



ROOM AIR CONDITIONER

INDOOR UNIT

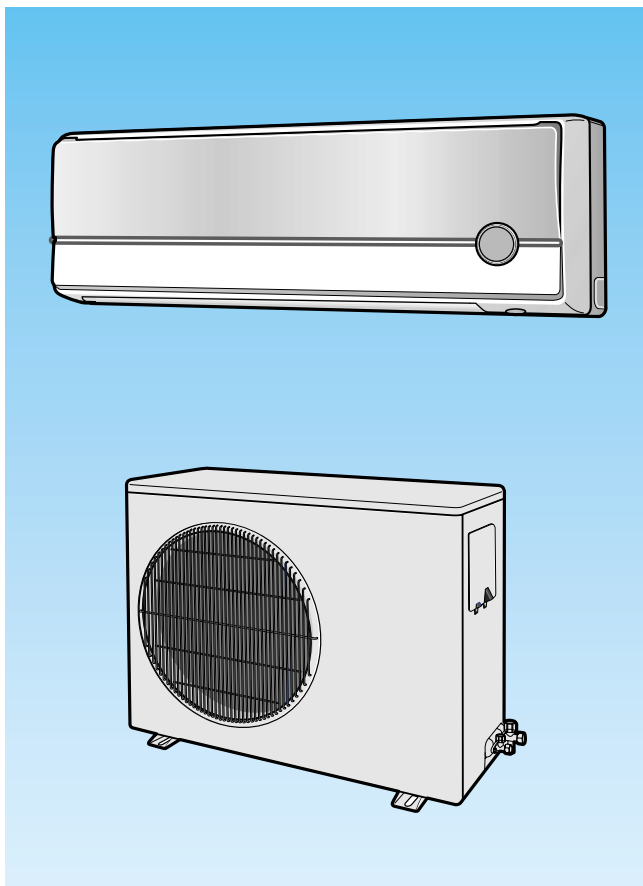
SH24TP6(A)
AQT24P6GB
AQT24P6GE
AQ24P6GB
SH18ZP0(A)
AQT18P0GB
AQT18P0GE
AQ18P0GB
AQ18P0GE

OUTDOOR UNIT

SH24TP6(A)X
UQT24P6GB
UQT24P6GE
UQ24P6GB
SH18ZP0(A)X
UQT18P0GB
UQT18P0GE
UQ18P0GB
UQ18P0GE

SERVICE *Manual*

AIR CONDITIONER



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1. Product Specifications

1-1 Table

Item			Model	SH24TP6(A) / AQT24P6GE				AQT24P6GB			
			Cool		Heat		Cool		Heat		
Power Source			220-240V~,50Hz				220V~,60Hz				
Performance	Capacity (ISO/SASO)		6.8 kW	-	6.9 kW	-	24,000 BTU/h	5,040 kcal/h	24,000 BTU/h	6,048 kcal/h	
	Air circulation (High) m²/min		14.0		14.5		14.0		14.5		
	Moisture removal (High) Liters/h		3.0				3.0				
Electrical Rating	Available voltage range V		198~264				187~253				
	Running amperes A		11.5		11.5		13		13.5		
	Power input kw		2.78		2.82		2.6		2.8		
	Power factor %		92.6		92.6		90.9		94.3		
	Energy efficiency ratio BTU/wh		9.4		9.6		9.2		8.6		
	Compressor locked rotor amperes A		82				73				
Features	Controls/Temperature control		Microprocessor / Thermistor				Microprocessor / Thermistor				
	Control unit		Wireless remote control				Wireless remote control				
	Timer		24-Hour ON or OFF				24-Hour ON or OFF				
	Fan speed		3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step				
	Airflow direction (indoor)	Horizontal	Manual				Manual				
		Vertical	Auto				Auto				
	Compressor		Reciprocation(Bristol)				Reciprocation(Tecumseh)				
	Refrigerant/Amount charged at rating g		R22 / 1,300g				R22 / 1,600g				
	Refrigerant control		Capillary tube				Capillary tube				
	Operation sound	Indoor Hi/Mi/Low	dB-A	48 / 46 / 44		48 / 46 / 44					
		Outdoor-Hi	dB-A	61		61					
	Refrigerant tubing connections		Flare type				Flare type				
	Max. allowable tubing length at shippint m		15				15				
	Refrigerant tube diameter	Narrow tube	(in.)	6.35(1/4")		6.35(1/5")					
		Wide tube	(in.)	15.88(5/8")		15.88(5/9")					
	Refrigerant tube kit/Accessories			Optional / Hanger-plate				Optional / Hanger-plate			
Indoor unit				Outdoor unit		Indoor unit		Outdoor unit			
Dimensions & Weight	Unit dimensions	Height	mm	215		638		215		638	
		Width	mm	1080		880		1080		880	
		Depth	mm	205		310		205		310	
	Package dimensions	Height	mm	286		704		286		704	
		Width	mm	1151		1023		1151		1023	
		Depth	mm	397		413		397		413	
	Weight	Net	kg	13		64.5		13		64.5	
		Shipping	kg	16		68.5		16		68.5	

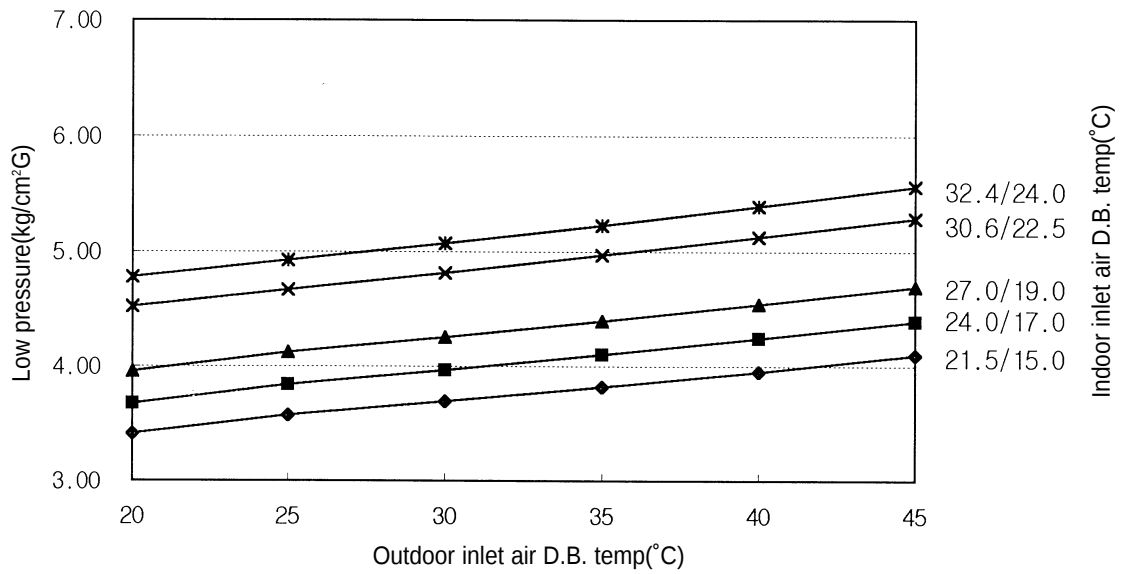
Table(Cont.)

Item			Model	AQ24P6GB				SH18ZP0(A) / AQ18P0GE			
				Cool		Heat		Cool		Heat	
Power Source				220V~,60Hz				220-240V~,50Hz			
Performance	Capacity (ISO/SASO)		24,000 BTU/h	-	25,000 BTU/h	-	18,000 BTU/h	-	20,000 BTU/h	-	
	Air circulation (High) m²/min		14.0		14.5		13.5		14.0		
	Moisture removal (High) Liters/h		3.0				2.5				
Electrical Rating	Available voltage range V		187~253				198~264				
	Running amperes A		10.5		11.5		7.8		7.8		
	Power input kw		2.30		2.55		1.75		1.74		
	Power factor %		99.6		96.6		98.1		97.0		
	Energy efficiency ratio BTU/wh		10.4		9.4		10.23		11.49		
	Compressor locked rotor amperes A		51				35				
Features	Controls/Temperature control		Microprocessor / Thermistor				Microprocessor / Thermistor				
	Control unit		Wireless remote control				Wireless remote control				
	Timer		24-Hour ON or OFF				24-Hour ON or OFF				
	Fan speed		3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step				
	Airflow direction (indoor)	Horizontal	Manual				Manual				
		Vertical	Auto				Auto				
	Compressor		Rotary(Samsung)				Rotary(Samsung)				
	Refrigerant/Amount charged at rating g		R22 / 1,350g				R22 / 1,150g				
	Refrigerant control		Capillary tube				Capillary tube				
	Operation sound	Indoor Hi/Mi/Low dB-A	50 / 48 / 46				46 / 44 / 42				
		Outdoor-Hi dB-A	62				57				
	Refrigerant tubing connections		Flare type				Flare type				
	Max. allowable tubing length at shippint m		15				15				
	Refrigerant tube diameter	Narrow tube (in.)	6.35(1/6")				6.35(1/4")				
		Wide tube (in.)	15.88(5/10")				12.70(1/2")				
	Refrigerant tube kit/Accessories			Optional / Hanger-plate				Optional / Hanger-plate			
				Indoor unit		Outdoor unit		Indoor unit		Outdoor unit	
	Dimensions & Weight	Unit dimensions	Height mm	216		638		215		620	
Width mm			680		480		1080		787		
Depth mm			415		520		205		320		
Package dimensions		Height mm	1122		1540		286		692		
		Width mm	895		767		1151		909		
		Depth mm	429		445		397		444		
Weight		Net kg	13		64		13		45		
		Shipping kg	16		68		16		49		

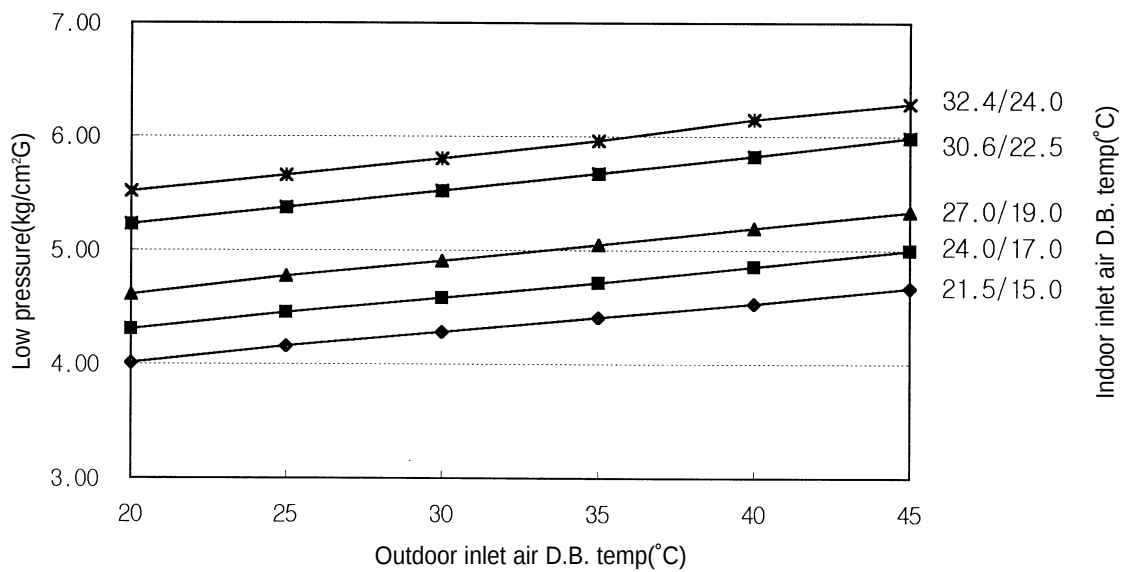
AQT18P0GB				AQT18P0GE				AQ18P0GB			
Cool		Heat		Cool		Heat		Cool		Heat	
220V~,60Hz				220-240V~,50Hz				220V~,60Hz			
18,000 BTU/h	4,000 kcal/h	20,000 BTU/h	5,040 kcal/h	18,000 BTU/h	4,000 kcal/h	20,000 BTU/h	5,040 kcal/h	18,000 BTU/h	-	19,000 BTU/h	-
13.5		14.0		13.5		14.0		13.5		14.0	
2.5				2.5				2.5			
187~253				198~264				187~253			
8.5		9.5		8.0		8.8		8.3		9.0	
1.87		2.10		1.85		2.00		1.77		2.00	
99.0		99.0		97.9		98.8		96.9		98.6	
9.63		9.52		9.73		10.00		10.16		9.5	
35				35				35			
Microprocessor / Thermistor				Microprocessor / Thermistor				Microprocessor / Thermistor			
Wireless remote control				Wireless remote control				Wireless remote control			
24-Hour ON or OFF				24-Hour ON or OFF				24-Hour ON or OFF			
3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step				3 Steps and Turbo / 2 Step			
Manual				Manual				Manual			
Auto				Auto				Auto			
Rotary(Samsung)				Rotary(Samsung)				Rotary(Samsung)			
R22 / 1,570g				R22 / 1,650g				R22 / 1,210g			
Capillary tube				Capillary tube				Capillary tube			
48 / 46 / 44				48 / 46 / 44				46 / 44 / 42			
58				58				58			
Flare type				Flare type				Flare type			
15				15				15			
6.35(1/4")				6.35(1/4")				6.35(1/4")			
12.70(1/2")				12.70(1/2")				12.70(1/2")			
Optional / Hanger-plate				Optional / Hanger-plate				Optional / Hanger-plate			
Indoor unit		Outdoor unit		Indoor unit		Outdoor unit		Indoor unit		Outdoor unit	
215		620		215		620		215		620	
1080		787		1080		787		1080		787	
205		320		205		320		205		320	
286		692		286		692		286		692	
1151		909		1151		909		1151		909	
397		444		397		444		397		444	
13		54		13		54		13		45	
16		58		16		58		16		49	

1-2 Pressure Graph

■ 24K BTU



■ 18K BTU



2. Operating Instructions

2-1 The Feature of Key in remote control

NO	NAMED OF KEY	FUNCTION OF KEY
1	 (On/Off)	On/Off button. Press the  button to stop or run the air conditioner.
2	 (UP)	Temperature adjustment button(UP). To increase the temperature by the pressing the temperature button.
	 (DOWN)	Temperature adjustment button(DOWN). To decrease the temperature by the pressing the temperature button.
3	Mode 	Mode selection button. Each time you press this button Mode is changed in the following order  →  →  →  →   : Auto Mode  : Fan Only  : Cool Mode  : Heat Mode  : Dry Mode
4		Fan speed adjustment button. Each time you press this button, FAN SPEED is changed in the following order.  →  →   Automatic(rotated :  →  →  → )
5		Swing button. It adjusts the airflow to upward and downward.
6		Turbo button. The air conditioner cools or heats the room as quickly as possible. After 30minutes, the air conditioner is reset automatically to the previous mode.
7		Energy saving button. If you wish to save energy when using your air conditioner, select the Energy saving mode with the  button.
8		Sleep button. The sleep timer can be used when you are cooling or heating your room to switch the air conditioner off automatically after a period of six hours.

NO	NAMED OF KEY	FUNCTION OF KEY
9		Anion button. Press the  button to generate ion from the air conditioner.
10		On Timer button. The On Timer enables you to switch on the air conditioner automatically after a given period of time that is from 30 minutes to 24 hours. To set the operating time, press the  button one or more times until the required time display.
11		Off Timer button. The Off Timer enables you to switch off the air conditioner automatically after a given period of time that is from 30 minutes to 24 hours. To set the operating time, press the  button one or more times until the required time display.
12		Timer Set/Cancel button. After setting On Timer or Off Timer, press the  button to set it completely. And press the  button again to cancel On Timer or Off Timer set.
13		Digital <i>i</i> On/Off button. If you want to turn off the display during operation press the  button.

2-1-1 Name & Function of Key in remote control

1. **AUTO MODE** : In this mode, operation mode(COOL, HEAT) is selected automatically by the room temperature of initial operation.

Room Temp	Operation Type
$T_r \geq 21^\circ\text{C} + \Delta T$	Cool Operation (Set Temp: $24^\circ\text{C} + \Delta T$)
$21^\circ\text{C} + \Delta T > T_r$	Heat Operation (Set Temp: $22^\circ\text{C} + \Delta T$)

$\Delta T = -1^\circ\text{C}, -2^\circ\text{C}, 0^\circ\text{C}, +1^\circ\text{C}, +2^\circ\text{C}$

ΔT is controlled by setting temperature up/down key of remote control

2. **COOL MODE** : The unit operates according to the difference between the setting and room temperature. ($18^\circ\text{C} \sim 30^\circ\text{C}$)
3. **HEAT MODE** : The unit operates according to the difference between the setting and room temperature. ($16^\circ\text{C} \sim 30^\circ\text{C}$)
 - *Prevention against cold wind : In order to prevent the cool air from flowing out at the heat mode, the indoor fan does not operate or operates very slowly in the following cases. At this time, the indoor heat exchanger will be preheating.
 - For 3~5 minutes after the initial operation
 - For deicing operation
 - The operation of an indoor fan in accordance with the temperature of an indoor heat exchanger

The temperature of indoor heat exchanger	Indoor fan speed
below 28°C	off
$28^\circ\text{C} \sim \text{below } 34^\circ\text{C}$	LL Speed
$34^\circ\text{C} \sim \text{below } 40^\circ\text{C}$	L Speed
above 40°C	Setting Speed

*High temperature release function : It is a function to detect an outdoor overload by the sensor of an indoor heat exchanger and to turn the outdoor fan or the compressor ON/OFF for safety.

*Deice : Deicing operation is controlled by indoor unit's heat exchanger temperature and accumulating time of compressor's operation.

Deice ends by sensing of the processing time by deice condition.

4. **DRY MODE** : Has 3 states, each determined by room temperature.
The unit operates in DRY mode.
*Compressor ON/OFF Time is controlled compulsorily (can not set up the fan speed, always breeze).
*Protective function : Low temperature release. (Prevention against freeze)
5. **TURBO MODE** : This mode is available in AUTO, COOL, HEAT, DRY, FAN MODE.
When this button is pressed at first, the air conditioner is operated "powerful" state for 30 minutes regardless of the set temperature, room temperature.
When this button is pressed again, or when the operating time is 30 minutes, turbo operation mode is canceled and returned to the previous mode.
*But, if you press the TURBO button in DRY or FAN mode that is changed with AUTO mode automatically.
6. **SLEEP MODE** : Sleep mode is available only in COOL or HEAT mode.
The operation will stop after 6 hours.
*In COOL mode : The setting temperature is automatically raised by 1°C each 1hour
When the temperature has been raised by total of 2°C , that temperature is maintained.
*In HEAT mode : The setting temperature is automatically dropped by 1°C each 1hour.
When the temperature has been dropped by total of 2°C , that temperature is maintained.

7. FAN SPEED : Manual (3 step), Auto (4 step)
Fan speed automatically varies depending on both the difference between setting and the room temperature.

8. COMPULSORY OPERATION :
For operating the air conditioner without the remote control.

*The air conditioner starts up in the most suitable mode for the room temperature:

Room Temperature	Operating Mode	Temperature Setting
Less than 21°C	Heat	22°C approx.
21°C or above	Cool	24°C approx.

9. SWING : BLADE-H is rotated vertically by the stepping motor.

*Swing Set : Press the  button under the remote control is displayed on LCD the  and the blades move up and down. If the one more time press the  button, blades location is stop.

10. SETTING THE ON/OFF TIMER. :

*ON TIMER : The On Timer enables you to switch on the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours.

*OFF TIMER : The Off Timer enables you to switch off the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours.

11. GENERATING ANION :

The air conditioner can generate anion with an ionizer in the indoor unit.

12. SELF DIAGNOSIS

Error Mode	DISPLAY 7-SEGMENT		Remark
	Operation Off	Operation On	
Indoor unit room temperature sensor error (open or short)	OFF	E1	
Indoor unit heat exchanger temperature sensor error(open or short)	OFF	E2	
Indoor FAN MOTOR error : Keep the RPM value 450 below for 15 seconds	OFF	E3	
EEPROM error	OFF	E6	
Error in option In case of No option set-up In case of option data error	All lamp blinking	All lamp blinking	

13. BUZZER SOUND : Whenever the On/Off button is pressed or whenever change occurs to the condition which is set up or select, the compulsory operation mode, buzzer is sounded "beep".

2-2 Installation

2-2-1 Selecting Area for Installation

Select an area for installation that is suitable to the customer's needs.

2-2-1(a) Indoor Unit

1. Make sure that you install the indoor unit in an area providing good ventilation. It must not be blocked by an obstacle affecting the airflow near the air inlet and the air outlet.
2. Make sure that you install the indoor unit in an area allowing good air handling and endurance of vibration of the indoor unit.
3. Make sure that you install the indoor unit in an area where there is no source of heat or vapor nearby.
4. Make sure that you install the indoor unit in an area from which hot or cool air is spread evenly in a room.
5. Make sure that you install the indoor unit in an area away from TVs, audio units, cordless phones, fluorescent lighting fixtures and other electrical appliances (at least 1 meter).
6. Make sure that you install the indoor unit in an area which provides easy pipe connection with the outdoor unit, and easy drainage for condensed water.
7. Make sure that you install the indoor unit in an area which is large enough to accommodate the measurements shown in figure on the next page.

2-2-1(b) Outdoor Unit

1. Make sure that you install the outdoor unit in area not exposed to the rain or direct sun light.
(Install a separate sunblind if exposed to direct sun light.)
2. Make sure that you install the outdoor unit in area allowing good air moment, not amplifying noise or vibration, especially to avoid disturbing neighbors.

(Fix the unit firmly if it is mounted in a high place.)

3. Make sure that you install the outdoor unit in area providing good ventilation and which is not dusty. It must not be blocked by any obstacle affecting the air-flow near the air inlet and the air outlet.
4. Make sure that you install the outdoor unit in area free from animals or plants.
5. Make sure that you install the outdoor unit in area not blocking the traffic.
6. Make sure that you install the outdoor unit in area easy to drain condensed water from the indoor unit.
7. Make sure that you install the outdoor unit in area which provides easy connection within the maximum allowable length of a coolant pipe(18*:15meters, 24*:20meters).

Note

1. Add (18*:30g, 24*:40g) of refrigerant (R-22) for every 1 meter if the pipe length exceeds the standard pipe length of 5 meters.
2. Maintain a height between the indoor and outdoor units of less than 8 meters.

8. Make sure that you install the outdoor unit in an area which is large enough to accommodate the measurements

2-2-1(c) Remote Control Unit

1. Make sure that you install the remote control unit in an area free from obstacles such as curtains etc, which may block signals from the remote control unit.
2. Make sure that you install the remote control unit in an area not exposed to direct sunlight, and where there is no source of heat.
3. Make sure that you install the remote control unit in an area away from TVs, audio units, cordless phones, fluorescent lighting fixtures and other electrical appliances (at least 1 meter).

Caution :

It is harmful to the air conditioner if it is used in the following environments: greasy areas (including areas near machines), salty areas such as coast areas, areas where sulfuric gas is present such as hot spring areas. Contact your dealer for advice.

2-3 Set up the Model option

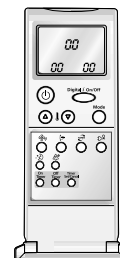
The Method for Setting up the model option with remocon

- It is necessary to set up option code after replacing the main-PCB as a service parts.

Make sure that you can set up the option of code the remote controller after you replace the main PBA otherwise, the unit won't be working properly and all LED lamps on display will be flickering.

Step 1 : Preparing the remocon to main PCB option set

- 1st Remove the battery from the remocon.
- 2nd Press the temperature raise/down button simultaneously and insert the battery again.
- 3rd Make sure the remocon display shown as .

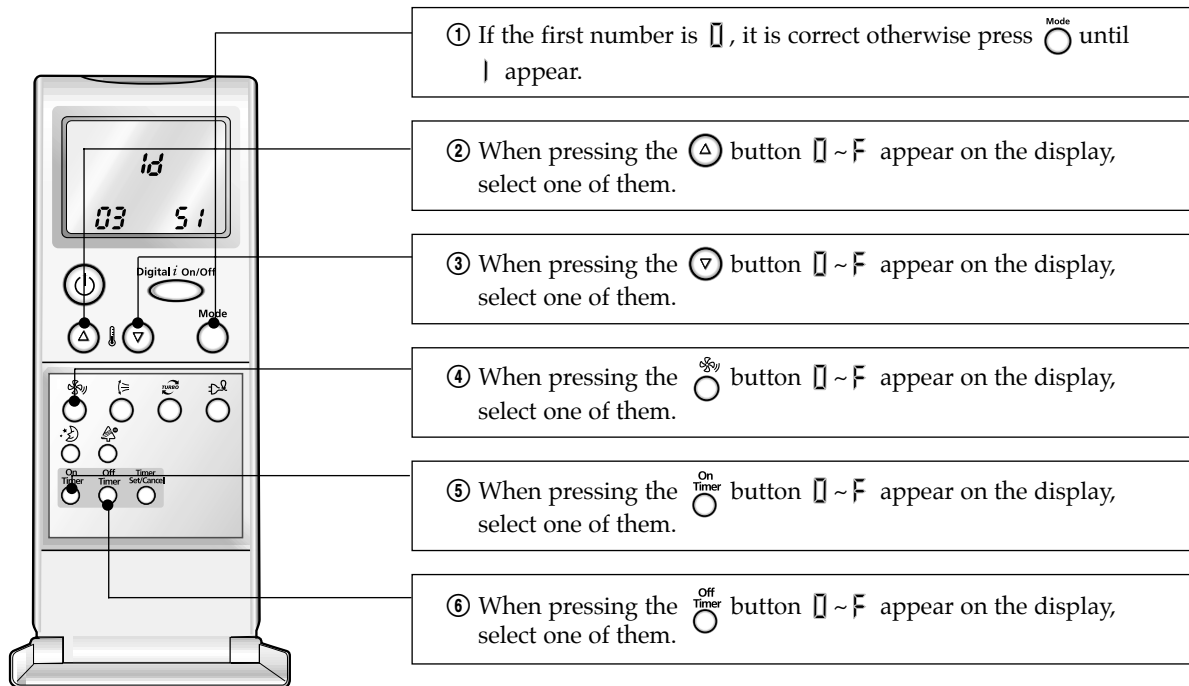


Step 2 : Second stage preparation of the remocon option set.

※ **Note** ; In case the wrong letter has been selected, continue to press the button until the correct letter appears.

- 1st If the first stage number "" appears on the display, proceed to the second stage.
- 2nd Every time the and button, "" and "" each continue to appear.
- 3rd Whenever pressing the , , , , , , , , , , , button, the number increase from 0~9(0123456789) and A, b, C, d, E, F each time.

- ① If the first number is , it is correct otherwise press until appear.
- ② When pressing the button ~ appear on the display, select one of them.
- ③ When pressing the button ~ appear on the display, select one of them.
- ④ When pressing the button ~ appear on the display, select one of them.
- ⑤ When pressing the button ~ appear on the display, select one of them.
- ⑥ When pressing the button ~ appear on the display, select one of them.



Step 3 : Reconfirming option set after completion

(in case of ex. 086115-1d0351)

After pressing **Mode** selector for the **1** mode, the display shown as **08 61 15**.

After pressing **Mode** selector for the **1** mode, the display shown as **1d 03 51**.

Step 4 : Pressing the ON/OFF button (⏻)

When pressing the operation ON/OFF key with the direction of remote controller for unit, the sound "Ding" or "Diriring" is heard and the OPERATION ICON(⏻) lamp of the display is flickering at the same time, then the input of option is completed. (If the diriring sound isn't heard, try again pressing the ON/OFF button.)

Step 5 : Unit operation test-run

First, Remove the battery from the remote controller.

Second, Re-insert the battery into the remote controller.

Third, Press ON/OFF key with the direction of remote controller for set.

• Error Mode

- 1st If all lamps of indoor unit are flickering, Plug out and plug in again and pressing ON/OFF key to retry.
- 2nd If the unit is not working properly or all lamps are continuously flickering after setting the option code, see if the correct option code is set up for it's model.

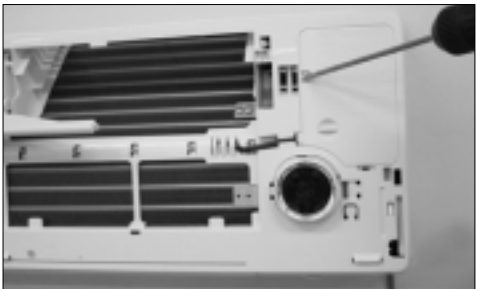
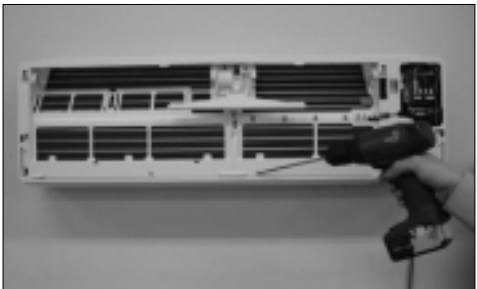
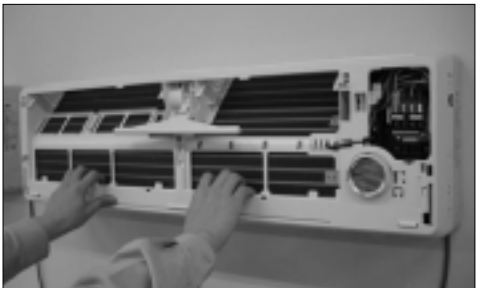
■ OPTION ITEMS

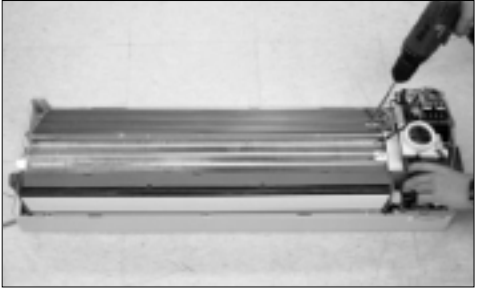
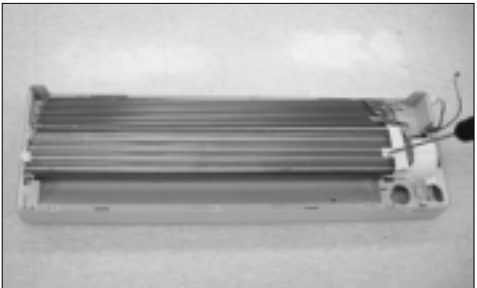
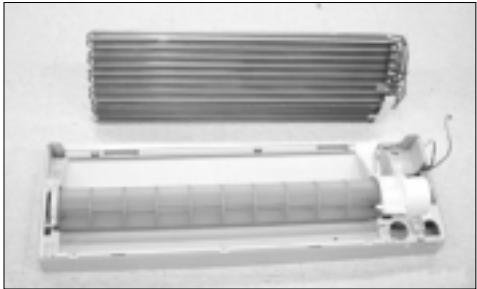
REMOCON MODEL	SEG1	SEG2	SEG3	SEG4	SEG5	SEG6	SEG7	SEG8	SEG9	SEG10	SEG11	SEG12
SH24TP6(A)	0	8	5	4	1	6	1	d	0	3	8	4
AQT24P6GB	0	8	5	4	1	7	1	d	0	3	8	4
AQT24P6GE	0	8	5	4	1	6	1	d	0	3	8	4
AQ24P6GB	0	8	5	2	d	5	1	d	0	3	9	5
SH18ZP0(A)	0	8	6	1	1	5	1	d	0	3	5	1
AQT18P0GB	0	8	5	4	1	7	1	d	0	3	5	1
AQT18P0GE	0	8	5	4	1	7	1	d	0	3	6	2
AQ18P0GB	0	8	5	1	1	5	1	d	0	3	5	1
AQ18P0GE	0	8	6	1	1	5	1	d	0	3	5	1

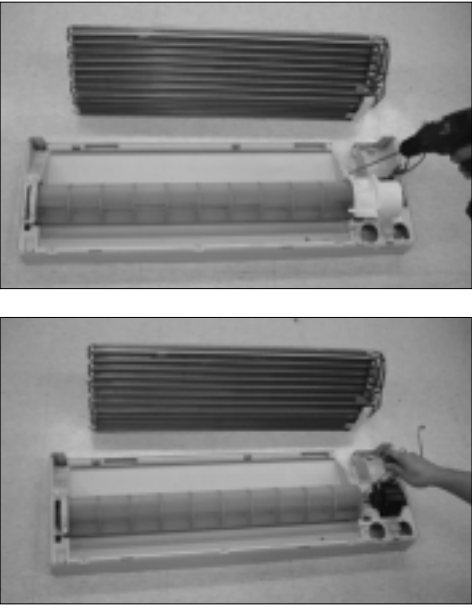
3. Disassembly and Reassembly

Stop operation of the air conditioner and remove the power cord before repairing the unit.

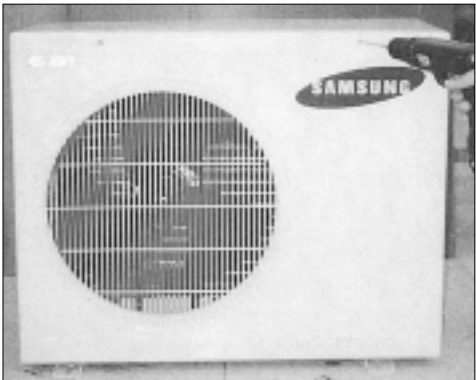
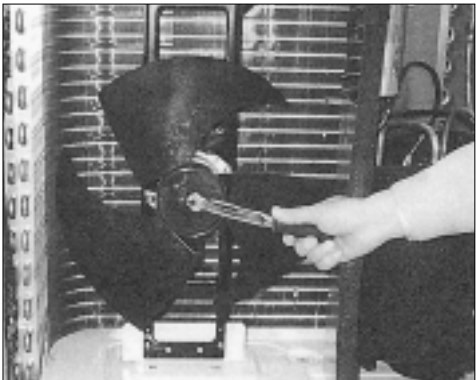
3-1 Indoor Unit

No	Parts	Procedure	Remark
1	Front Panel	1) Stop the air conditioner operation and block the main power. 2) Separate tape of front panel upper. 3) Slide the lower front grille down, then disassemble it by pulling it forwards. 4) Open the upper front grille by pulling right and left sides of the grille. 5) Take the left and right filter out. 6) Loosen one of the right screw and separate the terminal cover. 7) Separate the thermistor from the front grille. 8) Loosen 5 fixing screws of front grille. 9) Pull the lower left and right of discharge softly for the outside cover to be pulled out. 10) In order to disassemble the panel grille, press, in order, the left, center, and right of the upper side of the panel grille with the palm of the hand to remove the hook. And then disassemble the panel grille.	    

No	Parts	Procedure	Remark
2	Electrical Parts (Main PCB)	1) Do "1", above. 2) Take all the connector of PCB upper side out. (Including Power cord) 3) Separate the outdoor unit connection wire from the terminal block. 4) If pulling the Main PCB up. It will be taken out.	
3	Ass'y Tray Drain.	1) Do "1", "2", above. 2) Separate the drain hose from the extension drain hose. 3) Pull tray drain out from the back body.	
4	Heat Exchanger	1) Do "1", "2", "3", above. 2) Loosen 2 fixing earth screws of right side. 3) Separate the connection pipe. 4) Separate the holder pipe at the rear side. 5) Loosen 3 fixing screws of right and left side. 6) Separate the heat exchanger from the indoor unit.	  

No	Parts	Procedure	Remark
5	Fan Motor and Cross Fan	1) Do "1", "2", "3", "4", above. 2) Loosen 2 fixing screws and separate the motor holder. 3) Loosen 1 fixing screw of fan motor. (M3 wrench) 4) Separate the fan motor from the fan. 5) Separate the fan from the left holder bearing.	

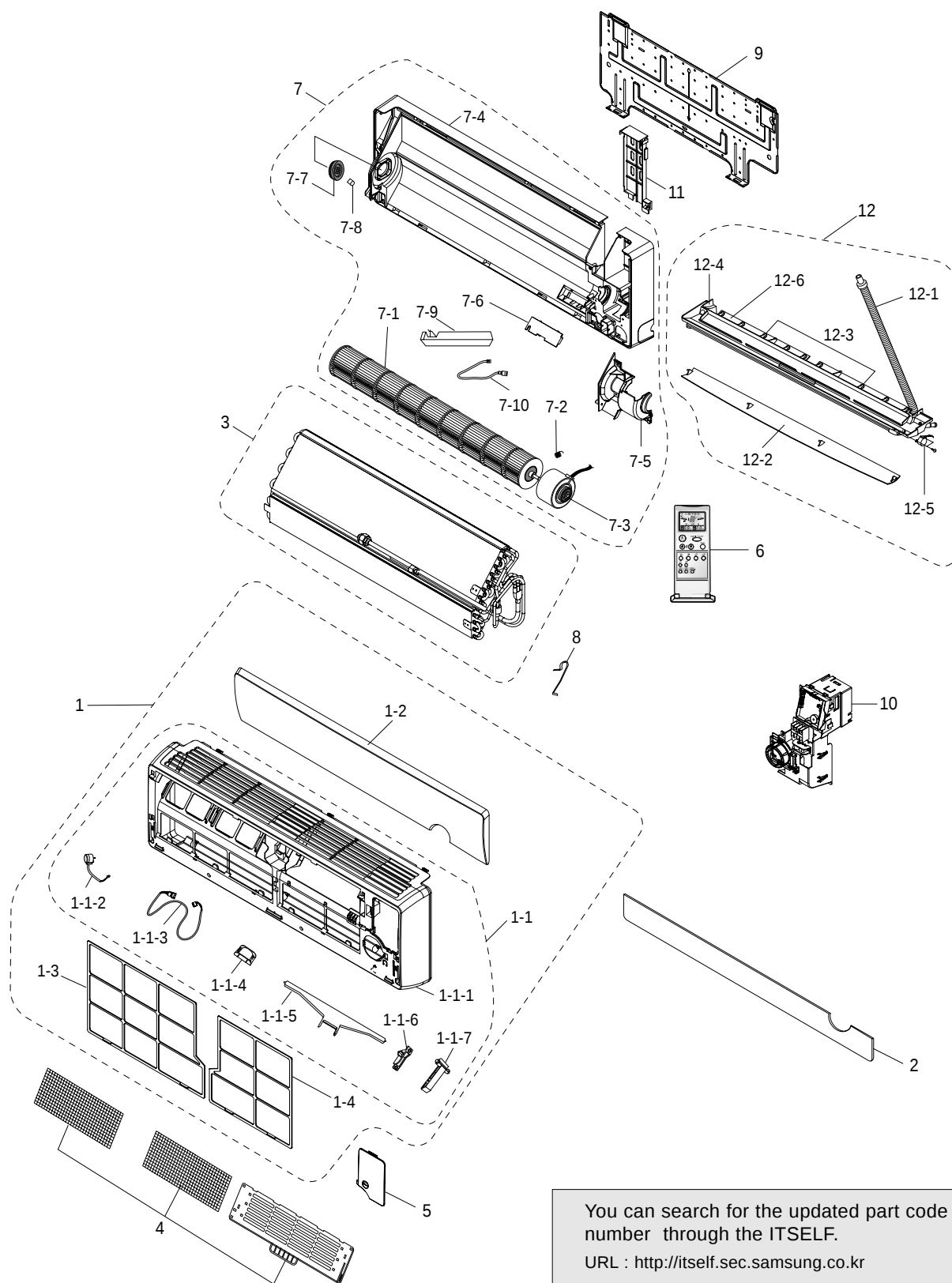
3-2 Outdoor Unit

No	Parts	Procedure	Remark
1	Cabinet	1) Turn off the unit and remove the power cable. 2) Remove the top cover. 3) Remove the control box cover. 4) Unplug the ass'y cable. 5) Remove the cabi-side. 6) Remove the cabi-front. * When you assemble the parts, check if the each parts and electric connectors are fixed firmly.	
2	Fan Motor & Propeller Fan	1) Do Procedure "1" above. 2) Remove the nut flange. (Turn to the right to remove as it is a left turned screw) 3) Disassemble the propeller fan.	

MEMO

4. Exploded Views and Parts List

4-1 Indoor Unit

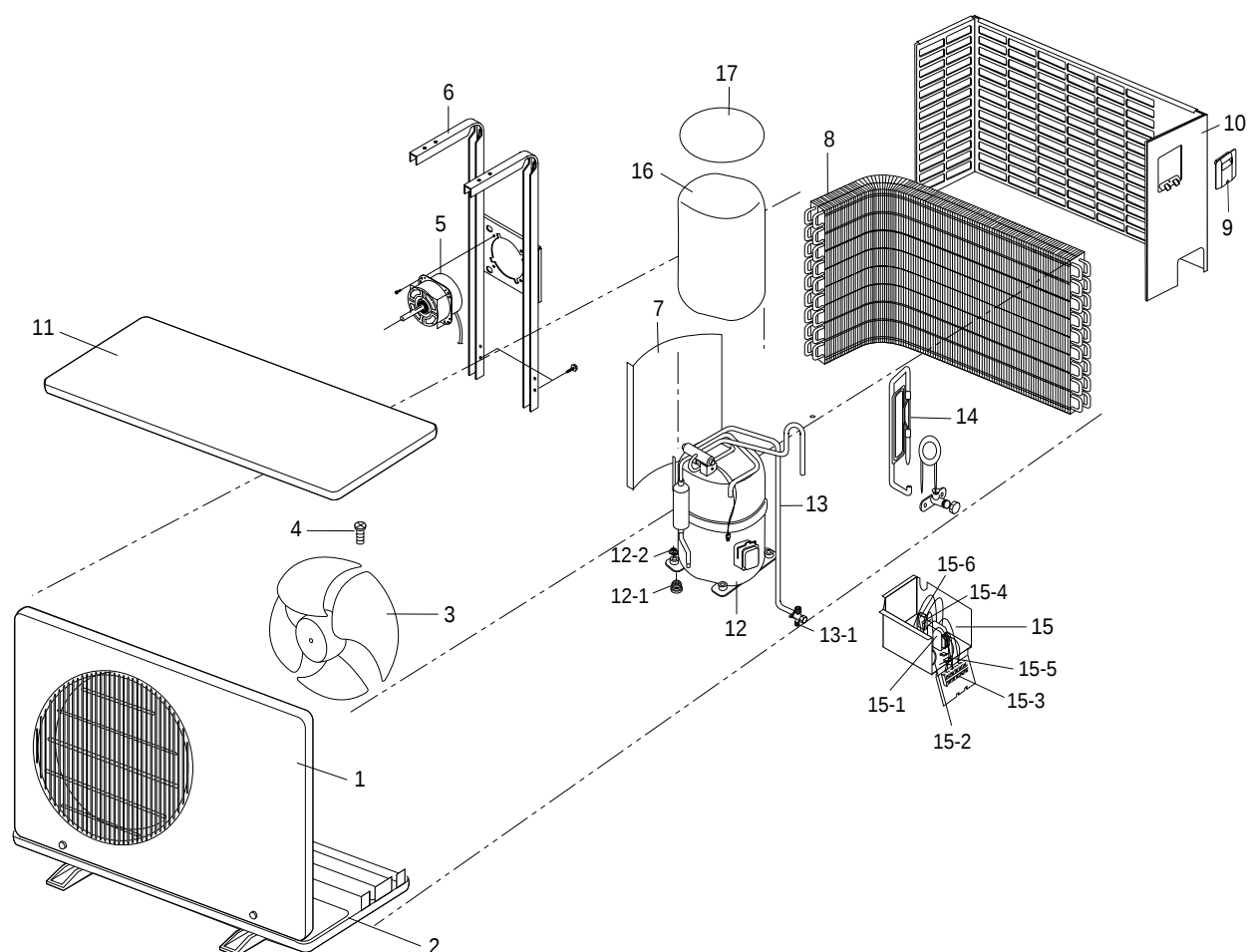


■ Indoor Unit Parts List

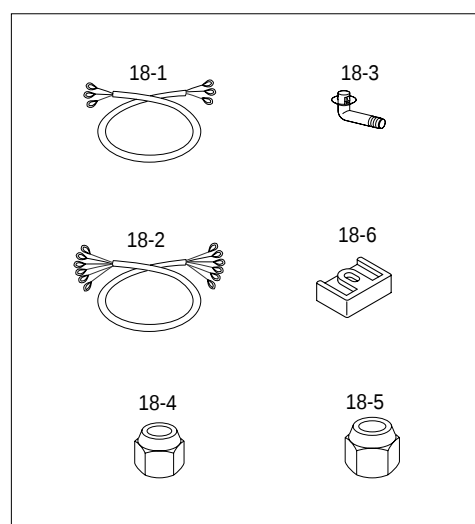
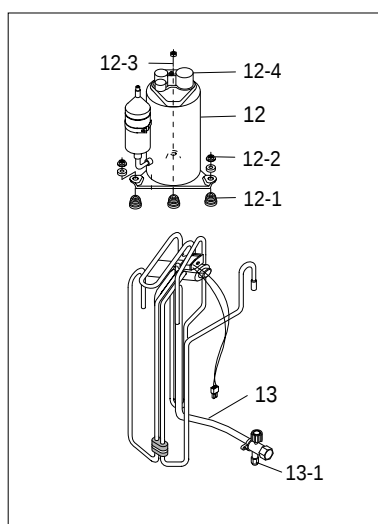
No.	Code No.	Description	Specification	Q'TY				Remark
				SH24TP6	**24**	SH18ZP0	**18**	
1	DB92-00447A	ASSY PANEL FRONT-TOTAL	ASSY	1	1	1	1	
1-1	DB92-00471A	ASSY PANEL FRONT-SUB	ASSY	1	1	1	1	
1-1-1	DB92-00386A	ASSY PANEL FRONT	ASSY	1	1	1	1	
1-1-2	DB31-00195A	MOTOR STEPPING	-	1	1	1	1	
1-1-3	DB39-00780A	CONNECT WIRE-STEP MOTOR	-	1	1	1	1	
1-1-4	DB61-01114A	HOLDER MOTOR DC	HIPS	1	1	1	1	
1-1-5	DB61-01144A	HINGE GRILLE	HIPS	1	1	1	1	
1-1-6	DB61-01116A	GUIDE LINK	HIPS	1	1	1	1	
1-1-7	DB66-00366A	LINK MOTOR	ABS	1	1	1	1	
1-2	DB64-00670A	GRILLE UP	HIPS	1	1	1	1	
1-3	DB63-00596A	FILTER-AIR LF	PP	1	1	1	1	
1-4	DB63-00597A	FILTER-AIR RH	PP	1	1	1	1	
2	DB92-00449A	ASSY GRILLE LOW SUB	ASSY	1	1	1	1	
3	DB96-02345A	ASSY EVAP-TOTAL	ASSY	-	-	1	1	
	DB96-02345C	ASSY EVAP-TOTAL	ASSY	1	1	-	-	
4	DB95-00367F	ASSY FILTER BIO	ASSY	1	1	1	1	
5	DB63-00594A	COVER TERMINAL	HIPS	1	1	1	1	
6	DB93-01452G	ASSY REMOCON	ASSY	1	1	1	1	
7	DB94-00298E	ASSY BACK BODY	ASSY	1	1	1	1	
7-1	DB94-00040J	ASSY CROSS FAN	ASSY	1	1	1	1	
7-2	DB60-20011A	BOLT SPECIAL	-	1	1	1	1	
7-3	DB31-10151C	MOTOR-FAN IN	-	1	1	1	1	
7-4	DB61-01135A	BACK BODY	HIPS	1	1	1	1	
7-5	DB61-01136A	HOLDER-MOTOR	PP	1	1	1	1	
7-6	DB63-00580A	COVER-IONIZER	HIPS	1	1	1	1	
7-7	DB73-00128A	RUBBER BEARING	-	1	1	1	1	
7-8	DB94-40007A	BEARING MOTOR	-	1	1	1	1	
7-9	DB93-01629A	ASSY IONIZER	ASSY	1	1	1	1	
7-10	DB93-01383D	ASSY CONNECTOR WIRE ION	-	1	1	1	1	
8	DB67-60030A	SPRING SENSOR	-	1	1	1	1	
9	DB70-00295A	HANGER PLATE	SGCC-M	1	1	1	1	
10	DB93-01824A	ASSY CONTROL IN	ASSY	1	-	1	-	
	DB93-01636A	ASSY CONTROL IN	ASSY	-	1	-	1	
11	DB61-01137A	HOLDER-PIPE	HIPS	1	1	1	1	
12	DB94-00300A	ASSY TRAY DRAIN	ASSY	1	1	1	1	
12-1	DB94-00062B	ASSY HOSE DRAIN	ASSY	1	1	1	1	
12-2	DB61-01141A	BLADE-H	ABS	1	1	1	1	
12-3	DB61-01142A	BLADE-V	PP	1	1	1	1	
12-4	DB63-00598A	TRAY DRAIN	ABS	1	1	1	1	
12-5	DB31-10154A	STEPPING MOTOR	-	1	1	1	1	
12-6	DB63-00699A	GUARD-SAFETY WIRE	-	1	1	1	1	

4-2 Outdoor Unit

■ 24K BTU



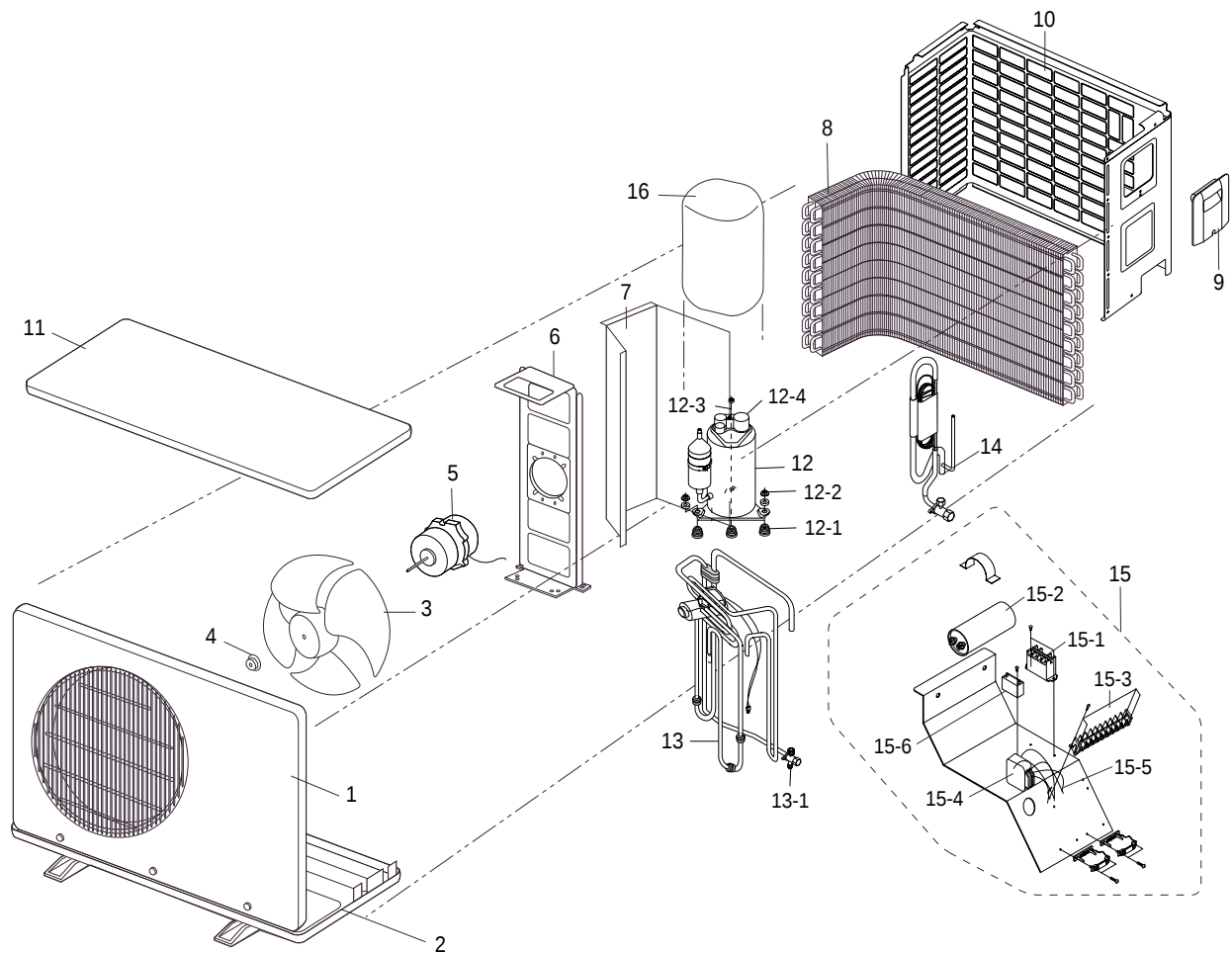
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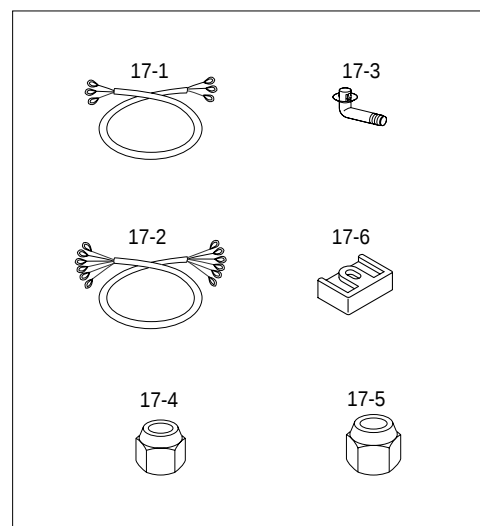
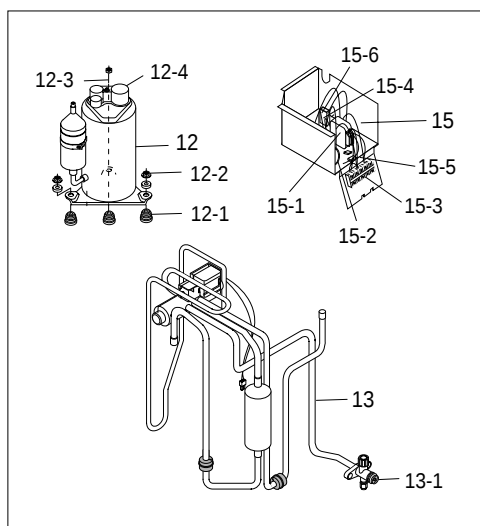
■ Outdoor Unit Parts List

No.	Code No.	Description	Specification	Q'TY				Remark
				SH24TP6(A)X	UQT24P6GB	UQT24P6GE	UQ24P6GB	
1	DB90-00652E	ASSY CABI-FRONT	ASSY	-	-	1	1	
	DB90-00652F	ASSY CABI-FRONT	ASSY	-	1	-	-	
	DB90-00652V	ASSY CABI-FRONT	ASSY	1	-	-	-	
2	DB90-20210N	ASSY BASE OUT	ASSY	-	-	1	-	
	DB90-20210A	ASSY BASE OUT	ASSY	-	1	-	-	
	DB90-20210R	ASSY BASE OUT	ASSY	-	-	-	1	
	DB90-20210T	ASSY BASE OUT	ASSY	1	-	-	-	
3	DB67-50074A	FAN-PROPELLER	AS+G/F20%	1	1	1	1	
4	DB60-20020A	BOLT SPECIAL	M8 L25	1	1	1	1	
5	DB31-00027E	MOTOR FAN OUT	OSME-906SRC	1	-	1	-	
	DB31-00027F	MOTOR FAN OUT	OSM-906SRC	-	1	-	1	
6	DB95-20147A	ASSY-MOTOR B/K	ASSY	1	1	1	1	
7	DB94-00080A	ASSY PARTITION	ASSY	-	-	1	1	
	DB94-00080C	ASSY PARTITION	ASSY	1	-	-	-	
	DB94-50039G	ASSY PARTITION	ASSY	-	1	-	-	
8	DB96-01526B	ASSY COND-UNIT	ASSY	1	-	1	1	
	DB96-01353A	ASSY COND-UNIT	ASSY	-	1	-	-	
9	DB90-40176B	ASSY-COVER CONTROL	ASSY	1	1	1	1	
10	DB64-60160E	CABINET-SIDE	SC-90073T	-	-	1	1	
	DB64-60160F	CABINET-SIDE	SC-90073T	1	-	-	-	
	DB64-60160G	CABINET-SIDE	SC-90073T	-	1	-	-	
11	DB90-10616D	ASSY-CABI UPPER	ASSY	-	1	1	1	
	DB90-10616K	ASSY-CABI UPPER	ASSY	1	-	-	-	
12	DB95-00343A	COMPRESSOR	H23B303ABKA	1	-	1	-	
	DB95-10351E	COMPRESSOR	AWG5528EXN	-	1	-	-	
	55A260IU2EM	COMPRESSOR	ROTARY	-	-	-	1	
12-1	DB73-10008A	GROMMET-MOUNT	EPDM	4	-	4	-	
	DB73-00082A	GROMMET-MOUNT	EPDM	-	-	-	3	
12-2	DB60-30028A	NUT-WASHER	M8	4	4	4	3	
12-3	DB60-30018A	NUT-FLANGE	M5	-	-	-	1	
12-4	DB63-10165D	COVER-TERMINAL	NOTYL	-	-	-	1	
13	DB99-00313A	ASSY-4WAY V/V	ASSY	1	-	1	-	
	DB99-10135D	ASSY-4WAY V/V	ASSY	-	1	-	-	
	DB99-00314A	ASSY-4WAY V/V	ASSY	-	-	-	1	
13-1	DB62-40055F	PACKED V/V 5/8"	20LT/MIN	1	1	1	-	
	DB62-00899B	PACKED V/V 5/8"	-	-	-	-	1	
14	DB99-00166B	ASSY VALVE CHECK	ASSY	1	-	1	1	
	DB99-10138B	ASSY VALVE CHECK	ASSY	-	1	-	-	
15	DB93-00679E	ASSY CONTROL OUT	ASSY	-	-	1	-	
	DB93-00679F	ASSY CONTROL OUT	ASSY	-	1	-	-	
	DB93-01162D	ASSY CONTROL OUT	ASSY	-	-	-	1	
	DB93-01846A	ASSY CONTROL OUT	ASSY	1	-	-	-	
15-1	3501-001200	RELAY-POWER	7-22MS	1	-	1	-	
	3501-001199	RELAY-POWER	-	-	1	-	-	
	3501-001184	RELAY-POWER	-	-	-	-	1	
15-2	2501-001239	CAPACITOR	45uF/450VAC	1	-	1	-	
	2501-001237	CAPACITOR	35uF/450VAC	-	1	-	-	
	2501-001240	CAPACITOR	50uF/450VAC	-	-	-	1	
15-3	DB65-00040A	TERMINAL BLOCK	8P	1	1	1	1	
15-4	DB95-90026B	SPARK KILLER	-	1	1	1	1	
15-5	3601-000236	FUSE	2A,250V	1	1	1	1	
15-6	2301-001379	C-FILM, MPE-PPF	4uF/450VAC	1	1	1	1	
16	DB62-01330A	CLOTH-COMP SOUND	FELT	-	-	1	-	
	DB72-50622A	CLOTH-COMP SOUND	FELT	-	1	-	-	
	DB72-00703A	CLOTH-COMP SOUND	FELT	-	-	-	1	
	DB62-02102A	CLOTH-COMP SOUND	FELT	1	-	-	-	
17	DB72-50614A	CLOTH-COMP UP	FELT	-	1	-	-	
	DB72-00702A	CLOTH-COMP UP	FELT	-	-	-	1	
	DB62-02103A	CLOTH-COMP UP	FELT	1	-	-	-	
18-1	DB39-20546E	CONNECT WIRE-POWER	-	-	1	-	1	
	DB39-20546B	CONNECT WIRE-POWER	-	-	-	1	-	
18-2	DB39-00171A	CONNECT WIRE-ASSY	-	-	1	-	1	
	DB39-00171B	CONNECT WIRE-ASSY	-	-	-	1	-	
18-3	DB67-20011A	DRAIN PLUG OUT	PP	1	-	-	-	
18-4	DB60-30010A	NUT FLARE 1/4"	C3771BD	2	-	-	-	
18-5	DB60-30010D	NUT FLARE 5/8"	C3771BD	2	-	-	-	
18-6	DB73-20134A	RUBBER-LEG	NR	4	-	-	-	

■ 18K BTU



•UQT18**



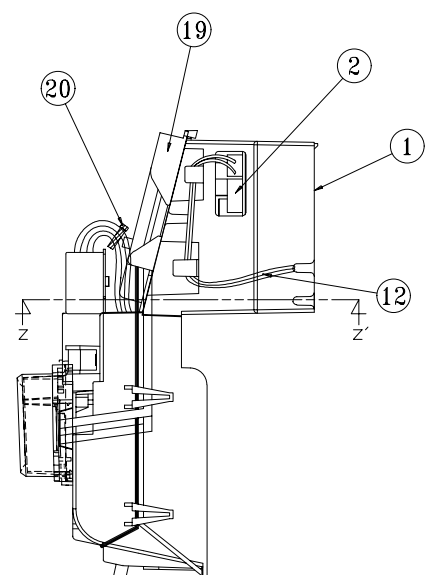
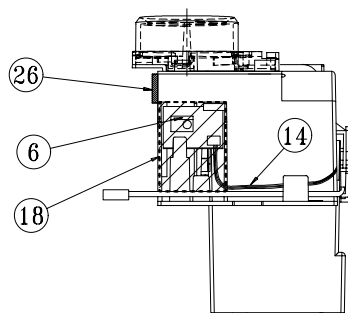
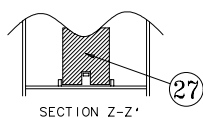
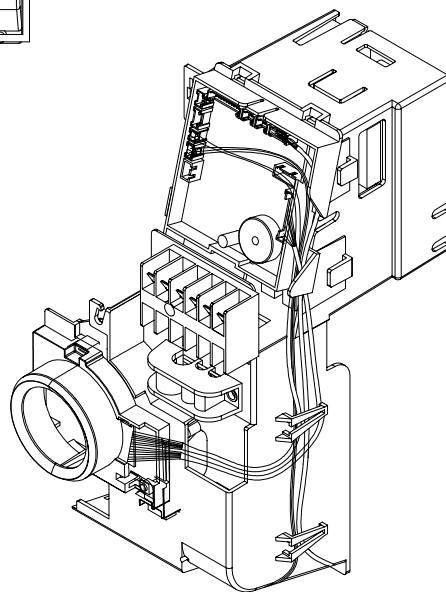
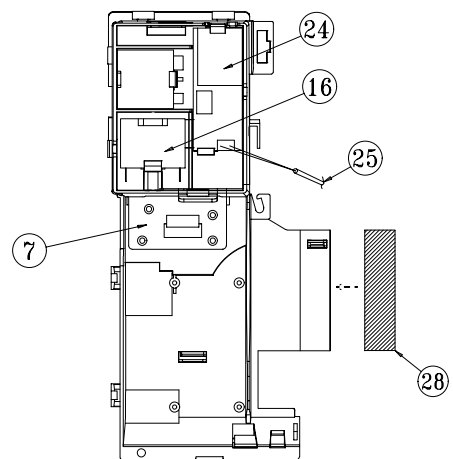
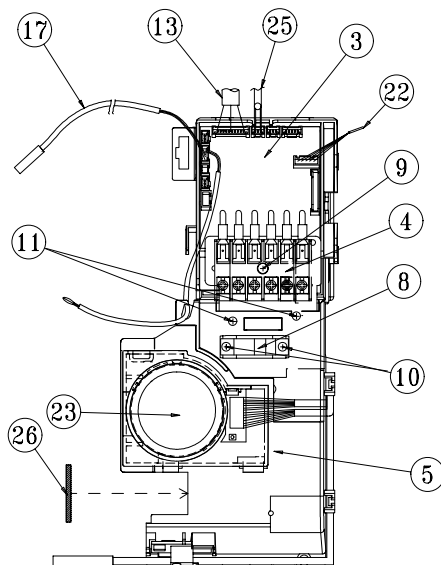
■ Outdoor Unit Parts List

No.	Code No.	Description	Specification	Q'TY					Remark
				SH182P0(A)X	UQT18P0GB	UQT18P0GE	UQ18P0GB	UQ18P0GE	
1	DB90-00653Q	ASSY CABI-FRONT	ASSY	1	-	1	-	1	
	DB90-00653P	ASSY CABI-FRONT	ASSY	-	1	-	-	-	
	DB90-00653K	ASSY CABI-FRONT	ASSY	-	-	-	1	-	
2	DB90-20160H	ASSY-BASE OUT	ASSY	1	-	-	1	1	
	DB90-20160L	ASSY-BASE OUT	ASSY	-	1	1	-	-	
3	DB67-50063A	FAN-PROPELLER	AS+G/F20%	1	1	1	1	1	
4	DB60-30020A	NUT-FLANGE	M6,CCW	1	1	1	1	1	
5	DB31-00056C	MOTOR FAN OUT	ASS-030AVEB	1	-	-	-	1	
	DB31-00056D	MOTOR FAN OUT	ASS-030ZTEC	-	1	-	1	-	
	DB31-00056E	MOTOR FAN OUT	IC-9430SLJ5B	-	-	1	-	-	
6	DB61-20008C	BASE-MOTOR	SGCC-M	1	1	1	1	1	
7	DB94-00165B	ASSY PARTITION	ASSY	1	-	-	-	1	
	DB94-50034F	ASSY PARTITION	ASSY	-	1	1	-	-	
	DB94-00165A	ASSY PARTITION	ASSY	-	-	-	1	-	
8	DB96-01524B	ASSY COND-UNIT	ASSY	1	-	-	1	1	
	DB96-01352A	ASSY COND-UNIT	ASSY	-	1	1	-	-	
9	DB90-40176B	ASSY-COVER CONTROL	ASSY	1	1	1	1	1	
10	DB90-10671N	ASSY-CABI BACK	ASSY	1	-	-	-	1	
	DB90-10671M	ASSY-CABI BACK	ASSY	-	1	1	-	-	
	DB90-10671J	ASSY-CABI BACK	ASSY	-	-	-	1	-	
11	DB90-10613E	ASSY CABI-UP	ASSY	1	1	1	-	1	
	DB90-10613D	ASSY CABI-UP	ASSY	-	-	-	1	-	
12	48B180JV2EH	COMPRESSOR	ROTARY	1	-	-	-	1	
	55A200IT1EM	COMPRESSOR	ROTARY	-	1	-	-	-	
	55A200JT1EM	COMPRESSOR	ROTARY	-	-	1	-	-	
	48D190IU1EH	COMPRESSOR	ROTARY	-	-	-	1	-	
12-1	DB73-00067A	GROMMET ISOLATOR	NR	3	-	-	-	3	
	DB73-00082A	GROMMET ISOLATOR	NR	-	3	3	3	-	
12-2	DB60-30028A	NUT-WASHER	M8	3	3	3	3	3	
12-3	DB60-30018A	NUT-FLANGE	M5	1	1	1	1	1	
12-4	DB63-10165D	COVER-TERMINAL	NOTYL	1	1	1	1	1	
13	DB99-00290A	ASSY VALVE 4WAY	ASSY	1	-	-	-	1	
	DB99-00260B	ASSY VALVE 4WAY	ASSY	-	1	-	-	-	
	DB99-00260C	ASSY VALVE 4WAY	ASSY	-	-	1	-	-	
	DB99-00195B	ASSY VALVE 4WAY	ASSY	-	-	-	1	-	
13-1	DB62-00898B	VALVE SERVICE	1/2"	1	1	1	1	1	
14	DB99-00312B	ASSY VALVE CHECK	ASSY	1	-	-	-	1	
	DB99-10136J	ASSY VALVE CHECK	ASSY	-	1	-	-	-	
	DB99-00312A	ASSY VALVE CHECK	ASSY	-	-	1	-	-	
	DB99-00175A	ASSY VALVE CHECK	ASSY	-	-	-	1	-	
15	DB93-00673A	ASSY-CONTROL OUT	ASSY	1	-	-	1	1	
	DB93-01757A	ASSY-CONTROL OUT	ASSY	-	1	1	-	-	
15-1	3501-001184	RELAY-POWER	30mS	1	-	1	1	1	
15-2	2501-001238	CAPACITOR	40uF/450VAC	1	-	-	1	1	
	2501-001239	CAPACITOR	45uF/450VAC	-	1	1	-	-	
15-3	DB65-00040A	TERMINAL BLOCK	8P	1	1	1	1	1	
15-4	DB95-90026B	SPARK KILLER	ASSY	1	1	1	1	1	
15-5	3601-000236	FUSE	2A,250V	1	1	1	1	1	
15-6	2301-001370	MOTOR CAPACITOR	2.5uF/450VAC	1	1	1	1	1	
16	DB62-02009A	CLOTH SOUND	FELT	1	-	-	-	1	
	DB72-00681A	CLOTH SOUND	FELT	-	1	1	-	-	
	DB72-50537A	CLOTH SOUND	FELT	-	-	-	1	-	
17-1	DB39-20546E	CONNECT WIRE-POWER	-	-	1	-	1	-	
	DB39-20546B	CONNECT WIRE-POWER	-	-	-	1	-	1	
17-2	DB39-00171A	CONNECT WIRE-ASSY	-	-	1	-	1	-	
	DB39-00171B	CONNECT WIRE-ASSY	-	-	-	1	-	1	
17-3	DB67-20011A	DRAIN PLUG OUT	PP	1	-	-	-	-	
17-4	DB60-30010A	NUT FLARE 1/4"	C3771BD	2	-	-	-	-	
17-5	DB60-30010C	NUT FLARE 1/2"	C3771BD	2	-	-	-	-	
17-6	DB73-20134A	RUBBER-LEG	NR	4	-	-	-	-	

4-3 Ass'y Control In (Indoor Unit)

■ DB93-01824A : SH18(24)*P*

DB93-01636A : SH18(24)*P*A, AQ*18(24)P*G*

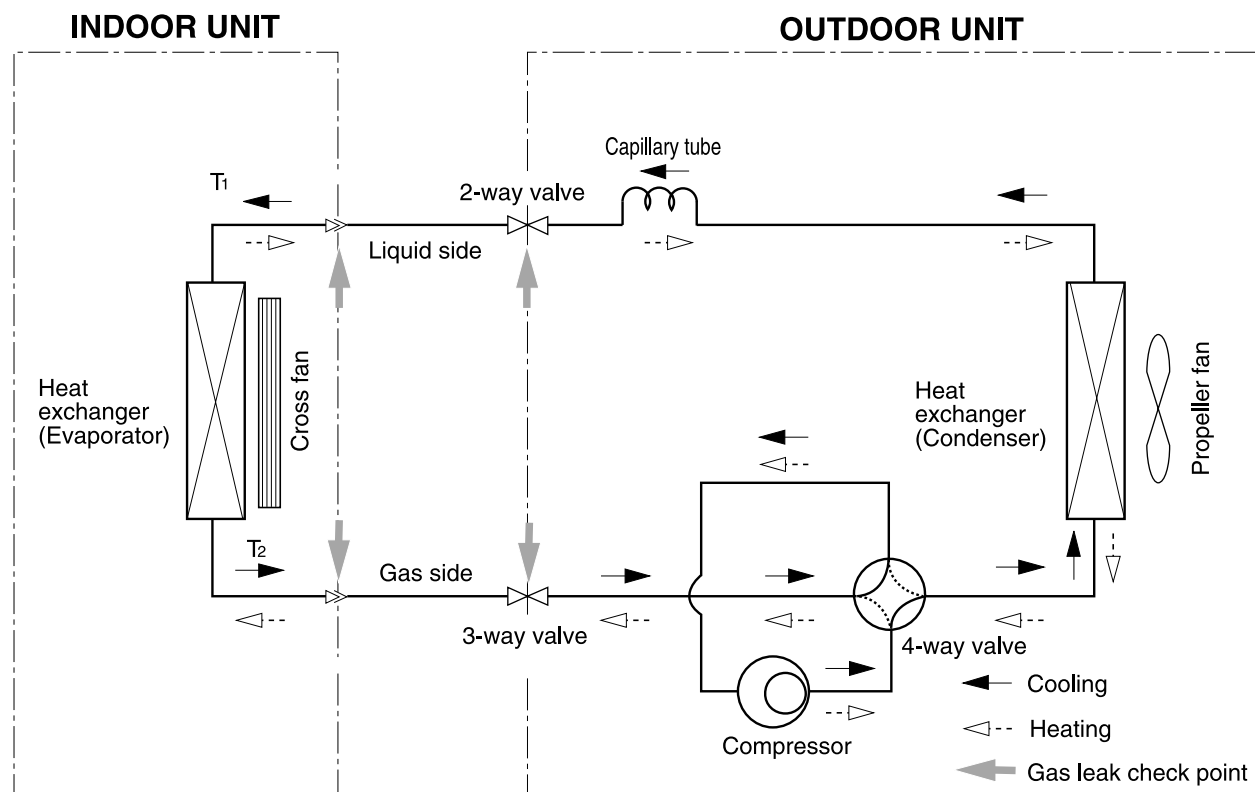


■ Parts List

No.	Code No.	Description	Specification	Q'TY		Remark
				SH24TP6 SH18ZP0	SH24TP6A SH18ZP0A AQ*24P6G* AQ*18P0G*	
1	DB93-01143A	CASE-CONTROL AC	ABS	1	1	
2	DB93-01324C	ASSY-MAIN PCB (AC)	ASSY	1	1	
3	DB93-01325F	ASSY-MAIN PCB (DC)	ASSY	1	1	
4	DB93-00096A	ASSY-TERMINAL BLOCK	ASSY	1	1	
5	DB93-01368D	ASSY-S/W & DISPLAY PCB	ASSY	1	-	
	DB93-01368C	ASSY-S/W & DISPLAY PCB	ASSY	-	1	
6	DB93-01369B	ASSY-MODULE PCB	ASSY	1	1	
7	DB70-00277A	PLATE-TERMINAL LOW	SGCC-M, T1.2	1	1	
8	DB61-00171A	HOLDER-WIRE CLAMP	ABS	1	1	
9	-	SCREW-MACHINE	PH M3 x L22	1	1	SNA
10	-	SCREW-MACHINE	TH M4 x L16	2	2	SNA
11	-	SCREW-MACHINE	TH M4 x L10	2	2	SNA
12	DB93-01386A	ASSY-C/W MOTOR CAPACITOR	ASSY	1	1	
13	DB93-01384A	ASSY-C/W AC/DC CONNECTION	ASSY	1	1	
14	DB93-01380A	ASSY-C/W MODULE PCB	ASSY	1	1	
15	DB93-01543A	C/W STEP MOTOR UP/DOWN	ASSY	1	1	
16	2301-001371	CAPACITOR	1.2uF, 450VAC	1	1	
17	DB32-00020H	ASSY-THERMISTOR	4P (103AT)	1	1	
18	-	SEAL	61x40x3, 30FOAM-PE	1	1	SNA
19	DB61-01106A	CASE CONTROL(DC)	HIPS V0	1	1	
20	-	CABLE TIE	DA-140	1	1	SNA
21	-	POWER CORD	-	-	1	
22	DB39-00780B	ASSY C/W AUTO GRILLE	ASSY	1	1	
23	DB64-00763A	HALRF MIRROR	95, T1.5	1	1	
24	DB93-01387A	ASSY PCB HVPS	DC12V/DC4.7KV	1	1	
25	DB93-01381A	ASSY C/W HVPS(12V)	ASSY	1	1	
26	DB62-01838L	SEAL-CASE CONTROL	FLOCKED, BLK, T1x45x22	1	1	
27	DB62-02015A	SEAL-CASE CONTROL IN	FOAM-PE	1	1	
28	DB62-01838Y	SEAL-CASE CONTROL	FLOCKED, BLK, T1x77x20	1	1	

5. Block Diagrams

5-1 Refrigerating Cycle Block Diagram



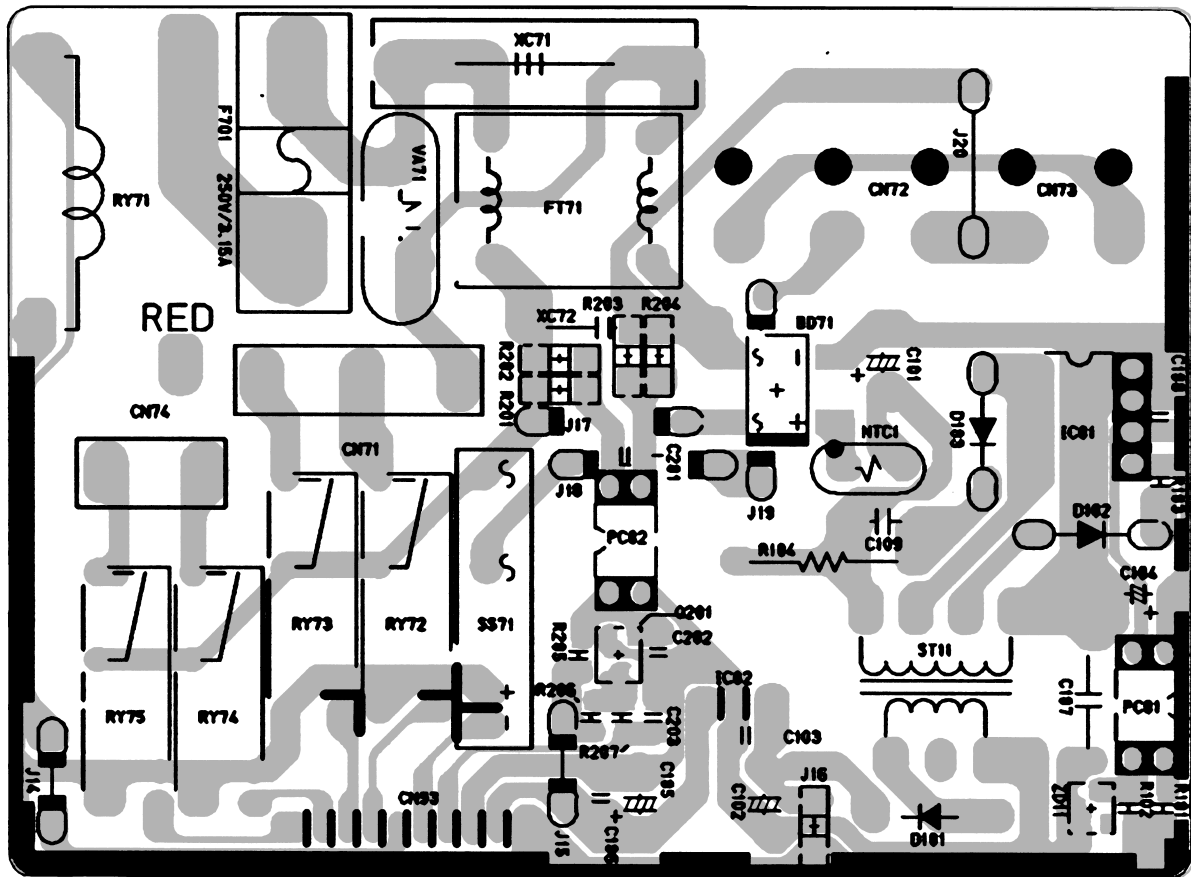
6-1 MAIN PCB (AC) : DB93-01324C

	OPT11	OPT12	OPT13	OPT14	OPT15	OPT16 (XC71)
DB93-01324A	○	○	×	×	×	220nF/250V
DB93-01324B	×	×	×	×	×	220nF/250V
DB93-01324C	○	○	○	×	○	220nF/250V
DB93-01324D	○	×	○	×	○	220nF/250V
DB93-01324E	○	○	○	○	○	220nF/250V
DB93-01324F	○	×	○	○	○	220nF/250V

■ Parts List

No	Location No.	Description	Specification	Q'TY	Remark
1	C101	C-AL	10uF,20%,450V,GP,TP,10x20mm,5	1	SNA
2	C102	C-AL	470uF,20%,25V,GP,TP,10x16,5	1	SNA
3	C104	C-AL	47uF,20%,50V,GP,TP,6.3x11,5	1	SNA
4	C105	C-AL	470uF,20%,16V,GP,TP,10x12.5,5	1	SNA
5	C107	C-CERAMIC,DISC	2.2nF,20%,400V,Y5U,TP,12.5x6,10	1	SNA
6	C109	C-CERAMIC,DISC	100nF,20%,1KV,TP,6	1	SNA
7	XC71	C-FILM,MPEF	220NF,10%,275V,BK,26.5x8.5x17MM,22.5	1	SNA
8	XC72	C-FILM,MPEF	100nF,10%,275V,BK,18x6x12,15	1	SNA
9	FT71	CHOKE-COIL	LS404190M,AS-S660,19MH,+50,-30%,300MOHM,2A,-,-,-	1	SNA
10	CN71	CONNECTOR-HEADER	1WALL,3P/5P,1R,3.96mm,STRAIGHT,SN	1	SNA
11	CN72	CONNECTOR-HEADER	1WALL,5P,1R,3.96mm,ANGLE,SN	1	SNA
12	CN73	CONNECTOR-HEADER	1WALL,2P/3P,1R,3.96mm,ANGLE,SN	1	SNA
13	CN74	CONNECTOR-HEADER	1WALL,3P,1R,3.96mm,STRAIGHT,SN	1	SNA
14	CN93	CONNECTOR-HEADER	BOX,10P,1R,-,STRAIGHT,SN	1	SNA
15	D101	DIODE-RECTIFIER	UG2D,200V,2A,DO-204AC,TP	1	SNA
16	D103	DIODE-RECTIFIER	UF4007,1KV,1A,DO-41,TP	1	SNA
17	D102	DIODE-SWITCHING	1N4148,100V,200mA,DO-35,TP	1	SNA
18	F701	FUSE-CARTRIDGE	250V,3.15A,TIME-LAG,GLASS,5x20mm	1	SNA
19	IC01	IC-PWM CONTROLLER	VIPER12ADIP,DIP,8P,300MIL,PLASTIC	1	SNA
20	IC02	IC-VOLT REGU	78L05A,TO-92,3P,-,PLASTIC,4.6/	1	SNA
21	PC01	PHOTO-COUPLER	TR,130-260%,200mW,DIP-4,ST	1	SNA
22	PC02	PHOTO-COUPLER	TR,50-150%,200mW,DIP-4,ST	1	SNA
23	RY72,RY73,RY74,RY75	RELAY-MINIATURE	DC12V,3A 250V AC,-,-,10MS,10MS	3	SNA
24	RY71	RELAY-POWER	12VDC,0.9W,75mA,SPST,MAX 20msec,10mS	1	SNA
25	R104	R-METAL OXIDE(S)	91Kohm,5%,2W,AA,TP,4x12mm	1	SNA
26	SS71	SSR	12Vdc,-,2A,1mS,1mS	1	SNA
27	NTC1	THERMISTOR-NTC	22ohm,1.4A,3100K,9.5MW/C,-,7.0,-	1	SNA
28	ST11	TRANS	S/W TRANS;-G-P/J,EE1916-V10,-,-,-	1	SNA
29	VA71	VARISTOR	560V,2500A,17.5x7.5mm,TP	1	SNA

■ BOTTOM

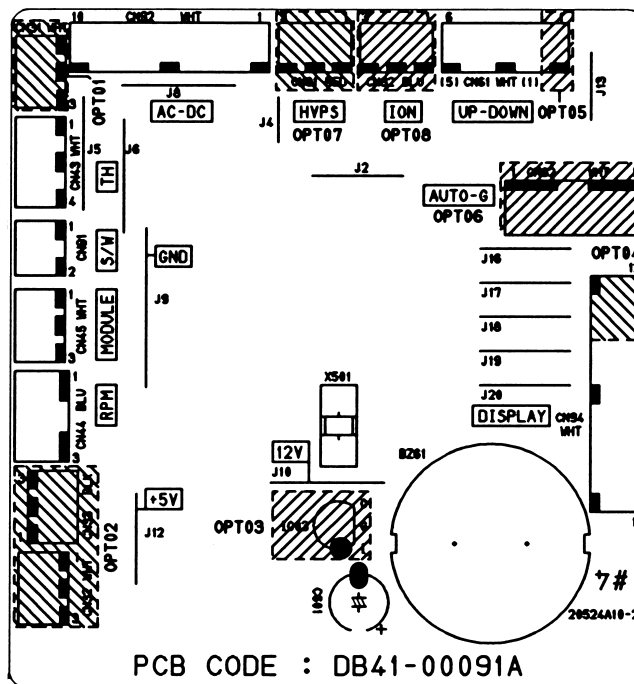


■ Parts List

No	Location No.	Description	Specification	Q'TY	Remark
1	BD71	DIODE-BRIDGE	DF06S,600V,1A,SMD-4,TP	1	SNA
2	C103,C106,C108,C201	C-CERAMIC,CHIP	100nF,+80-20%,50V,Y5V,TP,2012,	4	SNA
3	C202,C203	C-CERAMIC,CHIP	10nF,+80-20%,50V,Y5V,TP,2012	2	SNA
4	Q201	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	1	SNA
5	R101	R-CHIP	100ohm,5%,1/10W,DA,TP,2012	1	SNA
6	R102	R-CHIP	2.2Kohm,5%,1/10W,DA,TP,2012	1	SNA
7	R103	R-CHIP	6.8ohm,5%,1/10W,DA,TP,2012	1	SNA
8	R201,R202,R203,R204	R-CHIP	100Kohm,5%,1/4W,DA,TP,3216	4	SNA
9	R205	R-CHIP	10Kohm,5%,1/10W,DA,TP,2012	1	SNA
10	R206,R207	R-CHIP	1Kohm,5%,1/10W,DA,TP,2012	2	SNA
11	ZD11	DIODE-ZENER	BZX84-C11,10.4-11.6V,350MW,SOT-23,TP	1	SNA

6-2 MAIN PCB (DC) : DB93-01325F

■ TOP

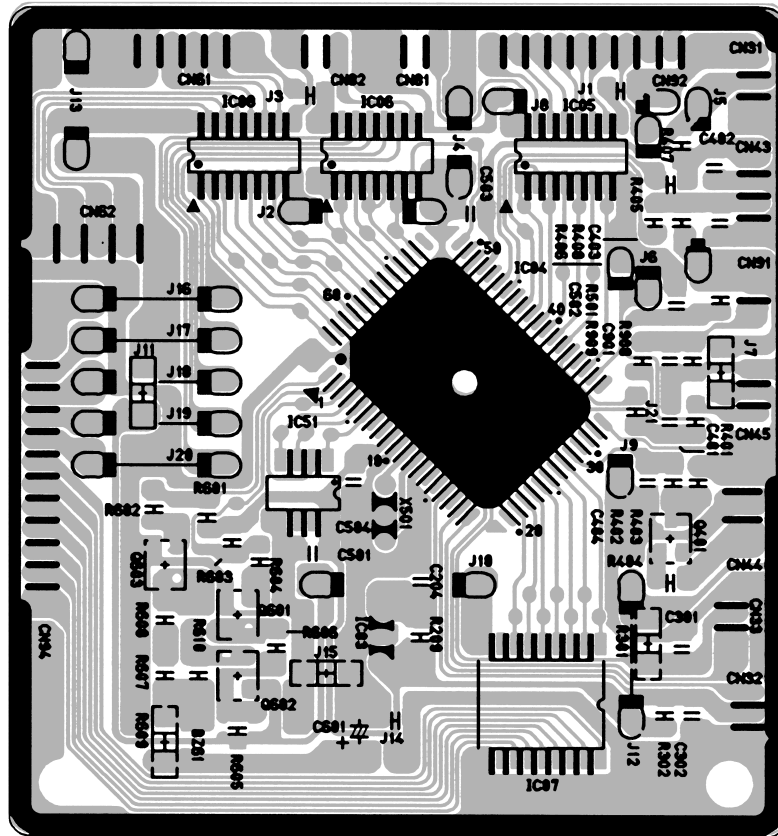


ASS'Y PCB	OPT01	OPT02	OPT03	OPT04 (CN94)	OPT05 (CN61)	OPT06	OPT07	OPT08
DB93-01325A	x	x	x	SMW200-09(WHT)	SMW200-05(WHT)	x	x	x
DB93-01325B	x	x	x	SMW200-12(WHT)	SMW200-05(WHT)	o	x	o
DB93-01325C	x	x	x	SMW200-12(WHT)	SMW200-05(WHT)	o	o	o
DB93-01325E	x	x	x	SMW200-09(WHT)	SMW200-06(WHT)	x	x	x
DB93-01325F	x	x	x	SMW200-12(WHT)	SMW200-06(WHT)	o	x	o
DB93-01325G	x	x	x	SMW200-12(WHT)	SMW200-06(WHT)	o	o	o
DB93-01325J	x	x	x	SMW200-12(WHT)	SMW200-05(WHT)	o	o	x
DB93-01325K	x	x	x	SMW200-12(WHT)	SMW200-05(WHT)	o	x	x
DB93-01325L	x	x	x	SMW200-12(WHT)	SMW200-06(WHT)	o	o	x

■ Parts List

No	Location No.	Description	Specification	Q'TY	Remark
1	BZ61	BUZZER-PIEZO	BUZZER-PIEZO;80DB,9V,-,2.0KHZ,-	1	SNA
2	X501	RESONATOR-CERAMIC	10MHz,0.5%,TP,10.0x5.0x8.0mm	1	SNA
3	C601	C-AL	47uF,20%,50V,GP,TP,6.3x11.5	1	SNA
4	CN31	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN	1	SNA
5	CN32	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN	1	SNA
6	CN33	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN	1	SNA
7	CN43	CONNECTOR-HEADER	BOX,4P,1R,2MM,STRAIGHT,SN	1	SNA
8	CN44	CONNECTOR-HEADER	BOX,3P,1R,2.5mm,STRAIGHT,SN	1	SNA
9	CN45	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN	1	SNA
10	CN61	CONNECTOR-HEADER	BOX,5P,1R,2MM,STRAIGHT,SN	1	SNA
11	CN62	CONNECTOR-HEADER	BOX,5P,1R,2.5mm,STRAIGHT,SN	1	SNA
12	CN81	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN,RED	1	SNA
13	CN82	CONNECTOR-HEADER	BOX,3P,1R,2MM,STRAIGHT,SN,BLU	1	SNA
14	CN91	CONNECTOR-HEADER	BOX,2P,1R,2mm,STRAIGHT,SN	1	SNA
15	CN92	CONNECTOR-HEADER	BOX,10P,1R,-,STRAIGHT,SN	1	SNA
16	CN94	CONNECTOR-HEADER	BOX,12P,1R,2mm,STRAIGHT,SN	1	SNA
17	IC03	IC-VOLTAGE	7533,TO-92,3P,-,SINGLE,-,-,PLA	-	SNA

■ BOTTOM

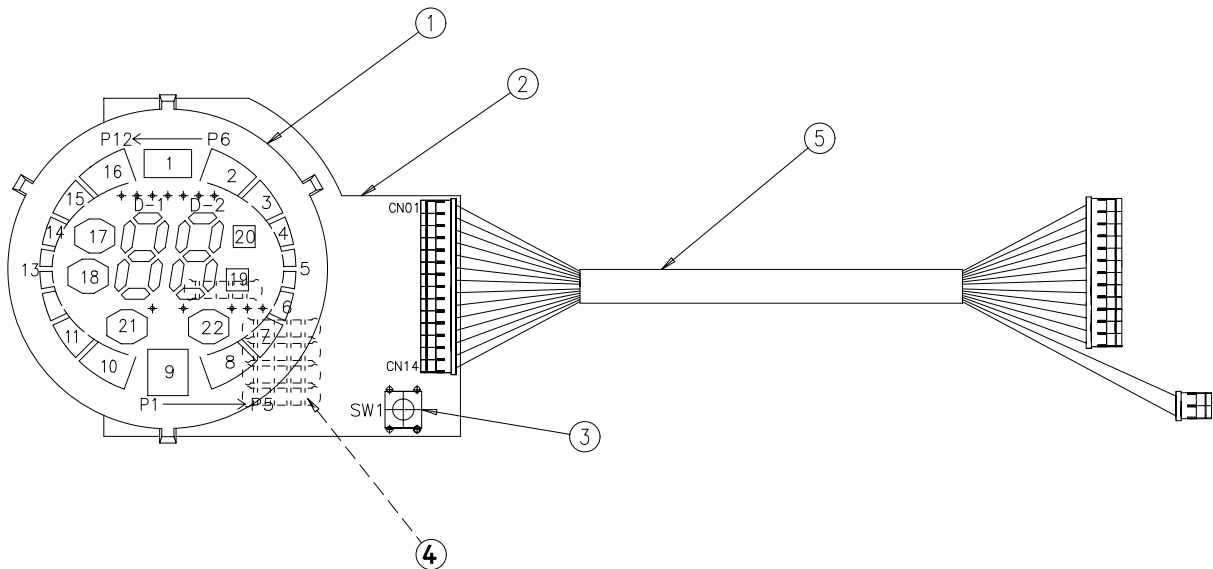


■ Parts List

No	Location No.	Description	Specification	Q'TY	Remark
1	C204,C301,C302,C402,C403 C501,C502,C503,C504,C901	C-CERAMIC,CHIP	100nF,+80-20%,50V,Y5V,TP,2012	10	SNA
2	C401	C-CERAMIC,CHIP	1nF,10%,50V,X7R,TP,2012,-	1	SNA
3	C404	C-CERAMIC,CHIP	10nF,+80-20%,50V,Y5V,TP,2012	1	SNA
4	IC04	IC-MICOM	S3C8489XZZ-QTR5,-,64,+5V,10MHZ,STM-0219-O	1	SNA
5	IC05,IC06,IC08	TR-ARRAY	2003,NPN,7,1W,SOP-16,ST,1000	3	SNA
6	IC07	IC-SOURCE DRIVER	TD62783AFW,SOL,18P,-,8,-500MA,TP,	1	SNA
7	IC51	IC-EEPROM	93LC56,128x16Bit,SOP,8P,150MIL,-,2.5V,-,	1	SNA
8	Q401,Q601,Q603	TR-SMALL SIGNAL	2SC2412K,NPN,200mW,SOT-23,TP,1	3	SNA
9	Q602	TR-SMALL SIGNAL	MMST2907A,PNP,200mW,SOT-23,TP,100-	1	SNA
10	R209,R301,R302,R401,R402 R404,R602,R604,R610	R-CHIP	1Kohm,5%,1/10W,DA,TP,2012	9	SNA
11	R403,R407,R408	R-CHIP	6.8Kohm,5%,1/10W,DA,TP,2012	3	SNA
12	R405,R406	R-CHIP	330ohm,5%,1/10W,DA,TP,2012	2	SNA
13	R501,R601,R603,R605,R908	R-CHIP	10Kohm,5%,1/10W,DA,TP,2012	5	SNA
14	R606,R909	R-CHIP	4.7Kohm,5%,1/10W,DA,TP,2012	2	SNA
15	R607,R608	R-CHIP	470ohm,5%,1/10W,DA,TP,2012	2	SNA
16	R609	R-CHIP	560ohm,5%,1/10W,DA,TP,2012	1	SNA

6-3 ASS'Y DISPLAY PCB

■ 24K/18K : DB93-01368*

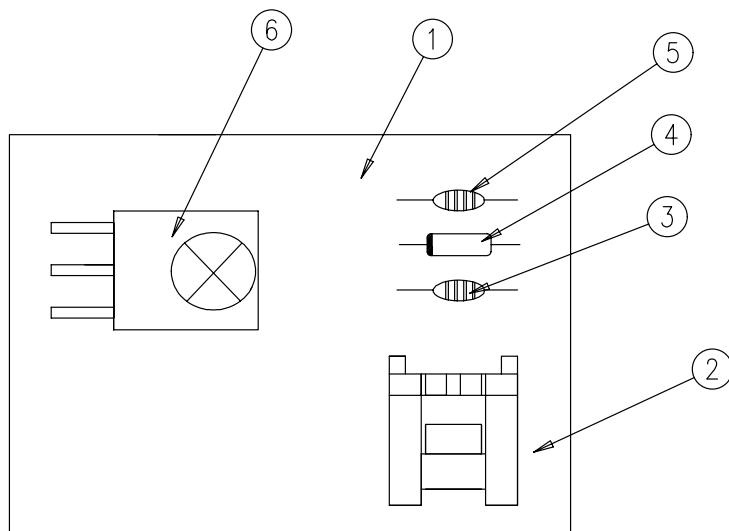


Code No.	Model Name	Remark
DB93-01368C	AQ(T)**P*G*	
DB93-01368D	SH24TP6/ SH18ZP0	

■ Parts List

No	Description	Specification	Q'TY	Remark
1	ASSY LED MODULE		1	SNA
2	PCB-DISPLAY	FR-1 T1.6	1	SNA
3	TACT SWITCH	KPT-1105A	1	SNA
4	RESISTOR	200ohm, 2W	5	SNA
5	CONNECTOR WIRE	14P	1	SNA

6-4 ASS'Y MODULE PCB : DB93-01369B

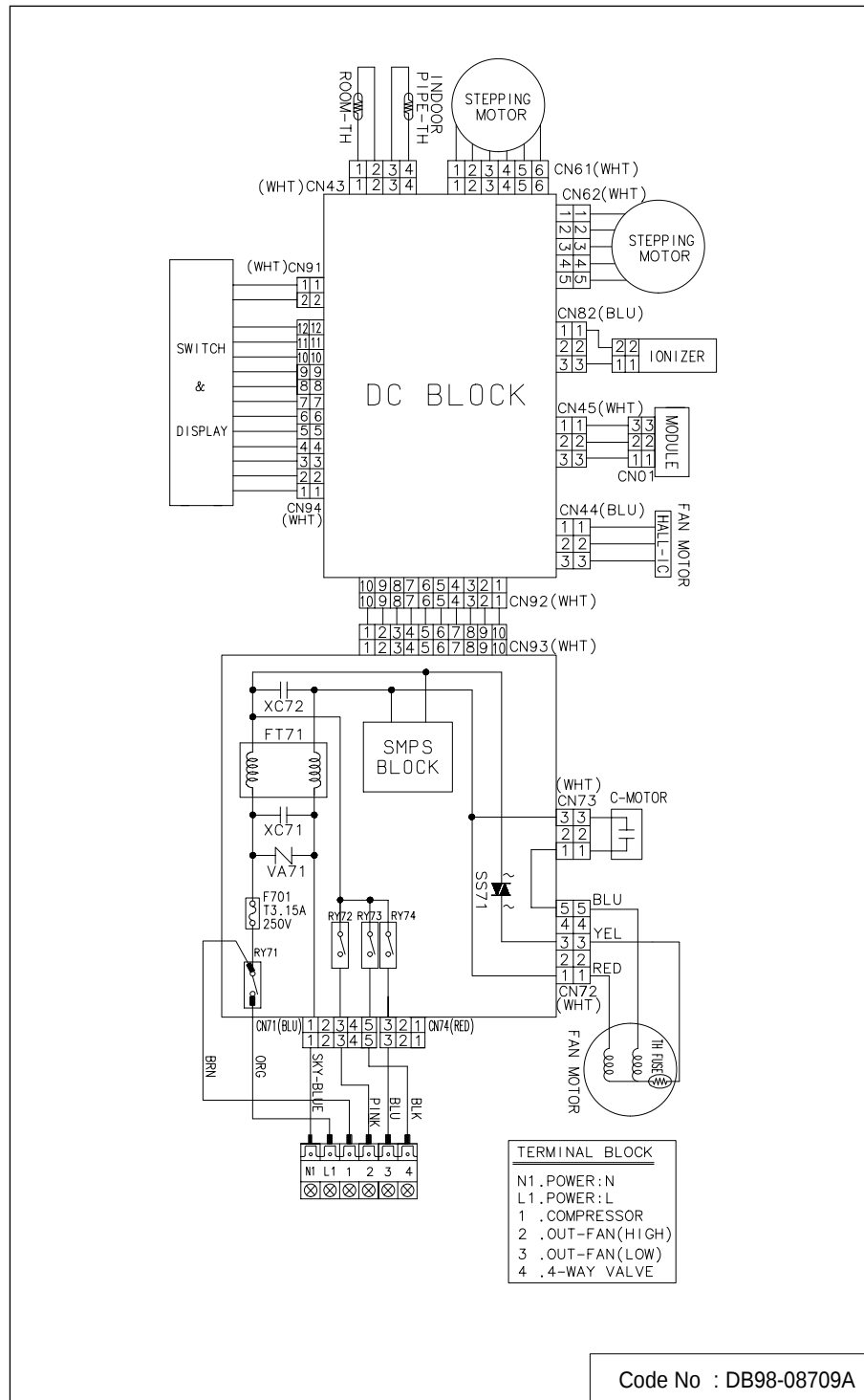


■ Parts List

No	Description	Specification	Q'TY	Remark
1	PCB MODULE	FR1 T1.6	1	SNA
2	CONNECTOR-HEADER	BOX, 3P, 1R, 2mm, ANGLE, SN	1	SNA
3	C-CERAMIC, MLC-AXIAL	1nF, 10%, 50V, Y5P, TP, 1.9 x 3.5, -	1	SNA
4	DIODE-SWITCHING	1N4148, 100V, 200mA, DO-35, TP	1	SNA
5	C-CERAMIC, MLC-AXIAL	100nF, +80-20%, 50V, Y5V, TP, 3.5 x 1	1	SNA
6	MODULE	FRP4021H7	1	SNA

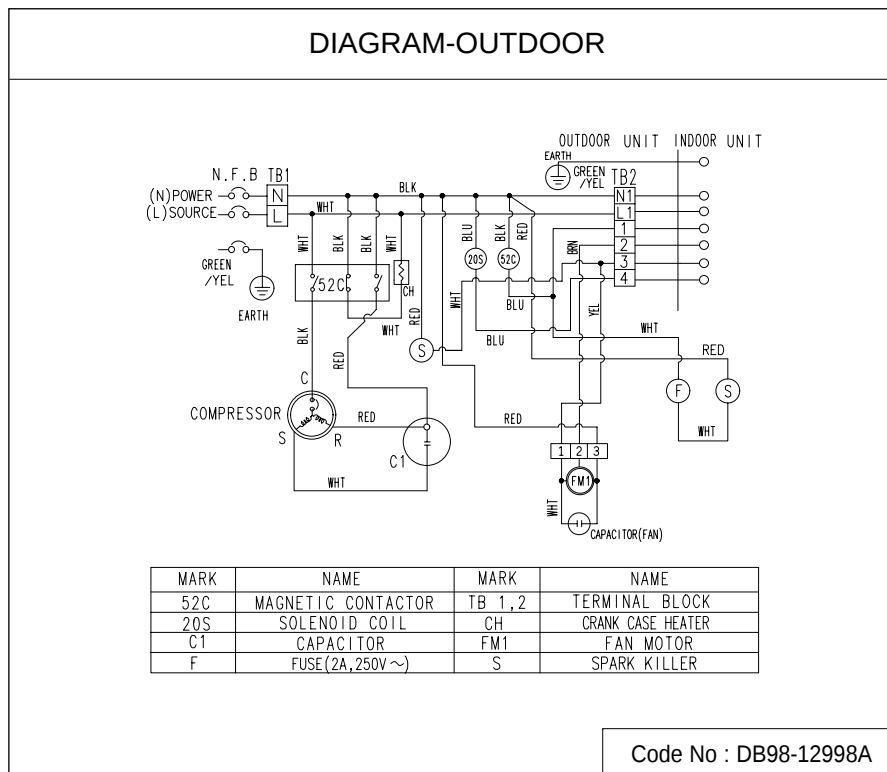
7. Wiring Diagrams

7-1 Indoor Unit

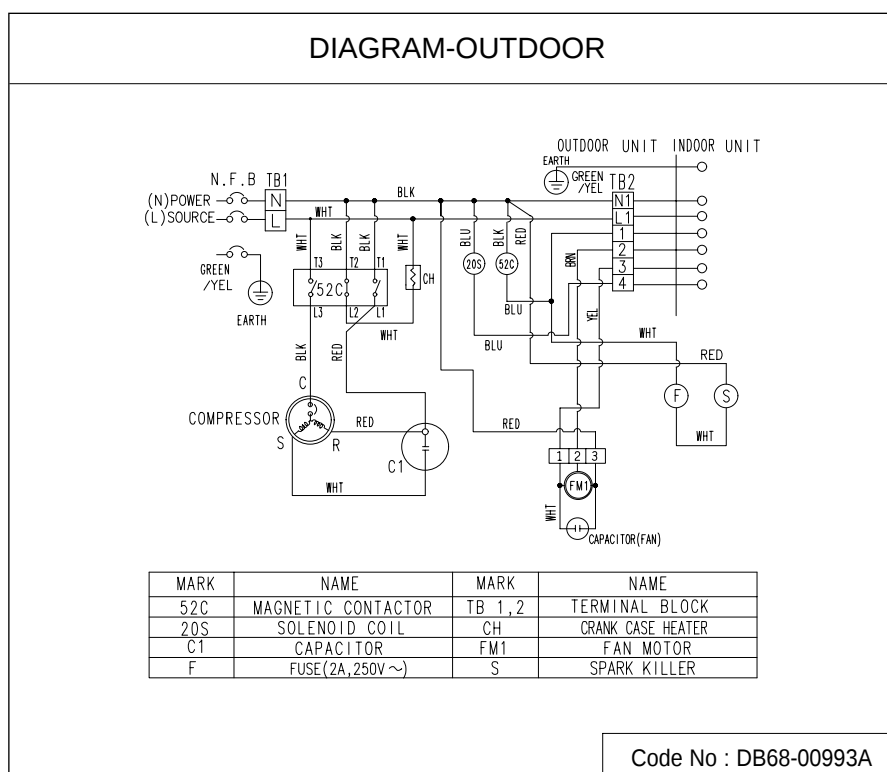


7-2 Outdoor Unit

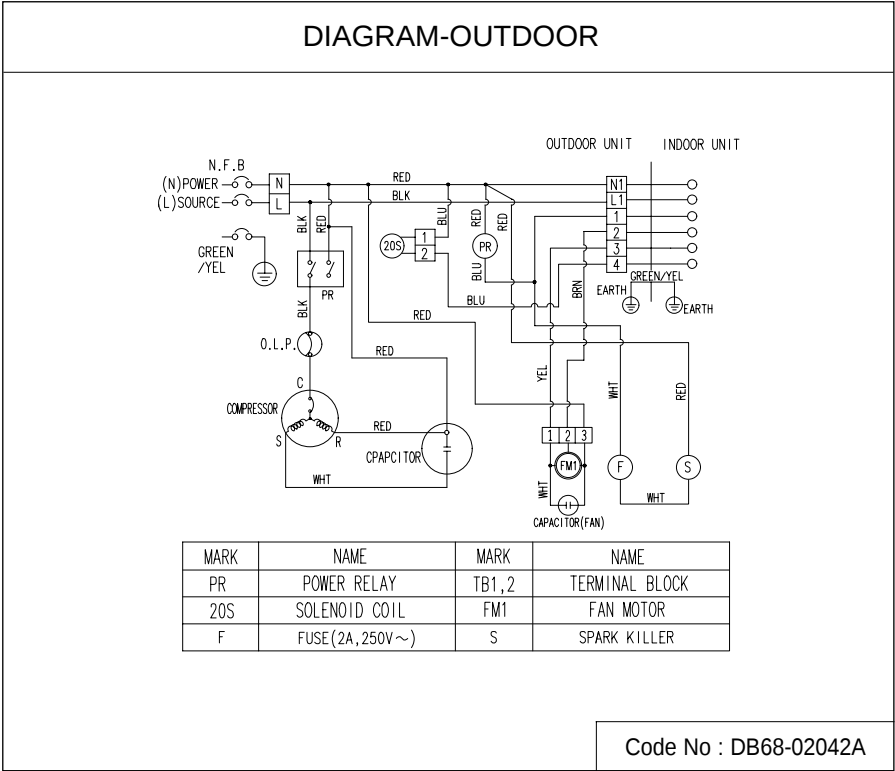
■ SH24TP6(A)X/UQT24P6GE



■ UQT24P6GB

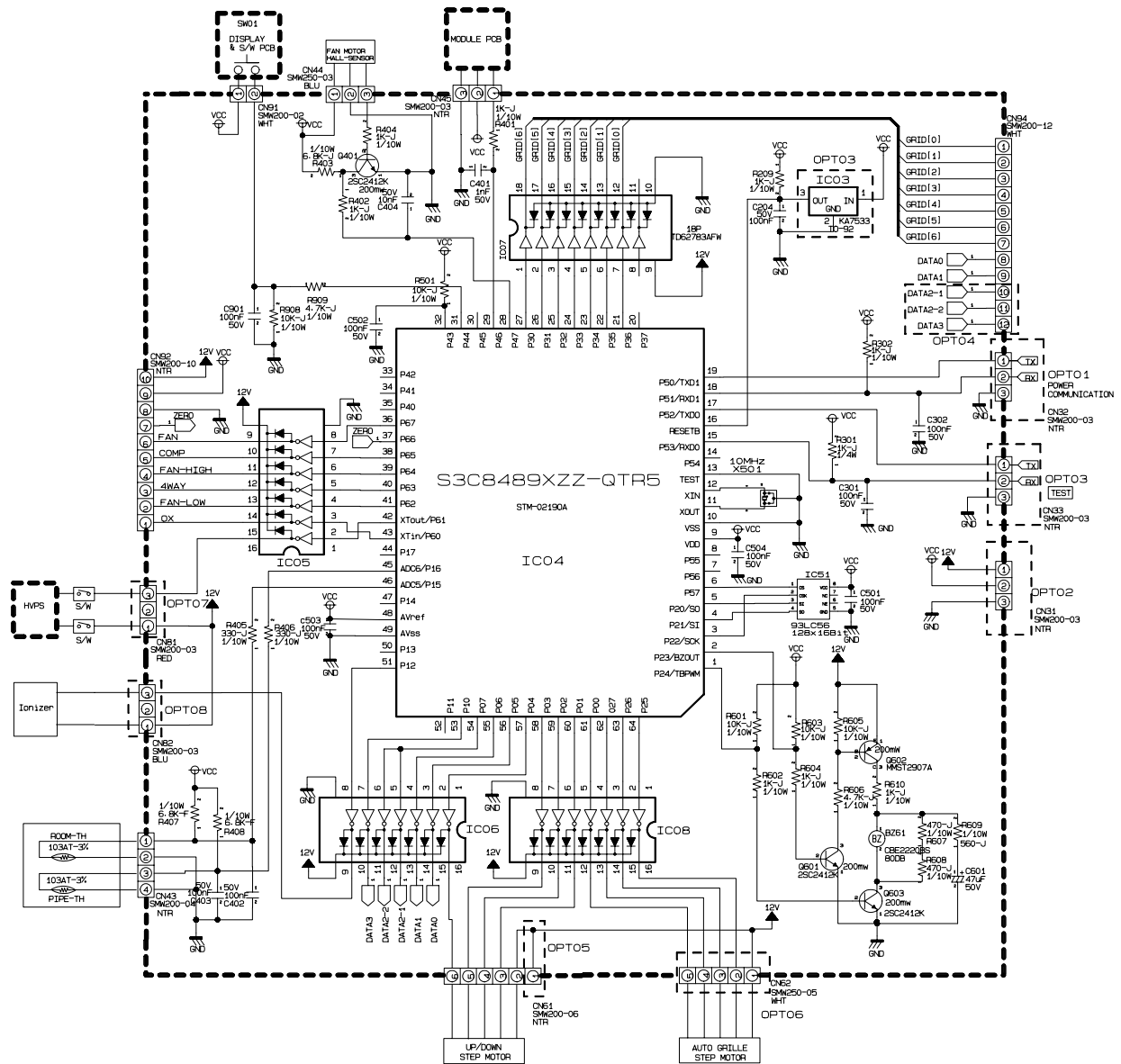


■ UQ24P6GB / SH18ZP0(A)X / UQ(T)18**



MEMO

8-1-2 24K/18K BTU (DC-PART)



UPDATE LOG SHEET				
Application date	Page	Part#	Note(Cause & Solution)	S/Bulletin#

Use this page to keep any special servicing information. (Service Bulletin, etc.)

If only parts number changes, Just change parts number directly on parts list.

And if you need more information, please see the service website.

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