

SPLIT TYPE ROOM AIR CONDITIONER

OPERATION MANUAL



HSU-10TSV13(DC)-SC
 HSU-10TSP13(DC)-SC
 HSU-12TSV13(DC)-SC
 HSU-12TSP13(DC)-SC
 HSU-18TSV13(DC)-SC
 HSU-24TSV13(DC)-SC

HSU-10VXA21
 HSU-13VXA21
 HSU-10XSV32
 HSU-13XSV32



HSU-10VTH21/10VTK21
 HSU-13VTH21/13VTK21
 HSU-19VTH21/19VTK21
 HSU-25VTH21

HSU-10VQB22
 HSU-13VQB22
 HSU-19VQB22



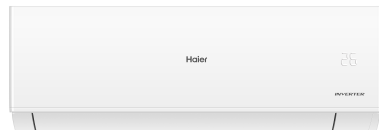
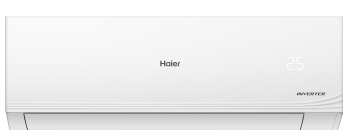
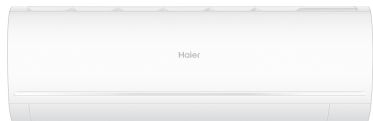
HSU-10VQA22/10VQC22
 HSU-13VQA22/13VQC22
 HSU-19VQA22/19VQC22
 HSU-25VQA22/25VQC22

HSU-10PSV32
 HSU-13PSV32
 HSU-19PSV32
 HSU-25PSV32



HSU-12ANTIRUSTCOOL(INV)(TH)
 HSU-12CLEANCOOL(INV)(TC)
 HSU-12ENERGYCOOL(INV)(TR)
 HSU-18ANTIRUSTCOOL(INV)(TH)
 HSU-18CLEANCOOL(INV)(TC)
 HSU-18ENERGYCOOL(INV)(TR)
 HSU-18UVCOOL(SMART)(INV)(PB)
 HSU-24ANTIRUSTCOOL(INV)(TH)
 HSU-24CLEANCOOL(INV)(TC)
 HSU-24ENERGYCOOL(INV)(TR)

HSU-10QSV32
 HSU-13QSV32
 HSU-19QSV32
 HSU-25QSV32



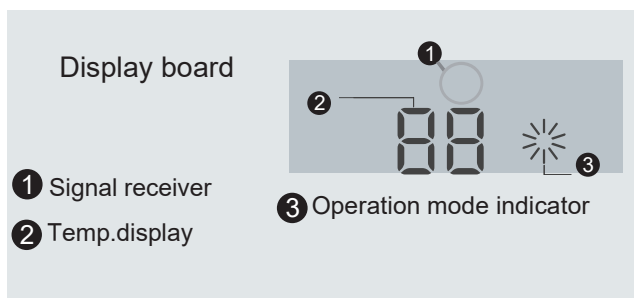
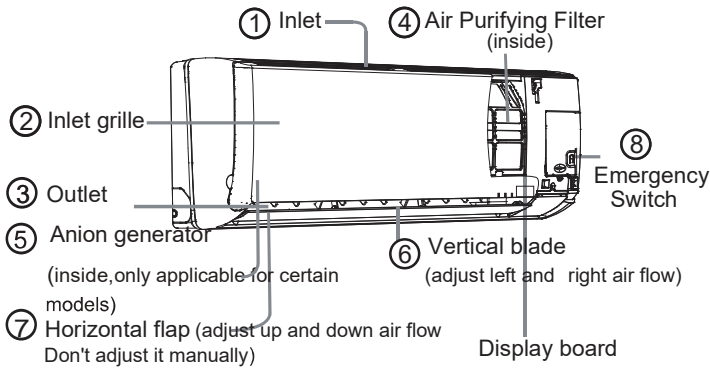
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● Please read this operation manual before using the air conditioner. Keep this operation manual for future reference.

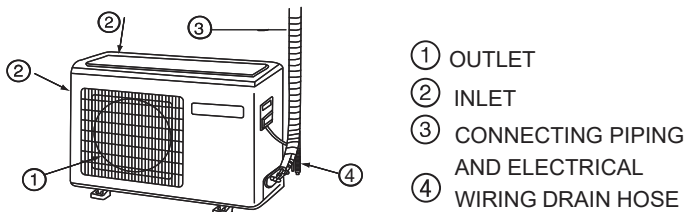
Parts and Functions

Indoor Unit

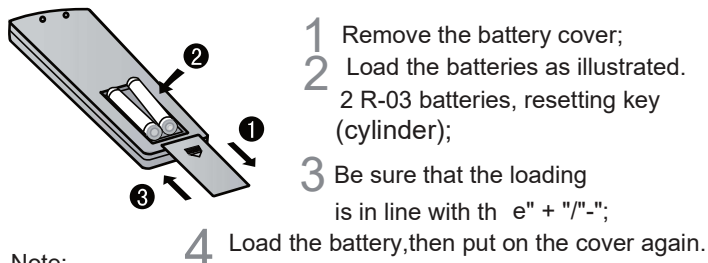


Actual inlet grille and Display board may vary from the one shown in the manual according to the product purchased

Outdoor Unit



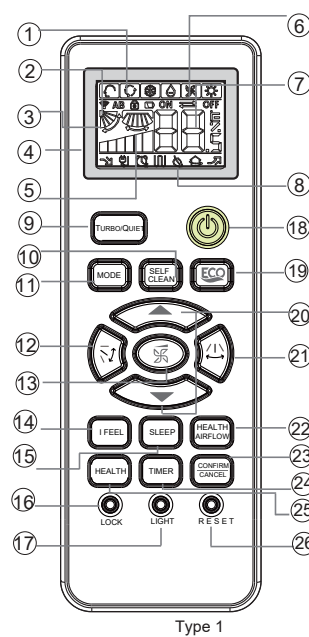
Loading of the battery



Note:

- The distance between the signal transmission head and the receiver hole should be within 7m without any obstacle as well.
- When electronic-started type fluorescent lamp or change-over type fluorescent lamp or wireless telephone is installed in the room, the receiver is apt to be disturbed in receiving the signals, so the distance to the indoor unit should be shorter.
- Full display or unclear display during operation indicates the batteries have been used up. Please change batteries.
- If the remote controller can't run normally during operation, please remove the batteries and reload several minutes later.

Remote controller

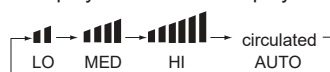


1. Mode display

Operation mode	COOL	DRY	FAN
Remote controller			

2. Signal sending

3. display SWING



5. LOCK display

6. TIMER OFF display

7. TIMER ON display

8. TEMP display Additional functions display

Operation mode	QUIET	SLEEP	HEALTH	TURBO
Remote controller				

9. TURBO/QUIET button

10. SELF CLEAN button

11. MODE button

12. SWING UP/DOWN button

13. FAN SPEED button

14. I FEEL button

15. SLEEP button

16. LOCK button

17. LIGHT button

18. POWER ON/OFF button

19. ECO button

20. TEMP button

21. SWING LEFT/RIGHT button

(only applicable for certain models)

22. HEALTH AIR FLOW button

23. CONFIRM/CANCEL button

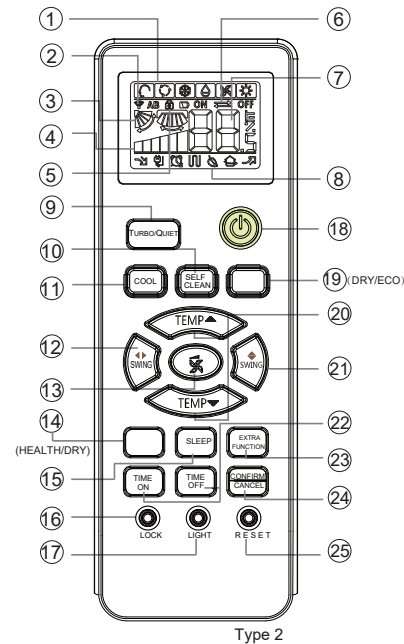
Function :Setting and cancel to the timer and other additional functions.

24. TIMER button

25. HEALTH button

26. RESET button

When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the remote.



1. Mode display

Operation mode	COOL	DRY	FAN
Remote controller			

2. Signal sending

3. display SWING

4. display FAN SPEED display



5. LOCK display

6. TIMER OFF display

7. TIMER ON display

8. TEMP display Additional functions display

Operation mode	QUIET	SLEEP	HEALTH	TURBO
Remote controller				

9. TURBO/QUIET button

10. SELF CLEAN button

11. COOL button

12. SWING LEFT/RIGHT button

(only applicable for certain models)

13. FAN SPEED button

14. HEALTH button/DRY button

(Refer to the actual remote control layout for specific functions)

15. SLEEP button

16. LOCK button

17. LIGHT button

18. POWER ON/OFF button

19. DRY button/ECO button

(Refer to the actual remote control layout for specific functions)

20. TEMP button

21. SWING UP/DOWN button

22. TIME OFF/ON button

23. EXTRA FUNCTION button

Function :FAN---Healthy airflow position1---Healthy airflow position2

Function :FAN --- Health

24. CONFIRM/CANCEL button

Function :Setting and cancel to the timer and other additional functions.

25. RESET button

When the remote controller appears abnormal, use a sharp pointed article to press this button to reset the remote.

Operation

Basic Operation

Remote controller

1. Start unit

Press ON/OFF
Start unit

2. Select operation mode

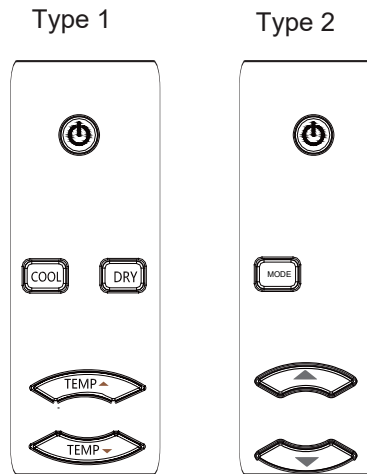
Type1:

COOL button: Cooling mode
DRY button: Dehumidify mode

Type2:MODE button:

Cooling mode /Dry mode/Fan mode

Select temp.setting



Press TEMP▲/ TEMP▼ button or ▲/ ▼ button

TEMP▲ Every time the button is pressed, temp.setting increase 1°C,if kept depressed, it will increase rapidly

TEMP▼ Every time the button is pressed, temp.setting decrease 1°C,if kept depressed, it will decrease . rapidly Select a desired temperature.

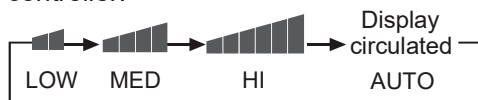
3.EXTRA FUCTION:

(Refer to the actual remote control layout for specific functions)

Press EXTRA FUNCTION button to enter additional options, when cycle display to , will flash.And then press CANCEL button enter to FAN function.

Press FAN button. For each press, fan speed changes as follows:

Remote controller:



Air conditioner is running under displayed fan speed. When FAN is set to AUTO, the air conditioner automatically adjusts the fan speed according to room temperature.

MODE

Operation Mode	Remote Controller	Note
COOL		In COOL mode,the AC unit will emit Cool air according to the remote setting on the temperature display The Setting temperature is adjustable
DRY		In DRY mode , when room temperature becomes lower than temp.setting+2° C, unit will run intermittently at LOW speed regardless of FAN setting.
FAN		In FAN operation mode , the unit will not operate in COOL or HEAT mode but only in FAN mode, AUTO is not available in FAN mode. And temp. setting is disabled. In FAN mode, sleep operation is not available.

Emergency operation and test operation

Emergency Operation:

- Use this operation only when the remote controller is defective or lost, and with function of emergency running, air conditioner can run automatically for a while.
- When the emergency operation switch is pressed, the " Pi " sound is heard once, which means the start of this operation.
- When power switch is turning on for the first time and emergency operation starts, the unit will run automatically in the following modes:

Room temperature	Designated temperature	Timer mode	Fan speed	Operation mode
Above 23°C	26°C	No	AUTO	COOL



- It is impossible to change the settings of temp. and fan speed,It is also not possible to operate in timer or dry mode.

Test operation:

Test operation switch is the same as emergency switch.

- Service personnel
- Continue to press the test operation switch for more than 5 seconds.After you hear the "Pi" sound twice,release your finger from the switch: the cooling operation starts with the air flow speed "Hi".
- Under this operation mode,the fan motor of indoor unit will run in high speed.



Air Flow Direction Adjustment

1.Status display of air flow:

Vertical flap

Pos.1 (Auto swing)

Pos.2 No initial state displayed on remote controller, the vertical flap will be fixed on the current position

2.Left and right air flow adjustment

For each press of SWING button, remote controller displays as follows :

remote controller:



Note: In some model: The remote has the button SWING , But the AC doesn't have the left and right air flow auto adjustment function, this condition change the direction of ivertical blades manually.

(the function only applicable for certain models)

Cautions:

- When adjusting the flap by hand,turn off the unit.
- When humidity is high,condensate water might occur at air outlet if all vertical louvers are adjusted to left or right.
- It is advisable not to keep horizontal flap at downward position for a long time in COOL or DRY mode ,otherwise, condensate water might occur.

Operation

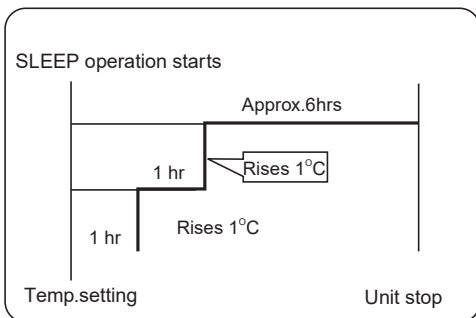
Sleep Operation

Before going to bed, you can simply press the SLEEP button and unit will operate in SLEEP mode and bring you a sound sleep.



1. Press Sleep in COOL or DRY mode

1 hours after SLEEP mode starts, temp will become 1 °C higher than temp setting. After another 1 hour, temp rises by 1 °C further. Temp is higher than temp setting so that room temperature won't be too low for your sleep. It is normal when it stops after 8 hours at sleeping mode.



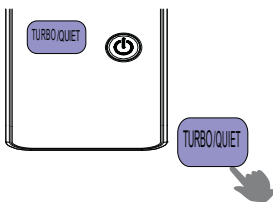
2. Set the Fan speed change when sleep operation

If the Fan speed is high or middle before setting for the sleep, set for lowering the Fan speed after sleeping. If it is low wind, no change.

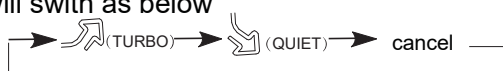
Note

When TIMER function is set, the sleeping function can't be set up. After the sleeping function is set up, if user resets TIMER function, the sleeping function will be cancelled and the air-conditioner will be in the mode of timing-on

TURBO/QUIET Operation




When you need fast cool or fast dehumidification, you can choose the Turbo function; when you sleep, read, you can choose Quiet function. Press the **TURBO/QUIET** button, you can switch the "Turbo" and "Quiet" function easily. Every press, the remote controller will switch as below



When running in Turbo, the fan speed is the highest, when running in Quiet, the fan speed is super slow.

Nano aqua ionizer function

When users press HEALTH button, when cycle display to , HEALTH generator adopt two high voltage pole to ionize the water molecule into nanometer water ion, and release these ions to the air to kill the bacteria and refresh the air. as well as the nanometer water ion can be easily absorbed by skin, keeping moisture anytime.

Note: The function is only applicable for certain models.

UV sterilization function

When users press HEALTH button, when cycle display to ,

Air conditioner starts health function operation. Press HEALTH button for twice press, disappears, the operation stops.

UV sterilization function: it uses the c-band with the most effective sterilization effect in ultraviolet radiation to remove harmful microorganisms such as bacteria in the air, with remarkable effect and make the air healthy.

Attention:

1. It is recommended to turn on the UV sterilization function for 1-2 hours in one day, longer time will affect the life of the UV lamp.
2. Do not look directly at the UV lamp or touch it with your


hand when the sterilizing function is on. Please turn off the sterilizing function before opening the panel.

3. Tinged blue light may appear near the air conditioning inlet when the sterilizing function is on.

4. Only when the internal fan starts and UV sterilization function turned on, the UV lamp will be lighted.

Note: When opening the air conditioner panel, first pull out the power plug of the air conditioner to prevent electric shock. UV sterilization function is only applicable for certain models.

ECO Operation

1. Third-gear power is the function of energy saving. When entering this mode, the remote controller has the power saving symbol "  ".
2. Press this button to start the machine and enter the initial state of refrigeration. The temperature area displays "L1", and the set temperature is displayed after 5s; Press "ECO" once when the device is on, the remote controller will display "L1", and 5S will display the setting temperature. The device will operate according to the power saving 20%. Press "ECO" button again when displaying "L1"; the remote controller displays "L2"; 5S shows the setting temperature; the device operates according to the power saving of 40%. Press "ECO" once again when L2 is displayed, "L3" is displayed on the remote controller, and the set temperature is displayed after 5S. At this time, the device operates according to 60% power saving.

Press "ECO" once again to exit "ECO" mode.

3. To display the setting temperature, press "ECO" once to display the current gear.

4. In the air supply mode, the "ECO" key is invalid. Press strong force, air supply and shutdown to exit the power of third gear.

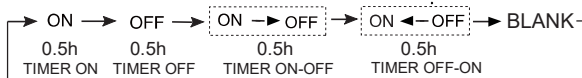
5. When "ECO" mode L3 is set, 60% power saving will affect the refrigeration/heating effect. It is suggested that users should set L2 or L1 according to the actual situation to give consideration to both comfort and energy-saving experience

note: This function is available with Cooling Mode Capacity may decrease when Energy Control mode is selected

Operation

Timer On/Off operation

1. Set ON timer
Press "ON" to activate the screen. Press "TIME ON", set the duration (hour). Press "CONFIRM/CANCEL".
2. Set OFF timer
Press "TIME OFF", set the duration. Press "CONFIRM/CANCEL".
3. Set ON/OFF timer
Press "ON" to activate the screen
Press "TIME ON" & set the duration.
Press "CONFIRM/CANCEL".
Press "TIME OFF" & set the duration
Press "CONFIRM/CANCEL".
The sequence of ON or OFF does not related to the setting sequence. But, it related to period set.
If set ON 4hr , OFF 5hr , the sequence will be ON -> OFF. Means, ON after 4hrs, OFF after 1hr ON. If set ON 7hr , OFF 3hr , the sequence will be ON -> OFF. Means, OFF after 3hrs, ON after off 4hrs.



TIMER

Set Clock correctly before starting Timer operation. You can let unit start or stop automatically a following times: Before you wake up in the morning, or get back from outside or after you fall asleep at night.

1. Select your desired operation mode. Press "TIMER ON"/"TIMER OFF" will flash;
2. Time setting. Every time the button is pressed, time setting increases or decreases 0.5 h, if kept depressed, it will increase rapidly. It can be adjusted within 24 hours.
3. Confirming your setting
After setting correct time, press button to confirm "ON" or "OFF" on the remote controller stops flashing

Health airflow Operation

1. Press to starting

Setting the comfort work conditions .

2. The setting of healthy airflow function

Press button to enter additional options , press this button continuously , the display of louvers location will cycle between

in the following three locations, to choose the swing location what you needed, and then press button to confirm.



3. The cancel of the healthy airflow function

Press button to enter additional options, Press this button continuously, the louvers location will cycle between in the following three locations again, and then press button to cancel.

Notice: Do not direct the flap by hand. Otherwise, the grille will run incorrectly. If the grille is not run correctly, stop for a minute and then start, adjusting by remote controller.

Note:

1. After setting the healthy airflow function, the position grill is fixed.
2. In cooling, it is better to select the mode.
3. In cooling and dry, using the air conditioner for a long time under the high air humidity, condensate water may occur at the grille .

Self Clean Operation

◆ Functional description: the purpose of this function is to clean the evaporator.

◆ Entry and exit Press self clean button to enter this function, then it will display "CL" on the panel of the indoor unit and also on the remote controller. After running 18-21 minutes, this function will exit automatically with the " Pi " sound is heard twice, then the unit return to original state. Under operation process of self clean, press the button repeatedly has no effect and cannot exit, but the power off button and other mode button can make it exit.

Note:

1. It has no effect under the mode of timer/sleep.
2. After this mode starts, the air volume may reduce or even have no airflow.
3. It is normal if the unit make some sound like expand with heat and contract with cold
4. The "CL" display time may last differently on the remote controller and panel.
5. It is normal if the temperature is below 0 outside, the unit may

display "F25" under this mode running

Please turn off the unit for 10 seconds then restart.

6. The best condition to run this mode: the temperature is 15 °C ~ 27 °C and the humidity is 35% ~ 60% in the room,
7. the temperature is 30 °C ~ 40 °C cooling season
It is hard to frost if the air is too dry (humidity < 20%), and if the humidity is too high (humidity > 70%), the condensate water may increase, which may move away some frost.

I FEEL Operation

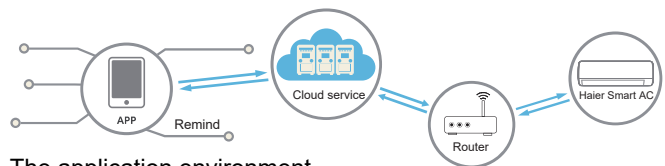
1. Only for cooling or automode (other modes cannot be implemented).
2. Place the remote controller within the acceptable range of AC. Press the button , the remote control displays the "I FEEL" icon.

The remote controller sends the circulation temperature data to the PCB every 3 minutes, and the AC runs according to this data.

3. Exit "I FEEL" mode when power off or press the "I FEEL" button or switch other modes.

Wi-Fi function description

The system architecture diagram



The application environment

Smart mobile phone and wireless router are necessary for the application. Wireless router must be able to connect to the Internet. Smart mobile phone requires IOS or Android system:

IOS system

must support IOS 9.0 or above

Configuration method Scan the QR code below to download "Hai smart" APP. Other Download options:

Please search on "Hai smart"

- App Store (IOS)
- Google Play (Android)
- Huawei App Gallery (Android)


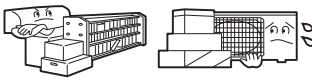

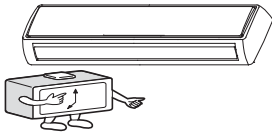

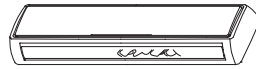
After App Download, please register, connect the air conditioner and enjoy using "Hai smart" to manage your device. Please refer to the HELP section inside the APP for more details about how to register, connect the unit, and other operations.

· In the case of non first binding, you can press the switch key for 3 seconds, or in the mode of "cooling, 30 °C, low wind", you can re-enter the WiFi binding mode.




Maintenance

For Smart Use of The Air Conditioner


Setting of proper room temperature  <p>Proper temperature</p>	Do not block the air inlet or outlet 
Close doors and windows during operation  <p>During cooling operation prevent the penetration of direct sunlight with curtain or blind</p>	Use the timer effectively 
If the unit is not to be used for a long time, turn off the power supply main switch.  <p>OFF</p>	Use the louvers effectively 

Remote Controller




Do not use water, wipe the controller with a dry cloth. Do not use glass cleaner or chemical cloth.

Indoor Body




Wipe the air conditioner by using a soft and dry cloth. For serious stains, use a neutral detergent diluted with water. Wring the water out of the cloth before wiping, then wipe off the detergent completely.

Do not use the following for cleaning



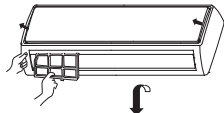

Gasoline, benzene, thinner or cleanser may damage the coating of the unit.



Hot water over 40°C (104°F) may cause discoloring or deformation.

Air Filter cleaning

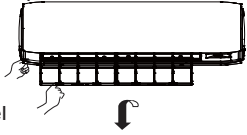

- Open the inlet grille by pulling it upward. Remove the filter.
- Push up the filter's center tab slightly until it is released from the stopper, and remove the filter downward.
- Clean the filter.**
Use a vacuum cleaner to remove dust, or wash the filter with water. After washing, dry the filter completely in the shade.
- Attach the filter.**
Attach the filter correctly so that the "FRONT" indication is facing to the front. Make sure that the filter is completely fixed behind the stopper. If the right and left filters are not attached correctly, that may cause defects.
- Close the inlet grille.

Once every two weeks

Air Filter cleaning


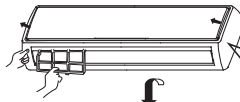
- Press the "SLEEP" button for 5s to partially raise the panel.
- Open the panel by hand and support the panel with a holder
- Remove the filter
- Clean the filter
- Fit the filter
- Remove the holder and close the panel
- Long press the "SLEEP" button and the panel will automatically lower down and become closed


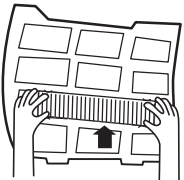
Once every two weeks

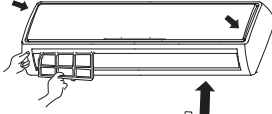
Replacement of Air Purifying Filter

(NOTE: Air purifying filter is optional part)

- 1. Open the Inlet Grille**
Prop up the inlet grille by using a small device named grille-support which located in the right side of the indoor unit

- 2. Detach the standard air filter**
Slide the knob slightly upward to release the filter, then withdraw it.


Detach old Air Purifying Filter


- 3. Attach Air Purifying Filter**
Put air purifying filter appliances into the right or left filter frames.


- 4. Attach the standard air filter**
(Necessary installation)


ATTENTION:
The white side of the photocatalyst air purifying filter face outside, and the black side face the unit. The green side of the bacteria-killing medium air purifying filter face outside, and the white side face the unit.

- 5. Close the Inlet Grille**
Close the Grille surely

NOTE:

- The photocatalyst air purifying filter will be solarized in fixed time. In normal family, it will be solarized every 6 months.
- The bacteria-killing medium air purifying filter will be used for a long time, no need for replacement. But in the period of using them, you should remove the dust frequently by using vacuum cleaner or flapping them lightly, otherwise, its performance will be affected.
- Please keep the bacteria-killing medium air purifying filter in the cool and dry conditions avoid long time directly sunshine when you stop using it, or its ability of sterilization will be reduced.

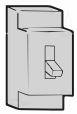
Cautions

⚠ WARNING

Please call Sales/Service Shop for the Installation.
Do not attempt to install the air conditioner by yourself because improper works may cause electric shock, fire, water leakage.

⚠ WARNING

When abnormality such as burnt-smell found, immediately stop the operation button and contact sales shop.

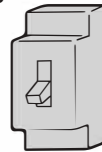


OFF



⚠
STRICT
ENFORCEMENT

Use an exclusive power source with a circuit breaker



Check proper installation of the drainage securely

⚠
STRICT
ENFORCEMENT



Connect power supply cord to the outlet completely



⚠
STRICT
ENFORCEMENT

Use the proper voltage

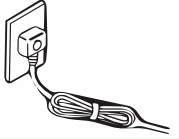


⚠
STRICT
ENFORCEMENT

1. Do not use power supply cord extended or connected in halfway
2. Do not install in the place where there is any possibility of inflammable gas leakage around the unit.
3. Do not get the unit exposed to vapor or oil steam.

⊘
PROHIBITION

Do not use power supply cord in a bundle.



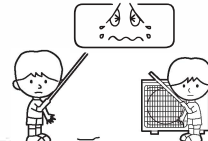
⊘
PROHIBITION

Take care not to damage the power supply cord.



⊘
PROHIBITION

Do not insert objects into the air inlet or outlet.



⊘
PROHIBITION

Do not start or stop the operation by disconnecting the power supply cord and so on.



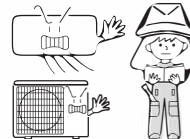
⊘
PROHIBITION

Do not channel the air flow directly at people, especially at infants or the aged.

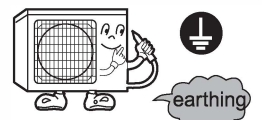


⊘
PROHIBITION

Do not try to repair or reconstruct by yourself.



Connect the earth cable.



⚡
earthing

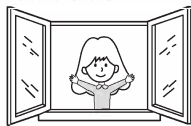
⚠ CAUTION

Do not use for the purpose of storage of food, art work, precise equipment, breeding, or cultivation.



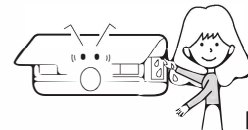
⊘
PROHIBITION

Take fresh air occasionally especially when gas appliance is running at the same time.



⚠
STRICT
ENFORCEMENT

Do not operate the switch with wet hand.



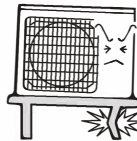
⊘
PROHIBITION

Do not install the unit near a fireplace or other heating apparatus.



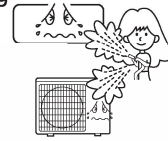
⊘
PROHIBITION

Check good condition of the installation stand



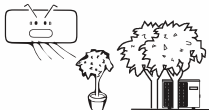
⊘
PROHIBITION

Do not pour water onto the unit for cleaning



⊘
PROHIBITION

Do not place animals or plants in the direct path of the air flow



⊘
PROHIBITION

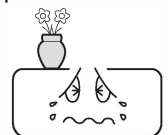
Do not place any objects on or climb on the unit.



⊘
PROHIBITION






Do not place flower vase or water containers on the top of the unit.

⊘
PROHIBITION



Trouble shooting

Before asking for service, check the following first.

	Phenomenon	Cause or check points
Normal Performance inspection	The system does not restart immediately. 	<ul style="list-style-type: none"> When unit is stopped, it won't restart immediately until 3 minutes have elapsed to protect the system. When the electric plug is pulled out and reinserted, the protection circuit will work for 3 minutes to protect the air conditioner.
	Noise is heard 	<ul style="list-style-type: none"> During unit operation or at stop, a swishing or gurgling noise may be heard. At first 2-3 minutes after unit start, this noise is more noticeable. (This noise is generated by refrigerant flowing in the system.) During unit operation, a cracking noise may be heard. This noise is generated by the casing expanding or shrinking because of temperature changes. Should there be a big noise from air flow in unit operation, air filter may be too dirty.
	Smells are generated.	<ul style="list-style-type: none"> This is because the system circulates smells from the interior air such as the smell of furniture, paint, cigarettes.
	Mist or steam are blown out. 	<ul style="list-style-type: none"> During COOL or DRY operation, indoor unit may blow out mist. This is due to the sudden cooling of indoor air.
	In dry mode fan speed can't be changed.	<ul style="list-style-type: none"> In DRY mode, when room temperature becomes lower than temp. setting+2°C, unit will run intermittently at LOW speed regardless of FAN setting.
Multiple check		<ul style="list-style-type: none"> Is power plug inserted? Is there a power failure? Is fuse blownout?
	Poor cooling 	<ul style="list-style-type: none"> Is the air filter dirty? Normally it should be cleaned every 15 days. Are there any obstacles before inlet and outlet? Is temperature set correctly? Are there some dogs or windows left open? Is there any direct sunlight through the window during the cooling operation? (Use curtain) Are there too much heat sources or too many people in the room, during cooling operation?

Cautions

The machine is adaptive in following situation

1. Applicable ambient temperature range:

For: T1			
Cooling	Indoor	Maximum: D.B / W.B	32°C/23°C
	Outdoor	Minimum: D.B / W.B	18°C/14°C
		Maximum: D.B	43°C/± °C
		Minimum: D.B	18°C

- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person. The type of connecting wire is H05RN-F or H07RN-F
- If the fuse on PC board is broken please change it with a fuse type T. 3.15A/250V. If the fuse of outdoor unit on PC board is broken, please change it with the type of T. 25A/250V.
- The distance between the indoor unit and the floor should be more than 2m.
- The wiring method should be in line with the local wiring standard.
- After installation, the power plug should be easily reached.
- The used batteries should be disposed of properly.
- The appliance is not intended to use by young children or infirm persons without supervision.
- Young children should be supervised ensure that they do not play with the appliance.
- The appliance must be installed on a strong enough support.
- The wiring diagram is attached inside the machine.

T1: Application temp. range of air conditioner 18°C~43°C.

Explanation of symbols displayed on the indoor unit or outdoor unit



WARNING: This symbol shows that this appliance used a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire



CAUTION: This symbol shows that the operation manual should be read carefully



CAUTION: This symbol shows that a service personnel should be handling this equipment with reference to the installation manual



CAUTION: This symbol shows that information is available such as the operating manual or installation manual



CAUTION!

UV emitted from this product!
Make sure power off before open front panel !

This appliance contains a UV-C lamp.

WARNING: This function is only available to some units.

- Read the maintenance instructions before opening the appliance.
- Eye or skin irritation may result from exposure from top air inlet and inner part. During air filter taking and putting for maintenance, please make sure that the power is cut off before approaching the product.
- UV-C barriers bearing the ultraviolet radiation hazard symbol should not be removed.
- Appliances that are obviously damaged must not be operated.
- Do not operate UV-C lamps outside of the appliance.
- The appliance must be disconnected from the power supply before replacing or cleaning or other maintenance of the UV-C lamp.
- The lamp is only applicable to some models
- Front panels bearing the ultraviolet radiation hazard symbol which have UV-C radiation are provided with a hall switch to interrupt the power to the UV-C lamps for your safety. Do not over-ride hall switch by magnet and other similar material.
- Before opening front panels bearing the ultraviolet radiation hazard symbol for the conducting user maintenance, it is recommended to disconnect the power.
- If the UV-C lamp is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Unintended use of the appliance or damage to the housing may result in the escape of dangerous UV-C radiation. UV-C radiation may, even in small doses, cause harm to the eyes and skin.