

1 Summary and features



Model	Remarks
GJH07AB-K3MNB8A、GJH09AB-K3MNB8A、 GJH12AD-K3MNB8A GJH18AC-K3MNB8A、GJH24AC-K3MNB8A	1Ph 220~240V 50Hz R410A



Model	Remarks
GJC07AB-K3RNB9A、GJH07AB-K3RNB9A、GJC09AB-K3RNB9A、 GJH09AB-K3RNB9A、GJC12AD-K3RNB9A、GJH12AD-K3RNB9A、 GJC18AC-K3RNB9A、GJH18AC-K3RNB9A、GJC24AC-K3RNB9A、 GJH24AC-K3RNB9A	1Ph 220~240V 50Hz R410A

2 Technical specifications

Model		GJC07AB-K3RNB9A	GJH07AB-K3RNB9A	
Function		COOLING	COOLING	HEATING
Rated Voltage		220~240V	220~240V	
Rated Frequency		50Hz	50Hz	
Total Capacity (W/Btu/h)		2250W	2100W	1900(W)/
Power Input (W)		750W	700	610W
Rated Input (W)		990W	990W	770W
Rated Current (A)		4.78	5	4
Air Flow Volume (m ³ /h) (H/ML)		480	500	
Dehumidifying Volume (l/h)		0.8	0.8	
EER / C.O.P (W/W)		3	3.0/3.1	
Energy Class		/	/	
Indoor Side	Fan Type-Piece	Cross flow fan – 1	Cross flow fan – 1	
	Diameter-Length (mm)	φ205.5 X 111	φ205.5 X 111	
	Evaporator	Aluminum fin-copper tube	Aluminum fin-copper tube	
	Pipe Diameter (mm)	φ7	φ7	
	Row-Fin Gap	3-1.3	3-1.3	
	Coil length (l) x height (H) x coil width (L)	330X323.9X38.1	330X323.9X38.1	
	Swing Motor Model	MP24VA	MP24VA	
	Output of Swing Motor (W)	2.5	2.5	
	Fuse (A)	/	/	
	Sound Pressure Level dB (A) (H/ML)	49/47/45	49/47/45	
	Sound Power Level dB (A) (H/ML)	59/57/55	59/57/55	

Outdoor Side	Compressor Manufacturer/trademark	Xi'an Qin'an	MATSUSHITA-WANBAO(GUANGZHOU)
	Compressor Model	YZG-A082Y2	5RS080EAB21
	Compressor Type	Rotary	Rotary
	L.R.A. (A)	3.35	3.05
	Compressor RLA(A)	17	11.3
	Compressor Power Input(W)	705	665
	Overload Protector	outerior overload protection	outerior overload protection
	Throttling Method	Capillary	Capillary
	Starting Method	Capacitor	Capacitor
	Working Temp Range (°C)	15~45	-7~45
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7	φ7
	Rows-Fin Gap(mm)	2-1.3	3-1.4
	Coil length (l) x height (H) x coil width (L)	472X358X25.4	472X358X38.1
	Fan Type-Piece	Axial fan –1	Axial fan –1
	Fan Diameter (mm)	φ353	φ353
	Sound Pressure Level dB (A) (H/ML)	56/64/52	56/64/52
	Sound Power Level dB (A) (H/ML)	66/64/62	66/64/62
	Defrosting Method	/	/
Fan Motor Speed (rpm) (H/ML)		920/820/720	920/820/720
Output of Fan Motor (W)		88	88
Fan Motor RLA(A)		0.4	0.4
Fan Motor Capacitor (uF)		5	5
Climate Type		T1	T1
Isolation		I	I
Moisture Protection		IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side(MPa)		3	3
Permissible Excessive Operating Pressure for the Suction Side(MPa)		1	1
Dimension (W/H/D)(mm)		618/560/375	618/560/375
Dimension of Package (L/W/H)(mm)		684/618/420	687/621/435
Net Weight /Gross Weight (kg)		41/45	43/47
Refrigerant Charge (kg)		R410A: 0.55	R410A: 0.77
The above data are subject to change without notice. Please refer to the nameplate of the unit.			

Model		GJH07AB-K3MNB8A		GJH09AB-K3MNB8A
Function		COOLING	HEATING	COOLINGHEATING
Rated Voltage		220~240V		220~240V
Rated Frequency		50Hz		50Hz
Total Capacity (W/Btu/h)		2100(W)	1900(W)/	2700W)2400(W)
Power Input (W)		700W	610W	900W800W
Rated Input (W)		990W	770W	1160W1000W
Rated Current (A)		5	4	5.64.83
Air Flow Volume (m³/h) (H/ML)		500		500
Dehumidifying Volume (l/h)		0.8		0.8
EER / C.O.P (W/W)		3.0/3.1		3.0/3.0
Energy Class		/		/
Indoor Side	Fan Type-Piece	Cross flow fan – 1		Cross flow fan – 1
	Diameter-Length (mm)	φ205.5 X 111		φ205.5 X 111
	Evaporator	Aluminum fin-copper tube		Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7		φ7
	Row-Fin Gap	3-1.3		3-1.3
	Coil length (l) x height (H) x coil width (L)	330X323.9X38.1		330X323.9X38.1
	Swing Motor Model	SM021		SM021
	Output of Swing Motor (W)	2.5		2.5
	Fuse (A)	/		/
	Sound Pressure Level dB (A) (H/ML)	49/47/45		49/47/45
	Sound Power Level dB (A) (H/ML)	59/57/55		59/57/55

Outdoor Side	Compressor Manufacturer/trademark	MATSUSHITA- WANBAO(GUANGZHOU) COMPRESSOR CO.,LTD	MATSUSHITA- WANBAO(GUANGZHOU) COMPRESSOR CO.,LTD
	Compressor Model	5RS080EAB21	5PS102EAA22
	Compressor Type	Rotary	Rotary
	L.R.A. (A)	3.05	3.85
	Compressor RLA(A)	11.3	20.9
	Compressor Power Input(W)	665	850
	Overload Protector	outerior overload protection	outerior overload protection
	Throttling Method	Capillary	Capillary
	Starting Method	Capacitor	Capacitor
	Working Temp Range (°C)	-7~45	-7~45
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7	φ7
	Rows-Fin Gap(mm)	3-1.4	3-1.4
	Coil length (l) x height (H) x coil width (L)	472X358X38.1	472X358X38.1
	Fan Type-Piece	Axial fan –1	Axial fan –1
	Fan Diameter (mm)	φ353	φ353
	Sound Pressure Level dB (A) (H/M/L)	56/64/52	56/64/52
	Sound Power Level dB (A) (H/M/L)	66/64/62	66/64/62
	Defrosting Method	/	/
Fan Motor Speed (rpm) (H/M/L)		920/820/720	920/820/720
Output of Fan Motor (W)		88	88
Fan Motor RLA(A)		0.4	0.4
Fan Motor Capacitor (uF)		5	5
Climate Type		T1	T1
Isolation		I	I
Moisture Protection		IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side(MPa)		3	3
Permissible Excessive Operating Pressure for the Suction Side(MPa)		1	1
Dimension (W/H/D)(mm)		618/560/375	618/560/375
Dimension of Package (L/W/H)(mm)		687/621/435	687/621/435
Net Weight /Gross Weight (kg)		43/47	43/47
Refrigerant Charge (kg)		R410A: 0.77	R410A: 0.78
The above data are subject to change without notice. Please refer to the nameplate of the unit.			

Model		GJC09AB-K3RNB9A	GJH09AB-K3RNB9A
Function		COOLING	COOLING HEATING
Rated Voltage		220~240V	220~240V
Rated Frequency		50Hz	50Hz
Total Capacity (W/Btu/h)		2700(W)	2700(W) 2400(W)
Power Input (W)		900W	900W 800W
Rated Input (W)		1150W	1160W 1000W
Rated Current (A)		5.56	5.04 4.34
Air Flow Volume (m ³ /h) (H/ML)		480	500
Dehumidifying Volume (l/h)		0.8	0.8
EER / C.O.P (W/W)		3	3.0/3.0
Energy Class		/	/
Indoor Side	Fan Type-Piece	Cross flow fan – 1	Cross flow fan – 1
	Diameter-Length (mm)	φ205.5 X 111	φ205.5 X 111
	Evaporator	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7	φ7
	Row-Fin Gap	3-1.3	3-1.3
	Coil length (l) x height (H) x coil width (L)	330X323.9X38.1	330X323.9X38.1
	Swing Motor Model	MP24VA	MP24VA
	Output of Swing Motor (W)	2.5	2.5
	Fuse (A)	/	/
	Sound Pressure Level dB (A) (H/ML)	49/47/45	49/47/45
	Sound Power Level dB (A) (H/ML)	59/57/55	59/57/55

Outdoor Side	Compressor Manufacturer/trademark	MATSUSHITA-WANBAO(GUANGZHOU) COMPRESSOR CO.,LTD	MATSUSHITA-WANBAO(GUANGZHOU) COMPRESSOR CO.,LTD
	Compressor Model	5PS102EAA22	5PS102EAA22
	Compressor Type	Rotary	Rotary
	L.R.A (A)	3.85	3.85
	Compressor RLA(A)	20.9	20.9
	Compressor Power Input(W)	850	850
	Overload Protector	outerior overload protection	outerior overload protection
	Throttling Method	Capillary	Capillary
	Starting Method	Capacitor	Capacitor
	Working Temp Range (°C)	15~45	-7~45
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7	φ7
	Rows-Fin Gap(mm)	2-1.3	3-1.4
	Coil length (l) x height (H) x coil width (L)	472X358X25.4	472X358X38.1
	Fan Type-Piece	Axial fan –1	Axial fan –1
	Fan Diameter (mm)	φ353	φ353
	Sound Pressure Level dB (A) (H/ML)	56/64/52	56/64/52
	Sound Power Level dB (A) (H/ML)	66/64/62	66/64/62
	Defrosting Method	/	/
Fan Motor Speed (rpm) (H/ML)		920/820/720	920/820/720
Output of Fan Motor (W)		88	88
Fan Motor RLA(A)		0.4	0.4
Fan Motor Capacitor (uF)		5	5
Climate Type		T1	T1
Isolation		I	I
Moisture Protection		IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side(MPa)		3	3
Permissible Excessive Operating Pressure for the Suction Side(MPa)		1	1
Dimension (W/H/D)(mm)		618/560/375	618/560/375
Dimension of Package (L/W/H)(mm)		684/618/420	687/621/435
Net Weight /Gross Weight (kg)		41/45	43/47
Refrigerant Charge (kg)		R410A: 0.63	R410A: 0.78
The above data are subject to change without notice. Please refer to the nameplate of the unit.			

Model		GJC12AD-K3RNB9A	GJH12AD-K3RNB9A
Function		COOLING	COOLING HEATING
Rated Voltage		220~240V	220~240V
Rated Frequency		50Hz	50Hz
Total Capacity (W/Btu/h)		3700	3700 3200
Power Input (W)		1230	1230 1060
Rated Input (W)		1600	1800 1550
Rated Current (A)		8	9.1 7.8
Air Flow Volume (m ³ /h) (H/ML)		730	730
Dehumidifying Volume (l/h)		1.6	1.6
EER / C.O.P (W/W)		3.01	3.0/3.0
Energy Class		/	/
Indoor Side	Fan Type-Piece	Cross flow fan – 1	Cross flow fan – 1
	Diameter-Length (mm)	φ201.5X109.5	φ201.5X109.5
	Evaporator	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7	φ7
	Row-Fin Gap	2-1.3	2-1.3
	Coil length (l) x height (H) x coil width (L)	392X381X25.4	392X381X25.4
	Swing Motor Model	MP28ED	SM020B
	Output of Swing Motor (W)	4	4
	Fuse (A)	0.02	0.02
	Sound Pressure Level dB (A) (H/ML)	50/48/46	50/48/46
	Sound Power Level dB (A) (H/ML)	60/58/56	60/58/56

The above data are subject to change without notice. Please refer to the nameplate of the unit.

Outdoor Side	Compressor Manufacturer/trademark	CHINA RESOURCES(SHENYANG) SANYO COMPRESSOR CO., LTD.	CHINA RESOURCES(SHENYANG) SANYO COMPRESSOR CO., LTD.
	Compressor Model	C-ARV146H1AA	C-ARV146H1AA
	Compressor Type	Rotary	Rotary
	L.R.A (A)	5.2	5.2
	Compressor RLA(A)	28	28
	Compressor Power Input(W)	1195	1195
	Overload Protector	outerior overload protection	outerior overload protection
	Throttling Method	Capillary	Capillary
	Starting Method	Capacitor	Capacitor
	Working Temp Range (°C)	15~45	-7~45
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7	φ7
	Rows-Fin Gap(mm)	2-1.3	2-1.3
	Coil length (l) x height (H) x coil width (L)	713X400X25.4	713X400X25.4
	Fan Type-Piece	Axial fan –1	Axial fan –1
	Fan Diameter (mm)	φ396	φ396
	Sound Pressure Level dB (A) (H/ML)	58/56/54	58/56/54
	Sound Power Level dB (A) (H/ML)	68/66/64	68/66/64
	Defrosting Method	/	/
Fan Motor Speed (rpm) (H/ML)		840/780/730	840/780/730
Output of Fan Motor (W)		100	100
Fan Motor RLA(A)		0.45	0.45
Fan Motor Capacitor (uF)		6	6
Climate Type		T1	T1
Isolation		I	I
Moisture Protection		IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side(MPa)		3	3
Permissible Excessive Operating Pressure for the Suction Side(MPa)		1	1
Dimension (W/H/D)(mm)		660/700/428	660/700/428
Dimension of Package (L/W/H)(mm)		736/790/500	736/790/500
Net Weight /Gross Weight (kg)		54/58	54/58
Refrigerant Charge (kg)		R410A: 0.77	R410A: 0.81

The above data are subject to change without notice. Please refer to the nameplate of the unit.

Model		GJC18AC-K3RNB9A		GJH18AC-K3RNB9A	
Function		COOLING		COOLING	HEATING
Rated Voltage		230V		230V	
Rated Frequency		50Hz		50Hz	
Total Capacity (W/Btu/h)		5300W)		5300W)	4800 (W)
Power Input (W)		1760		1760	1590
Rated Input (W)		2300		2300	2200
Rated Current (A)		11.1		11.1	10.6
Air Flow Volume (m³/h) (H/ML)		850		850	
Dehumidifying Volume (l/h)		2.2		2.2	
EER / C.O.P (W/W)		3.01		3.01/3.01	
Energy Class		/		/	
Indoor Side	Fan Type-Piece	Cross flow fan – 1		Cross flow fan – 1	
	Diameter-Length (mm)	φ201.5 X 109.5		φ201.5 X 109.5	
	Evaporator	Aluminum fin-copper tube		Aluminum fin-copper tube	
	Pipe Diameter (mm)	Φ7		Φ7	
	Row-Fin Gap	2-1.3		4-1.6	
	Coil length (l) x height (H) x coil width (L)	422X381X25.4		422X381X50.8	
	Swing Motor Model	MP28ED		MP28ED	
	Output of Swing Motor (W)	4		4	
	Fuse (A)	0.02		0.02	
	Sound Pressure Level dB (A) (H/ML)	57/55/53		57/55/53	
	Sound Power Level dB (A) (H/ML)	67/65/63		67/65/63	

Outdoor Side	Compressor Manufacturer/trademark	Shanghai Hitachi Electrical Appliances Co., Ltd	Shanghai Hitachi Electrical Appliances Co., Ltd
	Compressor Model	ASH201SV-C8LU	ASH201SV-C8LU
	Compressor Type	Rotary	Rotary
	L.R.A (A)	7.7	7.7
	Compressor RLA(A)	40	40
	Compressor Power Input(W)	1660	1660
	Overload Protector	interior overload protection	interior overload protection
	Throttling Method	Capillary	Capillary
	Starting Method	Capacitor	Capacitor
	Working Temp Range (°C)	18~45	-7~45
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	Φ7	Φ7
	Rows-Fin Gap(mm)	3-1.4	3-1.4
	Coil length (l) x height (H) x coil width (L)	885X400.8X38.1	885X400.8X38.1
	Fan Type-Piece	Axial fan –1	Axial fan –1
	Fan Diameter (mm)	φ396	φ396
	Sound Pressure Level dB (A) (H/ML)	61/59/57	61/59/57
	Sound Power Level dB (A) (H/ML)	71/69/67	71/69/67
	Defrosting Method	/	/
Fan Motor Speed (rpm) (H/ML)		1030/930/830	1030/930/830
Output of Fan Motor (W)		190	190
Fan Motor RLA(A)		0.8	0.8
Fan Motor Capacitor (uF)		7	6
Climate Type		T1	T1
Isolation		I	I
Moisture Protection		IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side(MPa)		3	3
Permissible Excessive Operating Pressure for the Suction Side(MPa)		1	1
Dimension (W/H/D)(mm)		660X428X770	660X428X770
Dimension of Package (L/W/H)(mm)		736X500X860	736X500X860
Net Weight /Gross Weight (kg)		62/69	66/73
Refrigerant Charge (kg)		R410A: 1.13	R410A: 1.27
The above data are subject to change without notice. Please refer to the nameplate of the unit.			

Model		GJH24AC-K3MNB8A		GJH18AC-K3MNB8A
Function		COOLING	HEATING	COOLINGHEATING
Rated Voltage		230V		230V
Rated Frequency		50Hz		50Hz
Total Capacity (W/Btu/h)		6000	5500	53004800
Power Input (W)		1990	1830	17601590
Rated Input (W)		2500	2700	23002200
Rated Current (A)		12.1	13	11.110.6
Air Flow Volume (m³/h) (H/ML)		900		850
Dehumidifying Volume (l/h)		2.2		2.2
EER / C.O.P (W/W)		3.01/3.01		3.01/3.01
Energy Class		/		/
Indoor Side	Fan Type-Piece	Cross flow fan – 1		Cross flow fan – 1
	Diameter-Length (mm)	φ201.5 X 109.5		φ201.5 X 109.5
	Evaporator	Aluminum fin-copper tube		Aluminum fin-copper tube
	Pipe Diameter (mm)	Φ7		Φ7
	Row-Fin Gap	4-1.6		4-1.6
	Coil length (l) x height (H) x coil width (L)	422X381X50.8		422X381X50.8
	Swing Motor Model	SM020B		SM020B
	Output of Swing Motor (W)	4		4
	Fuse (A)	0.02		0.02
	Sound Pressure Level dB (A) (H/ML)	58/56/53		57/55/53
	Sound Power Level dB (A) (H/ML)	68/66/63		67/65/63

Outdoor Side	Compressor Manufacturer/trademark	Shanghai Hitachi Electrical Appliances Co., Ltd	Shanghai Hitachi Electrical Appliances Co., Ltd
	Compressor Model	ASH232SV-C8LU	ASH201SV-C8LU
	Compressor Type	Rotary	Rotary
	L.R.A. (A)	8.8	7.7
	Compressor RLA(A)	40	40
	Compressor Power Input(W)	1900	1660
	Overload Protector	interior overload protection	interior overload protection
	Throttling Method	Capillary	Capillary
	Starting Method	Capacitor	Capacitor
	Working Temp Range (°C)	-7~45	-7~45
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	Φ7	Φ7
	Rows-Fin Gap(mm)	3-1.4	3-1.4
	Coil length (l) x height (H) x coil width (L)	885X400.8X38.1	885X400.8X38.1
	Fan Type-Piece	Axial fan –1	Axial fan –1
	Fan Diameter (mm)	φ396	φ396
	Sound Pressure Level dB (A) (H/M/L)	64/62/59	61/59/57
	Sound Power Level dB (A) (H/M/L)	74/72/69	71/69/67
	Defrosting Method	/	/
	Fan Motor Speed (rpm) (H/M/L)	1140/1040/940	1030/930/830
Output of Fan Motor (W)		200	190
Fan Motor RLA(A)		0.8	0.8
Fan Motor Capacitor (uF)		6	6
Climate Type		T1	T1
Isolation		I	I
Moisture Protection		IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side(MPa)		2.7	3
Permissible Excessive Operating Pressure for the Suction Side(MPa)		0.6	1
Dimension (W/H/D)(mm)		770X660X428	660X428X770
Dimension of Package (L/W/H)(mm)		860X736X490	736X500X860
Net Weight /Gross Weight (kg)		75/82	66/73
Refrigerant Charge (kg)		R410A: 1.4	R410A: 1.27
The above data are subject to change without notice. Please refer to the nameplate of the unit.			

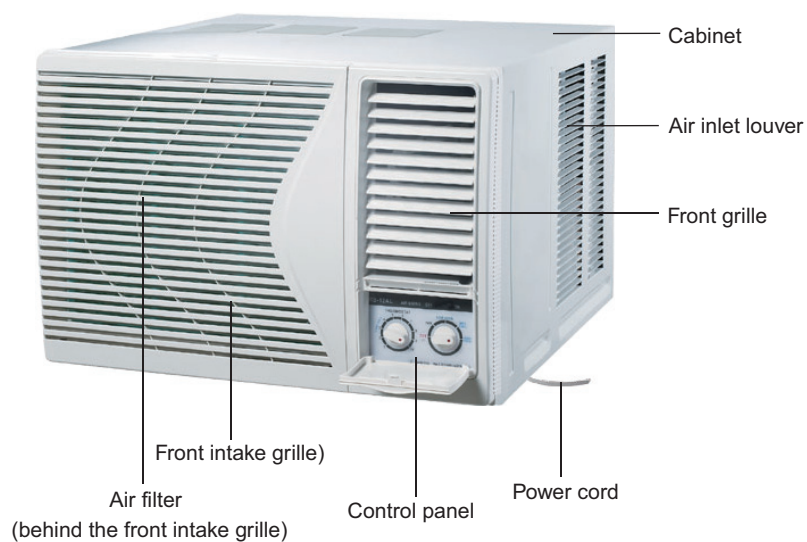
Model		GJC24AC-K3RNB9A		GJH24AC-K3RNB9A
Function		COOLING	HEATING	COOLINGHEATING
Rated Voltage		230V		230V
Rated Frequency		50Hz		50Hz
Total Capacity (W/Btu/h)		6000W)		6000(W)5500 (W)
Power Input (W)		1990		19901830
Rated Input (W)		2500		25002700
Rated Current (A)		12.1		12.113
Air Flow Volume (m³/h) (H/ML)		900		900
Dehumidifying Volume (l/h)		2.2		2.2
EER / C.O.P (W/W)		3.01		3.01/3.01
Energy Class		/		/
Indoor Side	Fan Type-Piece	Cross flow fan – 1		Cross flow fan – 1
	Diameter-Length (mm)	φ201.5 X 109.5		φ201.5 X 109.5
	Evaporator	Aluminum fin-copper tube		Aluminum fin-copper tube
	Pipe Diameter (mm)	Φ7		Φ7
	Row-Fin Gap	4-1.6		4-1.6
	Coil length (l) x height (H) x coil width (L)	422X381X50.8		422X38X50.8
	Swing Motor Model	MP28ED		MP28ED
	Output of Swing Motor (W)	4		4
	Fuse (A)	0.02		0.02
	Sound Pressure Level dB (A) (H/ML)	58/56/53		58/56/53
	Sound Power Level dB (A) (H/ML)	68/66/63		68/66/63

Outdoor Side	Compressor Manufacturer/trademark	Shanghai Hitachi Electrical Appliances Co., Ltd	Shanghai Hitachi Electrical Appliances Co., Ltd
	Compressor Model	ASH232SV-C8LU	ASH232SV-C8LU
	Compressor Type	Rotary	Rotary
	L.R.A (A)	8.8	8.8
	Compressor RLA(A)	40	40
	Compressor Power Input(W)	1900	1900
	Overload Protector	interior overload protection	interior overload protection
	Throttling Method	Capillary	Capillary
	Starting Method	Capacitor	Capacitor
	Working Temp Range (°C)	18~45	-7~45
	Condenser	Aluminum fin-copper tube	Aluminum fin-copper tube
	Pipe Diameter (mm)	Φ7	Φ7
	Rows-Fin Gap(mm)	3-1.4	3-1.4
	Coil length (l) x height (H) x coil width (L)	885×400.8×38.1	885×400.8×38.1
	Fan Type-Piece	Axial fan –1	Axial fan –1
	Fan Diameter (mm)	φ396	φ396
	Sound Pressure Level dB (A) (H/ML)	64/62/59	64/62/59
	Sound Power Level dB (A) (H/ML)	74/72/69	74/72/69
	Defrosting Method	/	/
Fan Motor Speed (rpm) (H/ML)		1140/1040/940	1140/1040/940
Output of Fan Motor (W)		200	200
Fan Motor RLA(A)		0.8	0.8
Fan Motor Capacitor (uF)		6	6
Climate Type		T1	T1
Isolation		I	I
Moisture Protection		IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side(MPa)		2.7	2.7
Permissible Excessive Operating Pressure for the Suction Side(MPa)		0.6	0.6
Dimension (W/H/D)(mm)		770X660X428	770X660X428
Dimension of Package (L/W/H)(mm)		860X736X490	860X736X490
Net Weight /Gross Weight (kg)		72/79	75/82
Refrigerant Charge (kg)		R410A: 1.25	R410A: 1.4
The above data are subject to change without notice. Please refer to the nameplate of the unit.			

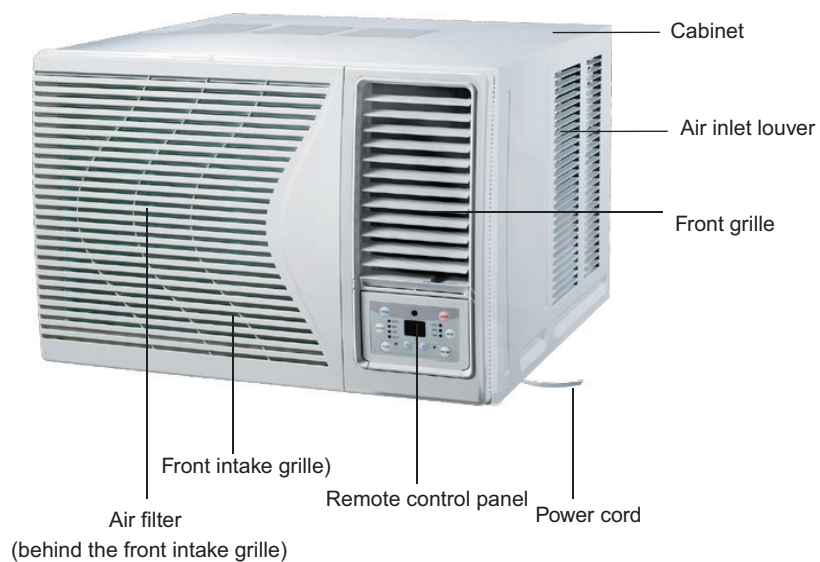
Model	GJH12AD-K3MNB8A	
Function	COOLING	HEATING
Rated Voltage	220~240V	
Rated Frequency	50Hz	
Total Capacity (W/Btu/h)	3700	3200
Power Input (W)	1230	1060
Rated Input (W)	1800	1550
Rated Current (A)	9.1	7.8
Air Flow Volume (m ³ /h) (H/M/L)	730	
Dehumidifying Volume (l/h)	1.6	
EER / C.O.P (W/W)	3.0/3.0	
Energy Class	/	
Indoor Side	Fan Type-Piece	Cross flow fan – 1
	Diameter-Length (mm)	φ201.5X109.5
	Evaporator	Aluminum fin-copper tube
	Pipe Diameter (mm)	φ7
	Row-Fin Gap	2-1.3
	Coil length (l) x height (H) x coil width (L)	392X381X25.4
	Swing Motor Model	SM020B
	Output of Swing Motor (W)	4
	Fuse (A)	0.02
	Sound Pressure Level dB (A) (H/M/L)	50/48/46
	Sound Power Level dB (A) (H/M/L)	60/58/56

3 Part name

Applicable Model: GJH07AB-K3MNB8A、GJH09AB-K3MNB8A、GJH12AD-K3MNB8A、GJH18AC-K3MNB8A、GJH24AC-K3MNB8A

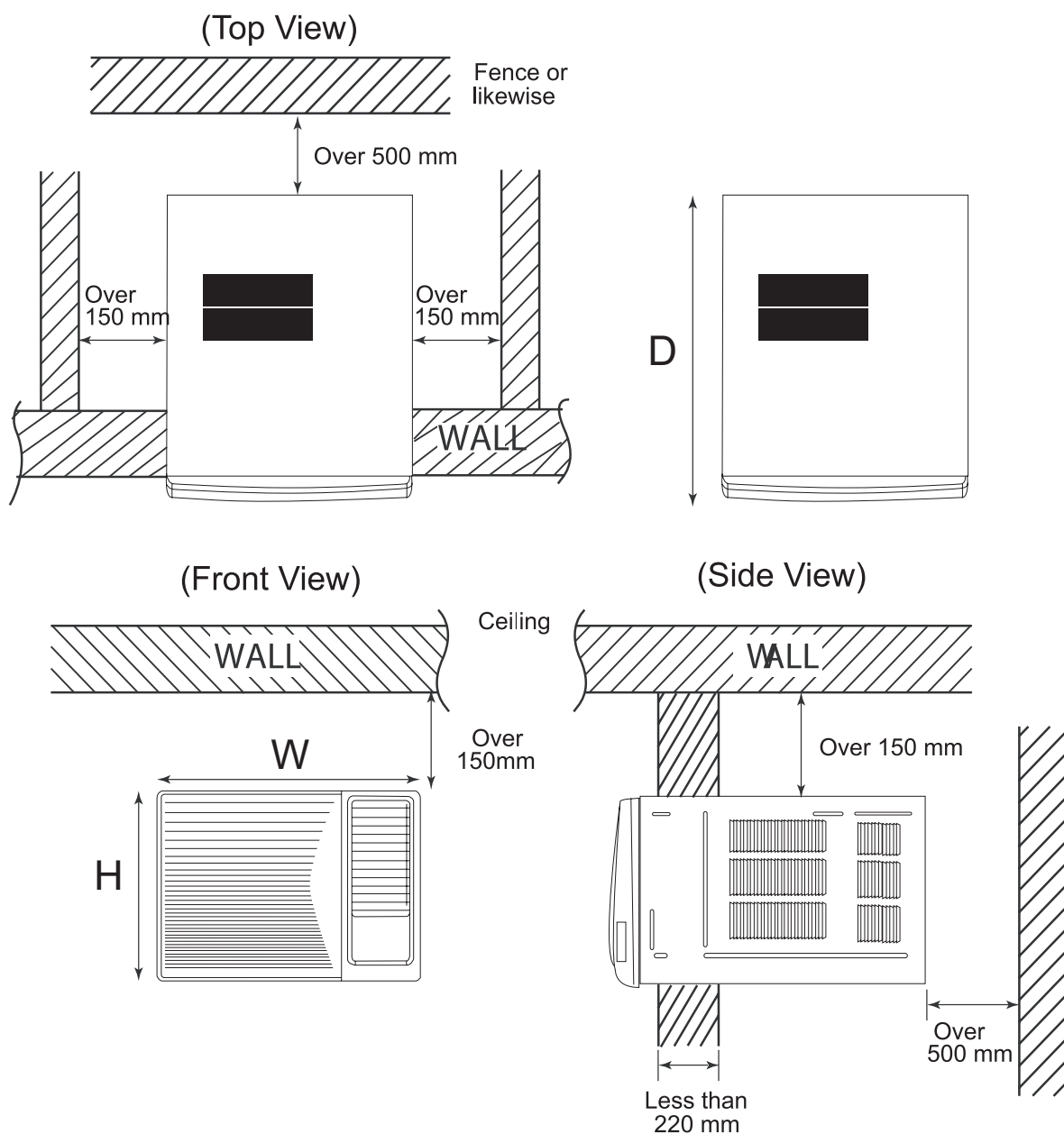


Applicable Model: GJC07AB-K3RNB9A、GJH07AB-K3RNB9A、GJC09AB-K3RNB9A、GJH09AB-K3RNB9A、GJC12AD-K3RNB9A、GJH12AD-K3RNB9A、GJC18AC-K3RNB9A、GJH18AC-K3RNB9A、GJC24AC-K3RNB9A、GJH24AC-K3RNB9A



4 Outline and installation dimension

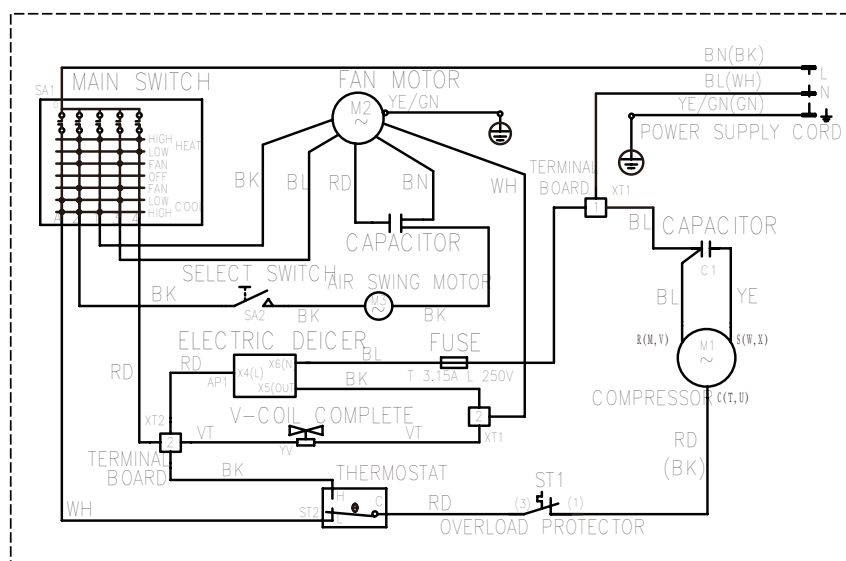
Applicable Model: GJH07AB-K3MNB8A、GJC07AB-K3RNB9A、GJH07AB-K3RNB9A、GJH09AB-K3MNB8A、GJC09AB-K3RNB9A、GJH09AB-K3RNB9A、GJH12AD-K3MNB8A、GJC12AD-K3RNB9A、GJH12AD-K3RNB9A、GJH18AC-K3MNB8A、GJC18AC-K3RNB9A、GJH18AC-K3RNB9A、GJH24AC-K3MNB8A、GJC24AC-K3RNB9A、GJH24AC-K3RNB9A



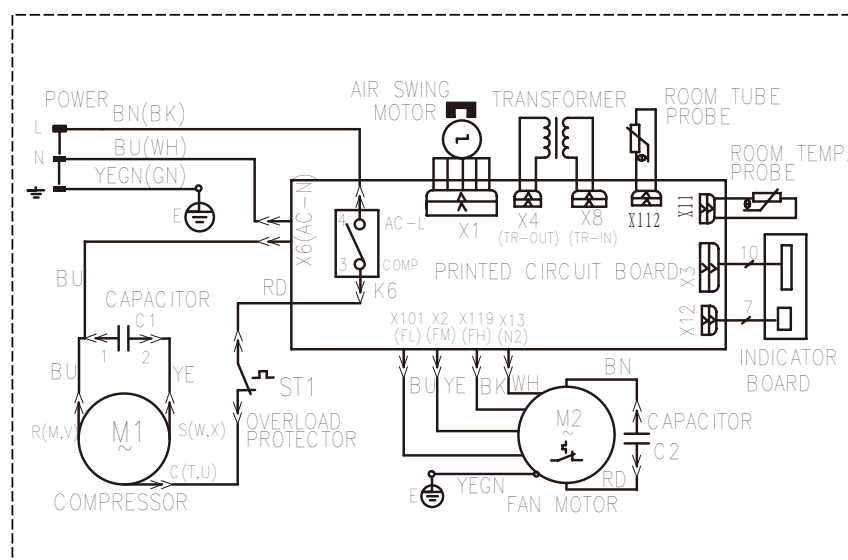
	07K	09K	12K	18K	24K
W	560	560	660	660	660
H	375	375	428	428	428
D	618	618	700	770	770

5 Electrical circuit diagram

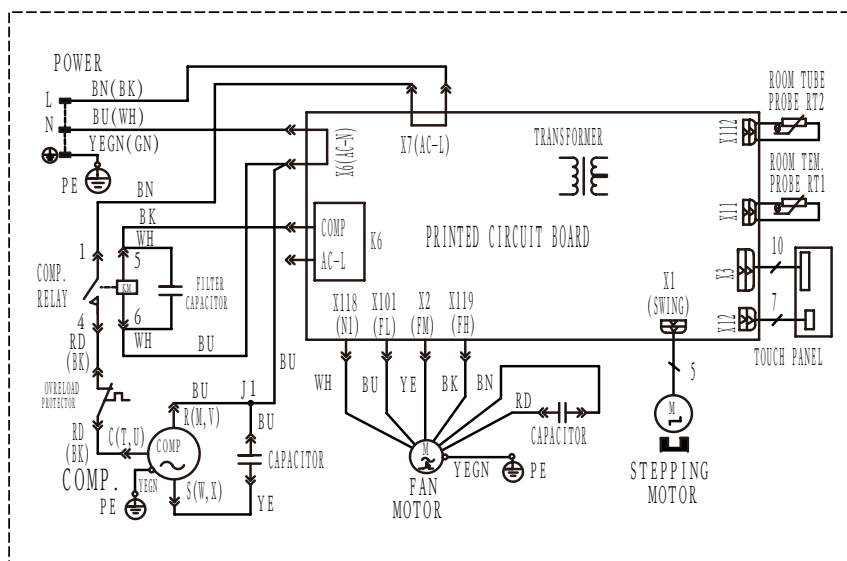
GJH07AB-K3MNB8A GJH09AB-K3MNB8A



GJC07AB-K3RNB9A GJC09AB-K3RNB9A

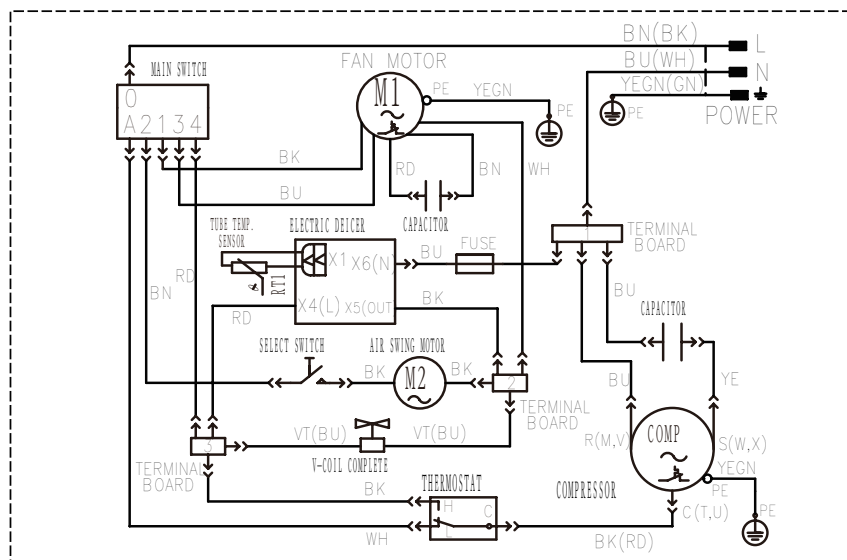


GJC12AD-K3RNB9A



GJH18AC-K3MNB8A

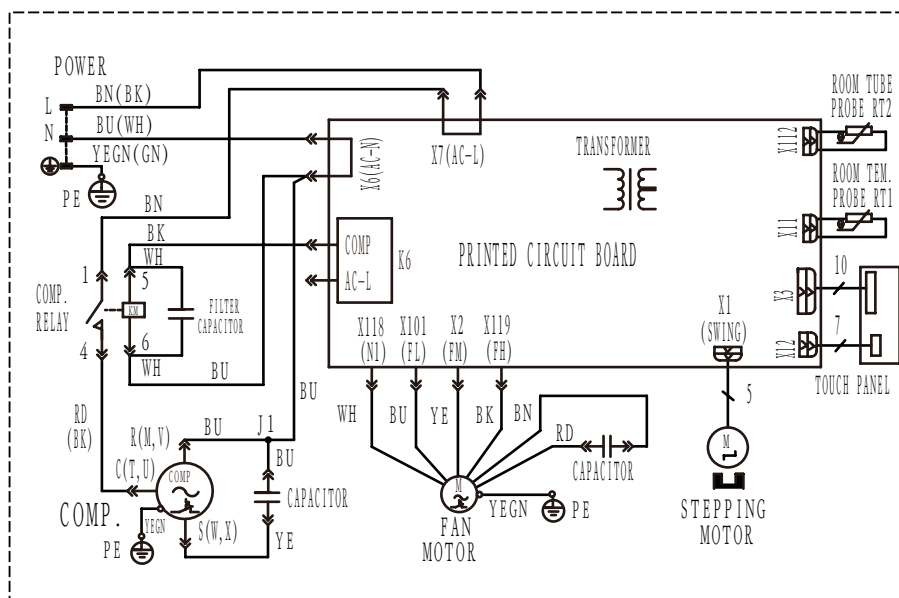
GJH24AC-K3MNB8A



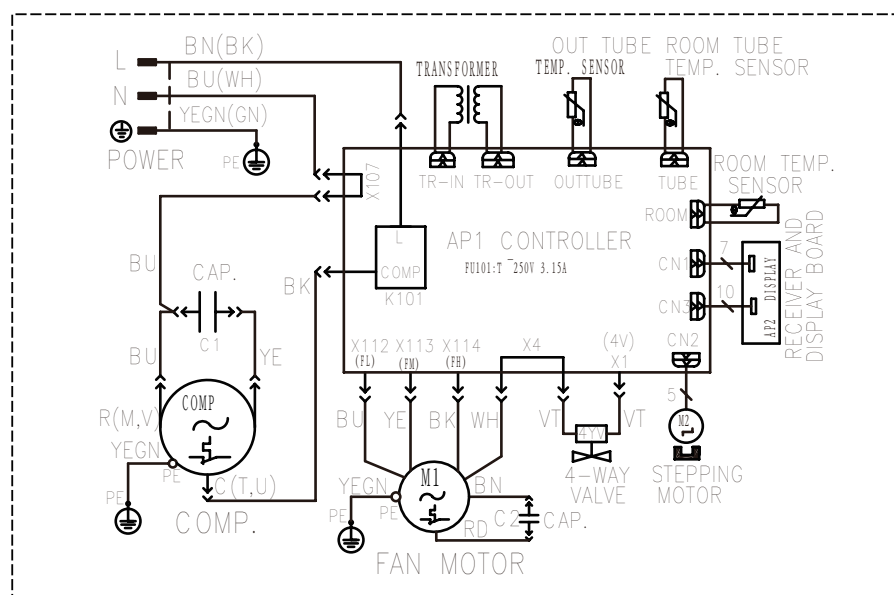
These circuit diagrams are subject to change without notice, please refer to the one supplied with the unit.

GJC18AC-K3RNB9A

GJC24AC-K3RNB9A

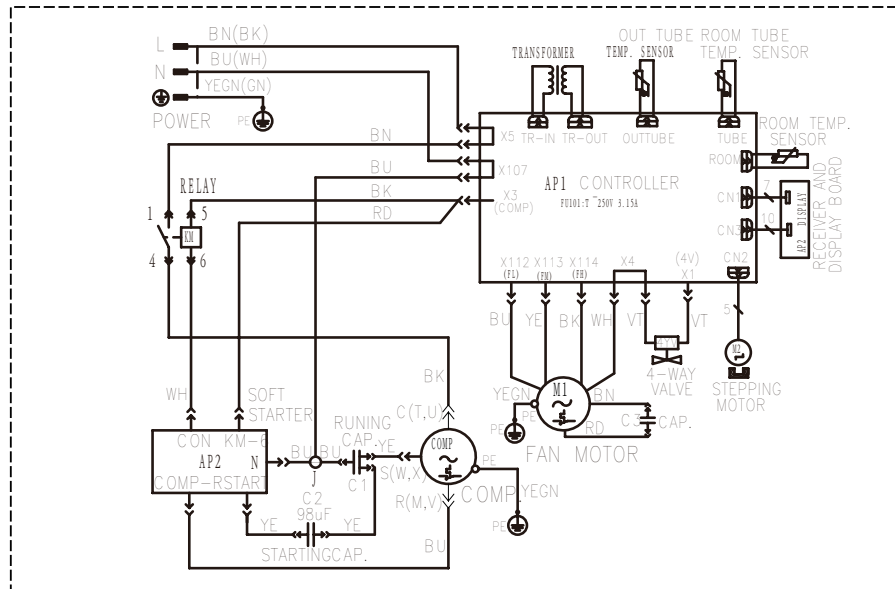


GJH18AC-K3RNB9A

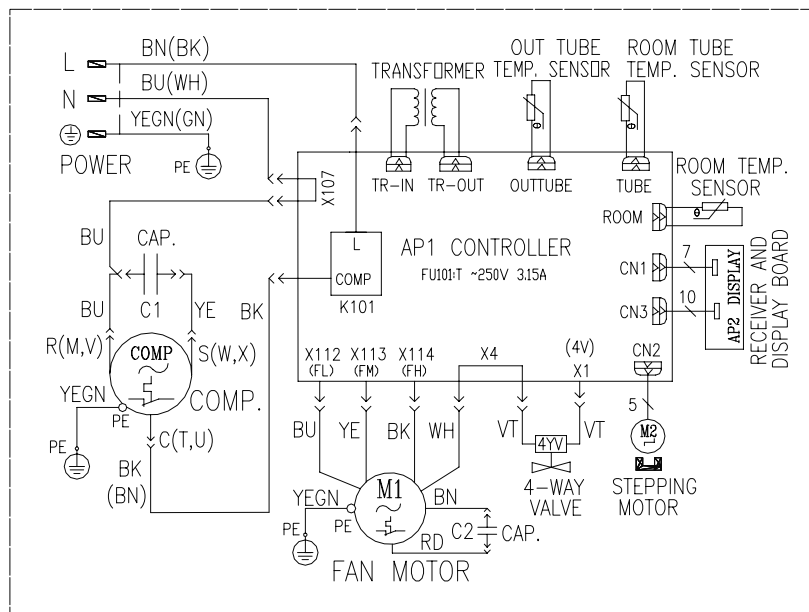


These circuit diagrams are subject to change without notice, please refer to the one supplied with the unit.

GJH24AC-K3RNB9A



GJH12AD-K3RNB9A



These circuit diagrams are subject to change without notice, please refer to the one supplied with the unit.

6.1 Controller Function Manual

6.1.1 Temperature Parameters

Indoor preset temperature (T_{preset})

Indoor ambient temperature ($T_{\text{amb.}}$)

6.1.2 Basic Functions

Once energized, the compressor shall never be restarted unless 3-min interval at least.

6.1.2.1 Cooling Mode

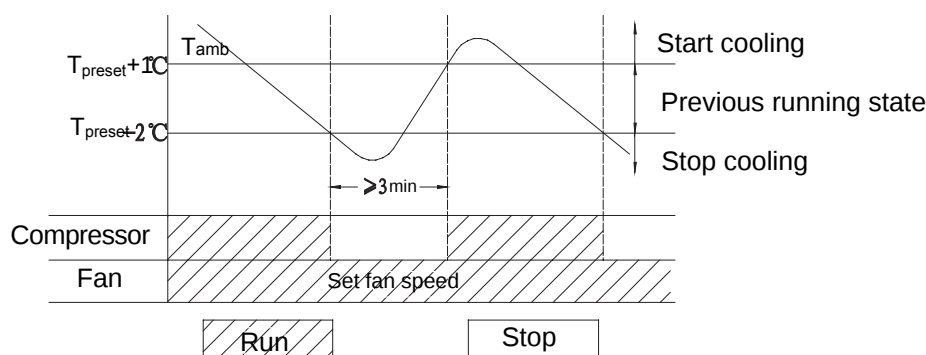
6.1.2.1.1 Working conditions and process for cooling

When $T_{\text{amb}} \geq T_{\text{preset}} + 2^\circ\text{F}$ (1°C), the unit will start working in cooling mode. Meanwhile, compressor will be turned on and the fan will run at setting fan speed.

When $T_{\text{amb}} \leq T_{\text{preset}} - 2^\circ\text{F}$ (1°C), compressor will stop running, while indoor fan will run at setting fan speed.

When $T_{\text{preset}} - 2^\circ\text{F}$ (1°C) $< T_{\text{amb}} < T_{\text{preset}} + 2^\circ\text{F}$ (1°C), the unit will keep previous running status.

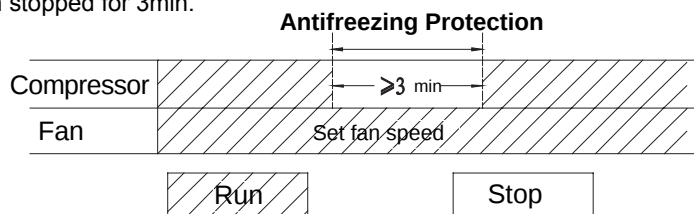
In this mode, the temperature setting range is $61^\circ\text{F} \sim 86^\circ\text{F}$ ($16^\circ\text{C} \sim 30^\circ\text{C}$)



6.1.2.1.2 Protection Function

Antifreezing Protection

If antifreezing protection is detected, the compressor stops and fan runs at setting speed. In this case, POWER and COOL LED blink. The complete unit will resume operation if the antifreezing protection is released and the compressor has been stopped for 3min.



6.1.2.2 Dry Mode

When $T_{\text{amb.}} > T_{\text{preset}} + 4^\circ\text{F}$ (2°C), the unit will run according to the cooling mode and the fan will run at low fan speed.

When $T_{\text{preset}} - 4^\circ\text{F}$ (2°C) $\leq T_{\text{amb.}} \leq T_{\text{preset}} + 4^\circ\text{F}$ (2°C), the unit will run in dry mode and the fan will run at low fan speed. Compressor will run for 6mins and stop for 4mins, and then it runs like that circularly.

When $T_{\text{amb.}} < T_{\text{preset}} - 4^\circ\text{F}$ (2°C), compressor will stop running, while the fan will run at low fan speed.

In this mode, the temperature setting range is $61^\circ\text{F} \sim 86^\circ\text{F}$ ($16^\circ\text{C} \sim 30^\circ\text{C}$).

6. 1. 3. 4 Auto Fan

a) Auto fan speed in heating mode:

$T_{\text{ambient}} \leq T_{\text{preset}} - 4^{\circ}\text{F} (2^{\circ}\text{C})$	high fan speed
$T_{\text{preset}} - 4^{\circ}\text{F} (2^{\circ}\text{C}) < T_{\text{ambient}} < T_{\text{preset}}$	medium fan speed
$T_{\text{ambient}} \geq T_{\text{preset}}$	low fan speed

b) Auto fan speed in cooling mode:

$T_{\text{ambient}} \geq T_{\text{preset}} + 4^{\circ}\text{F} (2^{\circ}\text{C})$	high fan speed
$T_{\text{preset}} < T_{\text{ambient}} < T_{\text{preset}} + 4^{\circ}\text{F} (2^{\circ}\text{C})$	medium fan speed
$T_{\text{ambient}} \leq T_{\text{preset}}$	low fan speed

c) The auto wind in energy saving mode: fan mode is the same at that in cooling mode; d) the auto wind in auto mode is controlled by the actual mode's auto wind.

d) It's the low fan speed in dry mode. Only the low fan speed LED is bright and other fan speed LEDs won't be bright.

6. 1. 3. 5 Warning Function of Filter

When the fan has run for 250hrs accumulatively, the filter cleaning LED will be bright to remind the user to clean filter.

6. 1. 3. 6 Timer Function

a) Timer ON: Timer ON can be set when the system is at off status. The setting time range is 0.5h~24h~0.5h and the interval is 0.5h. When timer on is reached, the system will run at the preset mode.

b) Timer OFF: Time OFF can be set when the system is at on status. The setting time range is 0.5h~24h~0.5h and the interval is 0.5h. When timer off is reached, the system will stop running.

6. 1. 3. 7 Memory Function

System can memory the running status before power failure. System will run automatically at the running status before power failure after power recovery. If the system is at off status before power failure, compressor will delay for 3mins for protection after power recovery.

6. 1. 3. 8 LED, dual 8 nixietube

a) In running status, when the main unit is in cooling mode, cooling LED will be bright,

b) In running status, when the main unit is in auto mode, no LED is bright, dual 8 nixietube displays the setting temperature and the temperature can't be adjusted.

c) In running status, when the main unit is in energy saving mode, no LED is bright, dual 8 nixietube displays the setting temperature and the temperature can't be adjusted.

d) In fan mode, fan LED is bright; E, in dry mode, dry LED is bright

e) When the fan speed is low, medium and high, the LEDs for low, medium and high fan speed will bright respectively. When it's the auto wind, the auto wind LED will be bright.

f) When timer is set, the timer LED will be bright. H, when the unit is running in heating mode, the heating LED will be bright.

6. 1. 3. 9 Temperature Setting

a) You desired temperature can be set by "UP/DOWN" button and the setting temperature will be displayed on the dual 8 nixietube; If press "UP/DOWN" button successively, the setting temperature will be decreased successively and quickly, meanwhile, the buzzer will give out sound successively.

b) Dual 8 nixietube can switch the Centigrade and Fahrenheit. They can be switched by pressing "UP" and "DOWN" simultaneously for 3s.

6. 1. 3. 10 Function Setting For Buttons

a) ON/OFF button is used for turning on or turning off the unit. In off status, the unit will be turned on after pressing ON/OFF button; in on status, the unit will be turned off after pressing this button.

b) SWING button is used for turning on/off the swing. At the time of swinging, swing will be turned off by pressing SWING button. When the unit isn't swing, swing will be turned on by pressing SWING button.

c) FANSPEED button is used for adjusting the fan speed and it will circulate according to AUTO, FAN, FANL, FANM, FANH, and AUTO.

d) UP and DOWN button is used for increasing/decreasing temperature and timer.

e) MODE button is used for switching the mode. It will circulate according to AUTO, COOL, DRY, FAN, HEAT for heat pump unit. Cooling only unit won't receive the signal of HEAT button and it will run according to AUTO, COOL, DRY, FAN.

f) Energy saving mode is only controlled by the energy saving button on remote controller, which can't be selected by the MODE button on control panel.

g) Sleep function is only controlled by the sleep button on remote controller. There's no sleep button on control panel.

6. 1. 3. 11 Antifreezing Protection

When antifreezing protection is detected, compressor and outdoor fan will stop running, while indoor fan will run at the setting fan speed. After antifreezing protection is released and it's delayed for 3mins, the unit will resume original running status.

6. 1. 3. 11 Malfunction Detection for Temperature Sensor

- a) Ambient temperature sensor is open circuit or short circuit: dual 8 nixie tube will displays F1. Cooling LED will go out for 3s and blink once. It will bright for 0.5s and go out for 0.5 when blinking.
- b) Indoor tube temperature sensor is open circuit or short circuit: dual 8 nixie tube will displays F2. Cooling LED will go out for 3s and blink twice. It will bright for 0.5s and go out for 0.5 when blinking.
- c) Outdoor tube temperature sensor is open circuit or short circuit: dual 8 nixie tube will displays F4. Cooling LED will go out for 3s and blink 4 times. It will bright for 0.5s and go out for 0.5 when blinking.
- d) When many kinds of malfunction happen simultaneously, the malfunction protection codes will be displayed circularly in turn.

6. 1. 3. 12 Compressor Protection

After the compressor stops, the unit will be restarted 3min later at least.

6. 1. 4 Button Functions for Controller Panel

6. 1. 4. 1 POWER BUTTON

Operation starts when pressing this button, and stops when pressing this button again.

6. 1. 4. 2 SWING BUTTON

Activate the automatic air swing function.

6. 1. 4. 3 FAN SPEED BUTTON

Select the fan speed HIGH, MID, LOW and AUTO in sequence.

6. 1. 4. 4 TEMP/TIMER BUTTON

Press the $\wedge$ keypad also to increase the selected time in 1 hour increments, and Press the $\vee$ keypad to decrease the selected time in 1 hour decrements, The time setting range is from 0~24 hours. Press the $\wedge$ keypad to increase the set (operating) temperature of the unit, and Press the $\vee$ keypad to decrease the set (operating) temperature of the unit. The temperature setting range is from 16~30°C.

6. 1. 4. 5 MODE BUTTON

Select the operation mode, AUTO, HEAT, COOL, FAN, DRY (for reverse cycle model) or AUTO, COOL, FAN, DRY (For cool model only).

6. 1. 4. 6 FILTER BUTTON

This feature is a reminder to clean the Air Filter (See Care and Cleaning) for more efficient operation and cooling. The LED (light) will illuminate after 250 hours "Check Filter" button and the light will go off. Before the of operation. To reset after cleaning the filter, press the after 3 seconds, the accumulated time of. Operation will be LED(light) illuminate, press the "Check filter" button until canceled.

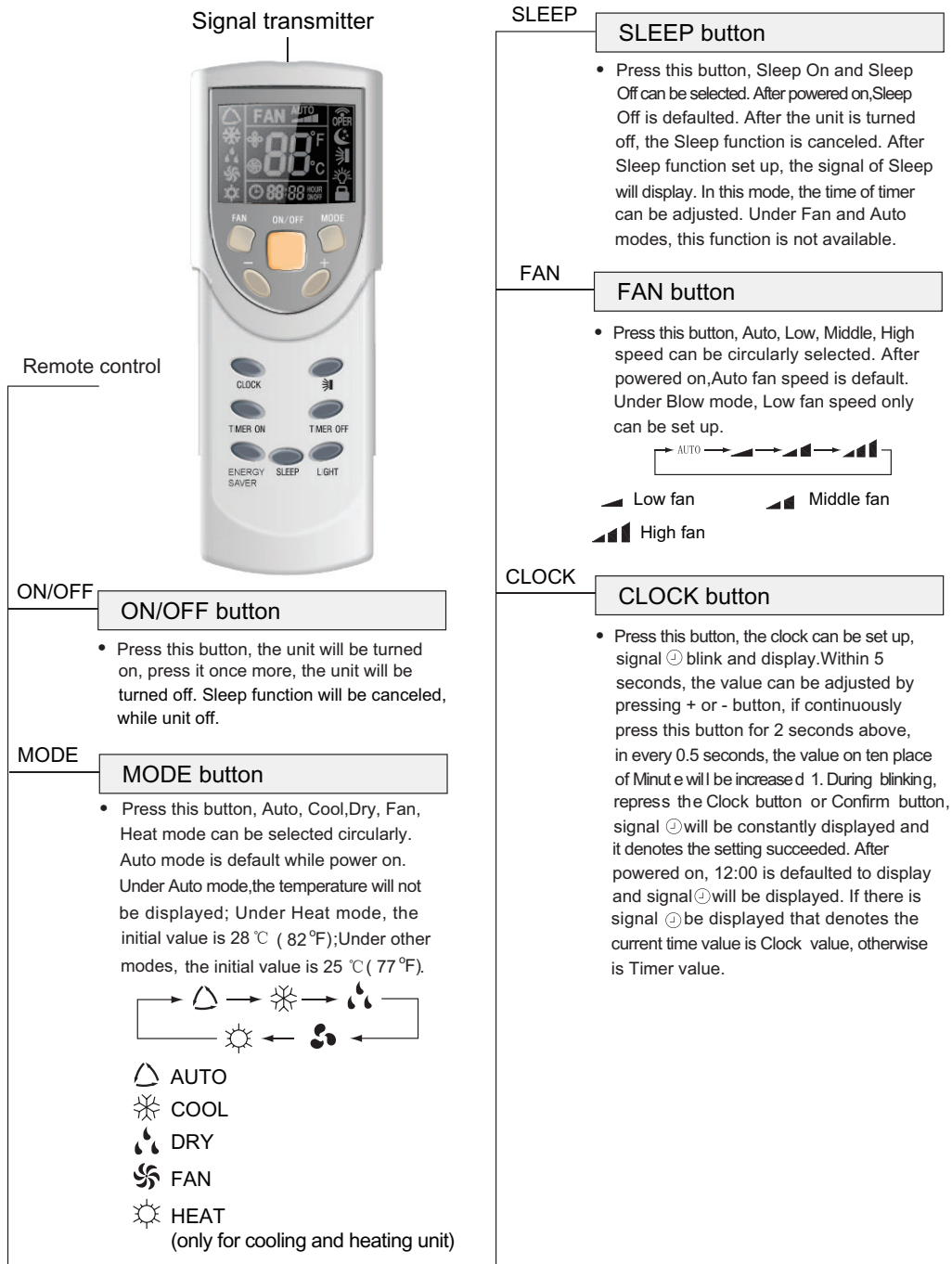
7

Operation of wireless remote control

■ Name and function of wireless remote control

Note:

- Besure that there are no obstructions between receiver and remote control; Don't drop or throw the remote control; Don't let any liquid in the remote control and put the remote control directly under the sunlight or any place where is very hot.



Name and function of wireless remote control

Note: ● This wireless remote control is universal, and it could be used for many units, some buttons of this control which are not available to this unit will not be described below.



Remote control

ENERGY
SAVER

ENERGY SAVER button

- Under the Cool and Dry mode, press this button once, the unit will enter "energy saver" mode. Repress this button, the unit will exit "energy saver" mode.

+

+ button

- Presetting temperature can be increased. Press this button, the temperature can be set up, continuously press this button and hold for two seconds, the relative contents can quickly change, until unhold this button and send the order that the °C (°F) signal will be displayed all the time. The temperature adjustment is unavailable under the Auto mode, but the order can be sent if pressing this button. Temperature of Celsius degree setting: 16-30 ; for Fahrenheit degree setting: 61-86.

-

- button

- Presetting temperature can be decreased. Press this button, the temperature can be set up, continuously press this button and hold for two seconds, the relative contents can quickly change, until unhold this button and send the order that the °C (°F) signal will be displayed all the time. The temperature adjustment is unavailable under the Auto mode, but the order can be sent by if pressing this button.

LIGHT

LIGHT button

- Press this button at unit On or Off status, Light On and Light Off can be set up. After powered on, Light On is defaulted.

Name and function of wireless remote control

Note:

- This wireless remote control is universal, and it could be used for many units, some buttons of this control which are not available to this unit will not be described below.

Remote control



SWING BUTTON

- When it is pressed, the louvers start to rotate automatically and stop when repressed.

TIMER ON

TIMER ON BUTTON

- At unit off, press Timer On button, "HOUR ON" will blink and display, signal  will be concealed, in the timer on setting. During 5 seconds blinking, the value can be adjusted by pressing + or - button, every press of this button, 0.5 hour will be increased or decreased, but continuously press the + or - button, 2 seconds later, the value will be changed quickly, 0.5 hour will be increased in every 0.25 second automatically by the remote controller. During blinking, press the Timer On button to confirm the time. After Timer On set up, when repressing the Timer On button, the Timer On setting will be canceled. After powered on, no Timer is defaulted, signal "HOUR ON (OFF)" will not display, and only the clock is displayed. After the timer reached, the relative contents with Timer will conceal. Before setting the Timer, please adjust the clock to the current actual time.

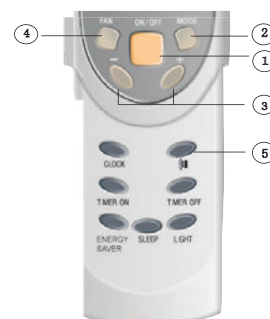
TIMER OFF

TIMER OFF BUTTON

- At unit on, press Timer Off button to enter into Timer Off setting. The method of setting is the same as for TIMER ON.

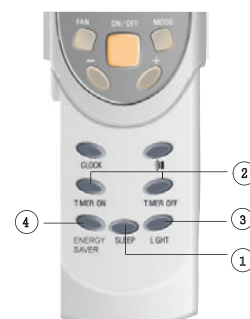
■ Guide for operation- general operation

1. After powered on, press ON/OFF button, the unit will start to run.(Note: When it is powered on the guide louver of main unit will close automatically.)
2. Press MODE button, select desired running mode, or press COOL or HEAT mode to enter into the corresponding operation directly.
3. Pressing + or - button, to set the desired temperature (It is unnecessary to set the temp. at AUTO mode.)
4. Pressing FAN button, set fan speed, can select AUTO FAN, LOW, MID and HIGH.
5. Pressing  button, to select the swing.



■ Guide for operation- Optional operation

1. Press SLEEP button, to set sleep.
2. Press TIMER ON and TIMER OFF button, can set the scheduled timer on or timer off.
3. Press LIGHT button, to control the on and off of the displaying part of the unit (This function may be not available for some units).
4. Press ENERGY SAVER button, can realize the ON and OFF of ENERGY SAVER function.



■ Introduction for special function

★ About AUTO RUN

When AUTO RUN mode is selected, the setting temperature will not be displayed on the LCD, the unit will be in accordance with the room temp. automatically to select the suitable running method and to make ambient comfortable.

★ About lock

Press + and - buttons simultaneously to lock or unlock the keyboard. If the remote controller is locked, the icon  will be displayed on it, in which case, press any button, the mark will flicker for three times. If the keyboard is unlocked, the mark will disappear.

★ About swing up and down

1. Press swing up and down button continuously more than 2s, the main unit will swing back and forth from up to down, and then loosen the button, the unit will stop swinging and present position of guide louver will be kept immediately.
2. Under swing up and down mode, when the status is switched from off to , if press this button again 2s later,  status will switch to off status directly; if press this button again within 2s, the change of swing status will also depend on the circulation sequence stated above.

★ About switch between Fahrenheit and Centigrade

Under status of unit off, press MODE and - buttons simultaneously to switch °C and °F.

★ About new function of defrosting

It indicates: after starting this function by remote controller and the unit has been under defrost status, If turn off the unit by remote controller, the unit will not stop defrosting until it is finished; if change setting mode by remote controller, the function, which is set last time, won't be carried out until defrosting finished.

Operation of this function on or off: If remote controller is under off status, press mode button and blow button simultaneously in order to enter or cancel this new function. If the unit is under defrost mode, dual eight position on remote controller will display H1. If switch to heat mode, the position will display H1, which flickers for 5s, in which case, press MODE/- button, H1 will disappear and setting temp. be displayed.

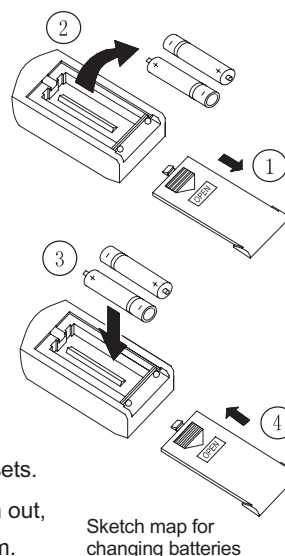
After remote controller is powered on, the new defrost function will be defaulted to be closed.

■ Changing batteries and notices

1. Slightly to press the place with , along the arrowhead direction to push the back cover of wireless remote control. (As show in figure)
2. Take out the old batteries. (As show in figure)
3. Insert two new AAA1.5V dry batteries, and pay attention to the polarity. (As show in figure)
4. Attach the back cover of wireless remote control. (As show in figure)

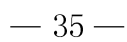
★ NOTE:

- When changing the batteries, do not use the old or different batteries, otherwise, it can cause the malfunction of the wireless remote control.
- If the wireless remote control will not be used for a long time, please take them out, and don't let the leakage liquid damage the wireless remote control.
- The operation should be in its receiving range.
- It should be placed at where is 1m away from the TV set or stereo sound sets.
- If the wireless remote control can not operate normally, please take them out, after 30s later and reinsert, if they cannot normally run, please change them.



7

7.1

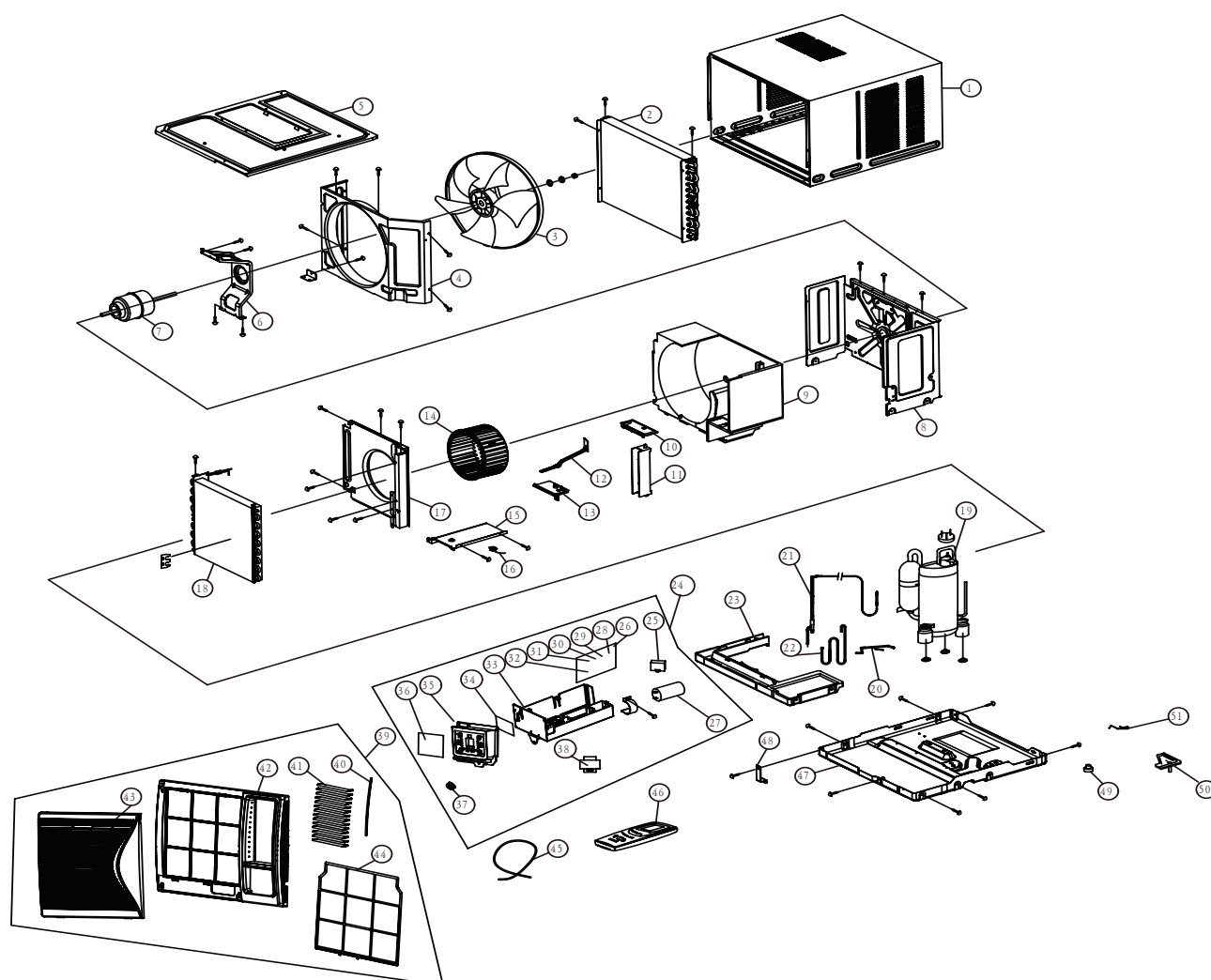


7.2 Parts List

GJH07AB-K3MNB8A			
NO	Description	Part Code	Qty
1	Cabinet Assy	01431319	1
2	Condenser Assy	01101339	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231152	1
5	Top Connecting Plate Assy	01381389	1
6	Motor Support	01701301	1
7	Fan Motor	15011304	1
8	Front Clapboard Sub-Assy	012313161	1
9	Propeller Housing	12101362	1
10	Air Door Lever	10581303	1
11	Base of Swing Louver	10521362	1
12	Propeller housing Assy	12101303	1
13	Cross Beam	24241364	1
14	Air Louver	10511127	1
15	Centrifugal Fan Sub-Assy	10311367	1
16	Base Plate Of Air Flue	01221302	1
17	Synchronous Motor	15210217	1
18	Front Clapboard of Propeller housing	0123131402	1
19	Evaporator Assy	0100119701	1
20	Compressor and fittings	00203903	1
21	Overload Protector	00180108	1
22	Compressor Gasket	76710216	3
23	4-way Valve Assy	03021186	1
24	Capillary Sub-Assy	03001461	1
25	Water Tray	12411006	1
26	Electric Box Assy	01401895	1
27	Capacitor CBB61	33010064	1
28	Controll Switch	45010325	1
29	Thermostat	45040017	1
30	Base board of defroster	22221201	1
31	Defrosting Pcb	30112005	1
32	Tube sensor	390000631	1
33	Manual Switch	45020104	1
34	Terminal Board	42011103	2
35	Terminal Board	42010157	1
36	Sleeving	42032402	1
37	Transformer	43110212	1
38	Capacitor CBB65	33010044	1
39	Controll Panel	20161210	1
40	Knob Sub-Assy	45031356	2
41	Front Panel Assy	20001448	1
42	Guide blade lever	10581305	1
43	Air Louver	10511033	12
44	Front Case	20001419	1
45	Front panel 1	20001435	1
46	LCD board(main control)	20120035	1
47	Filter Sub-Assy	11121304	1
48	Power Cord	40020491	1
49	Chassis Sub-assy	0120118704P	1
50	Chassis clamp	01211307	1
51	Drainage Valve	07100164	1
52	Drainage Box	20181125	1
53	Magnet Coil	430004017	1

GJH09AB-K3MNB8A			
NO	Description	Part Code	Qty
1	Cabinet Assy	01431319	1
2	Condenser Assy	01101186	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231336	1
5	Top Connecting Plate Assy	01381389	1
6	Motor Support	01701301	1
7	Fan Motor	15011304	1
8	Front Clapboard Sub-Assy	012313161	1
9	Propeller Housing	12101362	1
10	Air Door Lever	10581303	1
11	Base of Swing Louver	10521362	1
12	Propeller housing Assy	12101303	1
13	Cross Beam	24241364	1
14	Air Louver	10511127	1
15	Centrifugal fan	10311004	1
16	Base Plate Of Air Flue	01221302	1
17	Synchronous Motor	15210217	1
18	Front Clapboard of Propeller housing	0123131402	1
19	Evaporator Assy	0100119701	1
20	Compressor and fittings	00103203	1
21	Overload Protector	00183012	1
22	Compressor Gasket	76710217	3
23	4-way Valve Assy	0302118501	1
24	Capillary Sub-Assy	03001140	1
25	Water Tray	12411006	1
26	Electric Box Assy	01401896	1
27	Capacitor CBB61	33010064	1
28	Control Switch	45010325	1
29	Thermostat	45040017	1
30	Base board of defroster	22221201	1
31	Defrosting Pcb	30112005	1
32	Tube sensor	390000631	1
33	Manual Switch	45020104	1
34	Terminal Board	42011103	2
35	Terminal Board	42010157	1
36	Sleeving	42032402	1
37	Transformer	43110212	1
38	Capacitor CBB65	33000018	1
39	Control Panel	20161210	1
40	Knob Sub-Assy	45031356	2
41	Front Panel Assy	20001448	1
42	Guide blade lever	10581305	1
43	Air Louver	10511033	12
44	Front Case	20001419	1
45	Front panel 1	20001435	1
46	LCD board(main control)	20120035	1
47	Filter Sub-Assy	11121304	1
48	Power Cord	400204646	1
49	Chassis Sub-assy	0120118703P	1
50	Chassis clamp	01211307	1
51	Drainage Valve	07100164	1
52	Drainage Box	20181125	1
53	Magnet Coil	430004017	1

7.3 GJC07AB-K3RNB9A GJC09AB-K3RNB9A

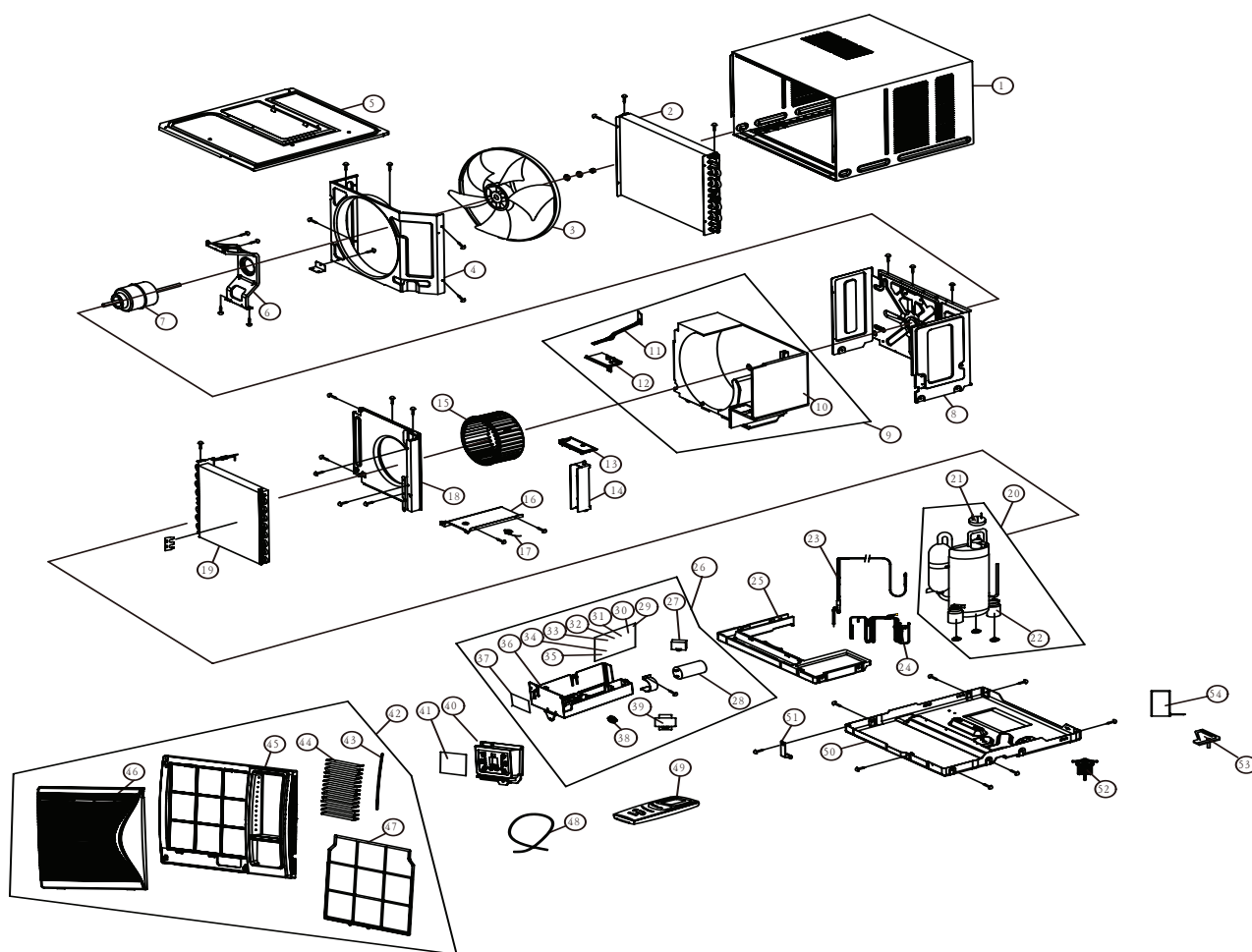


7.4 Parts List

GJC07AB-K3RNB9A			
NO	Description	Part Code	Qty
1	Cabinet Assy	01431319	1
2	Condenser Assy	01101252	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231336	1
5	Top Connecting Plate Assy	01381389	1
6	Motor Support	01701301	1
7	Fan Motor	15011304	1
8	Front Clapboard Sub-Assy	01231316	1
9	Propeller housing Assy	12101303	1
10	Cross Beam	24241364	1
11	Air Louver	10511127	1
12	Air Door Lever	10581303	1
13	Base of Swing Louver	10521362	1
14	Centrifugal fan	10311004	1
15	Base Plate Of Air Flue	01221303	1
16	Step Motor	15211008	1
17	Front Clapboard of Propeller housing	0123131402	1
18	Evaporator Assy	01001194	1
19	Compressor and fittings	00103203	1
20	Inhalation Tube Sub-Assy	03631447	1
21	Capillary Sub-Assy	03001355	1
22	Discharge Tube	03611460	1
23	Water Tray	12411006	1
24	Electric Box Assy	2010125801	1
25	Capacitor CBB61	33010064	1
26	Main Board	30032576	1
27	Capacitor CBB65	33000017	1
28	Relay	44020331	1
29	Relay	44020382	3
30	Tube sensor	39000063	1
31	Temperature Sensor	39000064	1
32	Fuse	46010055	1
33	Electric box(Remote control)	20101306	1
34	Display Board	30562002	1
35	LCD board(remote control)	20120036	1
36	Membrane	22431132	1
37	Sleeving	42032402	1
38	Transformer	43110215	1
39	Front Panel Assy	20001442	1
40	Guide blade lever	10581305	1
41	Air Louver	10511033	12
42	Front Case	20001419	1
43	Front panel 1	20001435	1
44	Filter Sub-Assy	11121304	1
45	Power Cord	40020491	1
46	Remote Controller	30511030	1
47	Chassis Sub-assy	0120118702P	1
48	Chassis clamp	01211307	1
49	Drainage hole cap	76711012	1
50	Drainage Box	20181125	1
51	Sensor Insert	42020063	1

GJC09AB-K3RNB9A			
NO	Description	Part Code	Qty
1	Cabinet Assy	01431319	1
2	Condenser Assy	01101252	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231336	1
5	Top Connecting Plate Assy	01381302	1
6	Motor Support	01701301	1
7	Fan Motor	15011304	1
8	Front Clapboard Sub-Assy	01231316	1
9	Propeller housing Assy	12101303	1
10	Cross Beam	24241364	1
11	Air Louver	10511127	1
12	Air Door Lever	10581303	1
13	Base of Swing Louver	10521362	1
14	Centrifugal fan	10311004	1
15	Base Plate Of Air Flue	01221303	1
16	Step Motor	15211008	1
17	Front Clapboard of Propeller housing	0123131402	1
18	Evaporator Assy	01001194	1
19	Compressor and fittings	00101076	1
20	Inhalation Tube Sub-Assy	03631446	1
21	Capillary Sub-Assy	03001354	1
22	Discharge Tube	03611459	1
23	Water Tray	12411006	1
24	Electric Box Assy	20101054	1
25	Capacitor CBB61	33010064	1
26	Main Board	30032576	1
27	Capacitor CBB65	33000018	1
28	Relay	44020331	1
29	Relay	44020382	3
30	Tube sensor	39000063	1
31	Temperature Sensor	39000064	1
32	Fuse	46010055	1
33	Electric box(Remote control)	20101306	1
34	Display Board	30562002	1
35	LCD board(remote control)	20120036	1
36	Membrane	22431132	1
37	Sleeving	42032402	1
38	Transformer	43110215	1
39	Front Panel Assy	20001442	1
40	Guide blade lever	10581305	1
41	Air Louver	10511033	12
42	Front Case	20001419	1
43	Front panel 1	20001435	1
44	Filter Sub-Assy	11121304	1
45	Power Cord	40020491	1
46	Remote Controller	30511030	1
47	Chassis Sub-assy	012013078	1
48	Chassis clamp	01211307	1
49	Drainage hole cap	76711012	1
50	Drainage Box	20181125	1
51	Sensor Insert	42020063	1

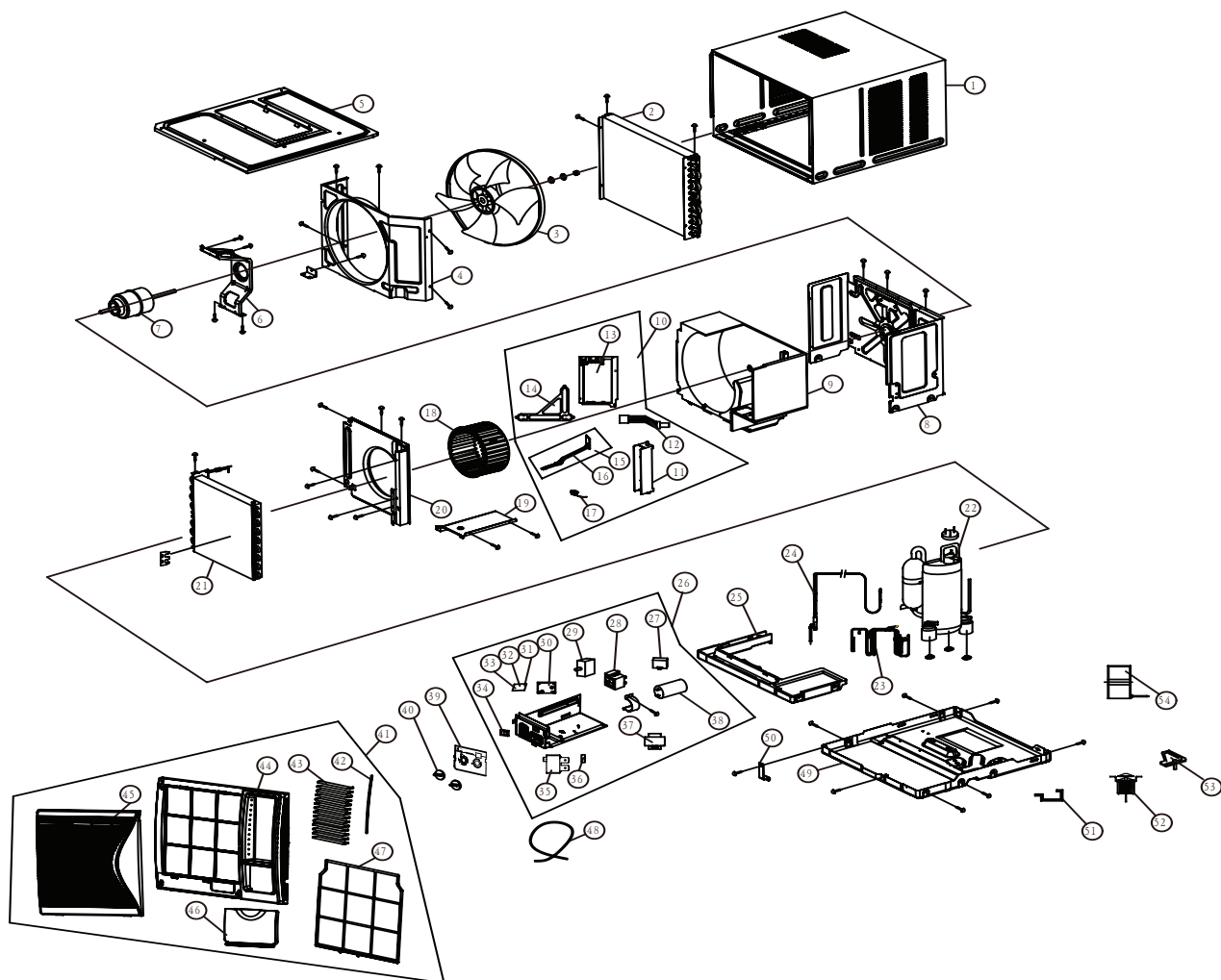
7.5 GJH07AB-K3RNB9A、GJH09AB-K3RNB9A



7.6 Parts List

GJH07AB-K3RNB9A			
NO	Description	Part Code	Qty
1	Cabinet Assy	01431319	1
2	Condenser Assy	01101339	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231152	1
5	Top Connecting Plate Assy	01381389	1
6	Motor Support	01701301	1
7	Fan Motor	15011304	1
8	Front Clapboard Sub-Assy	012313161	1
9	Propeller housing Assy	12101303	1
10	Propeller Housing	12101362	1
11	Air Door Lever	10581303	1
12	Base of Swing Louver	10521362	1
13	Cross Beam	24241364	1
14	Air Louver	10511127	1
15	Centrifugal Fan Sub-Assy	10311367	1
16	Base Plate Of Air Flue	01221303	1
17	Step Motor	15211008	1
18	Front Clapboard of Propeller housing	0123131402	1
19	Evaporator Assy	01001197	1
20	Compressor and fittings	00203903	1
21	Overload Protector	00180108	1
22	Compressor Gasket	76710216	3
23	Capillary Sub-Assy	03001461	1
24	4-way Valve Assy	03021186	1
25	Water Tray	12411006	1
26	Electric Box Assy	20101272	1
27	Capacitor CBB61	33010064	1
28	Capacitor CBB65	33010044	1
29	Main Board	30132028	1
30	Relay	44020324	4
31	Relay	44020399	1
32	Tube Sensor	390000596	1
33	Temperature Sensor	390000372	1
34	Ambient Temperature Sensor	390000451	1
35	Fuse	46010055	1
36	Electric box(Remote control)	20101306	1
37	Display Board	30562019	1
38	Sleeving	42032402	1
39	Transformer	43110215	1
40	LCD board(remote control)	20120036	1
41	control panel	20161210	1
42	Front Panel Assy	20001442	1
43	Guide blade lever	10581305	1
44	Air Louver	10511033	12
45	Front Case	20001419	1
46	Front panel 1	20001435	1
47	Filter Sub-Assy	11121304	1
48	Power Cord	40020491	1
49	Remote Controller	30511030	1
50	Chassis Sub-assy	0120118704P	1
51	Chassis clamp	01211307	1
52	Drainage Valve	07100164	1
53	Drainage Box	20181125	1
54	Magnet Coil	430004017	1

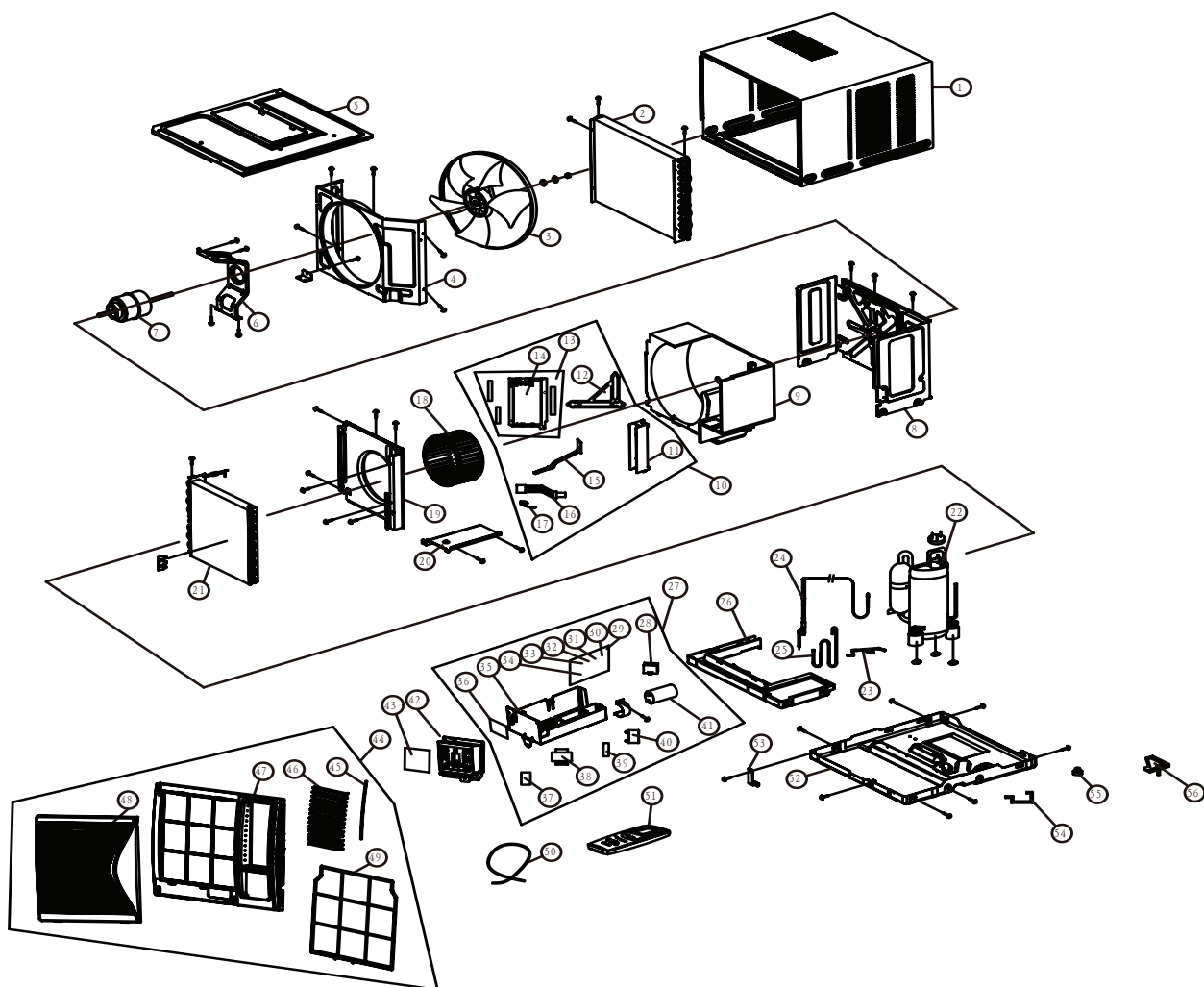
GJH09AB-K3RNB9A			
NO	Description	Part Code	Qty
1	Cabinet Assy	01431319	1
2	Condenser Assy	01101339	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231152	1
5	Top Connecting Plate Assy	01381389	1
6	Motor Support	01701301	1
7	Fan Motor	15011304	1
8	Front Clapboard Sub-Assy	012313161	1
9	Propeller housing Assy	12101303	1
10	Propeller Housing	12101362	1
11	Air Door Lever	10581303	1
12	Base of Swing Louver	10521362	1
13	Cross Beam	24241364	1
14	Air Louver	10511127	1
15	Centrifugal fan	10311004	1
16	Base Plate Of Air Flue	01221303	1
17	Step Motor	15211008	1
18	Front Clapboard of Propeller housing	0123131402	1
19	Evaporator Assy	01001197	1
20	Compressor and fittings	00103203	1
21	Overload Protector	00183012	1
22	Compressor Gasket	76710217	3
23	Capillary Sub-Assy	03001460	1
24	4-way Valve Assy	03021185	1
25	Water Tray	12411006	1
26	Electric Box Assy	20101273	1
27	Capacitor CBB61	33010064	1
28	Capacitor CBB65	33000018	1
29	Main Board	30132028	1
30	Relay	44020324	4
31	Relay	44020399	1
32	Tube Sensor	390000596	1
33	Temperature Sensor	390000372	1
34	Ambient Temperature Sensor	390000451	1
35	Fuse	46010055	1
36	Electric box(Remote control)	20101306	1
37	Display Board	30562019	1
38	Sleeving	42032402	1
39	Transformer	43110215	1
40	LCD board(remote control)	20120036	1
41	control panel	20120036	1
42	Front Panel Assy	20001442	1
43	Guide blade lever	10581305	1
44	Air Louver	10511033	12
45	Front Case	20001419	1
46	Front panel 1	20001435	1
47	Filter Sub-Assy	11121304	1
48	Power Cord	40020491	1
49	Remote Controller	30511030	1
50	Chassis Sub-assy	0120118703P	1
51	Chassis clamp	01211307	1
52	Drainage Valve	07100164	1
53	Drainage Box	20181125	1
54	Magnet Coil	430004017	1



7.8 Parts List

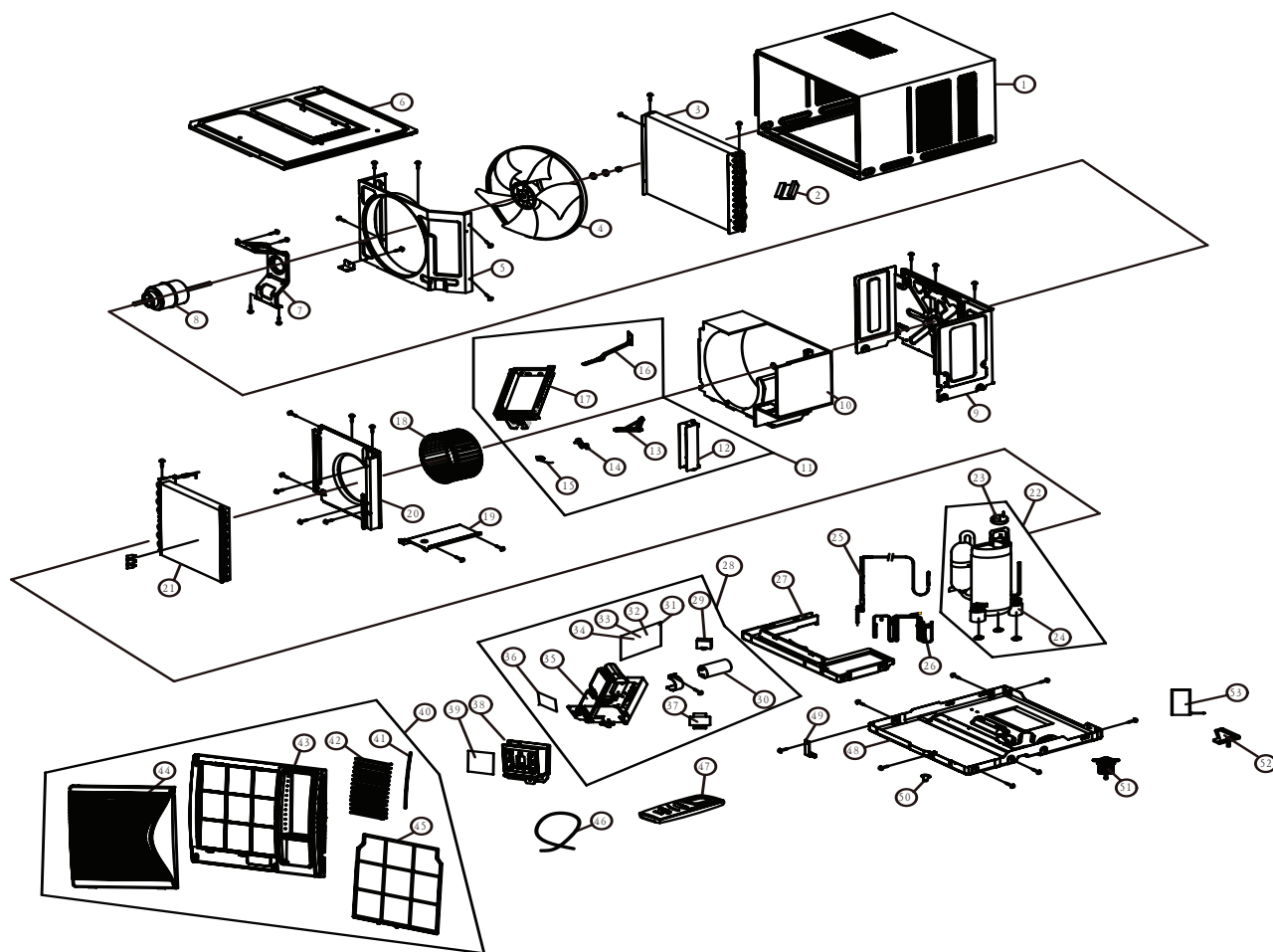
NO.	Description	Product Code	Qty
		GJH12AD-K3MNB8A	
1	Cabinet Assy	01431515	1
2	Condenser Assy	110119401	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231502	1
5	Top Cover Board Sub-assy	01251503	1
6	Motor support 1	01701605	1
7	Fan Motor	15011606	1
8	Front Clapboard Sub-Assy	01231805	1
9	Propeller Housing	12101602	1
10	Air Outlet Sub-Assy	01441802	1
11	Air Louver	10511601	2
12	Crank	10561601	1
13	Swing blade Support	10581603	1
14	Swing lever	10581602	2
15	Air Door Lever sub-assy	10581607	1
16	Air Door Lever	10581605	1
17	Synchronous Motor	15211006	1
18	Centrifugal Fan Sub-Assy	10311501	1
19	Base Plate Of Air Flue	01221602	1
20	Front Clapboard of Propeller housing	01231604	1
21	Evaporator Assy	01001287	1
22	Compressor and fittings	00101078	1
23	4-way Valve Assy	03021015	1
24	Capillary Sub-Assy	03001433	1
25	Drainage Box	20181801	1
26	Electric Box Assy	01401898	1
27	Capacitor CBB61	33010037	1
28	Controll Switch	45010325	1
29	Therm ostat	45040015	1
30	Base board of defroster	22221601	1
31	Defrosting Pcb	30112005	1
32	Relay	44020333	1
33	Tube sensor	390000631	1
34	Manual Switch	45020104	1
35	Term inal Board	42011251	1
36	Term inal Board	42010157	1
37	Transformer	43110212	1
38	Capacitor CBB65	33010743	1
39	Control panel (heat pum p)	20161502	1
40	Knob Sub-Assy	45031356	2
41	Front Panel Assy	20001446	1
42	Guide blade lever	10581604	1
43	Guide blade	105116021	14
44	Front Case	20001601	1
45	Front panel 1	20001433	1
46	Switch Cover	20161601	1
47	Filter Sub-Assy	11121601	1
48	Power Cord	40020491	1
49	Chassis Sub-assy	012015051	1
50	Chassis clamp	01211601	1
51	Cabinet Fastener	26251601	1
52	Drainage Valve	07100164	1
53	Drainage Box	20181801	1
54	Magnet Coil	430004017	1

7.9 GJC12AD-K3RNB9A



7.10 Parts List

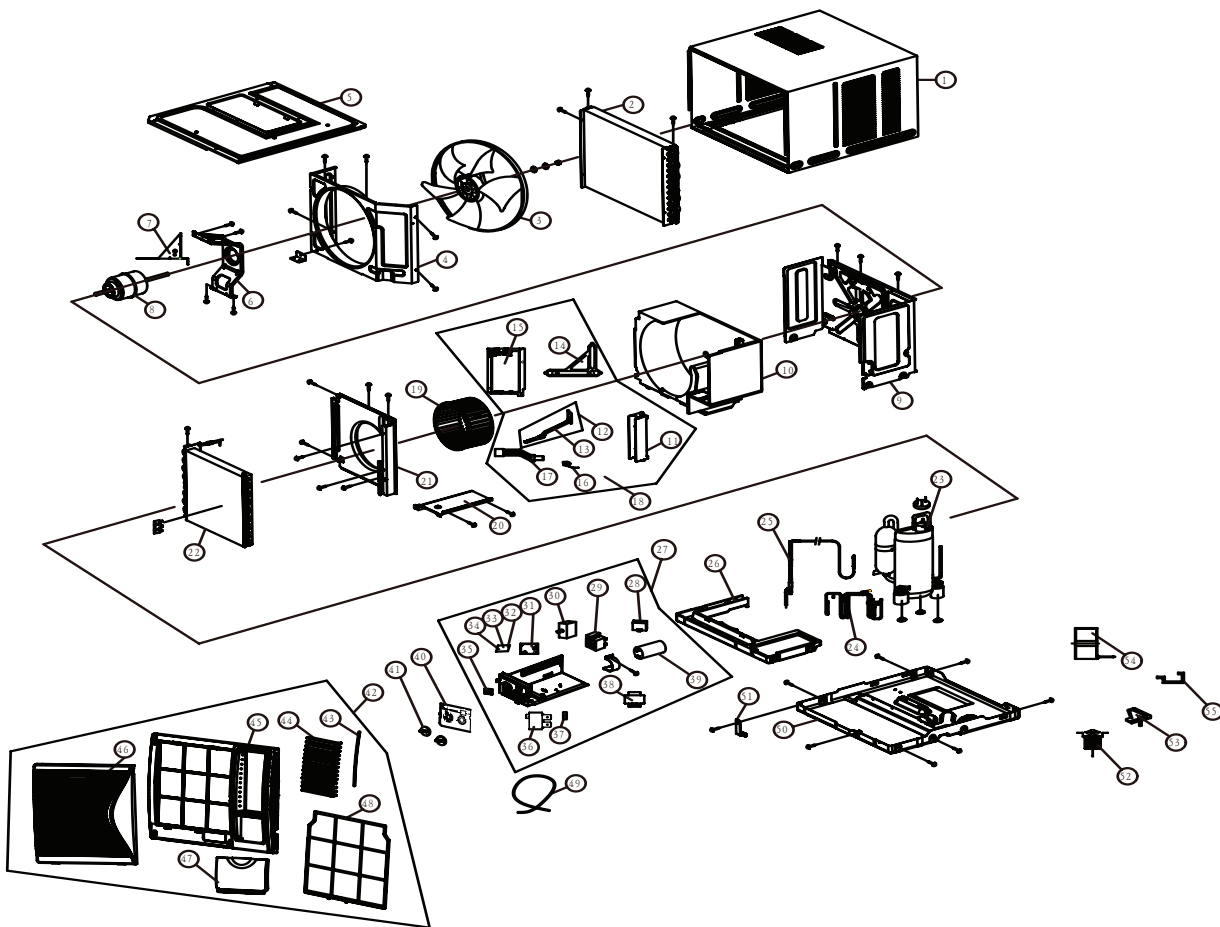
NO.	Description	Product Code	Qty
		GJC12AD-K3RNB9A	
1	Cabinet Assy	01431515	1
2	Condenser Assy	01101247	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231502	1
5	Top Cover Board Sub-assy	01251503	1
6	Motor support 1	01701605	1
7	Fan Motor	15011606	1
8	Front Clapboard Sub-Assy	01231607	1
9	Propeller Housing	12101602	1
10	Air Outlet Sub-Assy	2000103601	1
11	Air Louver	10511601	2
12	Swing lever	10581602	2
13	Swing blade Support Sub-assy	24211027	1
14	Swing blade Support	10581603	1
15	Air Door Lever	10581601	1
16	Crank	73011001	1
17	Step Motor	1521211601	1
18	Centrifugal Fan Sub-Assy	10311501	1
19	Front Clapboard of Propeller housing	01231604	1
20	Base Plate Of Air Flue	01221602	1
21	Evaporator Assy	01001287	1
22	Compressor and fittings	00101078	1
23	Inhalation Tube Sub-Assy	03631448	1
24	Capillary Sub-Assy	03001356	1
25	Discharge Tube	03611461	1
26	Water Tray	12411007	1
27	Electric Box Assy	20101257	1
28	Capacitor CBB61	33010037	1
29	Main Board	30132035	1
30	Relay	44020331	1
31	Relay	44020382	3
32	Tube sensor	39000063	1
33	Temperature Sensor	39000064	1
34	Fuse	46010055	1
35	Electric box(Remote control)	20101601	1
36	Display Board	30562002	1
37	Terminal Board	42010157	1
38	Transformer	43110205	1
39	XY Capacitor	33030013	1
40	Relay	44020334	1
41	Capacitor CBB65	33010743	1
42	LCD board(remote control)	20120037	1
43	Membrane	22431132	1
44	Front Panel Assy	20001440	1
45	Guide blade lever	10581604	1
46	Guide blade	105116021	14
47	Front Case	20001601	1
48	Front panel 1	20001433	1
49	Filter Sub-Assy	11121601	1
50	Power Cord	40020491	1
51	Remote Controller	30511030	1
52	Chassis Sub-assy	0120150518	1
53	Chassis clamp	01211601	1
54	Cabinet Fastener	26251601	1
55	Drainage hole cap	76711012	1
56	Drainage Box	20181801	1



7.12 Parts List

NO.	Description	Product Code	Qty
		GJH12AD-K3RNB9A	
1	Cabinet Assy	01431515	1
2	Cabinet Fastener	26251601	1
3	Condenser Assy	110119401	1
4	Axial Flow Fan Sub-Assy	10331601	1
5	Rear Clapboard	01231502	1
6	Top Cover Board Sub-assy	01251503	1
7	Motor support 1	01701605	1
8	Fan Motor	15011606	1
9	Front Clapboard Sub-Assy	01231804	1
10	Propeller Housing	12101602	1
11	Air outlet sub-assy	2000103601	1
12	Air Louver	10511601	2
13	Swing lever	10581602	2
14	Crank	73011001	1
15	Step Motor	1521211601	1
16	Air Door Lever	10581601	1
17	Swing blade Support Sub-assy	24211027	1
18	Centrifugal Fan Sub-Assy	10311501	1
19	Base Plate Of Air Flue	01221602	1
20	Front Clapboard of Propeller housing	01231604	1
21	Evaporator Assy	01001287	1
22	Compressor and fittings	00101078	1
23	Overload Protector	00180310	1
22	Compressor Gasket	76711042	3
25	Capillary Sub-Assy	03001433	1
26	4-way Valve Assy	03021015	1
27	Water Tray	12411007	1
28	Electric Box Assy	20101261	1
29	Capacitor CBB61	33010037	1
30	Capacitor CBB65	33000018	1
31	Main Board	30132028	1
32	Tube Sensor	390000596	1
33	Temperature Sensor	390000372	1
34	Ambient Temperature Sensor	390000451	1
35	Electric Box	20111018	1
36	Display Board	30562019	1
37	Transformer	43110236	1
38	LCD board(remote control)	20120037	1
39	Membrane	2243113201	1
40	Front Panel Assy	20001440	1
41	Guide blade lever	10581604	1
42	Guide blade	105116021	14
43	Front Case	20001601	1
44	Front panel 1	20001433	1
45	Filter Sub-Assy	11121601	1
46	Power Cord	40020491	1
47	Remote Controller	30511030	1
48	Chassis Sub-assy	012015051	1
49	Chassis clamp	01211601	1
50	Drainage hole cap	76711012	1
51	Drainage Valve	07100164	1
52	Drainage Box	20181801	1
53	Magnet Coil	430004017	1

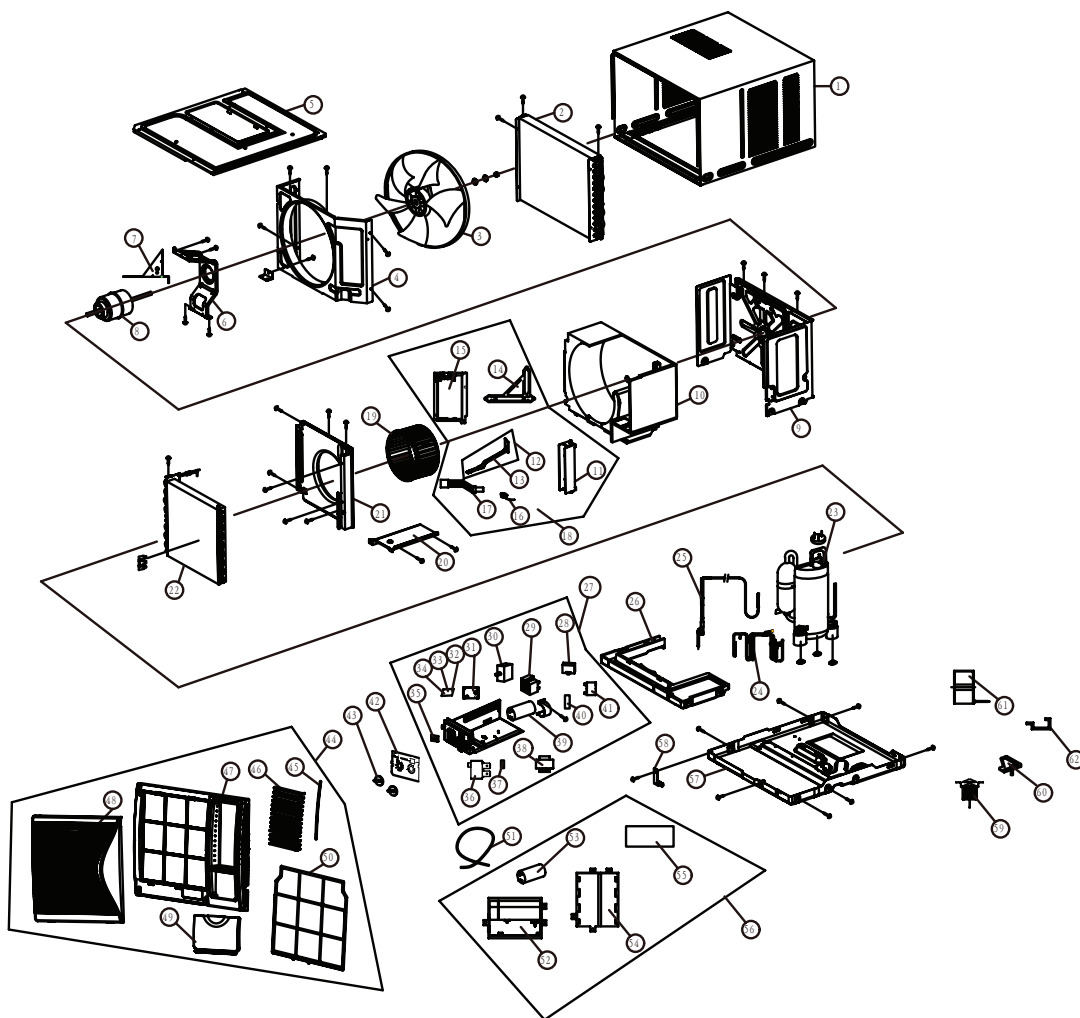
7.13 GJH18AC-K3MNB8A



7. 14 Parts List

NO.	Description	Product Code	Qty
		GJH18AC-K3MNB8A	
1	Cabinet Assy	014316182	1
2	Condenser Assy	01101276	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231031	1
5	Top Cover Board Sub-assy	01251609	1
6	Motor support 1	01701605	1
7	Motor support 2	01701604	1
8	Fan Motor	15011603	1
9	Front Clapboard Sub-Assy	01231805	1
10	Propeller Housing	12101602	1
11	Air Louver	10511601	2
12	Air Door Lever sub-assy	10581607	1
13	Air Door Lever	10581605	1
14	Swing lever	10581602	2
15	Swing blade Support	10581603	1
16	Synchronous Motor	15211006	1
17	Crank	10561601	1
18	Air Outlet Sub-Assy	01441802	1
19	Centrifugal Fan	10311501	1
20	Base Plate Of Air Flue	01221602	1
21	Front Clapboard of Propeller housing	01231604	1
22	Evaporator Assy	100129201	1
23	Compressor and fittings	00103003	1
24	4-way Valve Assy	03021019	1
25	Capillary Sub-Assy	03001438	1
26	Water Tray	12411007	1
27	Electric Box Assy	01401908	1
28	Capacitor CBB61	33010037	1
29	Controll Switch	45010325	1
30	Thermostat	45040015	1
31	Base board of defroster	22221601	1
32	Defrosting Pcb	30112005	1
33	Relay	11020333	1
34	Tube sensor	390000631	1
35	Manual Switch	45020104	1
36	Terminal Board	42011251	1
37	Terminal Board	42010157	1
38	Transformer	43110212	1
39	Capacitor CBB65	33000039	1
40	Control panel (heat pump)	20161502	1
41	Knob Sub-Assy	45031356	2
42	Front Panel Assy	20001445	1
43	Guide blade lever	10581604	1
44	Guide blade	105116021	14
45	Front Case	20001601	1
46	Front panel 2	20001434	1
47	Switch Cover	20161601	1
48	Filter Sub-Assy	11121601	1
49	Power Cord	400204911	1
50	Chassis Sub-assy	0120160714	1
51	Chassis clamp	01211601	1
52	Drainage Valve	07100164	1
53	Drainage Box	20181801	1
54	Magnet Coil	430004017	1
55	Cabinet Fastener	26251601	1

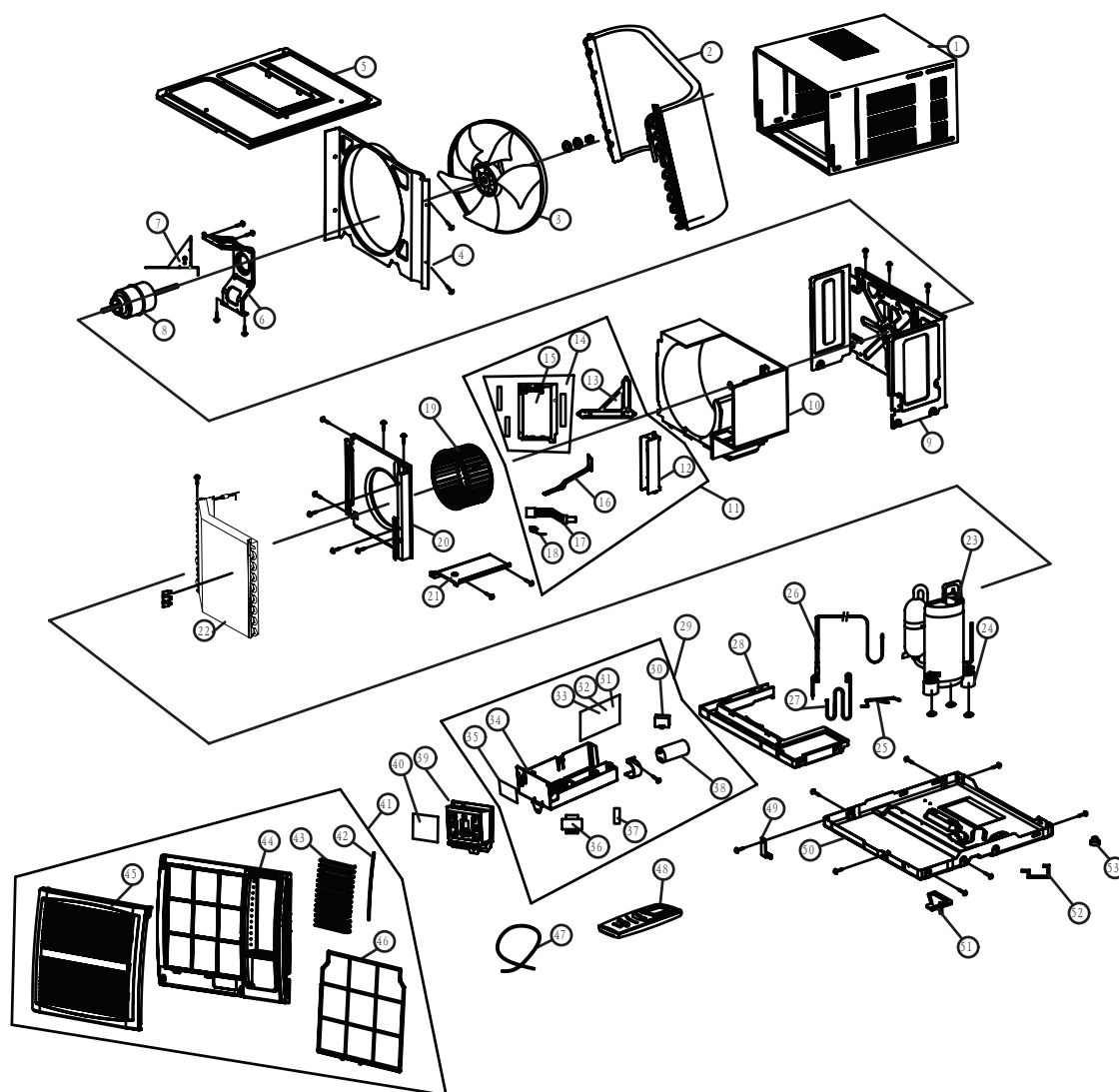
7.15 GJH24AC-K3MNB8A



7.16 Parts List

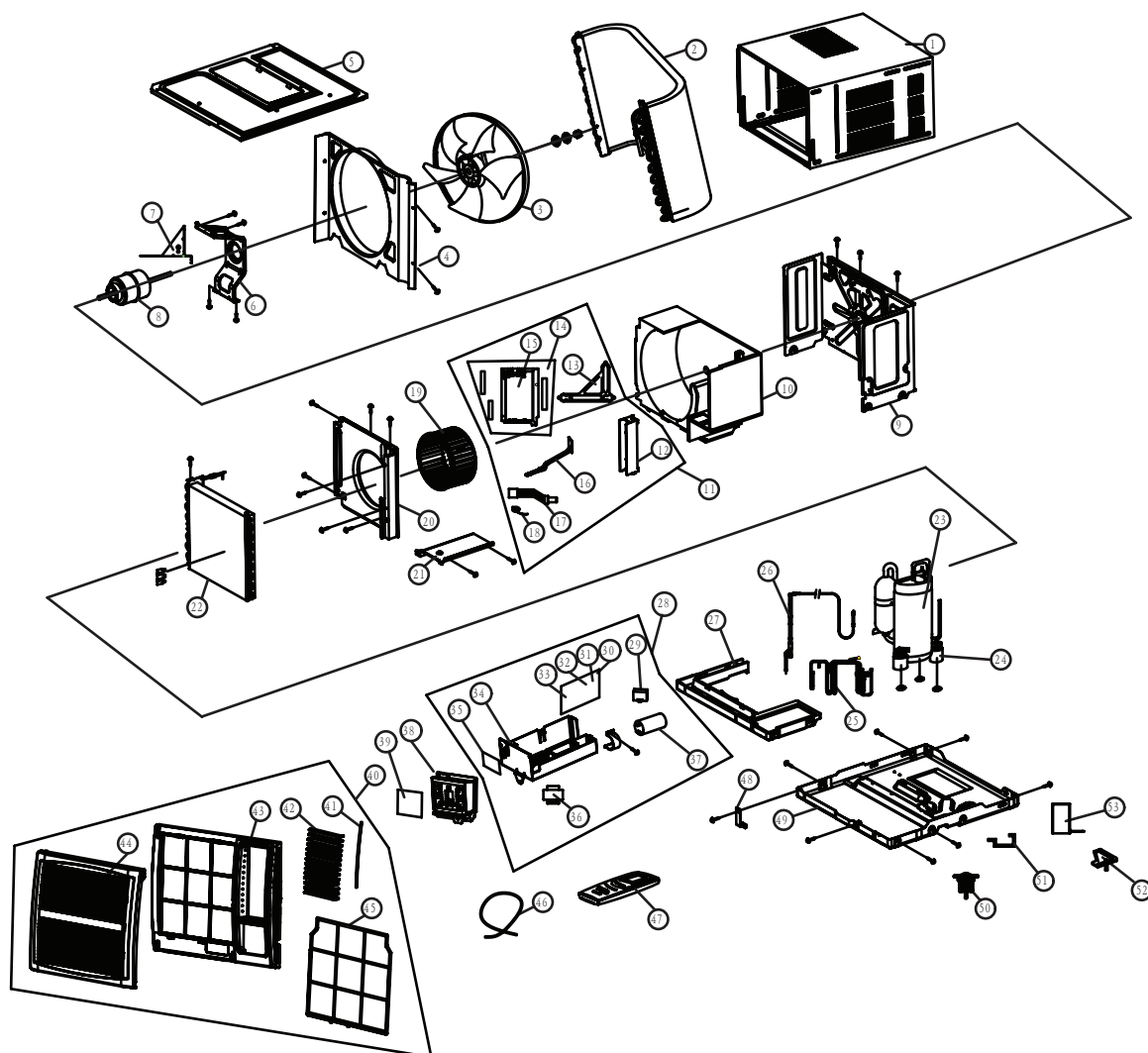
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		GJH24AC-K3MNB8A	
1	Cabinet Assy	014316182	1
2	Condenser Assy	01101276	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231031	1
5	Top Cover Board Sub-assy	01251609	1
6	Motor support 1	01701605	1
7	Motor support 2	01701604	1
8	Fan Motor	150116037	1
9	Front Clapboard Sub-Assy	12318041	1
10	Propeller Housing	12101602	1
11	Air Louver	10511601	2
12	Air Door Lever sub-assy	10581607	1
13	Air Door Lever	10581605	1
14	Swing lever	10581602	2
15	Swing blade Support	10581603	1
16	Synchronous Motor	15211006	1
17	Crank	10561601	1
18	Air Outlet Sub-Assy	01441802	1
19	Centrifugal Fan Sub-Assy	10311501	1
20	Base Plate Of Air Flue	01221602	1
21	Front Clapboard of Propeller housing	01231604	1
22	Evaporator Assy	100129201	1
23	Compressor and fittings	00103702	1
24	4-way Valve Assy	03021019	1
25	Capillary Sub-Assy	03001463	1
26	Water Tray	12411007	1
27	Electric Box Assy	01401917	1
28	Capacitor CBB61	33010037	1
29	Controll Switch	45010325	1
30	Thermostat	45040015	1
31	Base board of defroster	22221601	1
32	Defrosting Pcb	30112005	1
33	Relay	44020333	1
34	Tube sensor	390000631	1
35	Manual Switch	45020104	1
36	Terminal Board	42011251	1
37	Terminal Board	42010157	1
38	Transformer	43110212	1
39	Capacitor CBB65	33000039	1
40	XY Capacitor	33030013	1
41	Relay	44020334	1
42	Control panel (heat pump)	20161502	1
43	Knob Sub-Assy	45031356	2
44	Front Panel Assy	20001445	1
45	Guide blade lever	10581604	1
46	Guide blade	105116021	14
47	Front Case	20001601	1
48	Front panel 2	20001434	1
49	Switch Cover	20161601	1
50	Filter Sub-Assy	11121601	1
51	Power Cord	400204911	1
52	Electric Box	20101236	1
53	Capacitor CBB65	33000039	1
54	Electric Box Cover	20101237	1
55	Soft Start Device	30116042	1
56	Electric Box Sub-Assy	20101238	1
57	Chassis Sub-assy	0120160714	1
58	Chassis clamp	01211601	1
59	Drainage Valve	07100164	1
60	Drainage Box	20181801	1
61	Magnet Coil	430004017	1
62	Cabinet Fastener	26251601	1

7.17 GJC18AC-K3RNB9A



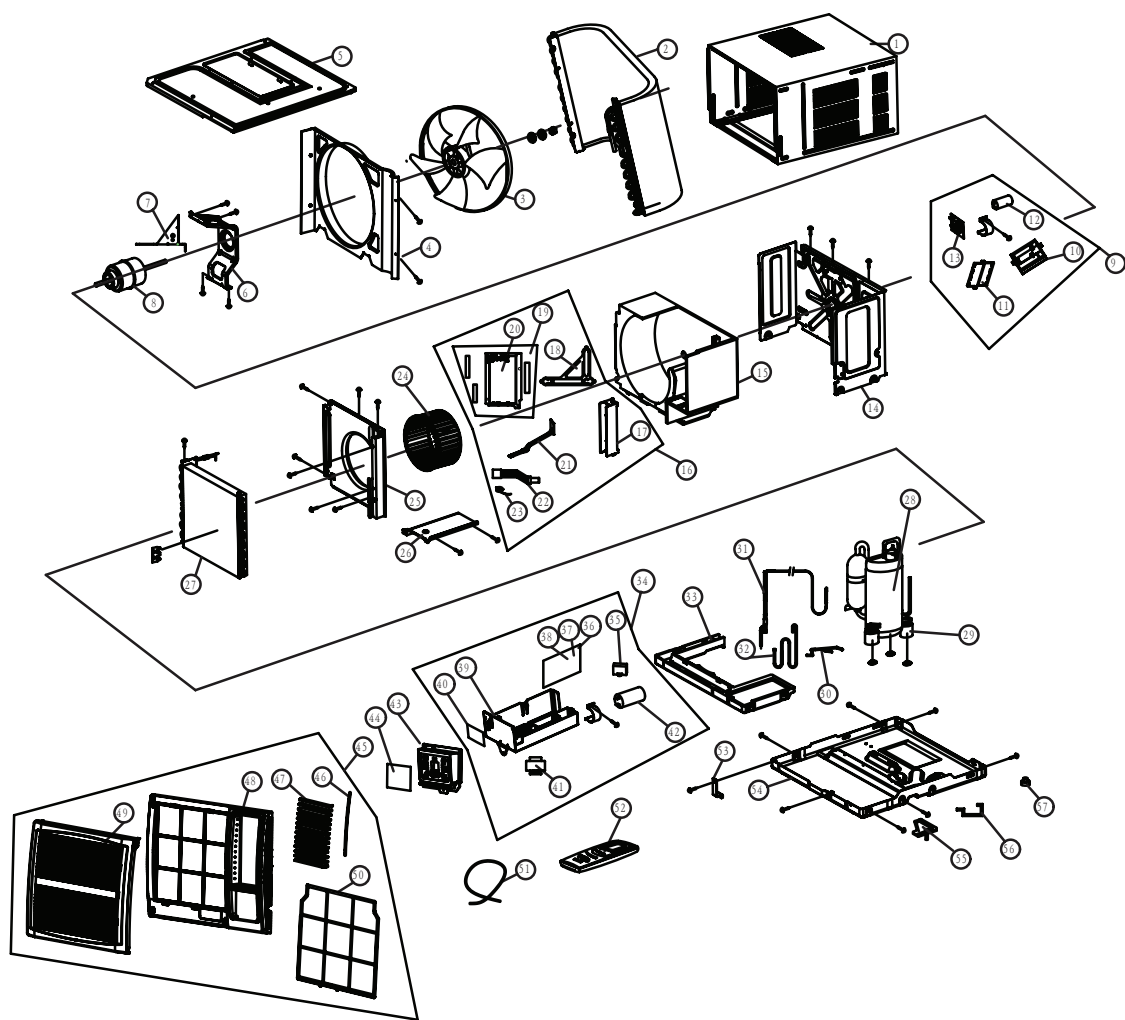
7.18 Parts List

NO.	Description	Product Code	Qty
		GJC18AC-K3RNB9A	
1	Cabinet Assy	014316182	1
2	Condenser Assy	01101340	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231031	1
5	Top Cover Board Sub-assy	01251609	1
6	Motor support 1	01701605	1
7	Motor support 2	01701604	1
8	Fan Motor	15011603	1
9	Front Clapboard Sub-Assy	012318041	1
10	Propeller Housing	12101602	1
11	Air Outlet Sub-Assy	2000103601	1
12	Air Louver	10511601	2
13	Swing lever	10581602	2
14	Swing blade Support Sub-assy	24211027	1
15	Swing blade Support	10581603	1
16	Air Door Lever	10581601	1
17	Crank	73011001	1
18	Step Motor	1521211601	1
19	Centrifugal Fan Sub-Assy	10311501	1
20	Front Clapboard of Propeller housing	01231604	1
21	Base Plate Of Air Flue	01221602	1
22	Evaporator Assy	0100128602	1
23	Compressor and fittings	00103003	1
24	Compressor Gasket	76710202	3
25	Inhalation Tube Sub-Assy	03631449	1
26	Capillary Sub-Assy	03001357	1
27	Discharge Tube	03611462	1
28	Water Tray	12411007	1
29	Electric Box Assy	20101256	1
30	Capacitor CBB61	33010037	1
31	Main Board	30132027	1
32	Tube Sensor	390000596	1
33	Ambient Temperature Sensor	390000451	1
34	Electric Box	20111018	1
35	Display Board	30562019	1
36	Transformer	43110236	1
37	XY Capacitor	33030013	1
38	Capacitor CBB65	33000039	1
39	LCD board(remote control)	20120037	1
40	Membrane	2243113201	1
41	Front Panel Assy	20001441	1
42	Guide blade lever	10581604	1
43	Guide blade	105116021	14
44	Front Case	20001601	1
45	Front panel 2	20001434	1
46	Filter Sub-Assy	11121601	1
47	Power Cord	400204911	1
48	Remote Controller	30511030	1
49	Chassis clamp	01211601	1
50	Chassis Sub-assy	0120160713	1
51	Drainage Box	20181801	1
52	Cabinet Fastener	26251601	1
53	Drainage hole cap	76711012	1



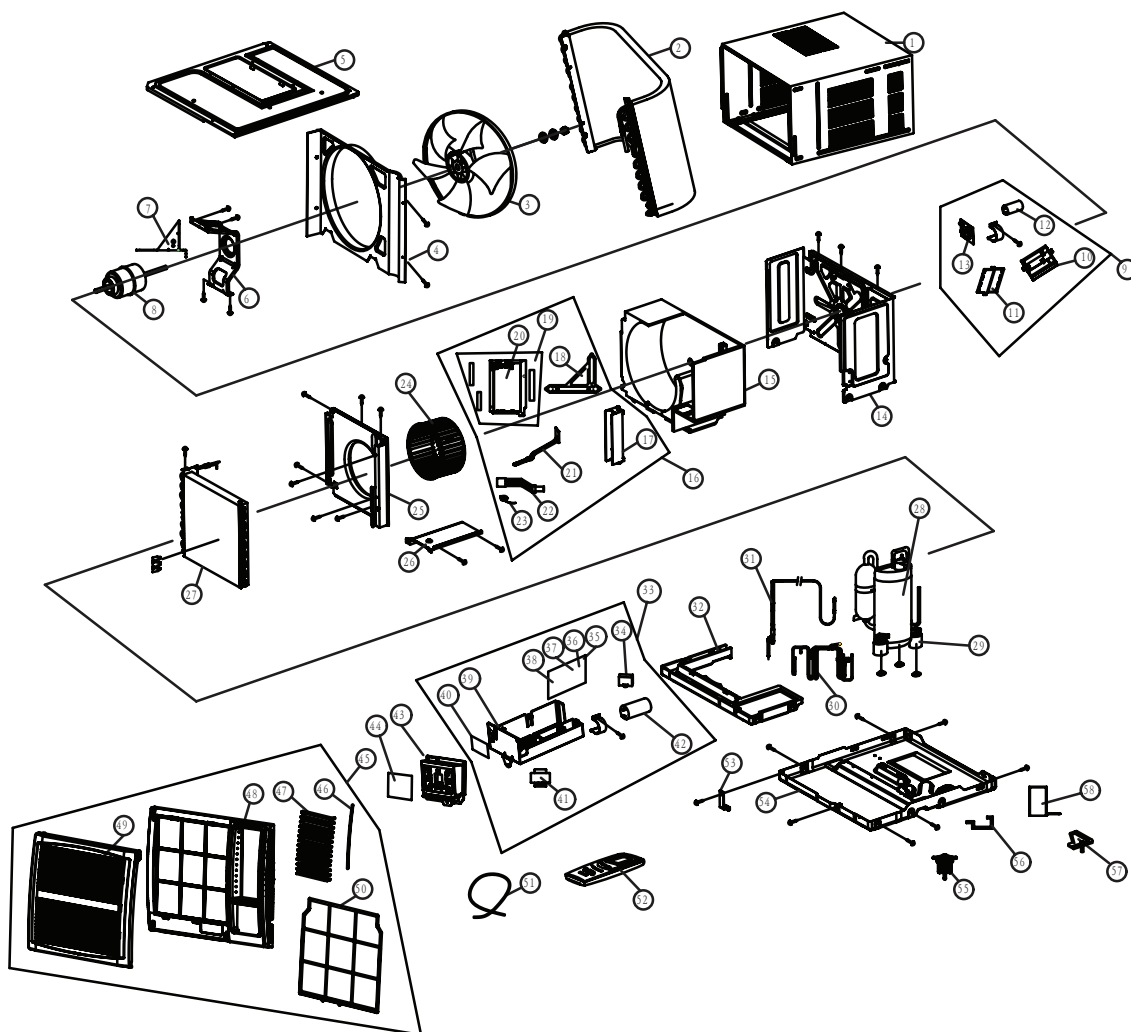
7. 20 Parts List

NO.	Description	Product Code	Qty
		GJH18AC-K3RNB9A	
1	Cabinet Assy	014316182	1
2	Condenser Assy	01101276	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231031	1
5	Top Cover Board Sub-assy	01251609	1
6	Motor support 1	01701605	1
7	Motor support 2	01701604	1
8	Fan Motor	15011603	1
9	Front Clapboard Sub-Assy	012318041	1
10	Propeller Housing	12101602	1
11	Air Outlet Sub-Assy	2000103601	1
12	Air Louver	10511601	2
13	Swing lever	10581602	2
14	Swing blade Support Sub-assy	24211027	1
15	Swing blade Support	10581603	1
16	Air Door Lever	10581601	1
17	Crank	73011001	1
18	Step Motor	1521211601	1
19	Centrifugal Fan Sub-Assy	10311501	1
20	Front Clapboard of Propeller housing	01231604	1
21	Base Plate Of Air Flue	01221602	1
22	Evaporator Assy	01001292	1
23	Compressor and fittings	00103003	1
24	Compressor Gasket	76710202	3
25	4-way Valve Assy	03021019	1
26	Capillary Sub-Assy	03001438	1
27	Water Tray	12411007	1
28	Electric Box Assy	20101274	1
29	Capacitor CBB61	33010037	1
30	Main Board	30132028	1
31	Tube Sensor	390000596	1
32	Ambient Temperature Sensor	390000451	1
33	Temperature Sensor	390000372	1
34	Electric Box	20111018	1
35	Display Board	30562019	1
36	Transformer	43110236	1
37	Capacitor CBB65	33000039	1
38	LCD board(remote control)	20120037	1
39	Membrane	2243113201	1
40	Front Panel Assy	20001441	1
41	Guide blade lever	10581604	1
42	Guide blade	105116021	14
43	Front Case	20001601	1
44	Front panel 2	20001434	1
45	Filter Sub-Assy	11121601	1
46	Power Cord	400204911	1
47	Remote Controller	30511030	1
48	Chassis clamp	01211601	1
49	Chassis Sub-assy	0120160714	1
50	Drainage Valve	07100164	1
51	Cabinet Fastener	26251601	1
52	Drainage Box	20181801	1
53	Magnet Coil	430004017	1



7.22 Parts List

NO.	Description	Product Code	Qty
		GJC24AC-K3RNB9A	
1	Cabinet Assy	014316182	1
2	Condenser Assy	01101017	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231031	1
5	Top Cover Board Sub-assy	01251609	1
6	Motor support 1	01701605	1
7	Motor support 2	01701604	1
8	Fan Motor	150116037	1
9	Electric Box Sub-Assy	20101238	1
10	Electric Box	20101236	1
11	Electric Box Cover	20101237	1
12	Capacitor CBB65	33010603	1
13	Soft Start Device	30116042	1
14	Front Clapboard Sub-Assy	012318041	1
15	Propeller Housing	12101602	1
16	Air Outlet Sub-Assy	2000103601	1
17	Air Louver	10511601	2
18	Swing lever	10581602	2
19	Swing blade Support Sub-assy	24211027	1
20	Swing blade Support	10581603	1
21	Air Door Lever	10581601	1
22	Crank	73011001	1
23	Step Motor	1521211601	1
24	Centrifugal Fan Sub-Assy	10311501	1
25	Front Clapboard of Propeller housing	01231604	1
26	Base Plate Of Air Flue	01221602	1
27	Evaporator Assy	01001291	1
28	Compressor and fittings	00103702	1
29	Compressor Gasket	76710202	3
30	Inhalation Tube Sub-Assy	03631459	1
31	Capillary Sub-Assy	03001440	1
32	Discharge Tube	03611491	1
33	Water Tray	12411007	1
34	Electric Box Assy	20101266	1
35	Capacitor CBB61	33010037	1
36	Main Board	30132037	1
37	Tube Sensor	390000596	1
38	Ambient Temperature Sensor	390000451	1
39	Electric Box	20111018	1
40	Display Board	30562019	1
41	Transformer	43110236	1
42	Capacitor CBB65	33000039	1
43	LCD board(remote control)	20120037	1
44	Membrane	2243113201	1
45	Front Panel Assy	20001441	1
46	Guide blade lever	10581604	1
47	Guide blade	105116021	14
48	Front Case	20001601	1
49	Front panel 2	20001434	1
50	Filter Sub-Assy	11121601	1
51	Power Cord	400204911	1
52	Remote Controller	30511030	1
53	Chassis clamp	01211601	1
54	Chassis Sub-assy	0120160713	1
55	Drainage Box	20181801	1
56	Cabinet Fastener	26251601	1
57	Drainage hole cap	76711012	1



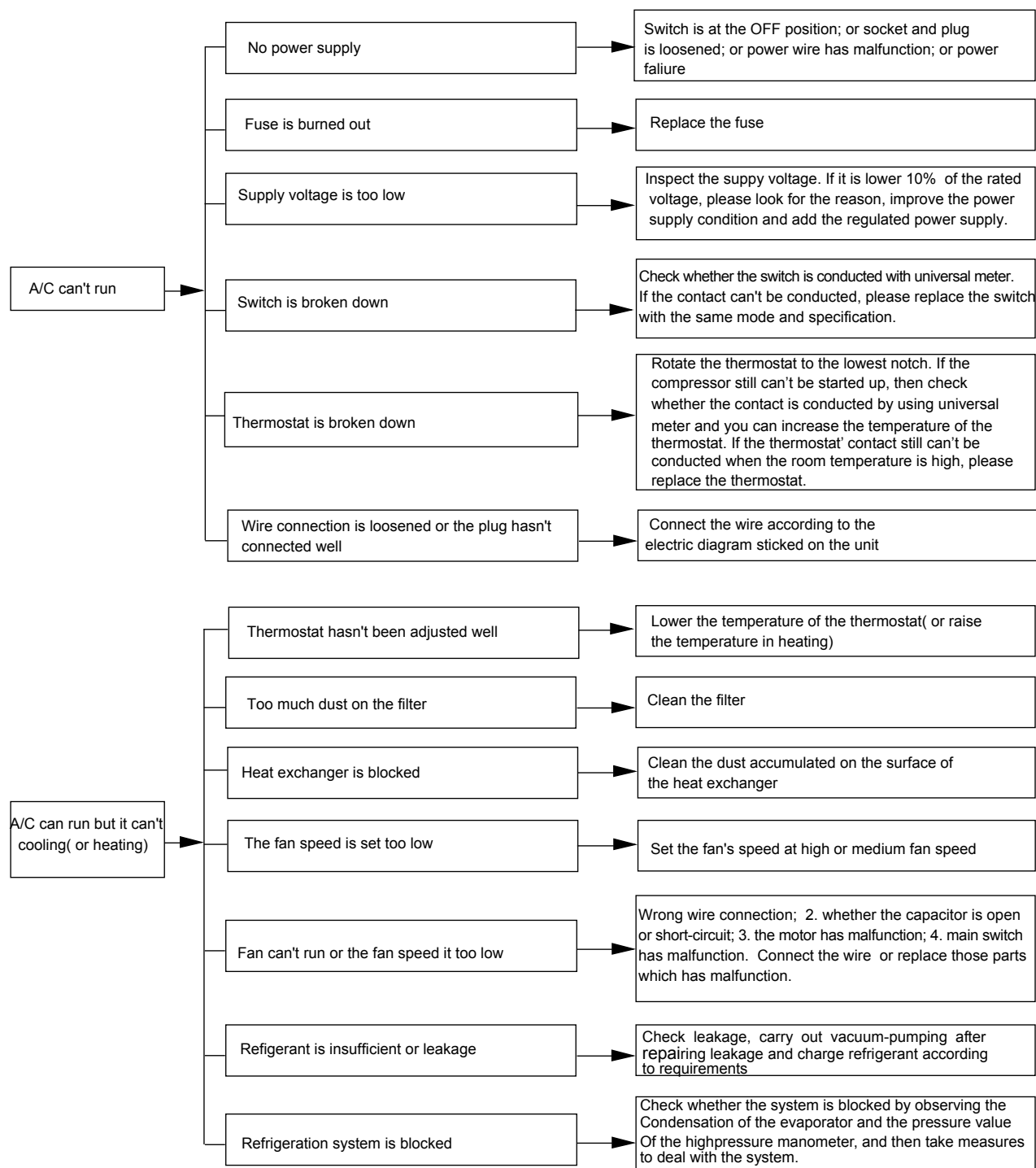
7. 24 Parts List

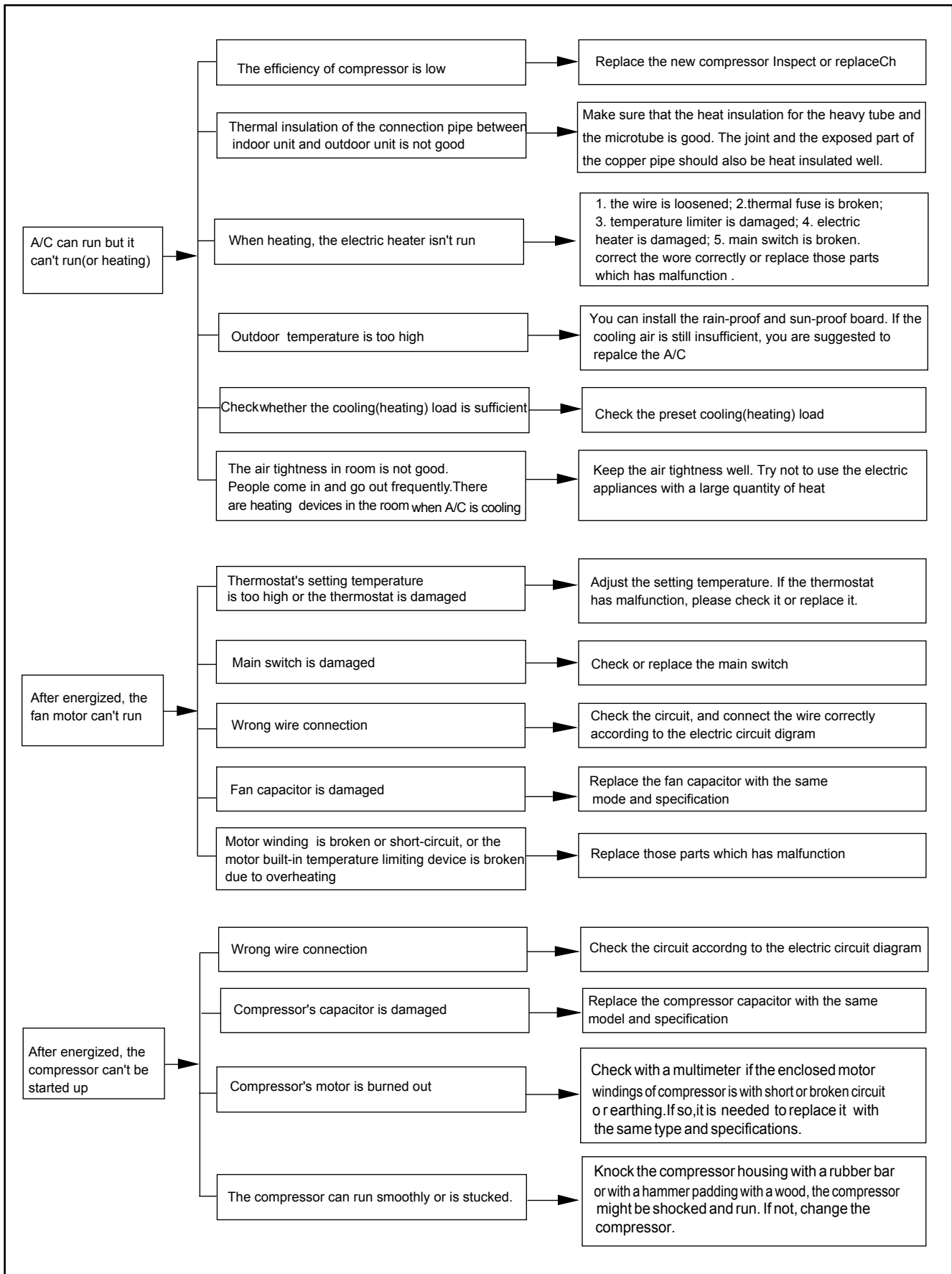
NO.	Description	Product Code	Qty
		GJH24AC-K3RNB9A	
1	Cabinet Assy	014316182	1
2	Condenser Assy	01101276	1
3	Axial Flow Fan Sub-Assy	10331601	1
4	Rear Clapboard	01231031	1
5	Top Cover Board Sub-assy	01251609	1
6	Motor support 1	01701605	1
7	Motor support 2	01701604	1
8	Fan Motor	150116037	1
9	Electric Box Sub-Assy	20101238	1
10	Electric Box	20101236	1
11	Electric Box Cover	20101237	1
12	Capacitor CBB65	33010603	1
13	Soft Start Device	30116042	1
14	Front Clapboard Sub-Assy	012318041	1
15	Propeller Housing	12101602	1
16	Air Outlet Sub-Assy	2000103601	1
17	Air Louver	10511601	2
18	Swing lever	10581602	2
19	Swing blade Support Sub-assy	24211027	1
20	Swing blade Support	10581603	1
21	Air Door Lever	10581601	1
22	Crank	73011001	1
23	Step Motor	1521211601	1
24	Centrifugal Fan Sub-Assy	10311501	1
25	Front Clapboard of Propeller housing	01231604	1
26	Base Plate Of Air Flue	01221602	1
27	Evaporator Assy	01001292	1
28	Compressor and fittings	00103702	1
29	Compressor Gasket	76710202	3
30	4-way Valve Assy	03021019	1
31	Capillary Sub-Assy	03001463	1
32	Water Tray	12411007	1
33	Electric Box Assy	20101275	1
34	Capacitor CBB61	33010037	1
35	Main Board	30132034	1
36	Tube Sensor	390000596	1
37	Ambient Temperature Sensor	390000451	1
38	Temperature Sensor	390000372	1
39	Electric Box	20111018	1
40	Display Board	30562019	1
41	Transformer	43110236	1
42	Capacitor CBB65	33000039	1
43	LCD board(remote control)	20120037	1
44	Membrane	2243113201	1
45	Front Panel Assy	20001441	1
46	Guide blade lever	10581604	1
47	Guide blade	105116021	14
48	Front Case	20001601	1
49	Front panel 2	20001434	1
50	Filter Sub-Assy	11121601	1
51	Power Cord	400204911	1
52	Remote Controller	30511030	1
53	Chassis clamp	01211601	1
54	Chassis Sub-assy	0120160714	1
55	Drainage Valve	07100164	1
56	Cabinet Fastener	26251601	1
57	Drainage Box	20181801	1
58	Magnet Coil	430004017	1

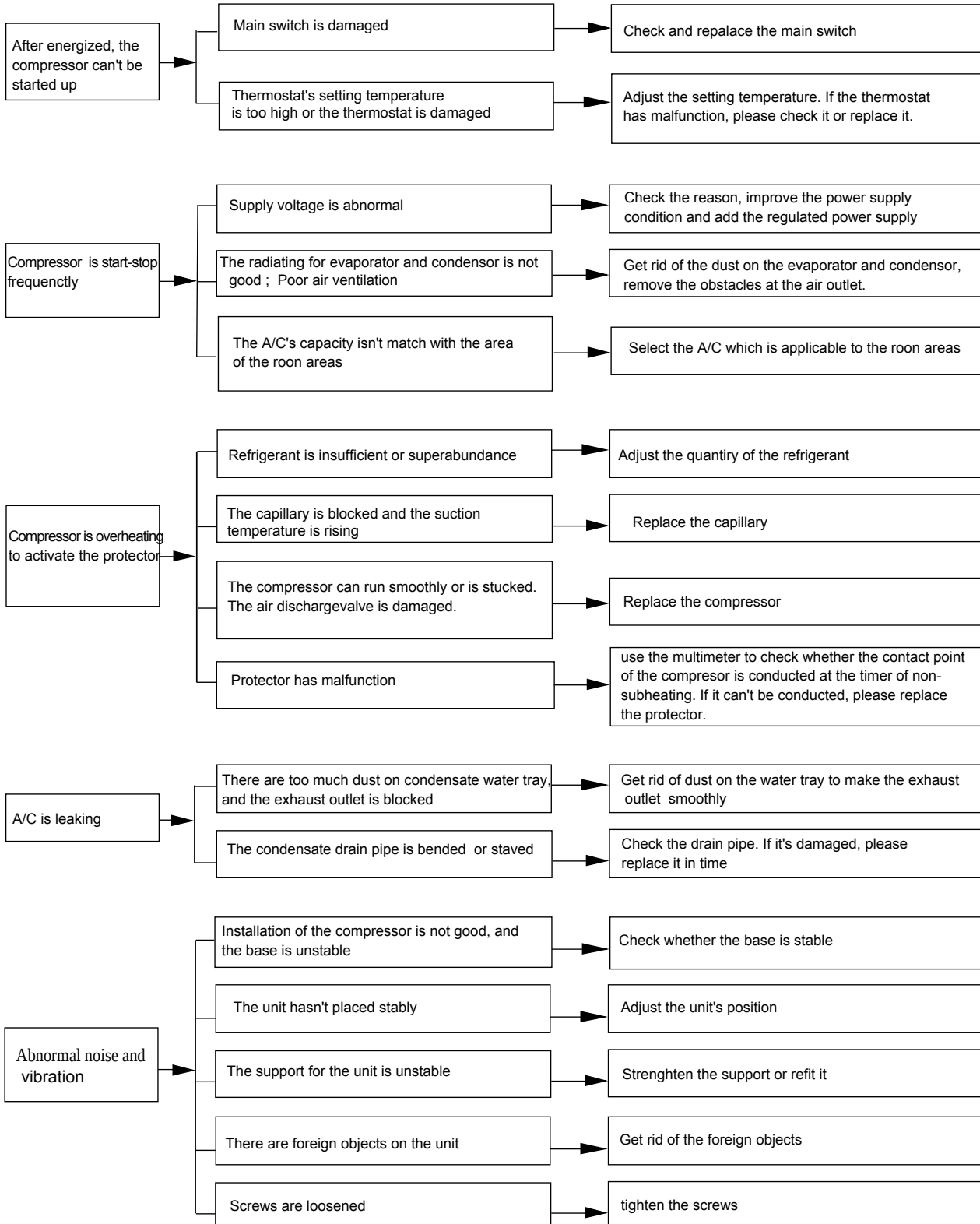
8 Malfunction Analysis

8.1 Malfunction Analysis 1

This malfunction analysis is applicable to (main type) general window type A/C.



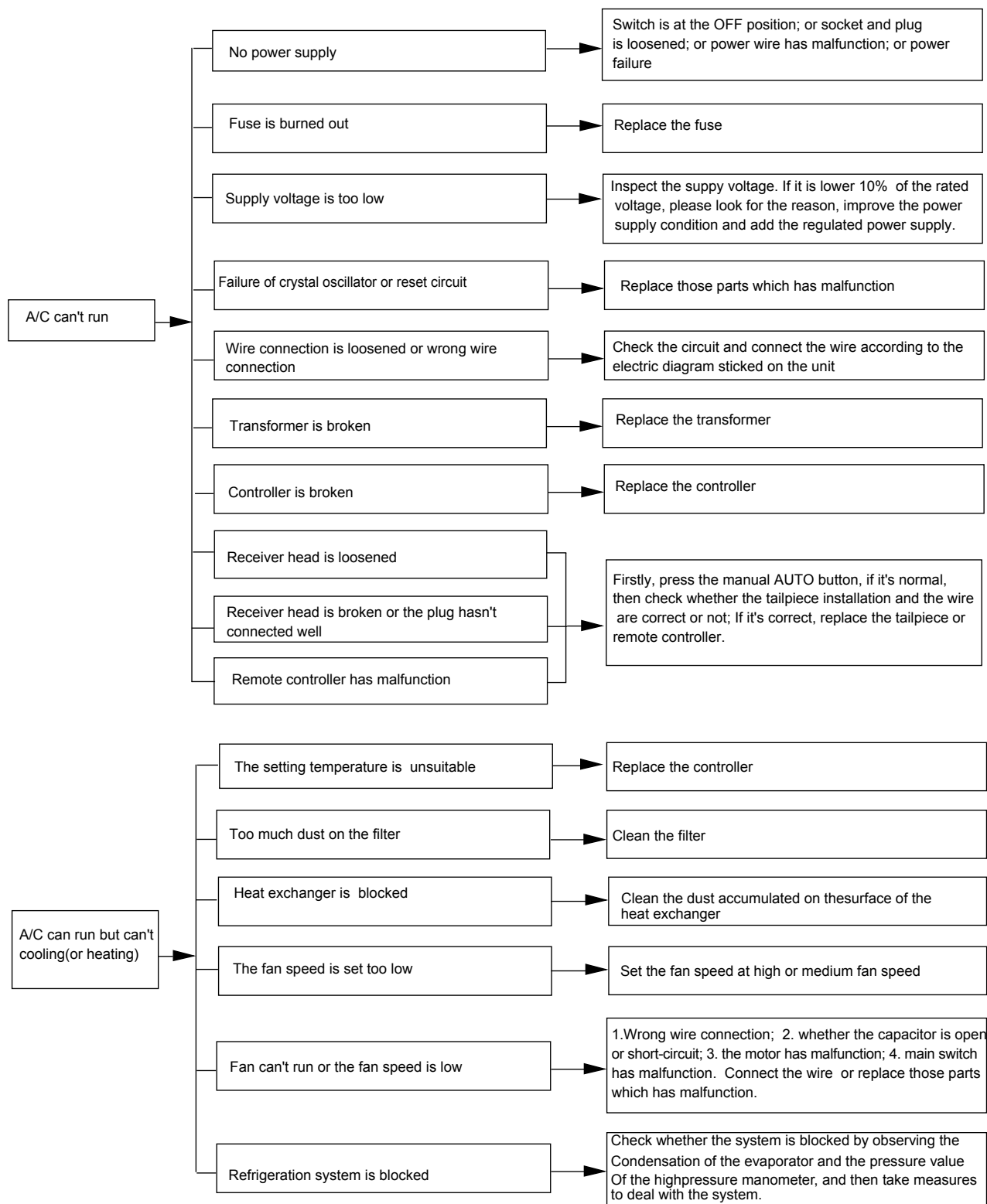


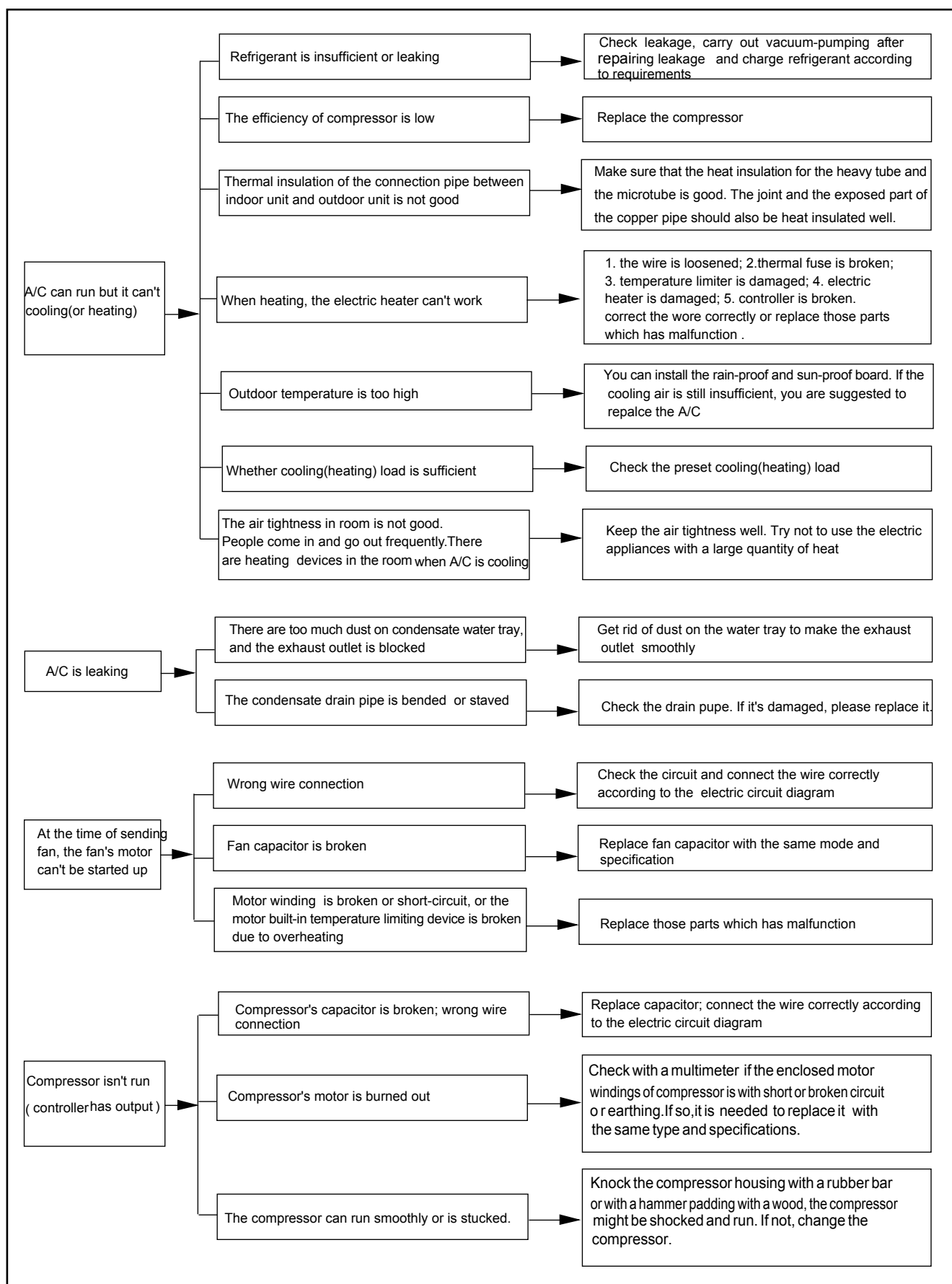


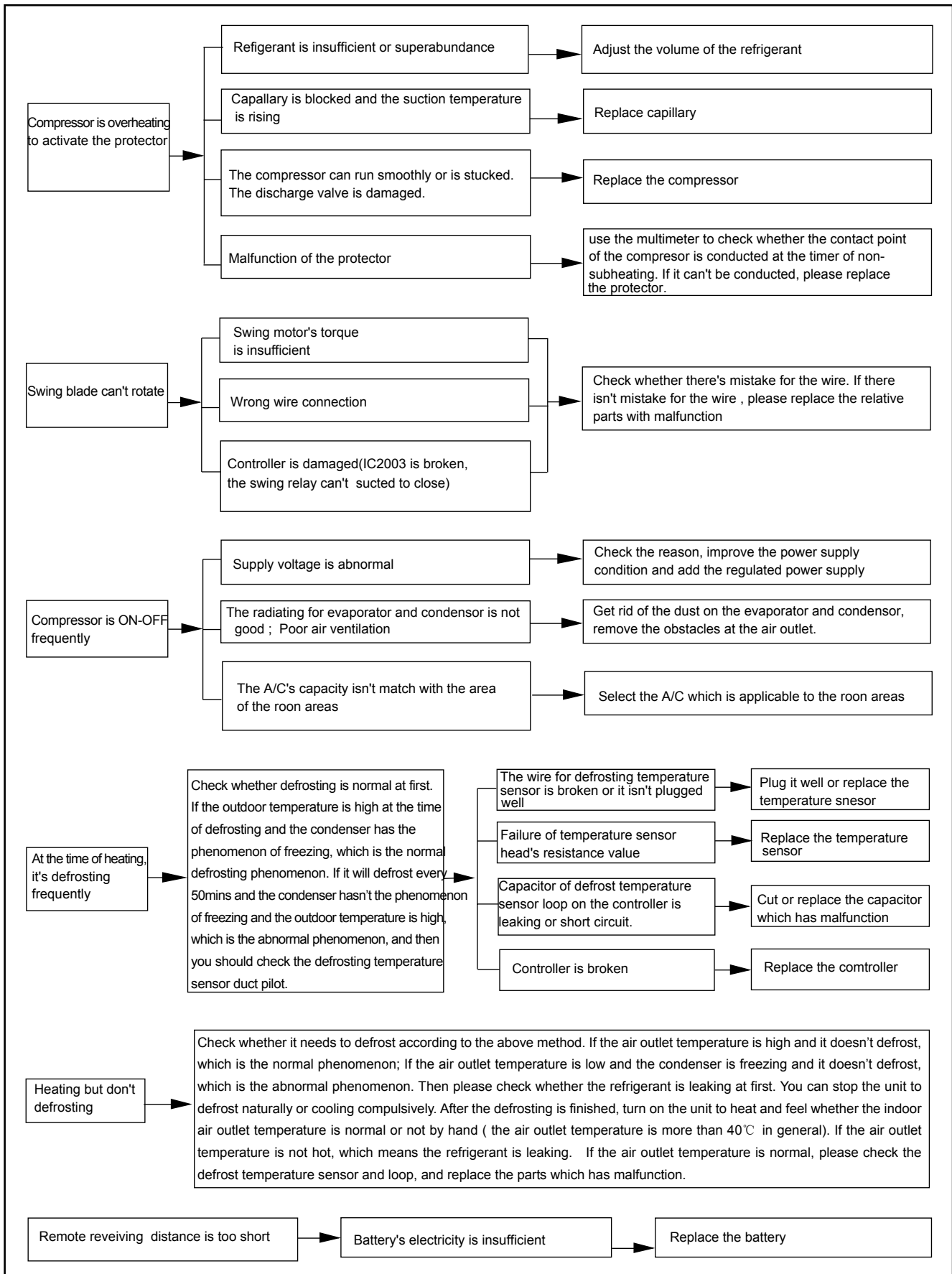
Notice: As for the above malfunction analysis, there aren't malfunction related to heating for cooling only unit.

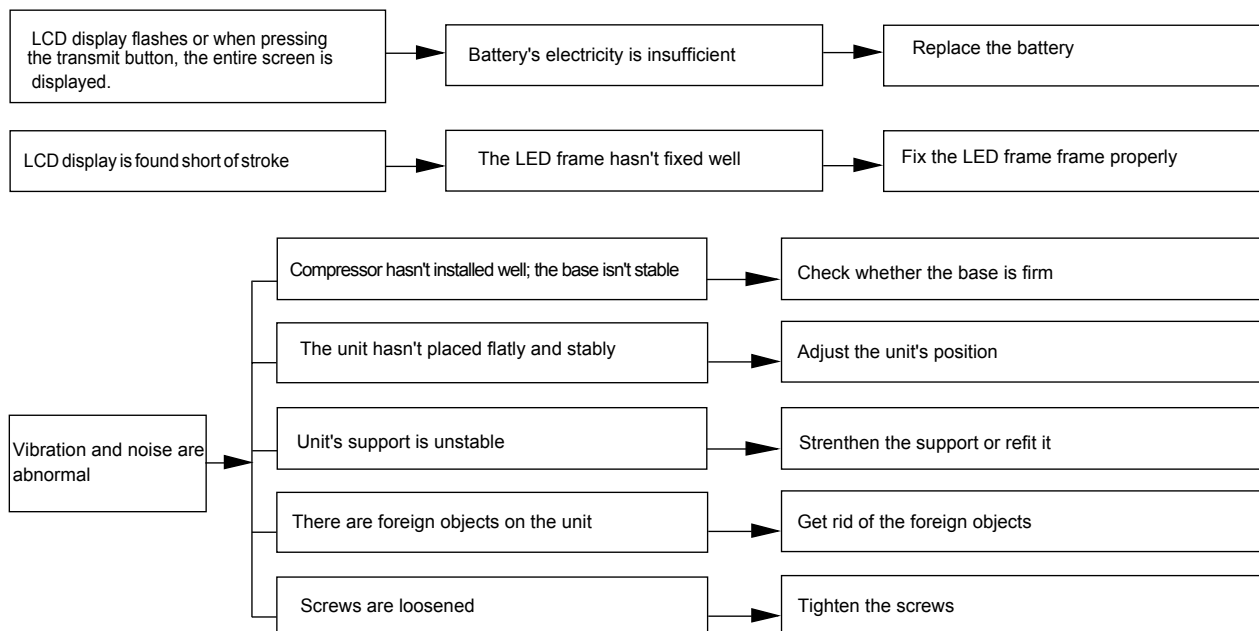
8.2 Malfunction Analysis 2

This malfunction analysis is applicable to (remote control type) general window type A/C.









Notice: As for the above malfunction analysis, there aren't malfunction related to heating for cooling only units.