

Service Manual

Model: GJC07AF-K6RNB3A GJC07AF-K6RNC2A
GJH07AF-K6RNB3A GJH07AF-K6RNC2A
GJC09AF-K6RNB3A GJC09AF-K6RNC2A
GJH09AF-K6RNB3A GJH09AF-K6RNC2A
GJC12AD-K6RNB3A GJC12AD-K6RNC2A
GJH12AD-K6RNB3A GJH12AD-K6RNC2A
GJC18AC-K6RNB3A GJC18AC-K6RNC2A
GJH18AC-K6RNB3A GJH18AC-K6RNC2A
GJC21AC-K6RNB3A GJC21AC-K6RNC2A
GJH21AC-K6RNB3A GJH21AC-K6RNC2A
(Refrigerant R32)

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2. Specifications

Model			GJC07AF-K6RNC2A	GJH07AF-K6RNC2A
Product Code			CC052031000	CC052031100
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling Capacity		W	2200	2200
Heating Capacity		W	/	1900
Cooling Power Input		W	660	660
Heating Power Input		W	/	570
Cooling Current Input		A	2.87	2.87
Heating Current Input		A	/	2.48
Rated Input		W	950	950
Rated Current		A	4.5	4.5
Air Flow Volume(H/M/L)		m ³ /h	480/430/380	480/430/380
Dehumidifying Volume		L/h	0.5	0.5
EER		W/W	3.33	3.33
COP		W/W	/	3.33
Application Area		m ²	7-12	7-12
Climate Type			T1	T1
Isolation			I	I
Moisture Protection			IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Dimension (WXHXD)		mm	560X375X668	560X375X668
Dimension of Carton Box (LXWXH)		mm	763X620X410	763X620X410
Dimension of Package (LXWXH)		mm	766X623X425	766X623X425
Net Weight		kg	39	41
Gross Weight		kg	43	45
Refrigerant			R32	R32
Refrigerant Charge		kg	0.4	0.53
Indoor Side	Fan Type		Centrifugal	Centrifugal
	Fan Diameter Length(DXL)	mm	Φ205.5X111	Φ205.5X111
	Cooling Speed	r/min	930/870/810	930/870/810
	Heating Speed	r/min	/	/
	Fan Motor Power Output	W	60	60
	Fan Motor RLA	A	0.5	0.5
	Fan Motor Capacitor	μF	3.5	3.5
	Electric Heating Power Input	W	/	/
	Evaporator Form		Alumium Tube	Alumium Tube
	Evaporator Pipe Diameter	mm	Φ7	Φ7
	Evaporator Row-fin Gap	mm	3-1.3	3-1.3
	Evaporator Coil Length (LXD _X W)	mm	330X38.1X324	330X38.1X324
	Swing Motor Model		MP24VA	MP24VA
	Swing Motor Power Output	W	1.5	1.5
	Fuse Current	A	3.15	3.15
	Sound Pressure Level (H/M/L)	dB (A)	49/47/45	49/47/45
Sound Power Level (H/M/L)	dB (A)	59/57/55	59/57/55	

Model			GJC07AF-K6RNB3A	GJH07AF-K6RNB3A
Product Code			CC052047300	CC052047500
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling Capacity		W	2200	2200
Heating Capacity		W	/	1900
Cooling Power Input		W	660	660
Heating Power Input		W	/	570
Cooling Current Input		A	2.87	2.87
Heating Current Input		A	/	2.48
Rated Input		W	950	950
Rated Current		A	4.5	4.5
Air Flow Volume(H/M/L)		m ³ /h	480/430/380	480/430/380
Dehumidifying Volume		L/h	0.5	0.5
EER		W/W	3.33	3.33
COP		W/W	/	3.33
Application Area		m ²	7-12	7-12
Climate Type			T1	T1
Isolation			I	I
Moisture Protection			IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Dimension (WXHXD)		mm	560X375X668	560X375X668
Dimension of Carton Box (LXWXH)		mm	763X620X410	763X620X410
Dimension of Package (LXWXH)		mm	766X623X425	766X623X425
Net Weight		kg	41	42
Gross Weight		kg	45	46
Refrigerant			R32	R32
Refrigerant Charge		kg	0.40	0.53
Indoor Side	Fan Type		Centrifugal	Centrifugal
	Fan Diameter Length(DXL)	mm	Φ205.5X111	Φ205.5X111
	Cooling Speed	r/min	930/870/810	930/870/810
	Heating Speed	r/min	/	/
	Fan Motor Power Output	W	60	60
	Fan Motor RLA	A	0.5	0.5
	Fan Motor Capacitor	μF	3.5	3.5
	Electric Heating Power Input	W	/	/
	Evaporator Form		Alumium Tube	Alumium Tube
	Evaporator Pipe Diameter	mm	Φ7	Φ7
	Evaporator Row-fin Gap	mm	3-1.3	3-1.3
	Evaporator Coil Length (LXDXW)	mm	330X38.1X324	330X38.1X324
	Swing Motor Model		MP24VA	MP24VA
	Swing Motor Power Output	W	1.5	1.5
	Fuse Current	A	3.15	3.15
	Sound Pressure Level (H/M/L)	dB (A)	49/47/45	49/47/45
Sound Power Level (H/M/L)	dB (A)	59/57/55	59/57/55	

Model			GJC09AF-K6RNC2A GJC09AF-K6RNB3A	GJH09AF-K6RNC2A
Product Code			CC052031200 CC052047200	CC052031300
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling Capacity		W	2700	2700
Heating Capacity		W	/	2450
Cooling Power Input		W	810	810
Heating Power Input		W	/	740
Cooling Current Input		A	3.52	3.52
Heating Current Input		A	/	3.22
Rated Input		W	1100	1100
Rated Current		A	5	5
Air Flow Volume(H/M/L)		m ³ /h	480/430/380	480/430/380
Dehumidifying Volume		L/h	1	1
EER		W/W	3.33	3.33
COP		W/W	/	3.31
Application Area		m ²	12-18	12-18
Climate Type			T1	T1
Isolation			I	I
Moisture Protection			IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Dimension (WXHXD)		mm	560X375X668	560X375X668
Dimension of Carton Box (LXWXH)		mm	763X620X410	763X620X410
Dimension of Package (LXWXH)		mm	766X623X425	766X623X425
Net Weight		kg	42	44
Gross Weight		kg	46	48
Refrigerant			R32	R32
Refrigerant Charge		kg	0.45	0.53
Indoor Side	Fan Type		Centrifugal	Centrifugal
	Fan Diameter Length(DXL)	mm	Φ205.5X111	Φ205.5X111
	Cooling Speed	r/min	930/870/810	930/870/810
	Heating Speed	r/min	/	/
	Fan Motor Power Output	W	60	60
	Fan Motor RLA	A	0.5	0.5
	Fan Motor Capacitor	μF	3.5	3.5
	Electric Heating Power Input	W	/	/
	Evaporator Form		Alumium Tube	Alumium Tube
	Evaporator Pipe Diameter	mm	Φ7	Φ7
	Evaporator Row-fin Gap	mm	3-1.3	3-1.3
	Evaporator Coil Length (LXDXW)	mm	330X38.1X324	330X38.1X324
	Swing Motor Model		MP24VA	MP24VA
	Swing Motor Power Output	W	1.5	1.5
	Fuse Current	A	3.15	3.15
	Sound Pressure Level (H/M/L)	dB (A)	49/47/45	49/47/45
Sound Power Level (H/M/L)	dB (A)	59/57/55	59/57/55	

Model			GJH09AF-K6RNB3A	GJH12AD-K6RNB3A
Product Code			CC052047000	CC052046900
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling Capacity		W	2700	3900
Heating Capacity		W	2450	3600
Cooling Power Input		W	810	1180
Heating Power Input		W	740	1090
Cooling Current Input		A	3.52	5.13
Heating Current Input		A	3.22	4.74
Rated Input		W	1100	1600
Rated Current		A	5.0	7.5
Air Flow Volume(H/M/L)		m ³ /h	480/430/380	670/620/570
Dehumidifying Volume		L/h	1.0	1.5
EER		W/W	3.33	3.31
COP		W/W	3.31	3.30
Application Area		m ²	12-18	16-24
Climate Type			T1	T1
Isolation			I	I
Moisture Protection			IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Dimension (WXHxD)		mm	560X375X668	660X428X700
Dimension of Carton Box (LXWXH)		mm	763X620X410	790X736X490
Dimension of Package (LXWXH)		mm	766X623X425	793X739X505
Net Weight		kg	43	56
Gross Weight		kg	47	61
Refrigerant			R32	R32
Refrigerant Charge		kg	0.53	0.87
Indoor Side	Fan Type		Centrifugal	Centrifugal
	Fan Diameter Length(DXL)	mm	Φ205.5X111	Φ201.5X109.5
	Cooling Speed	r/min	930/870/810	850/750/650
	Heating Speed	r/min	/	/
	Fan Motor Power Output	W	60	88
	Fan Motor RLA	A	0.50	0.58
	Fan Motor Capacitor	μF	3.5	6.0
	Electric Heating Power Input	W	/	/
	Evaporator Form		Alumium Tube	Alumium Tube
	Evaporator Pipe Diameter	mm	Φ7	Φ7
	Evaporator Row-fin Gap	mm	3-1.3	3-1.6
	Evaporator Coil Length (LXDXW)	mm	330X38.1X324	392X38.1X381
	Swing Motor Model		MP24VA	MP28ED
	Swing Motor Power Output	W	1.5	2.0
	Fuse Current	A	3.15	3.15
	Sound Pressure Level (H/M/L)	dB (A)	49/47/45	53/51/49
	Sound Power Level (H/M/L)	dB (A)	59/57/55	63/61/59

Model			GJC12AD-K6RNC2A GJC12AD-K6RNB3A	GJH12AD-K6RNC2A
Product Code			CC052031400 CC052047100	CC052031500
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling Capacity		W	3900	3900
Heating Capacity		W	/	3600
Cooling Power Input		W	1180	1180
Heating Power Input		W	/	1090
Cooling Current Input		A	5.13	5.13
Heating Current Input		A	/	4.74
Rated Input		W	1600	1600
Rated Current		A	7.5	7.5
Air Flow Volume(H/M/L)		m ³ /h	670/620/570	670/620/570
Dehumidifying Volume		L/h	1.5	1.5
EER		W/W	3.31	3.31
COP		W/W	/	3.30
Application Area		m ²	16-24	16-24
Climate Type			T1	T1
Isolation			I	I
Moisture Protection			IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Dimension (WXHXD)		mm	660X428X700	660X428X700
Dimension of Carton Box (LXWXH)		mm	790X736X490	790X736X490
Dimension of Package (LXWXH)		mm	793X739X505	793X739X505
Net Weight		kg	54	57
Gross Weight		kg	59	62
Refrigerant			R32	R32
Refrigerant Charge		kg	0.55	0.835
Indoor Side	Fan Type		Centrifugal	Centrifugal
	Fan Diameter Length(DXL)	mm	Φ201.5X109.5	Φ201.5X109.5
	Cooling Speed	r/min	850/750/650	850/750/650
	Heating Speed	r/min	/	/
	Fan Motor Power Output	W	88	88
	Fan Motor RLA	A	0.58	0.58
	Fan Motor Capacitor	μF	6	6
	Electric Heating Power Input	W	/	/
	Evaporator Form		Alumium Tube	Alumium Tube
	Evaporator Pipe Diameter	mm	Φ7	Φ7
	Evaporator Row-fin Gap	mm	3-1.6	3-1.6
	Evaporator Coil Length (LXD _X W)	mm	392X38.1X381	392X38.1X381
	Swing Motor Model		MP28ED	MP28ED
	Swing Motor Power Output	W	2	2
	Fuse Current	A	3.15	3.15
	Sound Pressure Level (H/M/L)	dB (A)	50/48/46	50/48/46
Sound Power Level (H/M/L)	dB (A)	60/58/56	60/58/56	

Model			GJC18AC-K6RNC2A GJC18AC-K6RNB3A	GJH18AC-K6RNC2A GJH18AC-K6RNB3A
Product Code			CC052031600 CC052047600	CC052031700 CC052046800
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling Capacity		W	5300	5300
Heating Capacity		W	/	4800
Cooling Power Input		W	1600	1600
Heating Power Input		W	/	1450
Cooling Current Input		A	6.96	6.96
Heating Current Input		A	/	6.3
Rated Input		W	2100	2000
Rated Current		A	10	10
Air Flow Volume(H/M/L)		m ³ /h	950/900/850	950/900/850
Dehumidifying Volume		L/h	2.2	2.2
EER		W/W	3.31	3.31
COP		W/W	/	3.31
Application Area		m ²	23-34	23-34
Climate Type			T1	T1
Isolation			I	I
Moisture Protection			IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Dimension (WXHXD)		mm	660X428X770	660X428X770
Dimension of Carton Box (LXWXH)		mm	860X736X500	860X736X500
Dimension of Package (LXWXH)		mm	863X739X515	863X739X515
Net Weight		kg	64	68
Gross Weight		kg	69	73
Refrigerant			R32	R32
Refrigerant Charge		kg	0.75	1.05
Indoor Side	Fan Type		Centrifugal	Centrifugal
	Fan Diameter Length(DXL)	mm	Φ201.5X109.5	Φ201.5X109.5
	Cooling Speed	r/min	1140/1040/940	1140/1040/940
	Heating Speed	r/min	/	/
	Fan Motor Power Output	W	200	200
	Fan Motor RLA	A	0.8	0.8
	Fan Motor Capacitor	μF	7	7
	Electric Heating Power Input	W	/	/
	Evaporator Form		Alumium Tube	Alumium Tube
	Evaporator Pipe Diameter	mm	Φ7	Φ7
	Evaporator Row-fin Gap	mm	3-1.6	4-1.6
	Evaporator Coil Length (LXDXW)	mm	392X38.1X381	392X50.8X381
	Swing Motor Model		MP28ED	MP28ED
	Swing Motor Power Output	W	2	2
	Fuse Current	A	3.15	3.15
	Sound Pressure Level (H/M/L)	dB (A)	55/53/51	55/53/51
Sound Power Level (H/M/L)	dB (A)	65/63/61	65/63/61	

Model			GJC21AC-K6RNC2A GJC21AC-K6RNB3A	GJH21AC-K6RNC2A GJH21AC-K6RNB3A
Product Code			CC052031800 CC052047700	CC052031900 CC052046700
Power Supply	Rated Voltage	V~	220-240	220-240
	Rated Frequency	Hz	50	50
	Phases		1	1
Cooling Capacity		W	6000	6000
Heating Capacity		W	/	5500
Cooling Power Input		W	1810	1810
Heating Power Input		W	/	1690
Cooling Current Input		A	7.87	7.87
Heating Current Input		A	/	7.35
Rated Input		W	2400	2500
Rated Current		A	11.5	13.0
Air Flow Volume(H/M/L)		m ³ /h	900/850/800	900/850/800
Dehumidifying Volume		L/h	2.2	2.2
EER		W/W	3.31	3.31
COP		W/W	/	3.25
Application Area		m ²	27-42	27-42
Climate Type			T1	T1
Isolation			I	I
Moisture Protection			IP24	IP24
Permissible Excessive Operating Pressure for the Discharge Side		MPa	4.3	4.3
Permissible Excessive Operating Pressure for the Suction Side		MPa	2.5	2.5
Dimension (WXHDXD)		mm	660X428X770	660X428X770
Dimension of Carton Box (LXWXH)		mm	860X736X500	860X736X500
Dimension of Package (LXWXH)		mm	863X739X515	863X739X515
Net Weight		kg	65	68
Gross Weight		kg	70	73
Refrigerant			R32	R32
Refrigerant Charge		kg	0.8	1.05
Indoor Side	Fan Type		Centrifugal	Centrifugal
	Fan Diameter Length(DXL)	mm	Φ201.5X109.5	Φ201.5X109.5
	Cooling Speed	r/min	1140/1040/940	1140/1040/940
	Heating Speed	r/min	/	/
	Fan Motor Power Output	W	200	200
	Fan Motor RLA	A	0.8	0.8
	Fan Motor Capacitor	μF	7	7
	Electric Heating Power Input	W	/	/
	Evaporator Form		Alumium Tube	Alumium Tube
	Evaporator Pipe Diameter	mm	Φ7	Φ7
	Evaporator Row-fin Gap	mm	3-1.6	4-1.6
	Evaporator Coil Length (LXDXW)	mm	392X38.1X381	392X38.1X381
	Swing Motor Model		MP28ED	MP28ED
	Swing Motor Power Output	W	2	2
	Fuse Current	A	3.15	3.15
	Sound Pressure Level (H/M/L)	dB (A)	56/54/52	56/54/52
Sound Power Level (H/M/L)	dB (A)	66/64/62	66/64/62	



Remote control

+

+ 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.

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, 0.5hour will be increased or decreased, but continuously press the + or - button, 2 seconds later, the value will be changed quickly, 0.5hour 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 Tmer, please adslut the clock to the current actual time.



SWING BUTTON


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

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.

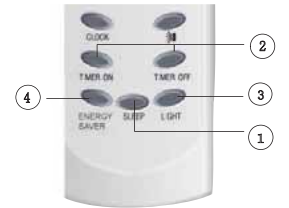
■ Guide for operation- general operation

1. After powered on, press ON/OFF button, the unit will start to run. (Note: When it is powered off the guide louver of main unit will close automatically.)
2. Press MODE button, select desired running mode.
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 operation 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

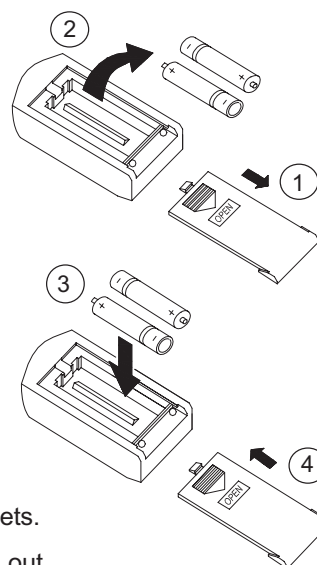
1. It indicates: after starting this function by remote controller and the unit has been under defrost status, if turn off the unit by remote controller, the unit will not stop defrosting until it is finished; if change setting mode by remote controller, the function, which is set last time, won't be carried out until defrosting finished.
2. 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.
3. 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.



Sketch map for changing batteries

6.3 Function Introduction

1 Basic Function

1.1 Cooling mode

1.1.1 Cooling condition and process

- When $T_{\text{indoor amb.}} \geq T_{\text{preset}} + 1^{\circ}\text{C}$ (2°F), the unit operates in cooling mode. Meanwhile, compressor and outdoor fan operate and indoor fan operates at set fan speed.
- When $T_{\text{indoor amb.}} \leq T_{\text{preset}} - 1^{\circ}\text{C}$ (2°F), compressor and outdoor fan stop operation, while indoor fan operates at set fan speed.
- When $T_{\text{preset}} - 1^{\circ}\text{C}$ (2°F) $< T_{\text{indoor amb.}} < T_{\text{preset}} + 1^{\circ}\text{C}$ (2°F), the unit keeps original operation status.

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

1.2 Dry Mode

Dry Conditions and Process

- When $T_{\text{amb.}} > T_{\text{preset}} + 2^{\circ}\text{C}$ (4°F), the unit will operate in Cool mode, and the fan will run at low speed.
- When $T_{\text{preset}} - 2^{\circ}\text{C}$ (4°F) $\leq T_{\text{amb.}} \leq T_{\text{preset}} + 2^{\circ}\text{C}$ (4°F), the unit will operate in Dry mode. In that case, the indoor fan will operate at low speed. The compressor and the outdoor fan will stop for 6 min and operate for 4min circularly.
- When $T_{\text{amb.}} < T_{\text{preset}} - 4^{\circ}\text{C}$ (2°C), the compressor will stop working and the fan will operate at low speed.

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

1.3 Energy saving mode

1.3.1 Drying condition and process

- When $T_{\text{indoor amb.}} \geq T_{\text{preset}} + 1^{\circ}\text{C}$ (2°F) the compressor will be turned on and the fan will run at set fan speed.
- When $T_{\text{indoor amb.}} \leq T_{\text{preset}} - 1^{\circ}\text{C}$ (2°F), the compressor will stop operation and the indoor fan will also stop operation after operating at set fan speed for 60s.
- When $T_{\text{preset}} - 1^{\circ}\text{C}$ (2°F) $< T_{\text{indoor amb.}} < T_{\text{preset}} + 1^{\circ}\text{C}$ (2°F), the unit will keep previous operation status.

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

1.4 Heating mode

1.4.1 When $T_{\text{indoor amb.}} \leq T_{\text{preset}} + 1^{\circ}\text{C}$ (2°F), the unit will operate at heating mode. Meanwhile, 4-way valve and compressor will operate. Fan will operate at cold air prevention condition;

1.4.2 When $T_{\text{indoor amb.}} \geq T_{\text{preset}} + 3^{\circ}\text{C}$ (6°F), compressor will stop operation while 4-way valve will be energized. Fan will operate at blowing residual heat mode.

1.4.3 When $T_{\text{preset}} + 1^{\circ}\text{C} < T_{\text{indoor amb.}} < T_{\text{preset}} + 3^{\circ}\text{C}$ (6°C) the unit will keep its previous operation status;

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

1.5 Fan mode

- In this mode, compressor and electric heating pipe will stop operation and fan will operate at set speed.
- In this mode, the set temperature range is $16 \sim 30^{\circ}\text{C}$ ($61 \sim 86^{\circ}\text{F}$).

1.6. Auto Mode

Working conditions and process

- When $T_{\text{amb.}} \geq 26^{\circ}\text{C}$ (79°F), the unit will operate in Cool mode. $T_{\text{preset}} = 25^{\circ}\text{C}$ (77°F)
- When $T_{\text{amb.}} \leq 22^{\circ}\text{C}$ (72°F), the heat pump unit will operate at heating mode and the cooling only unit will operate at fan mode; $T_{\text{preset}} = 20^{\circ}\text{C}$ (68°F);
- When 22°C (72°F) $< T_{\text{amb.}} < 26^{\circ}\text{C}$ (79°F), the unit will maintain its previous running state. But if the unit is energized for the first time, it will operate at fan mode.

2. Other function

2.1 Swing

When the fan operates, if swing is set, the swing motor will operate; When swing stops, the louver will stop in the position at that time.

2.2 Buzzer

Upon energization or operation, the buzzer will give out sound.

2.3 Sleep function

- In Cool, Energy-saving or Dry mode, 1 hour after setting Sleep function, T_{preset} will increase 1°C (2°F); 2hours later, T_{preset} will not increase 2°C (4°F) totally. Then, the setting temperature will not change, but the upper limit of setting temperature is 30°C (86°F).
- In heat mode, 1 hour after setting Sleep function, T_{preset} will decrease 1°C (2°F); 2hours later, T_{preset} will not decrease 2°C (4°F) totally. Then the setting temperature will not change, but the lower limit of setting temperature is 16°C (61°F).
- In Auto and Fan mode, there is no Sleep function.
- If Sleep function has been set, the mode change will cancel the Sleep function.

2.4 Auto fan speed

- Auto fan speed under heating mode or auto fan mode: $T_{amb} \leq T_{preset} - 2^{\circ}\text{C}$ (4°F) High speed; $T_{preset} - 2^{\circ}\text{C}$ (4°F) $< T_{amb} < T_{preset}$ Medium speed; $T_{amb} \geq T_{preset}$ Low speed;
- Auto fan speed under cooling mode $T_{amb} \geq T_{preset} + 2^{\circ}\text{C}$ (4°F) High speed; $T_{preset} < T_{amb} < T_{preset} + 2^{\circ}\text{C}$ (4°F) Medium speed; $T_{amb} \leq T_{preset}$ Low speed;
- Auto fan speed under energy saving mode or fan mode is as that under cooling mode.
- If under dry mode, the auto fan speed will be always low speed. Only LED lamp for low speed is on.

2.5 Alarm for Cleaning Filter

After the cumulative running of fan reaches 250h, the LED lamp of cleaning filter is on to remind customer of cleaning filter.

2.6 Timer Function

- Timer on: it can be set when the unit is turned off. Set time range of timer is 0.5h~24h. The interval of each setting is 0.5h. When timer on is reached, the unit will operate at set mode.
- Timer off: it can be set when the unit is operating. Set time range of timer is 0.5h~24h. The interval of each setting is 0.5h. When timer off is reached, the unit will be turned off.

2.7 Memory Function

When the unit is energized again after power failure, it will resume the previous operation status. If the unit is operating when power failure occurs, the compressor will be started up in 3 min later as the unit is energized again.

2.8 LED lamp, "Dual 8" NixieTube

- When the unit is operating in cooling mode, LED lamp of cooling will be on.
- When the unit is operating in fan mode, LED lamp of fan mode will be on and "dual 8" nixie tube will display ambient temperature. The temperature can't be adjusted.
- When the unit is operating at energy-saving mode, there is no LED lamp that will be on and "dual 8" nixie tube will display ambient temperature. The temperature can be adjusted.
- Under fan mode, the LED lamp for fan mode will be on while under dry mode, the LED lamp for dry mode will be on.
- When fan speed is low, medium or high, the corresponding LED lamp (indicating low, medium or high speed) will be on. If it is auto fan speed, the LED lamp of auto fan speed will be on.
- When timer is set, the LED lamp of timer will be on. When the unit is under heating mode, the LED lamp for heating mode will be on.

2.9 Set Temperature

- The temperature can be set by button "UP/DOWN" and the set temperature will be displayed on nixie tube. If pressing "UP/DOWN" button for long time, the set temperature will be increased rapidly.
- $^{\circ}\text{C}$ or $^{\circ}\text{F}$ can be switched on nixie tube by pressing buttons "UP" and "down" simultaneously for 3 seconds.

2.10 Button

- ON/OFF button is used for turning on or turning off the unit. When the unit is turned off, press this button to turn on the unit; when the unit is turned on, press this button to turn off the unit.
- SWING button is used for controlling swing function. If swing function is set, press this button to turn it off. If it is not set, press this button to turn it on.
- FANSPEED button is used for adjusting fan speed. The fan speed will be circulated according to the sequence of AUTO FAN, FANL, FANM, FANH, ATUO FAN.
- UP, DOWN buttons are used for increasing and decreasing temperature and timer.
- Mode button is used for mode switching. For heat pump unit, Mode will be circulated according to sequence of AUTO, COOL, DRY, FAN, HEAT; The HEAT mode signal will be ineffective for cooling only unit and mode will be circulated according to the sequence of AUTO, COOL, DRY, FAN.
- Energy-saving mode can only be set by the energy-saving button on remote controller.
- Sleep function can only be set by the Sleep button on remote controller.

3. Protection Function

3.1 Freeze Protection

When the unit operates at cooling mode, if freeze protection is detected, the compressor will stop operation and indoor fan will operate at set speed. When freeze protection is removed, the unit will resume previous operation after 3 minutes later.

3.2 Defrosting

When the unit starts defrosting, "H1" is displayed and LED lamp for heating will be off for 3s and blinks once.

3.3 Detection of temperature sensor malfunction

- The ambient temperature sensor is open or short circuit: dual-8 displays F1, the cooling indicator lamp pauses 3s and blinks 1 time; it is on 0.5s and off 0.5s during blinking.
- The tube temperature sensor is open or short circuit: dual-8 displays F2, the cooling indicator lamp pauses 3s and blinks 2 times; it is on 0.5s and off 0.5s during blinking.
- If malfunctions happened together, the malfunction protection code will be circularly displayed by rotary method.
- If there is malfunction for temperature sensor, when the unit is on, the compressor or electric heating pipe will stop operation, the fan will stop when the compressor or electric pipe reaches the temperature point.

● The Refrigerant

- To realize the function of the air conditioner unit, a special refrigerant circulates in the system. The used refrigerant is the fluoride R32, which is specially cleaned. The refrigerant is flammable and odorless. Furthermore, it can lead to explosion under certain conditions. But the flammability of the refrigerant is very low. It can be ignited only by fire.
- Compared to common refrigerants, R32 is a nonpolluting refrigerant with no harm to the ozone layer. The influence upon the greenhouse effect is also lower. R32 has got very good thermodynamic features which lead to a really high energy efficiency. The units therefore need a less filling.

WARNING :

Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer. Should repair be necessary, contact your nearest authorized Service Centre. Any repairs carried out by unqualified personnel may be dangerous. The appliance shall be stored in a room without continuously operating ignition sources. (for example: open flames, an operating gas appliance or an operating electric heater.)

Do not pierce or burn.

Appliance shall be installed, operated and stored in a room with a floor area larger than 4 m²

Appliance filled with flammable gas R32. For repairs, strictly follow manufacturer's instructions only.

Be aware that refrigerants do not contain odour.

Read specialist's manual.



Appliance filled with flammable gas R32.



Before use the appliance, read the owner's manual first.



Before install the appliance, read the installation manual first.



Before repair the appliance, read the service manual first.

NOTE:

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

● Safety Operation of Flammable Refrigerant

● Qualification requirement for installation and maintenance man

1. All the work men who are engaging in the refrigeration system should bear the valid certification awarded by the authoritative organization and the qualification for dealing with the refrigeration system recognized by this industry. If it needs other technician to maintain and repair the appliance, they should be supervised by the person who bears the qualification for using the flammable refrigerant.
2. It can only be repaired by the method suggested by the equipment's manufacturer.

● Installation notes

1. The air conditioner is not allowed to use in a room that has running fire (such as fire source, working coal gas ware, operating heater).
2. The air conditioner must be installed in a room that is larger than the minimum room area. The minimum room area is shown on the nameplate or following table.
3. Leak test is a must after installation.

8. Installation

8.1 Selection of Installation Location

1. Basic requirement

Installing the unit in the following places may cause malfunction. If it is unavoidable, please consult the local dealer:

- (1) The place with strong heat sources, vapors, flammable or explosive gas, or volatile objects spread in the air.
- (2) The place with high-frequency devices (such as welding machine, medical equipment).
- (3) The place near coast area.
- (4) The place with oil or fumes in the air.
- (5) The place with sulfureted gas.
- (6) Other places with special circumstances.

2. Requirement of complete unit

- (1) There should be no obstruction near air inlet and air outlet.
- (2) Select a location where the condensation water can be dispersed easily and won't affect other people.
- (3) The location should be able to withstand the weight of indoor unit and won't increase noise and vibration.
- (4) Select a location where the noise and outflow air emitted by the outdoor unit will not affect neighborhood.
- (5) The location should be able to withstand the weight of unit.
- (6) Select a location which is out of reach for children and far away from animals or plants. If it is unavoidable, please add fence for safety purpose.
- (7) Please try your best to keep far away from fluorescent lamp.

8.2 Electric Connection Requirement

1. Safety precaution

- (1) Must follow the electric safety regulations when installing the unit.
- (2) According to the local safety regulations, use qualified power supply circuit and air switch.
- (3) Make sure the power supply matches with the requirement of air conditioner. Unstable power supply or incorrect wiring may result in electric shock, fire hazard or malfunction.
- (4) For appliances with type Y attachment, the instructions shall contain the substance of the following. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- (5) Properly connect the live wire, neutral wire and grounding wire of power socket.
- (6) Be sure to cut off the power supply before proceeding any work related to electricity and safety.
- (7) Do not put through the power before finishing installation.

2. Grounding requirement

- (1) The air conditioner is first class electric appliance. It must be properly grounding with specialized grounding device by a professional. Please make sure it is always grounded effectively, otherwise it may cause electric shock.
- (2) The yellow-green wire or green wire in air conditioner is grounding wire, which can't be used for other purposes.
- (3) The grounding resistance should comply with national electric safety regulations.

9.Maintenance

Maintenance Method for Normal Malfunction

1. Air Conditioner Can't be Started Up

Possible Causes	Discriminating Method (Air conditioner Status)	Troubleshooting
No power supply, or poor connection for power plug	After energization, operation indicator isn't bright and the buzzer can't give out sound	Confirm whether it's due to power failure. If yes, wait for power recovery. If not, check power supply circuit and make sure the power plug is connected well.
Poor connection for wiring terminals	Under normal power supply circumstances, operation indicator isn't bright after energization	Check the circuit according to circuit diagram and connect wires correctly. Make sure all wiring terminals are connected firmly.
Electric leakage for air conditioner	After energization, room circuit breaker trips off at once	1.Make sure the air conditioner is grounded reliably. 2.Make sure wires of air conditioner is connected correctly. 3.Check the wiring inside air conditioner. Check whether the insulation layer of power cord is damaged; if yes, place the power cord.
Model selection for air switch is improper	After energization, air switch trips off	Select proper air switch
Malfunction of remote controller	After energization, operation indicator is bright, while no display on remote controller or buttons have no action.	1.Replace batteries for remote controller. 2.Repair or replace remote controller.

2.Poor Cooling for Air Conditioner

Possible Causes	Discriminating Method (Air conditioner Status)	Troubleshooting
Set temperature is improper	Observe the set temperature on remote controller or Membrane	Adjust the set temperature.
Rotation speed is set too low	Small wind blow	Set the fan speed at high or medium.
Filter is blocked	Check the filter to see it's blocked	Clean the filter.
Installation position for unit is improper	Check whether the installation position is proper according to installation requirement for air conditioner	Adjust the installation position.
Refrigerant is leaking	Discharged air temperature during cooling is higher than normal discharged wind temperature; Discharged air temperature during heating is lower than normal discharged wind temperature; Unit's pressure is much lower than regulated range	Find out the leakage causes and deal with it. Add refrigerant.
Malfunction of capillary	Discharged air temperature during cooling is higher than normal discharged wind temperature; Discharged air temperature during heating is lower than normal discharged wind temperature; Unit's pressure is much lower than regulated range. If refrigerant isn't leaking, part of capillary is blocked	Replace the capillary.
Malfunction of fan motor	The fan motor can't operate	Refer to point 4 of maintenance method for details.
Malfunction of compressor	Compressor can't operate	Refer to point 5 of maintenance method for details.

3.Poor Heating for Electric Heater

Possible Causes	Discriminating Method (Air conditioner Status)	Troubleshooting
Electric heating relay on main board is damaged	Even heating condition is satisfied, electric heater can't be started up under heating mode	Replace the main board with the same model.
Connection needle stand between main board and display board is loose	Even heating condition is satisfied, electric heater can't be started up under heating mode	Insert the needle stand tightly.
Set temperature and ambient temperature are almost the same	Poor heating effect	Increase the set temperature.

Tube temperature protection	When ambient temperature is high, the detected temperature by indoor tube temperature sensor is high. The detected temperature by temperature sensor at air outlet is also high	Increase the set fan speed. When indoor tube temperature decreases to a certain value, it will resume automatically.
Protection of temperature limiter	Check whether the air inlet is blocked by curtains, clothes, etc.	Clean the filter. Move curtains, clothes and other obstacles.
Malfunction of temperature limiter	When turning on the unit, the heating effect is poor. Use universal meter to measure the two contact points of temperature limiter. If the resistance value is too big, the temperature limiter is damaged	Replace the temperature limiter.
Thermal fuse is burnt out	When turning on the unit, the heating effect is poor. Use universal meter to measure the two contact points of temperature limiter. If the resistance value is too big, the temperature limiter is damaged	Replace the thermal fuse.

4.Fan Motor Can't Operate

Possible Causes	Discriminating Method (Air conditioner Status)	Troubleshooting
Wrong wire connection, or poor connection	Check the wiring status according to circuit diagram	Connect wires according to wiring diagram to make sure all wiring terminals are connected firmly.
Connection needle stand between main board and display board is loose	Check whether the needle stand is loose	Insert the needle stand tightly.
Fan capacitor is damaged	1. Discharge the capacitor at first, and then use universal meter to measure the resistance of fan capacitor. It displays 0 or very small 2. If the resistance is very big, measure the voltage at both ends of capacitor. If the voltage at both ends of capacitor is same with the power input voltage, the fan capacitor is damaged	Replace fan capacitor.
Power voltage is a little low or high	Use universal meter to measure the power supply voltage. The voltage is a little high or low	Suggest to equip with voltage regulator .
Motor of outdoor unit is damaged	When unit is on, cooling/heating performance is bad and ODU compressor generates a lot of noise and heat.	Change compressor oil and refrigerant. If no better, replace the compressor with a new one.

5.Compressor Can't Operate

Possible Causes	Discriminating Method (Air conditioner Status)	Troubleshooting
Wrong wire connection, or poor connection	Check the wiring status according to circuit diagram	Connect wires according to wiring diagram to make sure all wiring terminals are connected firmly.
Compressor relay on main board is damaged or needle stand of compressor is loose	Check whether relay can operate normally under cooling status	Replace the main board with the same model.
Capacitor of compressor is damaged	1. Discharge the capacitor at first, and then use universal meter to measure the resistance of fan capacitor. It displays 0 or very small 2. If the resistance is very big, measure the voltage at both ends of capacitor. If the voltage at both ends of capacitor is same with the power input voltage, the fan capacitor is damaged	Replace the capacitor of compressor.
Power voltage is low or high	After turning on the unit, poor cooling effect or the compressor is turned on or turned off frequently. Use universal meter to measure the power voltage	The fluctuation of the rate voltage is 10%. If the voltage is low or high, please equip with voltage regulator.
Coil of compressor is burnt out	Use universal meter to measure the resistance between compressor terminals and it's 0	Repair or replace compressor.
Cylinder of compressor is blocked	Compressor can't operate	Repair or replace compressor.

6. Air Conditioner is Leaking

Possible Causes	Discriminating Method (Air conditioner Status)	Troubleshooting
Drainage duct is blocked	There's water leakage at indoors	Eliminate the obstacles inside the drainage duct.
Air conditioner isn't inclined outwards	There's water leakage at indoors	The complete unit should incline outwards about 3°.

7. Abnormal Sound and Vibration

Possible Causes	Discriminating Method (Air conditioner Status)	Troubleshooting
When turn on or turn off the unit, the panel and other parts will expand and there's abnormal sound	There's the sound of "PAPA"	Normal phenomenon. Abnormal sound will disappear after a few minutes.
When turn on or turn off the unit, there's abnormal sound due to flow of refrigerant inside air conditioner	Water-running sound can be heard	Normal phenomenon. Abnormal sound will disappear after a few minutes.
Foreign objects inside the unit or there're parts touching together inside the unit	There's abnormal sound fro the unit	Remove foreign objects. Adjust all parts' position of unit, tighten screws and stick damping plaster between connected parts.
Abnormal shake of compressor	Outdoor unit gives out abnormal sound	Adjust the support foot mat of compressor, tighten the bolts.
Abnormal sound inside the compressor	Abnormal sound inside the compressor	If add too much refrigerant during maintenance, please reduce refrigerant properly. Replace compressor for other circumstances.

NO.	Description	Part Code	Qty
		GJC07AF-K6RNC2A	
	Product code	CC052031000	
1	Cabinet Assy	0143111601	1
2	Condenser Assy	01101359	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231111	1
5	Motor Support	01701301	1
6	Fan Motor	15011307	1
7	Top Connecting Plate Assy	01381015	1
8	Front Clapboard Sub-Assy	01231316	1
9	Base Plate Of Air Flue	01221303	1
10	SteppingMotor	15211008	1
11	Propeller housing Assy	12101303	1
12	Propeller Housing	12101362	1
13	Base of Swing Louver	10521362	1
14	Air Door Lever	10581303	1
15	Cross Beam	24241364	1
16	Air Louver	10511127	1
17	Centrifugal fan	10311004	1
18	Front Clapboard of Propeller housing	0123131401	1
19	Evaporator Assy	01001123	1
20	Compressor and fittings	00101325	1
21	Compressor Gasket	76710302	3
22	Capillary Sub-Assy	03001792	1
23	Inhalation Tube Sub-Assy	03631716	1
24	Discharge Tube Sub-assy	03631717	1
25	Water Tray	12411006	1
26	Chassis Sub-assy	0120110505P	1
27	Drainage hole cap	76711012	1
28	Drainage Box	20181125	1
29	Chassis clamp	01211307	1
30	Power Cord	40020491	1
31	Electric Box Assy	20101606	1
32	Sleeving	42032402	1
33	Main Board	30132126	1
34	Capacitor CBB65	33000081	1
35	Capacitor CBB61	33010010	1
36	Electric box	20111030	1
37	Temperature Sensor	39000320	1
38	Temperature Sensor	39000321	1
39	Display Board	30562049	1
40	LCD board (Remote Control)	20120036	1
41	Membrane	22431132	1
42	Front Panel Assy	20001439	1
43	Guide blade lever	10581305	1
44	Air Louver	10511033	12
45	Front Case	20001419	1
46	Filter Sub-Assy	11121304	1
47	Front Panel 2	20001436	1
48	Remote Controller	30511030	1

Above data is subject to change without notice.

NO.	Description	Part Code	Qty
		GJC07AF-K6RNB3A	
	Product code	CC052047300	
1	Cabinet Assy	0143111601	1
2	Condenser Assy	01101359	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231111	1
5	Motor Support	01701301	1
6	Fan Motor	15011307	1
7	Top Connecting Plate Assy	01381015	1
8	Front Clapboard Sub-Assy	01231107	1
9	Base Plate Of Air Flue	01221303	1
10	SteppingMotor	15211008	1
11	Propeller housing Assy	12101303	1
12	Propeller Housing	12101362	1
13	Base of Swing Louver	10521362	1
14	Air Door Lever	10581303	1
15	Cross Beam	24241364	1
16	Air Louver	10511127	1
17	Centrifugal fan	10311004	1
18	Front Clapboard of Propeller housing	0123131401	1
19	Evaporator Assy	01001123	1
20	Compressor and fittings	00101325	1
21	Compressor Gasket	76710302	3
22	Capillary Sub-Assy	03001792	1
23	Inhalation Tube Sub-Assy	03631716	1
24	Discharge Tube Sub-assy	03631717	1
25	Water Tray	12411006	1
26	Chassis Sub-assy	0120110505P	1
27	Drainage hole cap	76711012	1
28	Drainage Box	20181125	1
29	Chassis clamp	01211307	1
30	Power Cord	40020491	1
31	Electric Box Assy	20101606	1
32	Sleeving	42032402	1
33	Main Board	30132126	1
34	Capacitor CBB65	33000081	1
35	Capacitor CBB61	33010010	1
36	Electric box	20111030	1
37	Temperature Sensor	39000320	1
38	Temperature Sensor	39000321	1
39	Display Board	30562049	1
40	LCD board (Remote Control)	20120036	1
41	Membrane	22431132	1
42	Front Panel Assy	20001426	1
43	Guide blade lever	10581305	1
44	Air Louver	10511033	12
45	Front Case	20001419	1
46	Filter Sub-Assy	11121304	1
47	Air Intake Panel	20001418	1
48	Remote Controller	30511030	1

Above data is subject to change without notice.

NO.	Description	Part Code	Qty
		GJH07AF-K6RNC2A	
	Product code	CC052031100	
1	Cabinet Assy	0143111601	1
2	Condenser Assy	0110111401	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231111	1
5	Motor Support	01701301	1
6	Fan Motor	15011307	1
7	Top Connecting Plate Assy	01381015	1
8	Front Clapboard Sub-Assy	01231316	1
9	Base Plate Of Air Flue	01221303	1
10	SteppingMotor	15211008	1
11	Propeller housing Assy	12101303	1
12	Propeller Housing	12101362	1
13	Base of Swing Louver	10521362	1
14	Air Door Lever	10581303	1
15	Cross Beam	24241364	1
16	Air Louver	10511127	1
17	Centrifugal fan	10311004	1
18	Front Clapboard of Propeller housing	0123131401	1
19	Evaporator Assy	01001200	1
20	Compressor and fittings	00101325	1
21	Compressor Gasket	76710302	3
22	Capillary Sub-Assy	03001835	1
23	4-Way Valve Assy	03021112	1
24	Water Tray	12411006	1
25	Chassis Sub-assy	0120110506P	1
26	Drainage Box	20181125	1
27	Magnet Coil	430004017	1
28	Drainage Valve	07101001	1
29	Chassis clamp	01211307	1
30	Power Cord	40020491	1
31	Electric Box Assy	20101607	1
32	Sleeving	42032402	1
33	Main Board	30132127	1
34	Capacitor CBB65	33000081	1
35	Capacitor CBB61	33010010	1
36	Electric box	20111030	1
37	Temperature Sensor	39000320	1
38	Temperature Sensor	39000321	1
39	Temperature Sensor	3900032101	1
40	Display Board	30562049	1
41	LCD board (Remote Control)	20120036	1
42	Membrane	2243113201	1
43	Front Panel Assy	20001439	1
44	Guide blade lever	10581305	1
45	Air Louver	10511033	12
46	Front Case	20001419	1
47	Filter Sub-Assy	11121304	1
48	Front Panel 2	20001436S	1
49	Remote Controller	30511030	1

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NO.	Description	Part Code	Qty
		GJH07AF-K6RNB3A	
	Product code	CC052047500	
1	Cabinet Assy	0143111601	1
2	Condenser Assy	01101368	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231095	1
5	Motor Support	01701301	1
6	Fan Motor	15011307	1
7	Top Connecting Plate Assy	01381015	1
8	Front Clapboard Sub-Assy	01231107	1
9	Base Plate Of Air Flue	01221303	1
10	SteppingMotor	15211008	1
11	Propeller housing Assy	12101303	1
12	Propeller Housing	12101362	1
13	Base of Swing Louver	10521362	1
14	Air Door Lever	10581303	1
15	Cross Beam	24241364	1
16	Air Louver	10511127	1
17	Centrifugal fan	10311004	1
18	Front Clapboard of Propeller housing	0123131402	1
19	Evaporator Assy	01001130	1
20	Compressor and fittings	00101325	1
21	Compressor Gasket	76710302	3
22	Capillary Sub-Assy	03001835	1
23	4-Way Valve Assy	03021112	1
24	Water Tray	12411006	1
25	Chassis Sub-assy	0120110506P	1
26	Drainage Box	20181125	1
27	Magnet Coil	430004017	1
28	Drainage Valve	07101001	1
29	Chassis clamp	01211307	1
30	Power Cord	40020491	1
31	Electric Box Assy	20101607	1
32	Sleeving	42032402	1
33	Main Board	30132127	1
34	Capacitor CBB65	33000081	1
35	Capacitor CBB61	33010010	1
36	Electric box	20111030	1
37	Temperature Sensor	39000320	1
38	Temperature Sensor	39000321	1
39	Temperature Sensor	3900032101	1
40	Display Board	30562049	1
41	LCD board (Remote Control)	20120036	1
42	Membrane	2243113201	1
43	Front Panel Assy	20001426	1
44	Guide blade lever	10581305	1
45	Air Louver	10511033	12
46	Front Case	20001419	1
47	Filter Sub-Assy	11121304	1
48	Air Intake Panel	20001418	1
49	Remote Controller	30511030	1

Above data is subject to change without notice.

NO.	Description	Part Code	Qty
		GJC09AF-K6RNC2A	
	Product code	CC052031200	
1	Cabinet Assy	0143111601	1
2	Condenser Assy	01101359	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231111	1
5	Motor Support	01701301	1
6	Fan Motor	15011307	1
7	Top Connecting Plate Assy	01381015	1
8	Front Clapboard Sub-Assy	01231316	1
9	Base Plate Of Air Flue	01221303	1
10	SteppingMotor	15211008	1
11	Propeller housing Assy	12101303	1
12	Propeller Housing	12101362	1
13	Base of Swing Louver	10521362	1
14	Air Door Lever	10581303	1
15	Cross Beam	24241364	1
16	Air Louver	10511127	1
17	Centrifugal fan	10311004	1
18	Front Clapboard of Propeller housing	0123131401	1
19	Evaporator Assy	01001123	1
20	Compressor and fittings	00101326	1
21	Compressor Gasket	76710287	3
22	Capillary Sub-Assy	03001792	1
23	Inhalation Tube Sub-Assy	03631638	1
24	Discharge Tube	03611864	1
25	Water Tray	12411006	1
26	Chassis Sub-assy	0120110503P	1
27	Drainage hole cap	76711012	1
28	Drainage Box	20181125	1
29	Chassis clamp	01211307	1
30	Power Cord	40020491	1
31	Electric Box Assy	20101609	1
32	Sleeving	42032402	1
33	Main Board	30132126	1
34	Capacitor CBB65	3300008101	1
35	Capacitor CBB61	33010010	1
36	Electric box	20111030	1
37	Temperature Sensor	39000320	1
38	Temperature Sensor	39000321	1
39	Display Board	30562049	1
40	LCD board (Remote Control)	20120036	1
41	Membrane	22431132	1
42	Front Panel Assy	20001439	1
43	Guide blade lever	10581305	1
44	Air Louver	10511033	12
45	Front Case	20001419	1
46	Filter Sub-Assy	11121304	1
47	Front Panel 2	20001436	1
48	Remote Controller	30511030	1

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NO.	Description	Part Code	Qty
		GJC09AF-K6RNB3A	
		Product code CC052047200	
1	Cabinet Assy	0143111601	1
2	Condenser Assy	01101359	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231111	1
5	Motor Support	01701301	1
6	Fan Motor	15011307	1
7	Top Connecting Plate Assy	01381015	1
8	Front Clapboard Sub-Assy	01231107	1
9	Base Plate Of Air Flue	01221303	1
10	SteppingMotor	15211008	1
11	Propeller housing Assy	12101303	1
12	Propeller Housing	12101362	1
13	Base of Swing Louver	10521362	1
14	Air Door Lever	10581303	1
15	Cross Beam	24241364	1
16	Air Louver	10511127	1
17	Centrifugal fan	10311004	1
18	Front Clapboard of Propeller housing	0123131401	1
19	Evaporator Assy	01001123	1
20	Compressor and fittings	00101326	1
21	Compressor Gasket	76710287	3
22	Capillary Sub-Assy	03001792	1
23	Inhalation Tube Sub-Assy	03631638	1
24	Discharge Tube	03611864	1
25	Water Tray	12411006	1
26	Chassis Sub-assy	0120110503P	1
27	Drainage hole cap	76711012	1
28	Drainage Box	20181125	1
29	Chassis clamp	01211307	1
30	Power Cord	40020491	1
31	Electric Box Assy	20101609	1
32	Sleeving	42032402	1
33	Main Board	30132126	1
34	Capacitor CBB65	3300008101	1
35	Capacitor CBB61	33010010	1
36	Electric box	20111030	1
37	Temperature Sensor	39000320	1
38	Temperature Sensor	39000321	1
39	Display Board	30562049	1
40	LCD board (Remote Control)	20120036	1
41	Membrane	22431132	1
42	Front Panel Assy	20001426	1
43	Guide blade lever	10581305	1
44	Air Louver	10511033	12
45	Front Case	20001419	1
46	Filter Sub-Assy	11121304	1
47	Air Intake Panel	20001418	1
48	Remote Controller	30511030	1

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NO.	Description	Part Code	Qty
		GJH09AF-K6RNC2A	
	Product code	CC052031300	
1	Cabinet Assy	0143111601	1
2	Condenser Assy	0110111401	1
3	Axial Flow Fan	10331365	1
4	Rear Clapboard	01231111	1
5	Motor Support	01701301	1
6	Fan Motor	15011307	1
7	Top Connecting Plate Assy	01381015	1
8	Front Clapboard Sub-Assy	01231316	1
9	Base Plate Of Air Flue	01221303	1
10	SteppingMotor	15211008	1
11	Propeller housing Assy	12101303	1
12	Propeller Housing	12101362	1
13	Base of Swing Louver	10521362	1
14	Air Door Lever	10581303	1
15	Cross Beam	24241364	1
16	Air Louver	10511127	1
17	Centrifugal fan	10311004	1
18	Front Clapboard of Propeller housing	0123131401	1
19	Evaporator Assy	01001200	1
20	Compressor and fittings	00101326	1
21	Compressor Gasket	76710287	3
22	Capillary Sub-Assy	03001833	1
23	4-Way Valve Assy	03021111	1
24	Water Tray	12411006	1
25	Chassis Sub-assy	0120110504P	1
26	Drainage Box	20181125	1
27	Magnet Coil	430004017	1
28	Drainage Valve	07101001	1
29	Chassis clamp	01211307	1
30	Power Cord	40020491	1
31	Electric Box Assy	20101611	1
32	Sleeving	42032402	1
33	Main Board	30132127	1
34	Capacitor CBB65	3300008101	1
35	Capacitor CBB61	33010010	1
36	Electric box	20111030	1
37	Temperature Sensor	39000320	1
38	Temperature Sensor	39000321	1
39	Temperature Sensor	3900032101	1
40	Display Board	30562049	1
41	LCD board (Remote Control)	20120036	1
42	Membrane	2243113201	1
43	Front Panel Assy	20001439	1
44	Guide blade lever	10581305	1
45	Air Louver	10511033	12
46	Front Case	20001419	1
47	Filter Sub-Assy	11121304	1
48	Front Panel 2	20001436S	1
49	Remote Controller	30511030	1

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NO.	Description	Part Code		Qty
		GJH09AFK6RNB3A		
Product code		CC052047000		
1	Cabinet Assy	0143111601		
2	Condenser Assy	0110111401		
3	Axial Flow Fan	10331365		
4	Rear Clapboard	01231111		
5	Motor Support	01701301		
6	Fan Motor	15011307		
7	Top Connecting Plate Assy	01381015		
8	Front Clapboard Sub-Assy	01231107		
9	Base Plate Of Air Flue	01221303		
10	SteppingMotor	15211008		
11	Propeller housing Assy	12101303		
12	Propeller Housing	12101362		
13	Base of Swing Louver	10521362		
14	Air Door Lever	10581303		
15	Cross Beam	24241364		
16	Air Louver	10511127		
17	Centrifugal fan	10311004		
18	Front Clapboard of Propeller housing	0123131401		
19	Evaporator Assy	01001200		
20	Compressor and fittings	00101326		
21	Compressor Gasket	76710287		
22	Capillary Sub-Assy	03001833		
23	4-Way Valve Assy	03021111		
24	Water Tray	12411006		
25	Chassis Sub-assy	0120110504P		
26	Drainage Box	20181125		
27	Magnet Coil	430004017		
28	Drainage Valve	07101001		
29	Chassis clamp	01211307		
30	Power Cord	40020491		
31	Electric Box Assy	20101611		
32	Sleeving	42032402		
33	Main Board	30132127		
34	Capacitor CBB65	3300008101		
35	Capacitor CBB61	33010010		
36	Electric box	20111030		
37	Temperature Sensor	39000320		
38	Temperature Sensor	39000321		
39	Temperature Sensor	3900032101		
40	Display Board	30562049		
41	LCD board (Remote Control)	20120036		
42	Membrane	2243113201		
43	Front Panel Assy	20001426		
44	Guide blade lever	10581305		
45	Air Louver	10511033		
46	Front Case	20001419		
47	Filter Sub-Assy	11121304		
48	Air Intake Panel	20001418		
49	Remote Controller	30511030		

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NO.	Description	Part Code		Qty
		GJC12AD-K6RNC2A		
		CC052031400		
1	Cabinet Assy	01431170		1
2	Condenser Assy	0110136001		1
3	Axial Flow Fan	10331163		1
4	Rear Clapboard	01231502		1
5	Motor Support1	01701605		1
6	Fan Motor	150116065		1
7	Top Cover Board Sub-assy	01251503		1
8	Front Clapboard Sub-Assy	01231804		1
9	Base Plate Of Air Flue	01221602		1
10	Propeller Housing	12101602		1
11	Air Outlet Sub-Assy	2000103601		1
12	Air Door Lever	10581601		1
13	Swing lever	10581602		1
14	Swing Lever2	10581021		1
15	Stepping Motor	1521211601		1
16	Swing blade Support	10581603		1
17	Crank	73011001		1
18	Air Louver	10511601		2
19	Centrifugal fan Sub-Assy	10311501		1
20	Front Clapboard of Propeller housing	01231604		1
21	Evaporator Assy	01001221		1
22	Compressor and fittings	00101329		1
23	Compressor Gasket	76711043		3
24	Capillary Sub-Assy	03001836		1
25	Inhalation Tube Sub-Assy	03631639		1
26	Discharge Tube	03611865		1
27	Water Tray	12411007		1
28	Chassis Sub-assy	01201220P		1
29	Drainage hole cap	76711012		1
30	Drainage Box	20181801		1
31	Cabinet Fastener	26251601		1
32	Chassis clamp	01211601		1
33	Power Cord	40020491		1
34	Electric Box Assy	20101610		1
35	Capacitor CBB61	33010037		1
36	Capacitor CBB65	3300008102		1
37	Electric box	20111033		1
38	Main Board	30132126		1
39	Temperature Sensor	39000320		1
40	Temperature Sensor	39000321		1
41	Display Board	30562049		1
42	LCD board(remote control)	20120037		1
43	Membrane	22431132		1
44	Front Panel Assy	20001441		1
45	Guide blade lever	10581604		1
46	Guide blade	105116021		14
47	Front Case	20001601		1
48	Filter Sub-Assy	11121601		1
49	Front Panel 2	20001434		1
50	Remote Controller	30511030		1

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NO.	Description	Part Code		Qty
		GJC12ADK6RNB3A		
		CC052047100		
1	Cabinet Assy	01431170		1
2	Condenser Assy	0110136001		1
3	Axial Flow Fan	10331163		1
4	Rear Clapboard	01231502		1
5	Motor Support1	01701605		1
6	Fan Motor	150116065		1
7	Top Cover Board Sub-assy	01251503		1
8	Front Clapboard Sub-Assy	01231804		1
9	Base Plate Of Air Flue	01221602		1
10	Propeller Housing	12101602		1
11	Air Outlet Sub-Assy	2000103601		1
12	Air Door Lever	10581601		1
13	Swing lever	10581602		1
14	Swing Lever2	10581021		1
15	Stepping Motor	1521211601		1
16	Swing blade Support	10581603		1
17	Crank	73011001		1
18	Air Louver	10511601		2
19	Centrifugal fan Sub-Assy	10311501		1
20	Front Clapboard of Propeller housing	01231604		1
21	Evaporator Assy	01001221		1
22	Compressor and fittings	00101329		1
23	Compressor Gasket	76711043		3
24	Capillary Sub-Assy	03001836		1
25	Inhalation Tube Sub-Assy	03631639		1
26	Discharge Tube	03611865		1
27	Water Tray	12411007		1
28	Chassis Sub-assy	01201220P		1
29	Drainage hole cap	76711012		1
30	Drainage Box	20181801		1
31	Cabinet Fastener	26251601		1
32	Chassis clamp	01211601		1
33	Power Cord	40020491		1
34	Electric Box Assy	20101610		1
35	Capacitor CBB61	33010037		1
36	Capacitor CBB65	330008102		1
37	Electric box	20111033		1
38	Main Board	30132126		1
39	Temperature Sensor	39000320		1
40	Temperature Sensor	39000321		1
41	Display Board	30562049		1
42	LCD board(remote control)	20120037		1
43	Membrane	22431132		1
44	Front Panel Assy	20001801		1
45	Guide blade lever	10581604		1
46	Guide blade	105116021		14
47	Front Case	20001601		1
48	Filter Sub-Assy	11121601		1
49	Air Intake Panel	20001602		1
50	Remote Controller	30511030		1

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NO.	Description	Part Code		Qty
		GJH12AD-K6RNC2A		
		CC052031500		
1	Cabinet Assy	01431170		1
2	Condenser Assy	01101365		1
3	Axial Flow Fan	10331163		1
4	Rear Clapboard	01231502		1
5	Motor Support1	01701605		1
6	Fan Motor	150116065		1
7	Top Cover Board Sub-assy	01251503		1
8	Front Clapboard Sub-Assy	01231804		1
9	Base Plate Of Air Flue	01221602		1
10	Propeller Housing	12101602		1
11	Air Outlet Sub-Assy	2000103601		1
12	Air Door Lever	10581601		1
13	Swing lever	10581602		1
14	Swing Lever2	10581021		1
15	SteppingMotor	1521211601		1
16	Swing blade Support	10581603		1
17	Crank	73011001		1
18	Air Louver	10511601		2
19	Centrifugal fan Sub-Assy	10311501		1
20	Front Clapboard of Propeller housing	01231604		1
21	Evaporator Assy	01001125		1
22	Compressor and fittings	00101329		1
23	Compressor Gasket	76711043		3
24	Capillary Sub-Assy	03001793		1
25	4-Way Valve Assy	03021232		1
26	Magnet Coil	430004017		1
27	Water Tray	12411007		1
28	Chassis Sub-assy	0120122001P		1
29	Drainage Valve	07101001		1
30	Drainage Box	20181801		1
31	Cabinet Fastener	26251601		1
32	Chassis clamp	01211601		1
33	Power Cord	40020491		1
34	Electric Box Assy	20101612		1
35	Capacitor CBB61	33010037		1
36	Capacitor CBB65	3300008102		1
37	Electric box	20111033		1
38	Main Board	30132127		1
39	Temperature Sensor	39000320		1
40	Temperature Sensor	39000321		1
41	Temperature Sensor	3900032101		1
42	Display Board	30562049		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	Filter Sub-Assy	11121601		1
50	Front Panel 2	20001434		1
51	Remote Controller	30511030		1

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NO.	Description	Part Code	Qty
		GJH12ADK6RNB3A	
		Product code	
		CC052046900	
1	Cabinet Assy	01431170	1
2	Condenser Assy	01101365	1
3	Axial Flow Fan	10331163	1
4	Rear Clapboard	01231502	1
5	Motor Support1	01701605	1
6	Fan Motor	150116065	1
7	Top Cover Board Sub-assy	01251503	1
8	Front Clapboard Sub-Assy	01231804	1
9	Base Plate Of Air Flue	01221602	1
10	Propeller Housing	12101602	1
11	Air Outlet Sub-Assy	2000103601	1
12	Air Door Lever	10581601	1
13	Swing lever	10581602	1
14	Swing Lever2	10581021	1
15	SteppingMotor	1521211601	1
16	Swing blade Support	10581603	1
17	Crank	73011001	1
18	Air Louver	10511601	2
19	Centrifugal fan Sub-Assy	10311501	1
20	Front Clapboard of Propeller housing	01231604	1
21	Evaporator Assy	01001125	1
22	Compressor and fittings	00101329	1
23	Compressor Gasket	76711043	3
24	Capillary Sub-Assy	03001793	1
25	4-Way Valve Assy	03021232	1
26	Magnet Coil	430004017	1
27	Water Tray	12411007	1
28	Chassis Sub-assy	0120122001P	1
29	Drainage Valve	07101001	1
30	Drainage Box	20181801	1
31	Cabinet Fastener	26251601	1
32	Chassis clamp	01211601	1
33	Power Cord	40020491	1
34	Electric Box Assy	20101612	1
35	Capacitor CBB61	33010037	1
36	Capacitor CBB65	3300008102	1
37	Electric box	20111033	1
38	Main Board	30132127	1
39	Temperature Sensor	39000320	1
40	Temperature Sensor	39000321	1
41	Temperature Sensor	3900032101	1
42	Display Board	30562049	1
43	LCD board(remote control)	20120037	1
44	Membrane	2243113201	1
45	Front Panel Assy	20001801	1
46	Guide blade lever	10581604	1
47	Guide blade	105116021	14
48	Front Case	20001601	1
49	Filter Sub-Assy	11121601	1
50	Air Intake Panel	20001602	1
51	Remote Controller	30511030	1

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NO.	Description	Part Code		Qty
		GJC18AC-K6RNC2A		
		CC052031600		
1	Cabinet Assy	0143112601	1	
2	Condenser Assy	0110135801	1	
3	Axial Flow Fan	10331163	1	
4	Rear Clapboard	01231099	1	
5	Motor Support 1	01701605	1	
6	Fan Motor	1501120707	1	
7	Motor Support 2	01701604	1	
8	Top Cover Board Sub-assy	01251611	1	
9	Front Clapboard Sub-Assy	01231804	1	
10	Base Plate Of Air Flue	01221602	1	
11	Propeller Housing	12101602	1	
12	Air Outlet Sub-Assy	2000103601	1	
13	Air Door Lever	10581601	1	
14	Swing lever	10581602	1	
15	Swing Lever2	10581021	1	
16	Stepping Motor	1521211601	1	
17	Swing blade Support	10581603	1	
18	Crank	73011001	1	
19	Air Louver	10511601	2	
20	Centrifugal Fan Sub-Assy	10311501	1	
21	Front Clapboard of Propeller housing	01231604	1	
22	Evaporator Assy	01001221	1	
23	Compressor and fittings	00101327	1	
24	Compressor Gasket	76812805	3	
25	Capillary Sub-Assy	03001837	1	
26	Inhalation Tube Sub-Assy	03631640	1	
27	Discharge Tube	03611866	1	
28	Water Tray	12411007	1	
29	Chassis Sub-assy	0120123501P	1	
30	Drainage hole cap	76711012	1	
31	Drainage Box	20181801	1	
32	Cabinet Fastener	26251601	1	
33	Chassis clamp	01211601	1	
34	Power Cord	40020491	1	
35	Electric Box Assy	20101608	1	
36	Capacitor CBB61	33010009	1	
37	Capacitor CBB65	3300008103	1	
38	Electric box	20111033	1	
39	Main Board	30132126	1	
40	Temperature Sensor	39000320	1	
41	Temperature Sensor	39000321	1	
42	Display Board	30562049	1	
43	LCD board(remote control)	20120037	1	
44	Membrane	22431132	1	
45	Front Panel Assy	20001441	1	
46	Guide blade lever	10581604	1	
47	Guide blade	105116021	14	
48	Front Case	20001601	1	
49	Filter Sub-Assy	11121601	1	
50	Front Panel 2	20001434	1	
51	Remote Controller	30511030	1	

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NO.	Description	Part Code	Qty
		GJC18ACK6RNB3A	
	Product code	CC052047600	
1	Cabinet Assy	0143112601	1
2	Condenser Assy	0110135801	1
3	Axial Flow Fan	10331163	1
4	Rear Clapboard	01231099	1
5	Motor Support 1	01701605	1
6	Fan Motor	1501120707	1
7	Motor Support 2	01701604	1
8	Top Cover Board Sub-assy	01251611	1
9	Front Clapboard Sub-Assy	01231804	1
10	Base Plate Of Air Flue	01221602	1
11	Propeller Housing	12101602	1
12	Air Outlet Sub-Assy	2000103601	1
13	Air Door Lever	10581601	1
14	Swing lever	10581602	1
15	Swing Lever2	10581021	1
16	Stepping Motor	1521211601	1
17	Swing blade Support	10581603	1
18	Crank	73011001	1
19	Air Louver	10511601	2
20	Centrifugal Fan Sub-Assy	10311501	1
21	Front Clapboard of Propeller housing	01231604	1
22	Evaporator Assy	01001221	1
23	Compressor and fittings	00101327	1
24	Compressor Gasket	76711065	3
25	Capillary Sub-Assy	03001837	1
26	Inhalation Tube Sub-Assy	03631640	1
27	Discharge Tube	03611866	1
28	Water Tray	12411007	1
29	Chassis Sub-assy	0120123501P	1
30	Drainage hole cap	76711012	1
31	Drainage Box	20181801	1
32	Cabinet Fastener	26251601	1
33	Chassis clamp	01211601	1
34	Power Cord	40020491	1
35	Electric Box Assy	20101608	1
36	Capacitor CBB61	33010009	1
37	Capacitor CBB65	3300008103	1
38	Electric box	20111033	1
39	Main Board	30132126	1
40	Temperature Sensor	39000320	1
41	Temperature Sensor	39000321	1
42	Display Board	30562049	1
43	LCD board(remote control)	20120037	1
44	Membrane	22431132	1
45	Front Panel Assy	20001801	1
46	Guide blade lever	10581604	1
47	Guide blade	105116021	14
48	Front Case	20001601	1
49	Filter Sub-Assy	11121601	1
50	Air Intake Panel	20001602	1
51	Remote Controller	30511030	1

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NO.	Description	Part Code	Qty
		GJH18AC-K6RNC2A	
	Product code	CC052031700	
1	Cabinet Assy	0143112601	1
2	Condenser Assy	01101362	1
3	Axial Flow Fan	10331163	1
4	Rear Clapboard	01231099	1
5	Motor Support 1	01701605	1
6	Fan Motor	1501120707	1
7	Motor Support 2	01701604	1
8	Top Cover Board Sub-assy	01251611	1
9	Front Clapboard Sub-Assy	01231804	1
10	Base Plate Of Air Flue	01221602	1
11	Propeller Housing	12101602	1
12	Air Outlet Sub-Assy	2000103601	1
13	Air Door Lever	10581601	1
14	Swing lever	10581602	1
15	Swing Lever2	10581021	1
16	SteppingMotor	1521211601	1
17	Swing blade Support	10581603	1
18	Crank	73011001	1
19	Air Louver	10511601	2
20	Centrifugal Fan Sub-Assy	10311501	1
21	Front Clapboard of Propeller housing	01231604	1
22	Evaporator Assy	01001125	1
23	Compressor and fittings	00101327	1
24	Compressor Gasket	76812805	3
25	Capillary Sub-Assy	03001538	1
26	4-Way Valve Assy	03021233	1
27	Magnet Coil	430004017	1
28	Water Tray	12411007	1
29	Chassis Sub-assy	01201235P	1
30	Drainage Valve	07101001	1
31	Drainage Box	20181801	1
32	Cabinet Fastener	26251601	1
33	Chassis clamp	01211601	1
34	Power Cord	40020491	1
35	Electric Box Assy	20101615	1
36	Capacitor CBB61	33010009	1
37	Capacitor CBB65	3300008103	1
38	Electric box	20111033	1
39	Main Board	30132127	1
40	Temperature Sensor	39000320	1
41	Temperature Sensor	39000321	1
42	Temperature Sensor	3900032101	1
43	Display Board	30562049	1
44	LCD board(remote control)	20120037	1
45	Membrane	2243113201	1
46	Front Panel Assy	20001441	1
47	Guide blade lever	10581604	1
48	Guide blade	105116021	14
49	Front Case	20001601	1
50	Filter Sub-Assy	11121601	1
51	Front Panel 2	20001434	1
52	Remote Controller	30511030	1

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NO.	Description	Part Code	Qty
		GJH18ACK6RNB3A	
	Product code	CC052046800	
1	Cabinet Assy	0143112601	1
2	Condenser Assy	01101362	1
3	Axial Flow Fan	10331163	1
4	Rear Clapboard	01231099	1
5	Motor Support 1	01701605	1
6	Fan Motor	1501120707	1
7	Motor Support 2	01701604	1
8	Top Cover Board Sub-assy	01251611	1
9	Front Clapboard Sub-Assy	01231804	1
10	Base Plate Of Air Flue	01221602	1
11	Propeller Housing	12101602	1
12	Air Outlet Sub-Assy	2000103601	1
13	Air Door Lever	10581601	1
14	Swing lever	10581602	1
15	Swing Lever2	10581021	1
16	SteppingMotor	1521211601	1
17	Swing blade Support	10581603	1
18	Crank	73011001	1
19	Air Louver	10511601	2
20	Centrifugal Fan Sub-Assy	10311501	1
21	Front Clapboard of Propeller housing	01231604	1
22	Evaporator Assy	01001125	1
23	Compressor and fittings	00101327	1
24	Compressor Gasket	76711065	3
25	Capillary Sub-Assy	03001538	1
26	4-Way Valve Assy	03021233	1
27	Magnet Coil	430004017	1
28	Water Tray	12411007	1
29	Chassis Sub-assy	01201235P	1
30	Drainage Valve	07101001	1
31	Drainage Box	20181801	1
32	Cabinet Fastener	26251601	1
33	Chassis clamp	01211601	1
34	Power Cord	40020491	1
35	Electric Box Assy	20101615	1
36	Capacitor CBB61	33010009	1
37	Capacitor CBB65	3300008103	1
38	Electric box	20111033	1
39	Main Board	30132127	1
40	Temperature Sensor	39000320	1
41	Temperature Sensor	39000321	1
42	Temperature Sensor	3900032101	1
43	Display Board	30562049	1
44	LCD board(remote control)	20120037	1
45	Membrane	2243113201	1
46	Front Panel Assy	20001801	1
47	Guide blade lever	10581604	1
48	Guide blade	105116021	14
49	Front Case	20001601	1
50	Filter Sub-Assy	11121601	1
51	Air Intake Panel	20001602	1
52	Remote Controller	30511030	1

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NO.	Description	Part Code		Qty
		GJC21AC-K6RNC2A		
		CC052031800		
1	Cabinet Assy	0143112601	1	
2	Condenser Assy	0110135801	1	
3	Axial Flow Fan	10331163	1	
4	Rear Clapboard	01231099	1	
5	Motor Support 1	01701605	1	
6	Fan Motor	1501120707	1	
7	Motor Support 2	01701604	1	
8	Top Cover Board Sub-assy	01251611	1	
9	Front Clapboard Sub-Assy	01231804	1	
10	Base Plate Of Air Flue	01221602	1	
11	Propeller Housing	12101602	1	
12	Air Outlet Sub-Assy	2000103601	1	
13	Air Door Lever	10581601	1	
14	Swing lever	10581602	1	
15	Swing Lever2	10581021	1	
16	Stepping Motor	1521211601	1	
17	Swing blade Support	10581603	1	
18	Crank	73011001	1	
19	Air Louver	10511601	2	
20	Centrifugal Fan Sub-Assy	10311501	1	
21	Front Clapboard of Propeller housing	01231604	1	
22	Evaporator Assy	01001125	1	
23	Compressor and fittings	00101328	1	
24	Compressor Gasket	76711043	3	
25	Capillary Sub-Assy	03001838	1	
26	Inhalation Tube Sub-Assy	03631874	1	
27	Discharge Tube	03611866	1	
28	Water Tray	12411007	1	
29	Chassis Sub-assy	0120123501P	1	
30	Drainage hole cap	76711012	1	
31	Drainage Box	20181801	1	
32	Cabinet Fastener	26251601	1	
33	Chassis clamp	01211601	1	
34	Power Cord	400204911	1	
35	Electric Box Assy	20101613	1	
36	Capacitor CBB61	33010009	1	
37	Capacitor CBB65	3300008104	1	
38	Electric box	20111033	1	
39	Main Board	30132126	1	
40	Temperature Sensor	39000320	1	
41	Temperature Sensor	39000321	1	
42	Display Board	30562049	1	
43	LCD board(remote control)	20120037	1	
44	Membrane	22431132	1	
45	Front Panel Assy	20001441	1	
46	Guide blade lever	10581604	1	
47	Guide blade	105116021	14	
48	Front Case	20001601	1	
49	Filter Sub-Assy	11121601	1	
50	Front Panel 2	20001434	1	
51	Remote Controller	30511030	1	

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NO.	Description	Part Code		Qty
		GJC21ACK6RNB3A		
		CC052047700		
1	Cabinet Assy	0143112601		1
2	Condenser Assy	0110135801		1
3	Axial Flow Fan	10331163		1
4	Rear Clapboard	01231099		1
5	Motor Support 1	01701605		1
6	Fan Motor	1501120707		1
7	Motor Support 2	01701604		1
8	Top Cover Board Sub-assy	01251611		1
9	Front Clapboard Sub-Assy	01231804		1
10	Base Plate Of Air Flue	01221602		1
11	Propeller Housing	12101602		1
12	Air Outlet Sub-Assy	2000103601		1
13	Air Door Lever	10581601		1
14	Swing lever	10581602		1
15	Swing Lever2	10581021		1
16	Stepping Motor	1521211601		1
17	Swing blade Support	10581603		1
18	Crank	73011001		1
19	Air Louver	10511601		2
20	Centrifugal Fan Sub-Assy	10311501		1
21	Front Clapboard of Propeller housing	01231604		1
22	Evaporator Assy	01001125		1
23	Compressor and fittings	00101328		1
24	Compressor Gasket	76711065		3
25	Capillary Sub-Assy	03001838		1
26	Inhalation Tube Sub-Assy	03631874		1
27	Discharge Tube	03611866		1
28	Water Tray	12411007		1
29	Chassis Sub-assy	0120123501P		1
30	Drainage hole cap	76711012		1
31	Drainage Box	20181801		1
32	Cabinet Fastener	26251601		1
33	Chassis clamp	01211601		1
34	Power Cord	400204911		1
35	Electric Box Assy	20101613		1
36	Capacitor CBB61	33010009		1
37	Capacitor CBB65	3300008104		1
38	Electric box	20111033		1
39	Main Board	30132126		1
40	Temperature Sensor	39000320		1
41	Temperature Sensor	39000321		1
42	Display Board	30562049		1
43	LCD board(remote control)	20120037		1
44	Membrane	22431132		1
45	Front Panel Assy	20001801		1
46	Guide blade lever	10581604		1
47	Guide blade	105116021		14
48	Front Case	20001601		1
49	Filter Sub-Assy	11121601		1
50	Air Intake Panel	20001602		1
51	Remote Controller	30511030		1

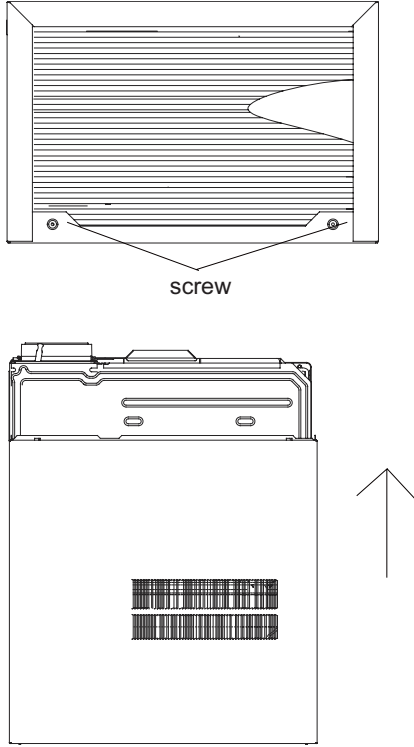
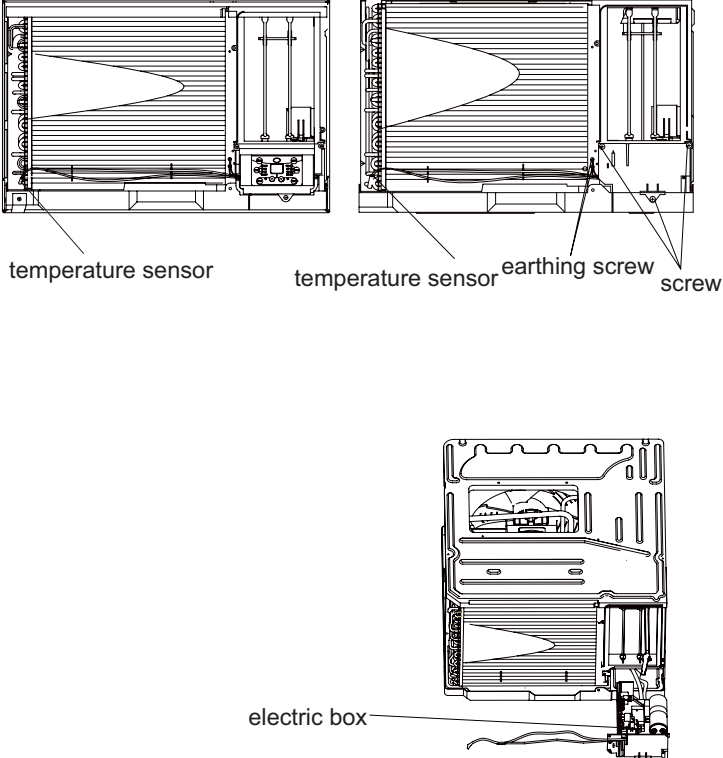
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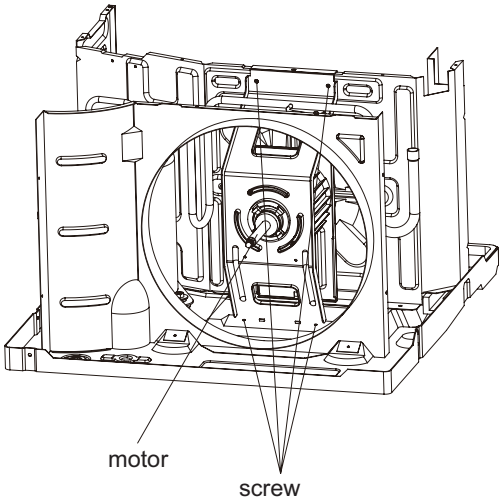
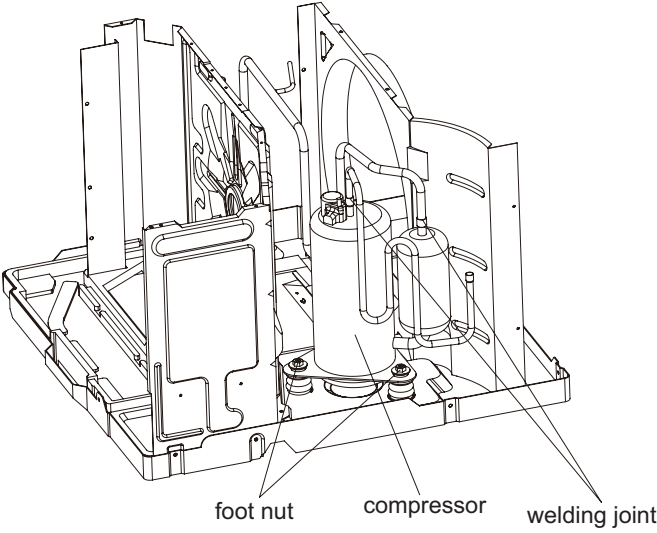
NO.	Description	Part Code		Qty
		GJH21AC-K6RNC2A		
		CC052031900		
1	Cabinet Assy	01431118	1	
2	Condenser Assy	01101366	1	
3	Axial Flow Fan	10331163	1	
4	Rear Clapboard	01231099	1	
5	Motor Support 1	01701605	1	
6	Fan Motor	1501120707	1	
7	Motor Support 2	01701604	1	
8	Top Cover Board Sub-assy	01251611	1	
9	Front Clapboard Sub-Assy	01231804	1	
10	Base Plate Of Air Flue	01221602	1	
11	Propeller Housing	12101602	1	
12	Air Outlet Sub-Assy	2000103601	1	
13	Air Door Lever	10581601	1	
14	Swing lever	10581602	1	
15	Swing Lever2	10581021	1	
16	SteppingMotor	1521211601	1	
17	Swing blade Support	10581603	1	
18	Crank	73011001	1	
19	Air Louver	10511601	2	
20	Centrifugal Fan Sub-Assy	10311501	1	
21	Front Clapboard of Propeller housing	01231604	1	
22	Evaporator Assy	01001125	1	
23	Compressor and fittings	00101328	1	
24	Compressor Gasket	76711043	3	
25	Capillary Sub-Assy	03001539	1	
26	4-Way Valve Assy	03021233	1	
27	Magnet Coil	430004017	1	
28	Water Tray	12411007	1	
29	Chassis Sub-assy	01201235P	1	
30	Drainage Valve	07101001	1	
31	Drainage Box	20181801	1	
32	Cabinet Fastener	26251601	1	
33	Chassis clamp	01211601	1	
34	Power Cord	400204911	1	
35	Electric Box Assy	20101614	1	
36	Capacitor CBB61	33010009	1	
37	Capacitor CBB65	3300008104	1	
38	Electric box	20111033	1	
39	Main Board	30132127	1	
40	Temperature Sensor	39000320	1	
41	Temperature Sensor	39000321	1	
42	Temperature Sensor	3900032101	1	
43	Display Board	30562049	1	
44	LCD board(remote control)	20120037	1	
45	Membrane	2243113201	1	
46	Front Panel Assy	20001441	1	
47	Guide blade lever	10581604	1	
48	Guide blade	105116021	14	
49	Front Case	20001601	1	
50	Filter Sub-Assy	11121601	1	
51	Front Panel 2	20001434S	1	
52	Remote Controller	30511030	1	

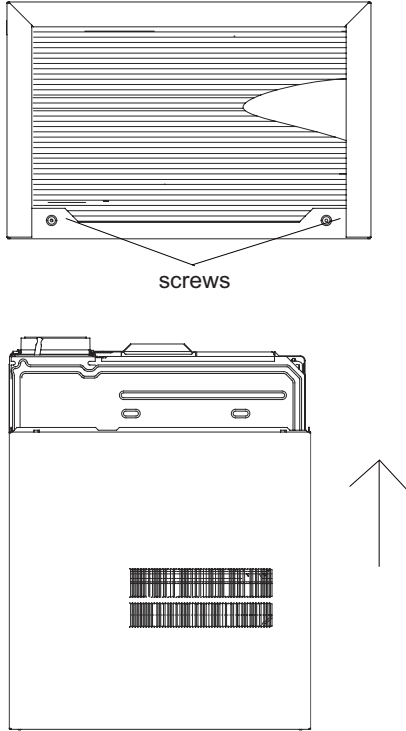
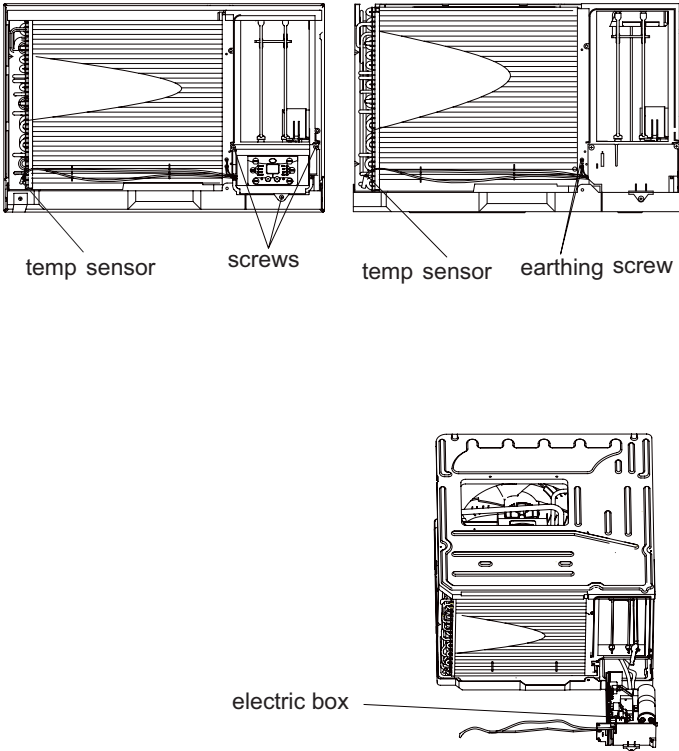
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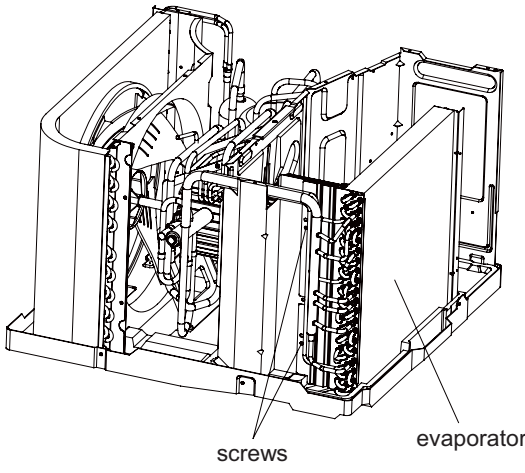
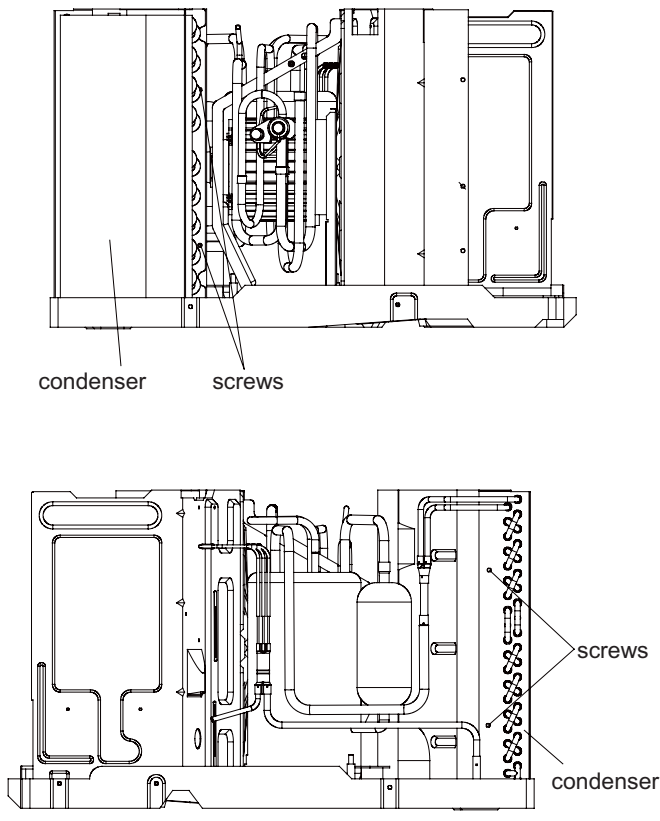
NO.	Description	Part Code	Qty
		GJH21ACK6RNB3A	
	Product code	CC052046700	
1	Cabinet Assy	01431118	1
2	Condenser Assy	01101118	1
3	Axial Flow Fan	10331163	1
4	Rear Clapboard	01231099	1
5	Motor Support 1	01701605	1
6	Fan Motor	1501120707	1
7	Motor Support 2	01701604	1
8	Top Cover Board Sub-assy	01251611	1
9	Front Clapboard Sub-Assy	01231804	1
10	Base Plate Of Air Flue	01221602	1
11	Propeller Housing	12101602	1
12	Air Outlet Sub-Assy	2000103601	1
13	Air Door Lever	10581601	1
14	Swing lever	10581602	1
15	Swing Lever2	10581021	1
16	SteppingMotor	1521211601	1
17	Swing blade Support	10581603	1
18	Crank	73011001	1
19	Air Louver	10511601	2
20	Centrifugal Fan Sub-Assy	10311501	1
21	Front Clapboard of Propeller housing	01231604	1
22	Evaporator Assy	01001125	1
23	Compressor and fittings	00101328	1
24	Compressor Gasket	76711065	3
25	Capillary Sub-Assy	03001539	1
26	4-Way Valve Assy	03021233	1
27	Magnet Coil	430004017	1
28	Water Tray	12411007	1
29	Chassis Sub-assy	01201235P	1
30	Drainage Valve	07101001	1
31	Drainage Box	20181801	1
32	Cabinet Fastener	26251601	1
33	Chassis clamp	01211601	1
34	Power Cord	400204911	1
35	Electric Box Assy	20101614	1
36	Capacitor CBB61	33010009	1
37	Capacitor CBB65	3300008104	1
38	Electric box	20111033	1
39	Main Board	30132127	1
40	Temperature Sensor	39000320	1
41	Temperature Sensor	39000321	1
42	Temperature Sensor	3900032101	1
43	Display Board	30562049	1
44	LCD board(remote control)	20120037	1
45	Membrane	2243113201	1
46	Front Panel Assy	20001801	1
47	Guide blade lever	10581604	1
48	Guide blade	105116021	14
49	Front Case	20001601	1
50	Filter Sub-Assy	11121601	1
51	Air Intake Panel	20001602	1
52	Remote Controller	30511030	1

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Steps	Procedure	
		 <p style="text-align: center;">screw</p>
<p>3.Remove electric box</p>	<p>Remove the remote control cover; remove the earthing screws and temperature sensor; pull out the electric box.</p>	 <p style="text-align: center;">temperature sensor temperature sensor earthing screw screw</p> <p style="text-align: center;">electric box</p>

Steps	Procedure
<p>10.Remove motor</p>	<p>Remove the screws of motor support; take out the motor support; remove the screws of motor and then remove the motor.</p> 
<p>11.Remove compressor</p>	<p>Unsolder each connection pipe (Note: discharge the refrigerant completely before unsoldering). Remove the 3 foot nuts of compressor and then remove the compressor.</p> 

Steps	Procedure	
		
<p>3.Remove electric box</p>	<p>Remove remote control plate, earthing screw and temp sensor in turn. Then remove electric box.</p>	

Steps	Procedure
<p>6.Remove evaporator</p>	<p>Unsolder each connecting pipe (Note: discharge refrigerant firstly) and then remove screws fixing evaporator. Then remove evaporator.</p> 
<p>7.Remove condenser</p>	<p>Unsolder each connecting pipe (Note: discharge refrigerant firstly.) Remove screws fixing condenser and then remove condenser.</p> 

Appendix 2: List of Resistance for Ambient Temperature Sensor

Resistance Table of Ambient Temperature Sensor (15K)

Temp(°C)	Resistance(kΩ)	Temp(°C)	Resistance(kΩ)	Temp(°C)	Resistance(kΩ)	Temp(°C)	Resistance(kΩ)
-19	138.1	20	18.75	59	3.848	98	1.071
-18	128.6	21	17.93	60	3.711	99	1.039
-17	121.6	22	17.14	61	3.579	100	1.009
-16	115	23	16.39	62	3.454	101	0.98
-15	108.7	24	15.68	63	3.333	102	0.952
-14	102.9	25	15	64	3.217	103	0.925
-13	97.4	26	14.36	65	3.105	104	0.898
-12	92.22	27	13.74	66	2.998	105	0.873
-11	87.35	28	13.16	67	2.896	106	0.848
-10	82.75	29	12.6	68	2.797	107	0.825
-9	78.43	30	12.07	69	2.702	108	0.802
-8	74.35	31	11.57	70	2.611	109	0.779
-7	70.5	32	11.09	71	2.523	110	0.758
-6	66.88	33	10.63	72	2.439	111	0.737
-5	63.46	34	10.2	73	2.358	112	0.717
-4	60.23	35	9.779	74	2.28	113	0.697
-3	57.18	36	9.382	75	2.206	114	0.678
-2	54.31	37	9.003	76	2.133	115	0.66
-1	51.59	38	8.642	77	2.064	116	0.642
0	49.02	39	8.297	78	1.997	117	0.625
1	46.6	40	7.967	79	1.933	118	0.608
2	44.31	41	7.653	80	1.871	119	0.592
3	42.14	42	7.352	81	1.811	120	0.577
4	40.09	43	7.065	82	1.754	121	0.561
5	38.15	44	6.791	83	1.699	122	0.547
6	36.32	45	6.529	84	1.645	123	0.532
7	34.58	46	6.278	85	1.594	124	0.519
8	32.94	47	6.038	86	1.544	125	0.505
9	31.38	48	5.809	87	1.497	126	0.492
10	29.9	49	5.589	88	1.451	127	0.48
11	28.51	50	5.379	89	1.408	128	0.467
12	27.18	51	5.197	90	1.363	129	0.456
13	25.92	52	4.986	91	1.322	130	0.444
14	24.73	53	4.802	92	1.282	131	0.433
15	23.6	54	4.625	93	1.244	132	0.422
16	22.53	55	4.456	94	1.207	133	0.412
17	21.51	56	4.294	95	1.171	134	0.401
18	20.54	57	4.139	96	1.136	135	0.391
19	19.63	58	3.99	97	1.103	136	0.382

Resistance Table of Ambient Temperature Sensor (50K)

Temp(°C)	Resistance(kΩ)	Temp(°C)	Resistance(kΩ)	Temp(°C)	Resistance(kΩ)	Temp(°C)	Resistance(kΩ)
-29	853.5	10	98	49	18.34	88	4.75
-28	799.8	11	93.42	50	17.65	89	4.61
-27	750	12	89.07	51	16.99	90	4.47
-26	703.8	13	84.95	52	16.36	91	4.33
-25	660.8	14	81.05	53	15.75	92	4.20
-24	620.8	15	77.35	54	15.17	93	4.08
-23	580.6	16	73.83	55	14.62	94	3.96
-22	548.9	17	70.5	56	14.09	95	3.84
-21	516.6	18	67.34	57	13.58	96	3.73
-20	486.5	19	64.33	58	13.09	97	3.62
-19	458.3	20	61.48	59	12.62	98	3.51
-18	432	21	58.77	60	12.17	99	3.41
-17	407.4	22	56.19	61	11.74	100	3.32
-16	384.5	23	53.74	62	11.32	101	3.22
-15	362.9	24	51.41	63	10.93	102	3.13
-14	342.8	25	49.19	64	10.54	103	3.04
-13	323.9	26	47.08	65	10.18	104	2.96
-12	306.2	27	45.07	66	9.83	105	2.87
-11	289.6	28	43.16	67	9.49	106	2.79
-10	274	29	41.34	68	9.17	107	2.72
-9	259.3	30	39.61	69	8.85	108	2.64
-8	245.6	31	37.96	70	8.56	109	2.57
-7	232.6	32	36.38	71	8.27	110	2.50
-6	220.5	33	34.88	72	7.99	111	2.43
-5	209	34	33.45	73	7.73	112	2.37
-4	198.3	35	32.09	74	7.47	113	2.30
-3	199.1	36	30.79	75	7.22	114	2.24
-2	178.5	37	29.54	76	7.00	115	2.18
-1	169.5	38	28.36	77	6.76	116	2.12
0	161	39	27.23	78	6.54	117	2.07
1	153	40	26.15	79	6.33	118	2.02
2	145.4	41	25.11	80	6.13	119	1.96
3	138.3	42	24.13	81	5.93	120	1.91
4	131.5	43	23.19	82	5.75	121	1.86
5	125.1	44	22.29	83	5.57	122	1.82
6	119.1	45	21.43	84	5.39	123	1.77
7	113.4	46	20.6	85	5.22	124	1.73
8	108	47	19.81	86	5.06	125	1.68
9	102.8	48	19.06	87	4.90	126	1.64

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For product improvement, specifications and appearance in this manual are subject to change without prior notice.