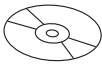
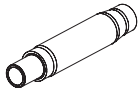


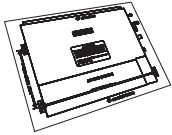


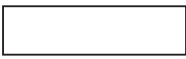

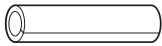

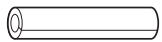
Ref.	Description	Part number
51	Compressor assy	9322433008
52	Solenoid	9970195006
53	4-way valve assy	9322783004
55	3-way valve assy	9387831016
56	Expansion valve coil	9970173028
57	Pulse motor valve assy	9322463029
58	2-way valve assy	9322474001

Accessories (Indoor unit)

Models: ARXG09KLLAP, ARXG12KLLAP, and ARXG14KLLAP



Part name	Exterior	Q'ty	Part name	Exterior	Q'ty
Operating manual		1	Filter (small)		2
Operating manual (CD-ROM)		1	Drain hose		1
Installation manual		1	Hose band		1
Installation template		1	Drain hose insulation B		1
Washer		8	Insulation (for electrical wiring)		2
Cable tie (large)		4	Coupler heat insulation (large)		1
Cable tie (medium)		3	Coupler heat insulation (small)		1

Model: ARXG18KLLAP

Part name	Exterior	Q'ty	Part name	Exterior	Q'ty
Operating manual		1	Filter (large)		2
Operating manual (CD-ROM)		1	Drain hose		1
Installation manual		1	Hose band		1
Installation template		1	Drain hose insulation B		1
Washer		8	Insulation (for electrical wiring)		2
Cable tie (large)		4	Coupler heat insulation (large)		1
Cable tie (medium)		3	Coupler heat insulation (small)		1

Accessories (Outdoor unit)

**Models: AOYG09KBTB, AOYG12KBTB, AOYG14KBTB,
and AOYG18KBTB**

Part name	Exterior	Q'ty	Part name	Exterior	Q'ty
Installation manual		1	Drain pipe		1

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