

AIR CONDITIONER

**4-unit multi-split type,
5-unit multi-split type**

SERVICE MANUAL

INDOOR



AUXG07-22KVLA



ARXG07-14KSLAP
ARXG18KSLAP



ARXG07-14KLLAP
ARXG18KLLAP



ARXH12-18KMTAP
ARXH22KMTAP
ARXG22KMLB



ASYG07-14KMTB
ASYG07-14KMCC
ASYG07-14KMCE
ASYG07-14KMCF
ASYH07-14KMCG



ASYH07-14KMCG-B



ASYG07-14KETA
ASYG07-14KETE
ASYG07-14KETF
ASYG07-14KETA-B
ASYG07-14KETE-B
ASYG07-14KETF-B



ASYG07-14KGTB
ASYG07-14KGTG
ASYG07-14KGTG



ASYH05-12KNCA



ASYG18-24KMTB
ASYG18-24KMTE



ABYG18-22KRTA



AGYG09-14KVCA

OUTDOOR



AOYG30KBTA4
AOYG36KBTA5

FUJITSU GENERAL LIMITED

■ Slim duct type

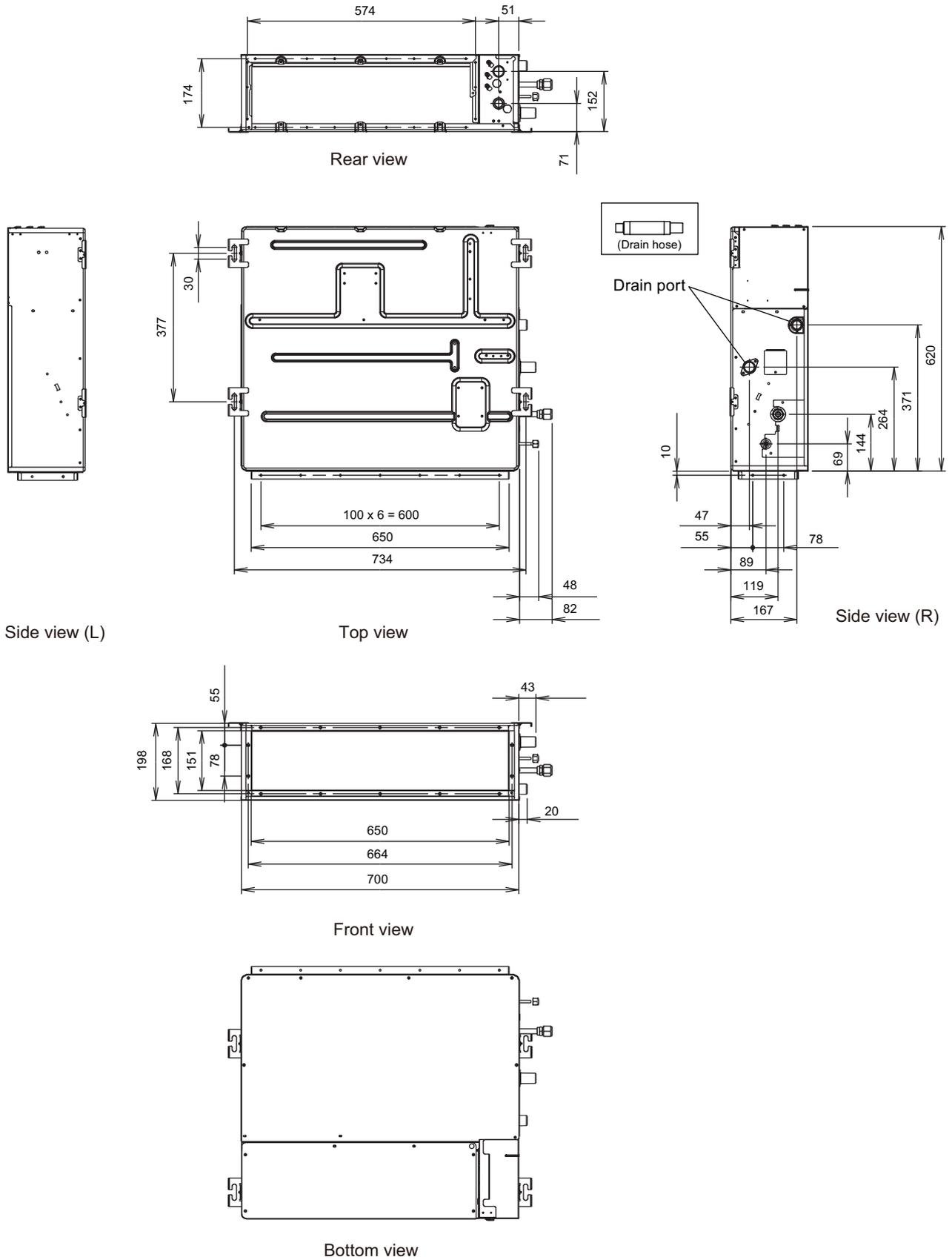
Model name			ARXG07KLLAP	ARXG09KLLAP	ARXG12KLLAP	ARXG14KLLAP	
Power supply			1Ø 230 V~ 50 Hz				
Available voltage range			198—264 V				
Capacity	kW class		2.0	2.5	3.5	4.0	
Input power	W		33	49	58	76	
Running current	A		0.33	0.30	0.35	0.51	
Fan	Airflow rate	Cooling	HIGH	550	600	650	800
			MED	490	550	600	700
			LOW	470	500	550	600
			QUIET	440	450	480	480
	Heating	HIGH	550	600	650	800	
		MED	490	550	600	700	
		LOW	470	500	550	600	
		QUIET	440	450	480	480	
	Type × Qty		Sirocco fan × 2				
	Motor output		W	80	81		
Recommended static pressure			Pa				
Sound pressure level*	Cooling	HIGH	28		29	32	
		MED	26	27	28	30	
		LOW	25	26	27	28	
		QUIET	24	25	26	26	
	Heating	HIGH	28		29	32	
		MED	26	26	28	30	
		LOW	25	27	28	28	
		QUIET	24		27	25	
Sound power level	Cooling	dB (A)		57	58	60	
	Heating			57	58	60	
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 500 × 26.6	294 × 500 × 39.9		
	Fin pitch		mm	1.3			
	Rows × Stages			2 × 14	3 × 14		
	Pipe type			Copper tube			
	Fin type			Aluminum			
Enclosure	Material	Steel sheet					
	Color	—					
Dimensions (H × W × D)	Net	mm	198 × 700 × 620				
	Gross		276 × 968 × 772				
Weight	Net	kg	16	17			
	Gross		21	22			
Connection pipe	Size	Liquid	mm (in)				
		Gas	Ø6.35 (Ø1/4)				
	Method	Ø9.52 (Ø3/8)					
Drain hose	Material	Flare					
	Tip diameter	mm	Polyvinyl chloride				
Operation range	Cooling	°C	Ø25 (I.D.), Ø32 (O.D.)				
		%RH	18 to 32				
	Heating	°C	80 or less				
			16 to 30				
NOTES:							
<ul style="list-style-type: none"> • Values mentioned in the table are based on the following conditions: <ul style="list-style-type: none"> – Static pressure: 25 Pa • The protective function might work when using it outside the operation range. • *: Sound pressure level: <ul style="list-style-type: none"> – These are the measured values in the 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. 							

Model name				ARXG18KLLAP		
Power supply				1Ø 230 V~ 50 Hz		
Available voltage range				198—264 V		
Capacity			kW class	5.0		
Input power				W		
Running current				A		
Fan	Airflow rate	Cooling	HIGH	m ³ /h	940	
			MED		880	
			LOW		820	
			QUIET		750	
		Heating	HIGH		940	
			MED		880	
			LOW		820	
			QUIET		750	
	Type × Qty		Sirocco fan × 3			
	Motor output			W	81	
Recommended static pressure				Pa	0 to 90	
Sound pressure level*	Cooling	HIGH	dB (A)	32		
		MED		30		
		LOW		29		
		QUIET		27		
	Heating	HIGH		32		
		MED		30		
		LOW		29		
		QUIET		27		
Sound power level		Cooling	dB (A)	58		
		Heating		58		
Heat exchanger type	Dimensions (H × W × D)		mm	294 × 700 × 39.9		
	Fin pitch		mm	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 × 900 × 620		
	Gross			276 × 1,168 × 772		
Weight	Net		kg	20		
	Gross			26		
Connection pipe	Size	Liquid	mm (in)	Ø6.35 (Ø1/4)		
		Gas		Ø12.70 (Ø1/2)		
	Method		Flare			
Drain hose	Material			Polyvinyl chloride		
	Tip diameter		mm	Ø25 (I.D.), Ø32 (O.D.)		
Operation range	Cooling	°C		18 to 32		
		%RH		80 or less		
	Heating	°C		16 to 30		
NOTES:						
<ul style="list-style-type: none"> • Values mentioned in the table are based on the following conditions: <ul style="list-style-type: none"> – Static pressure: 25 Pa • The protective function might work when using it outside the operation range. • *: Sound pressure level: <ul style="list-style-type: none"> – These are the measured values in the 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. 						

2-3. Slim duct type

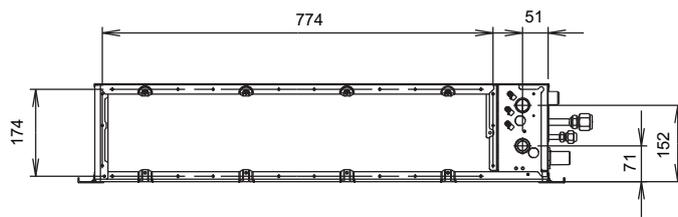
■ Models: ARXG07-14KLLAP

Unit: mm

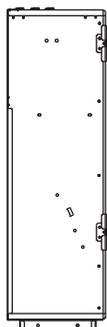


■ Model: ARXG18KLLAP

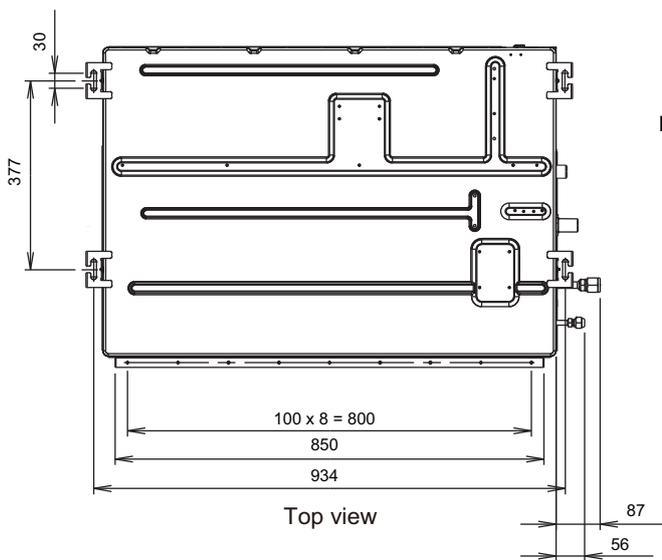
Unit: mm



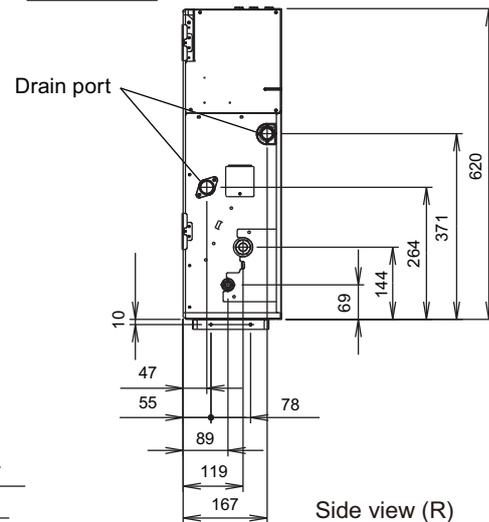
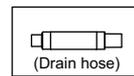
Rear view



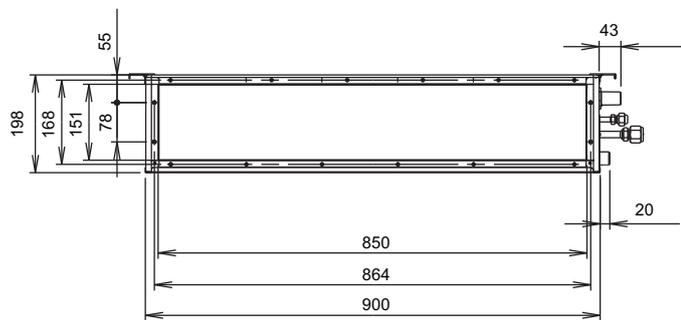
Side view (L)



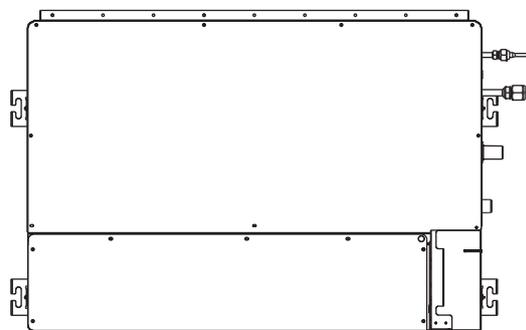
Top view



Side view (R)



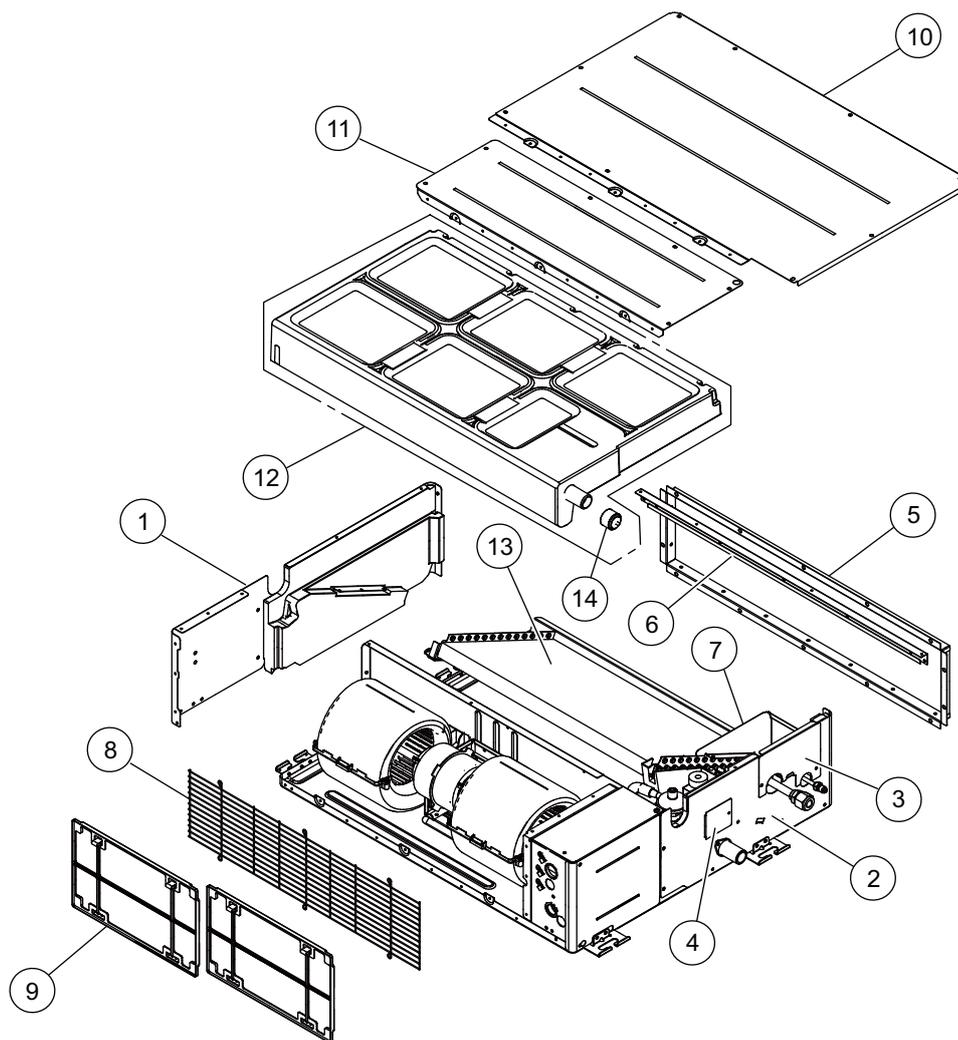
Front view



Bottom view

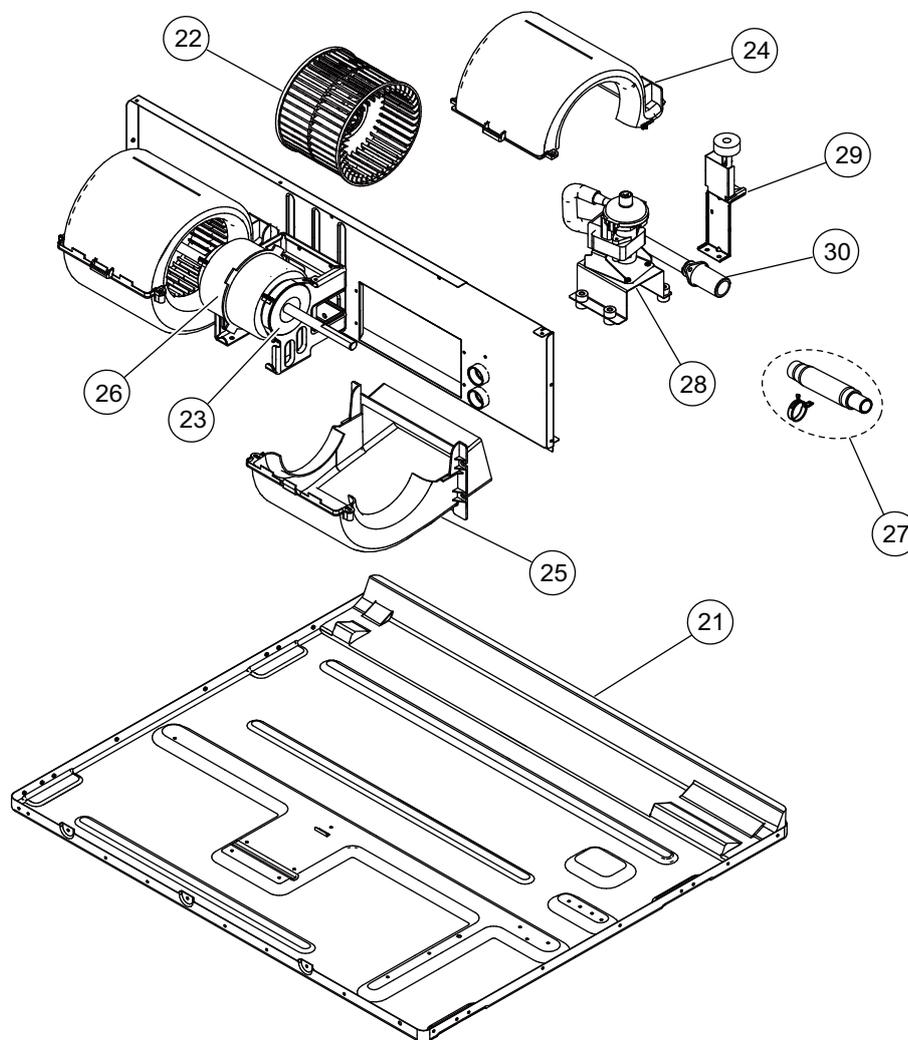
3-3. Slim duct type

■ Models: ARXG07-14KLLAP



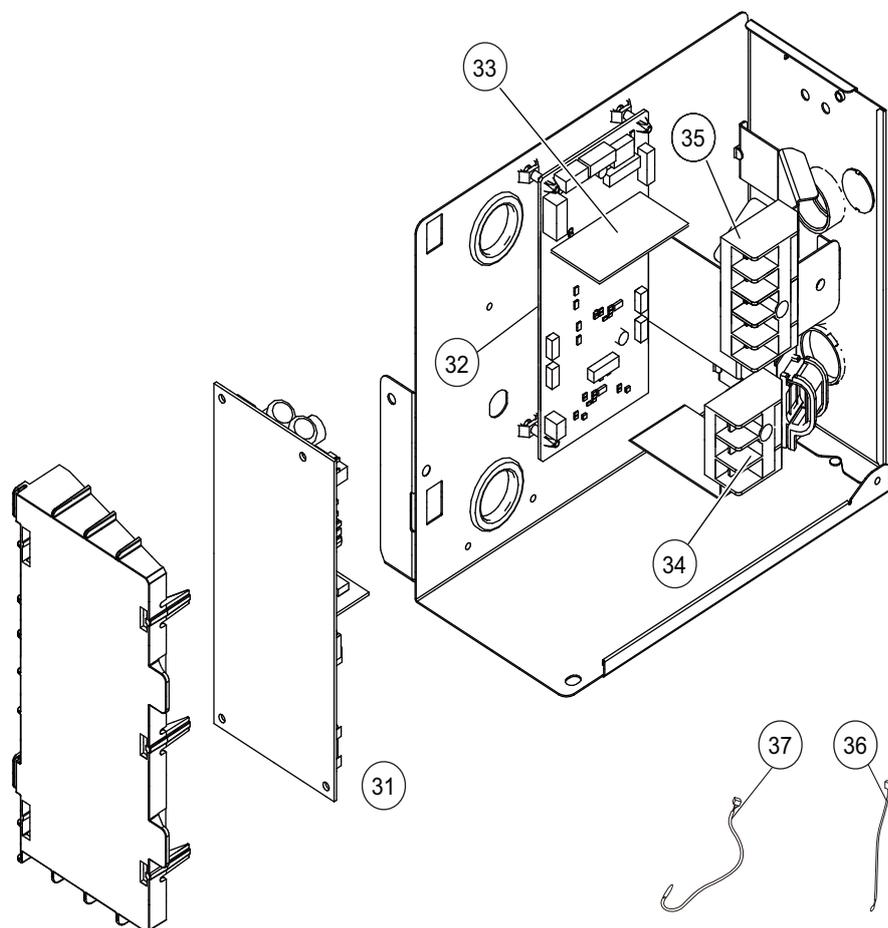
Item no.	Part no.	Part name
1	N/A	Side panel R sub assy
2	N/A	Side panel L sub assy
3	N/A	Pipe panel sub assy
4	N/A	Panel (Window) sub assy
5	N/A	Outlet frame assy
6	N/A	Front panel (2-fan)
7	N/A	Valve cover sub assy
8	9380589006	Fan guard (2-fan)
9	9379574006	Air filter
10	N/A	Main panel (2-fan)
11	N/A	Cabinet panel (2-fan)
12	9379901161	Drain pan sub assy
13	9380682509	Evaporator total assy (For 07 model)
	9380682486	Evaporator total assy (For 09, 12, 14 model)
14	9358746004	Drain cap
—	9304381235	Rubber sheet

N/A: Not available



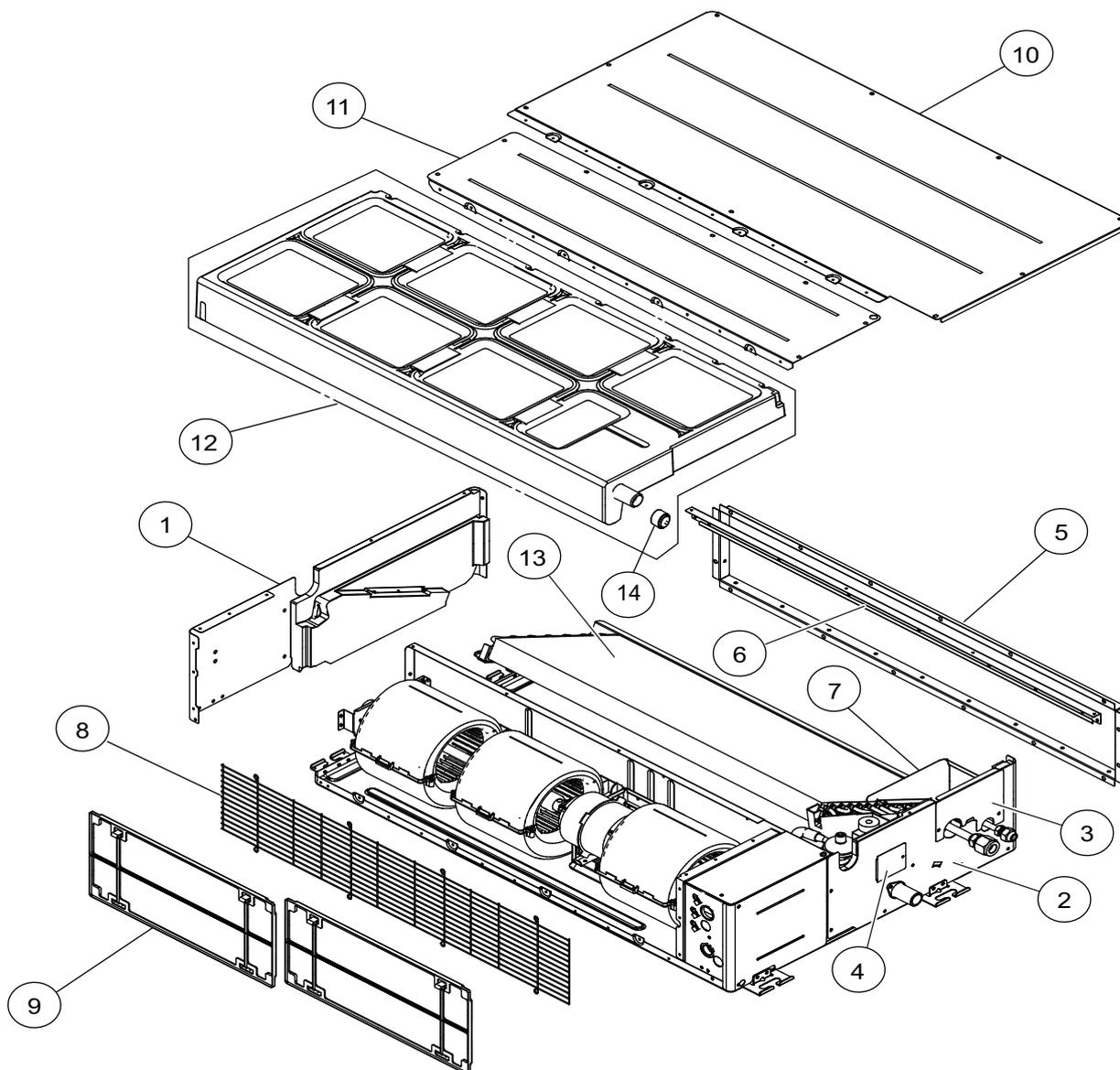
Item no.	Part no.	Part name
21	N/A	Top panel sub assy
22	9379570015	Sirocco fan assy
23	9379644006	Rubber (Vibration proof)
24	9379572019	Casing B
25	9379571012	Casing U
26	9603734008	DC fan motor (For 07 model)
	9603735005	DC fan motor (For 09, 12, 14 model)
27	9378450097	Hose sub assy
28	9379914062	Drain pump sub assy
29	9378593039	Float switch sub assy
30	9379913003	Drain hose assy

N/A: Not available



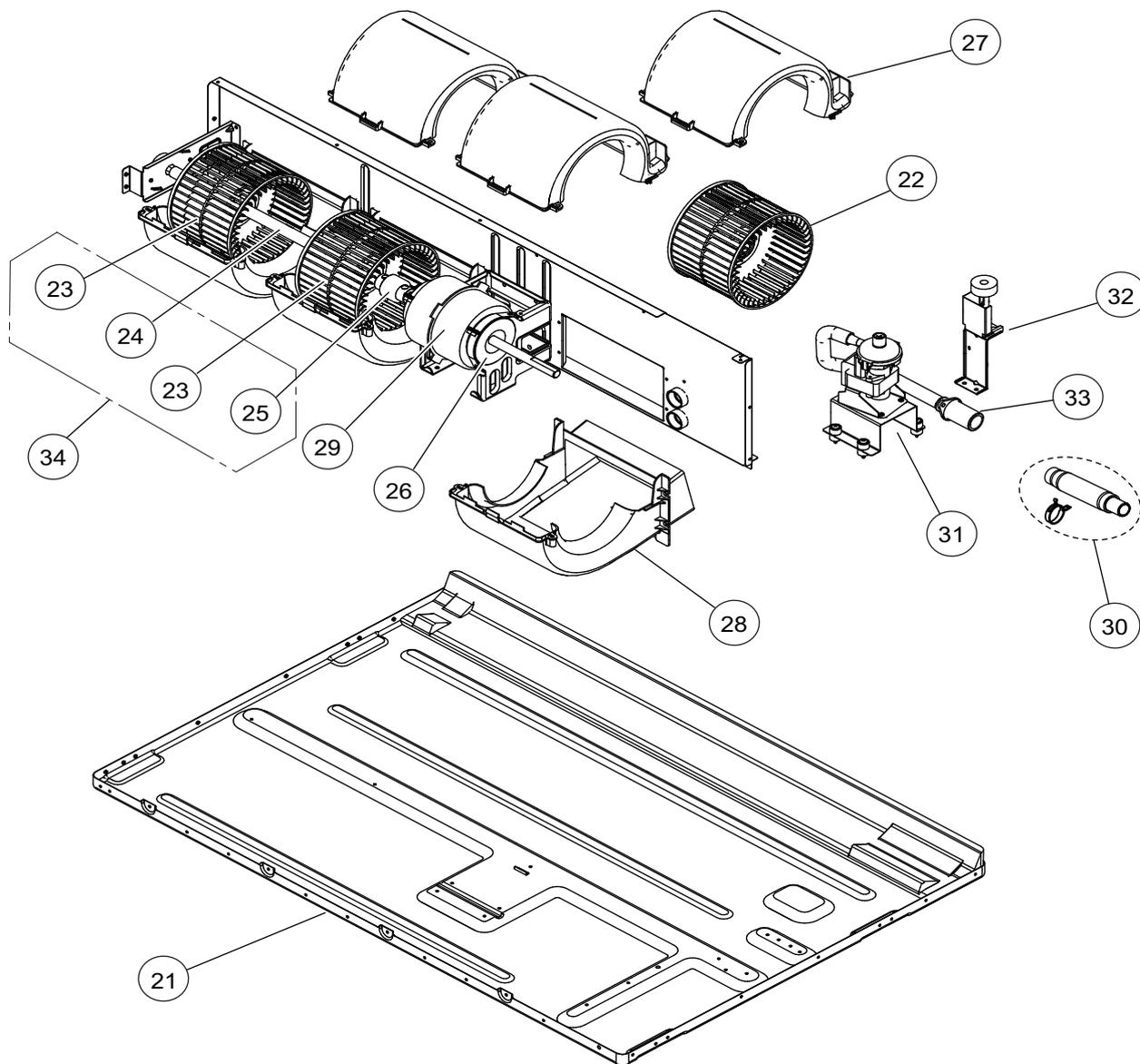
Item no.	Part no.	Part name
31	9710661006	Power supply PCB
32	9710624582	Main PCB (For 07 model)
	9710624520	Main PCB (For 09 model)
	9710624537	Main PCB (For 12 model)
	9710624469	Main PCB (For 14 model)
33	9710019005	2-way remote PCB
34	9900568009	Terminal block 3P
35	9900896003	Terminal block 3P (For wired remote controller)
36	9900653019	Thermistor (Room temp.)
37	9900349035	Thermistor (Pipe temp.)
—	9710177057	Wire with connector (CN46—External input)
—	9710173066	Wire with connector (CN300—Remote terminal)
—	9710703010	Wire with connector (CN205—Power)
—	9710171055	Wire with connector (CN262—CN260)
—	9710206047	Wire with connector (CN263—CN261)

Model: ARXG18KLLAP



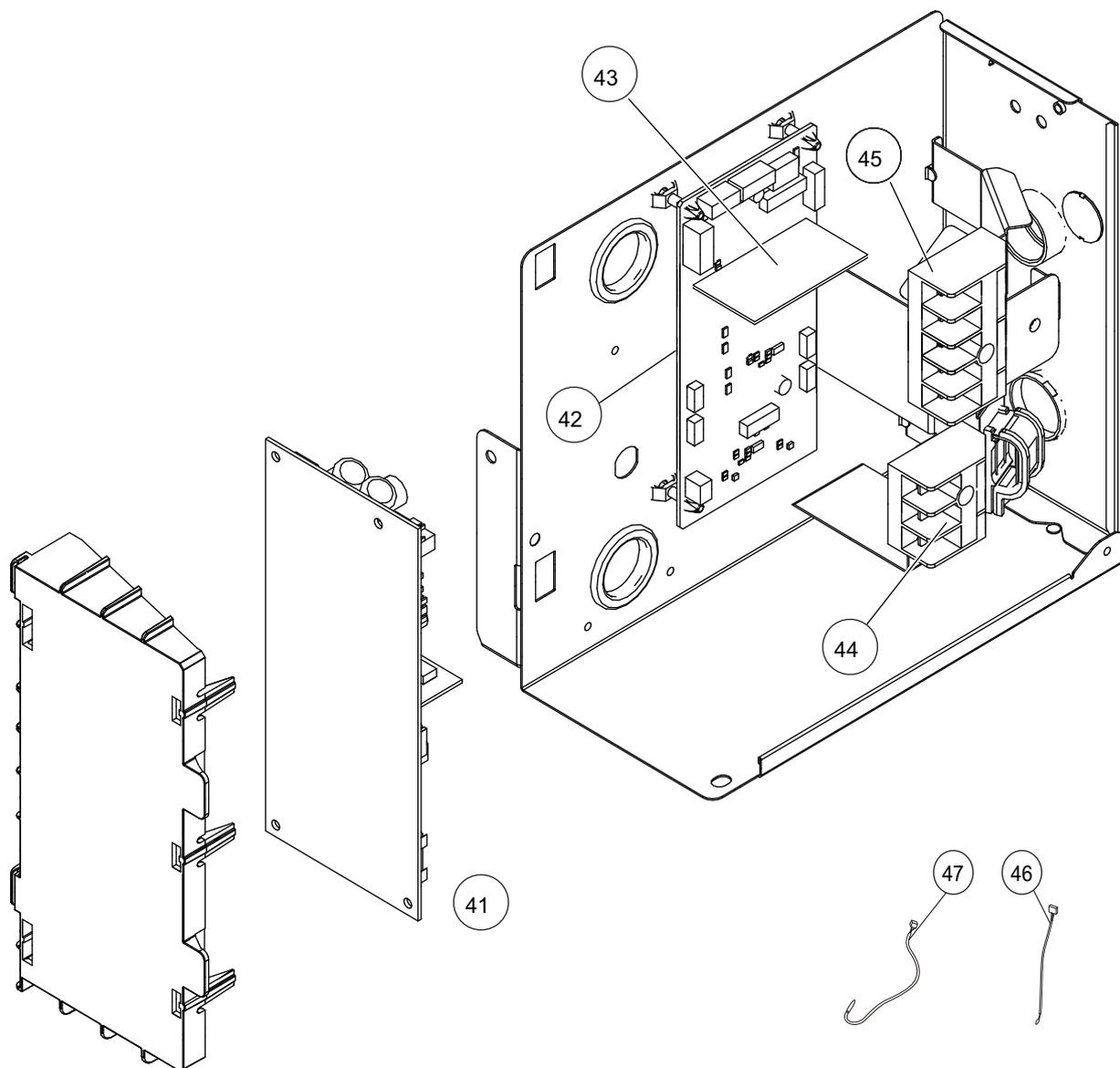
Item no.	Part no.	Part name
1	N/A	Side panel R sub assy
2	N/A	Side panel L sub assy
3	N/A	Pipe panel sub assy
4	N/A	Panel (Window) sub assy
5	N/A	Outlet frame assy
6	N/A	Front panel (3-fan)
7	N/A	Valve cover sub assy
8	9380590002	Fan guard (3-fan)
9	9379575003	Air filter
10	N/A	Main panel (3-fan)
11	N/A	Cabinet panel (3-fan)
12	9379901178	Drain pan sub assy
13	9380682493	Evaporator total assy
14	9358746004	Drain cap
—	9304381235	Rubber sheet

N/A: Not available



Item no.	Part no.	Part name
21	N/A	Top panel sub assy
22	9379570022	Sirocco fan assy
23	N/A	Sirocco fan assy
24	N/A	Shaft assy
25	N/A	Joint assy
26	9379644006	Rubber (Vibration proof)
27	9379572019	Casing B
28	9379571012	Casing U
29	9603736002	DC fan motor
30	9378450097	Hose sub assy
31	9379914062	Drain pump sub assy
32	9378593039	Float switch sub assy
33	9379913003	Drain hose assy
34	9379971065	Sirocco fan sub assy

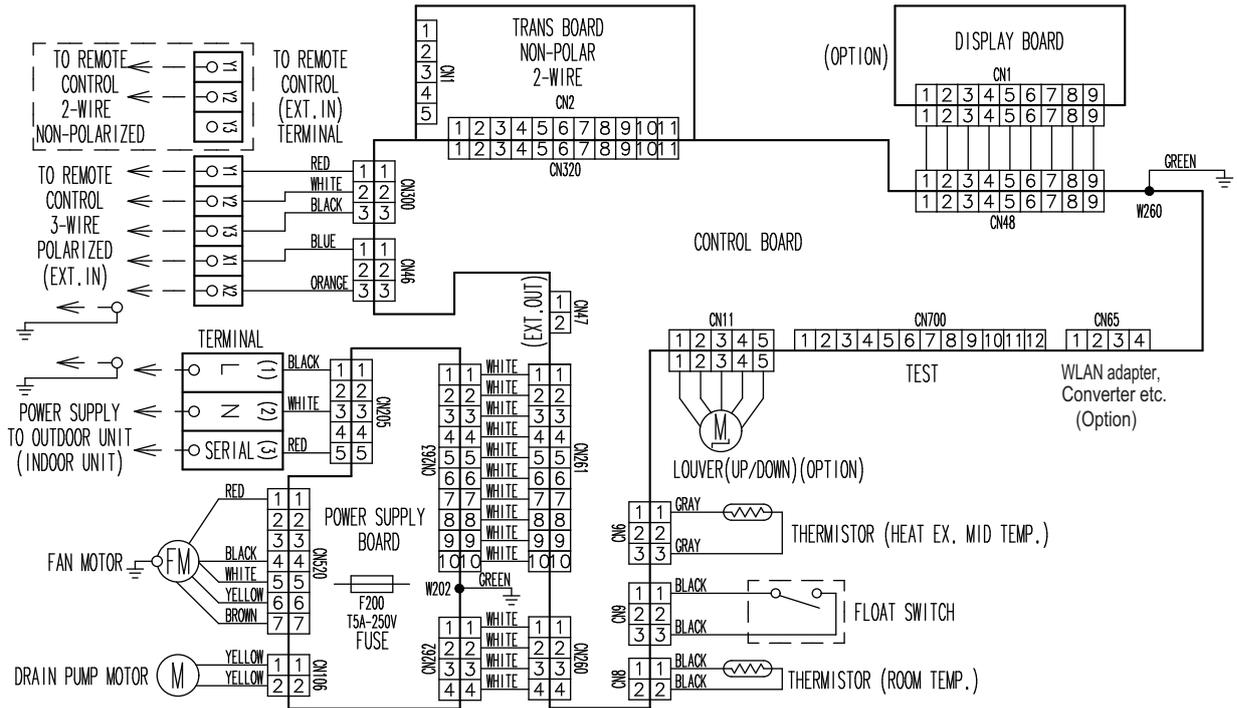
N/A: Not available



Item no.	Part no.	Part name
41	9710661006	Power supply PCB
42	9710624452	Main PCB
43	9710019005	2-way remote PCB
44	9900568009	Terminal block 3P
45	9900896003	Terminal block 3P (For wired remote controller)
46	9900653019	Thermistor (Room temp.)
47	9900349035	Thermistor (Pipe temp.)
—	9710177057	Wire with connector (CN46—External input)
—	9710173066	Wire with connector (CN300—Remote terminal)
—	9710703010	Wire with connector (CN205—Power)
—	9710171055	Wire with connector (CN262—CN260)
—	9710206047	Wire with connector (CN263—CN261)

8-2. Mini duct type and Slim duct type

Models: ARXG07-18KSLAP and ARXG07-18KLLAP



TECHNICAL DATA
AND PARTS LIST

TECHNICAL DATA
AND PARTS LIST