



**EN** OWNER'S MANUAL



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# VIOLET UV

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**GIA-S09VIOUV | GIA-S12VIOUV**  
**GIA-S18VIOUV | GIA-S24VIOUV**

Por favor lea atentamente este manual antes de usar este producto.

Please, read carefully this manual before using the product.

Avant d'utiliser l'équipement, lisez attentivement les instructions.

Por favor leia atentamente este manual antes de usar o equipamento.

Per favore leggere attentamente questo manuale prima di utilizzare questo prodotto.

**Gracias | Thank you | Merci | Obrigado | Grazie**



**ENGLISH**

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# SAFETY PRECAUTIONS



**WARNING: Following these basic precautions will reduce the risk of fire, electrical shock, injury or death when using your air conditioner.**

1. Air conditioner must be connected to proper electrical outlet or breaker with the correct electrical supply. And only the specified power can be used.
2. Proper grounding must be ensured to reduce the risk of shock and fire  
**DO NOT CUT OR REMOVE THE GROUNDING PRONG.** If you do not have a three-prong electric receptacle outlet or breaker in the wall, have a certified electrician install the proper receptacle or breaker. The wall receptacle or breaker **MUST** be properly grounded.
3. **DO NOT** use if power cord is frayed or otherwise damaged. Also avoid using it if there are cracks or abrasion damage along the length, plug or connector.
4. **DO NOT USE AN ADAPTER OR AN EXTENSION CORD.**
5. **DO NOT** block airflow inside or outside the air conditioner with blinds, drapes, protective covers, shrubs or blusher.
6. Be careful of sharp edges on the front and rear fins of the unit that could cut and cause serious injury.
7. Be careful when lifting the air conditioner to install or remove the unit. Always use two or more people for this.
8. Always cut off the power of air conditioner before servicing it or moving it.
9. In some type of units, there is no appropriate plug corresponding to its power cord because of power, Under this condition, an appropriate power breaker should be linked to its power cord, therefore, the instruction part associated with plug using is not available for these types.
10. This appliance contains a UV -C lamp.
11. 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.
12. Appliances that are obviously damaged must not be operated. Prior to cleaning or other maintenance, the appliance must be disconnected from the supply mains.

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## SAFETY INSTRUCTIONS

### 〔Symbol Description〕



**Warning:**

A symbol indicating operation which may cause personnel casualties or serious damages.



**Caution:**

A symbol indicating operation which may cause personnel casualties or property damages.

### 〔Installation Instruction〕



**Warning**



**Never install by yourself.**

Split type air conditioner will work for you for a long period of time if it is correctly installed. Improper installation could cause problems such as leakage of water or refrigerant, electric shock or fire.



**Caution**

**Please confirm the following before installation**



**Power specifications**

Make sure that the capacity of socket or breaker and power cable is sufficient, the voltage is correct and the socket or breaker is grounded. There may be hazard of fire or electric shock otherwise.



**Proper connection of wires and piping**

Improper connection may decrease the efficiency or cause air conditioner stop running. Water or refrigerant leakage may be resulted as well.



**Installation environments**

Do not install air conditioner at the place where there is flammable or corrosive air.



**Operating instruction**

Please operate air conditioner in accordance to this manual.

## 〔Operating Instruction〕

### WARNINGS

Following the safety messages is very important. These messages can save you from being injured or killed. Warning symbols alert you to be careful and means danger. Always follow instructions to be safe and reduce chances of injury or death. Warning and danger signs will precede safety messages.

#### Electrical safety

**Grounding:** This room air conditioner must be grounded.



Grounding reduces the risk of electric shock by providing an escape wire for the electric current.

If the power cord has a grounding plug with a grounding wire, plug it into an outlet that is properly installed and grounded.

If the power cord has not a grounding plug with a grounding wire, the grounding wire must connect the breaker that is properly installed and grounded.

**Warning:** Improper use of the grounding plug or breaker can result in a risk of electric shock. Call a qualified electrician if you don't understand the grounding instructions or if you are not sure if the air conditioner is properly grounded. If the wall outlet or breaker is not grounded, please contact an electrician to have it replaced with a properly grounded outlet or breaker.

**Do not, under any circumstances, cut or remove the third (ground) prong from the power cord.**

**Adapter plug: We strongly advise against using an adapter plug or breaker.**

#### Operating conditions

1. Temperature: T1 instance:  $-7^{\circ}\text{C}\sim 45^{\circ}\text{C}$  ( $16^{\circ}\text{C}\sim 45^{\circ}\text{C}$  in cooling-only type)

T3 instance:  $-7^{\circ}\text{C}\sim 52^{\circ}\text{C}$  ( $16^{\circ}\text{C}\sim 52^{\circ}\text{C}$  in cooling-only type)

If the unit runs beyond the temperature for a long time, it may cause cooling capacity to decrease or protector to work.

If the unit runs beyond the humidity range, condensate may be formed near blade and outlet of air conditioner. It's normal.

2. Relative humidity:  $<80\%$

3. In heating operation, strange smell may come from the unit. It is Normal phenomenon.

4. The performance parameters refer to name plate.

5. The waterproof level of indoor unit is IPX0. Do not use it in the laundry or bathroom.

6. The outdoor unit can't be installed in a closed area.

7. Fuse: 50T T3.15AL250V or F3.15AL250V, rated current: 3.15A.

## Tips

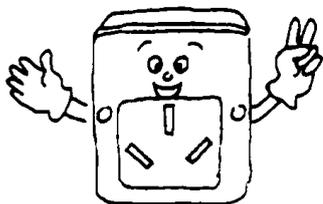
- Install the unit on the north side, as normally that is the shaded side. This will enhance the operation of your unit.
- Use correct electric voltage and proper ampere for the unit to run effectively.
- Only let a certified electrician do any modifications to your electrical outlet or breaker.
- Use a dedicated line for the operation of your air conditioner to avoid the possibility of an electrical surge.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.
- The dimensions of the space necessary for correct installation of the appliance including the minimum permissible distances to adjacent structures.
- The appliance shall be installed in accordance with national wiring regulations.
- Disconnect the power supply before cleaning and maintenance.
- If the appliance is not connected by plug, an all-pole disconnection device which has at least 3mm separation distance in all pole and a residual current device(RCD)with the rating of above 10mA shall be incorporated in the fixed wiring according to the national rule.
- If the appliance is connected by plug, it must be positioned so that the plug is accessible.

## Energy Saving Guide

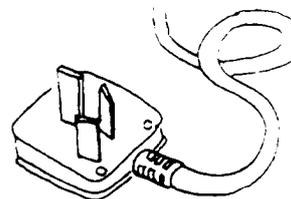
- When installing your air conditioner make sure to seal all areas where there is a possibility of air leakage.
- Airflow should not be blocked inside either by curtains, drapes or furniture or outside by shrubs or bushes.
- Do not needlessly use an electrical light or other appliances that produce heat.
- Keep the blinds and the drapes drawn on all the other window.
- While cooking use an exhaust fan in the kitchen to remove the excess heat produced.

〔Operating Instruction〕

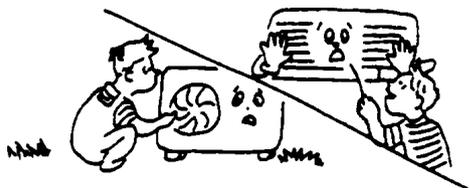
Only single-phase a.c. power can be used. please refer to nameplate for details.



Use the specified power cord; do not change it.



Do not put fingers or sticks into the inlet or outlet of air conditioner; the running fan may cause injuries.



Do not put anything on the outdoor unit.



Do not switch on or off the unit by plugging or pulling off the plug, or by switching on or off the breaker .



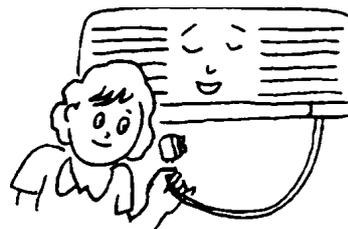
Keep indoor ventilated, especially when there is operating gas equipment.



Do not substitute fuse with lead wire or other materials.



Pull off power plug or switch off breaker if the air conditioner is not used for a long time.

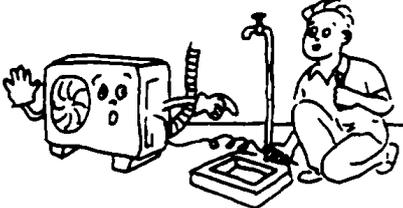


[ Safety Instruction ]

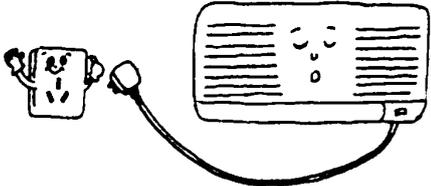


**Warning :** The appliance is not intend for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance. If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Don not connect the earth line to gas pipe, water pipe. Improper grounding may cause electric shock.



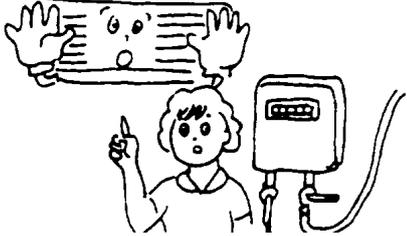
Do not pull off the power plug or switch off the breaker when it is in operation.



Switch off the unit; cut off the power source and contact service agent if there is abnormal phenomenon (e.g. burning smell comes out).



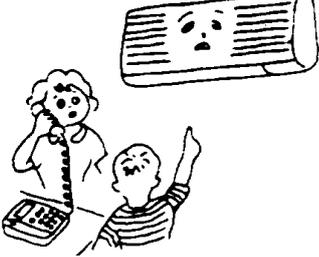
Do not install air conditioner at the place where flammable gas may leak.



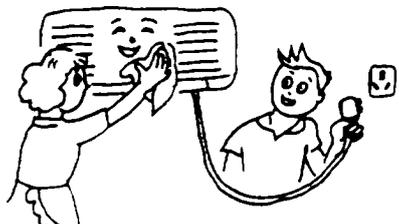
Do not place plants or animals directly in the path of the air conditioner's airflow. Doing so could harm them.



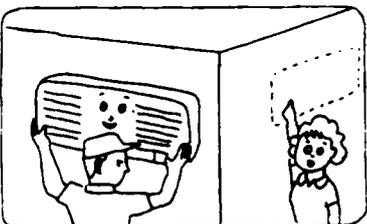
Please contact service agents for service. Improper service may cause accident.



Switch off the unit, cut off the power source and make sure the fan stops before cleaning the unit.



For removal and installation of air conditioner, please refer to professionals or contact service agents.



## PRODUCT INTRODUCTION

### 〔Protect Functions〕

Protect functions can prolong the air conditioner's service life and provide more comfortable airflow.

#### **Delay-starting protection for the compressor**

The compressor will restart working at least 3 minutes (5 minutes in heating mode) after being turned off to keep the pressure balance of the cooling system.

**Remarks:** There will be 1 minute for the compressor to work after the unit is electrified for the first time. **Defrosting (not available for cooling-only type air conditioner)**

The outdoor heat exchanger may frost if the outdoor temperature is low and humidity is high. In this case, auto-defrosting has operated for 3~10 minutes. pause indicator will be on, indoor and outdoor fan stop.

#### **Heating overload protection (not available for cooling-only type air conditioner)**

When the temperature of indoor pipe is too high, air conditioner enters heating overload protection. And indoor fan speed should be adjusted to a higher gear automatically. Outdoor fan and compressor may be stopped. When indoor pipe temperature drops to a rated value, air conditioner will exit heating overload protection. Indoor fan motor resumes to the normal status.

#### **Blowing residual heat function (not available for cooling-only type air conditioner)**

Indoor fan will keep running at low fan speed for 80 seconds when air conditioner is stopped in heating mode.

#### **Cooling airflow proof (not available for cooling-only type air conditioner)**

In the first several minutes of heating operation, PAUSE indicator lights; indoor fan doesn't run and louver blades can not be controlled. About 5 minutes later, air conditioner will blow heat airflow, PAUSE indicator is off.

#### **Freeze-prevention**

To prevent indoor heat exchanger freezing in cooling and dehumidification operation, compressor or outdoor fan may stop running; indoor fan speed will be adjusted to a higher gear automatically.

#### **Dry for enzyme-prevention (only in some models)**

Indoor fan motor will go on running for 3 minutes at low fan speed when turned off in cooling mode in order to keep dry condition inside the unit.

#### **Reset power or Auto restart (only in some models)**

**Reset power:** When there is a power suspension, air conditioner will automatically switch off. When the power is back, the unit will automatically reset power. For energy saving if there is no person in the room, air conditioner will stay in PAUSE status. User needs to turn on Air conditioner by remote controller. **Auto restart:** The unit memories the operation mode, air flow setting, temperature setting etc., so that should there be a power failure when the unit is in operation, it will automatically return the same operating conditions when the power is restored.

#### **Cooling overload working (only in some models)**

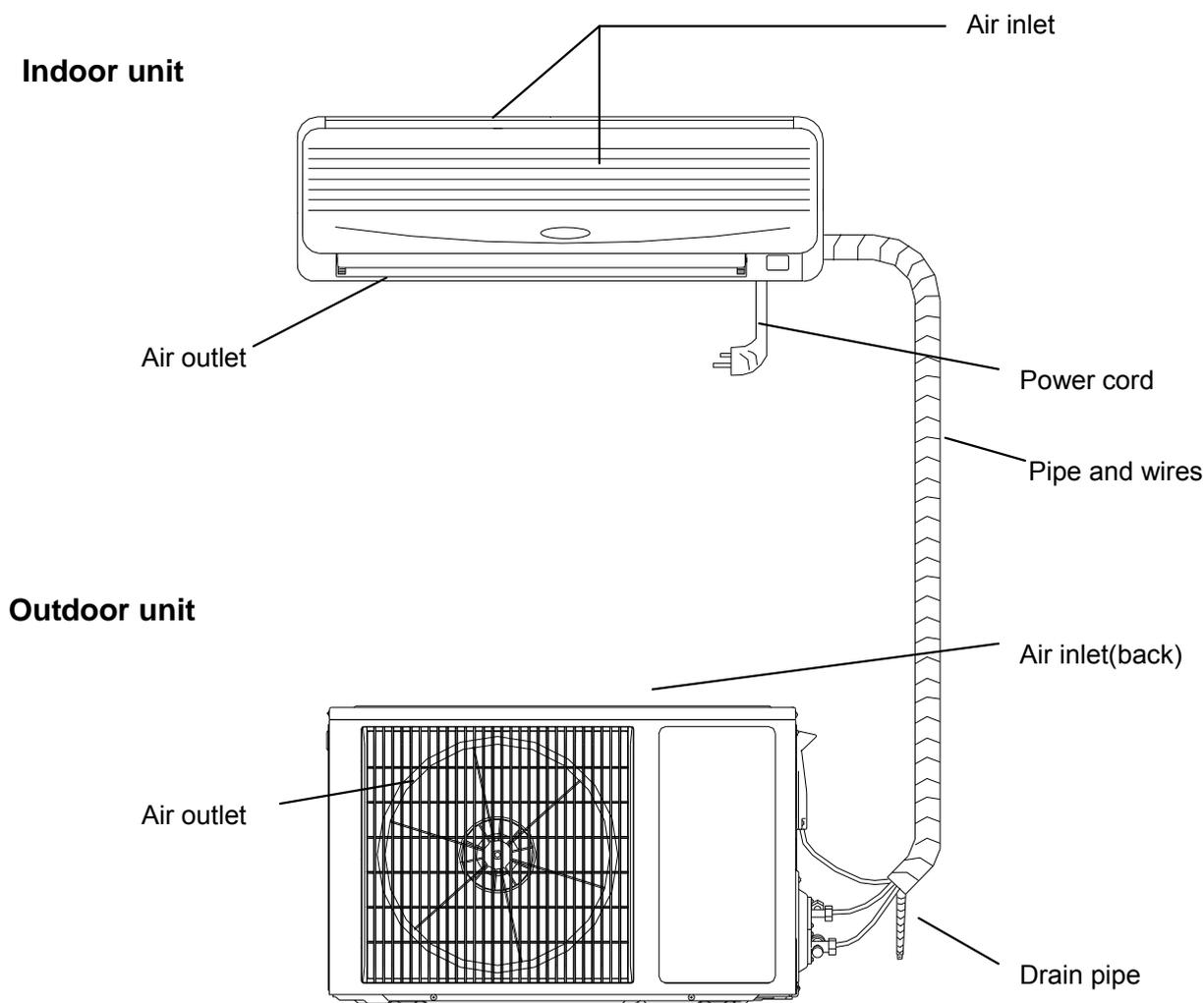
In cooling operation, if the temperature of outdoor heat exchanger is too high, indoor fan speed will be adjusted to a lower gear automatically and compressor may be stopped.

**Drip proof** (only in some models)

In cooling and dehumidification operation, louver blades can change the position automatically to prevent from dripping.

## DESCRIPTION OF COMPONENTS

〔View of Unit〕



**Remarks:**

The air conditioner is consisting of indoor unit, outdoor unit and remote controller. The design and shape are different for different models. The above figures are only schematic, and they may be slightly different from the actual appliances you selected.

## [[ Display screen ]]



**“RUN” indicator:** This signal light is on when the unit is in “RUNNING” status. When in Defrosting or Cooling airflow proof ,the indicator is flashing



**“TIMER” indicator:** This signal light is on when the unit is in Timer.



**“Compressor” indicator:** This signal light is on when the compressor is running (only in some models)



**“Temperature” indicator:** This display can show the set temperature. when the indicator display F4, F1 or F2, means the air conditioner runs abnormally

(The above LED display is for reference only, subject to the actual product)

**Remarks:**

1. Flashing of any indicator means the air conditioner runs abnormally, please contact the distributor in time.
2. Function a: The air conditioner will only display “RUN” indicator to save electricity if it do not receive any signal from remote controller in 30 seconds. If it receives signal from remote controller for the second time, the display will still show the corresponding indicators.  
Function b: The indicators on the display screen can be still controlled by “Display” button on remote controller.

**NOTE: Function a or function b is optional, and it is designed already before the product is dispatched from factory.**

## 【Indicator light】

① “PAUSE” indicator

This indicator lights red when air conditioner is in defrosting or Cooling airflow proof mode.

② “RUNNING” indicator

This indicator lights green when the unit is in “RUNNING” status; air conditioner is in HEAT, COOL, SWEEP, DRY mode.

③ “TIMER” indicator (Yellow)

This indicator lights yellow when the unit is in TIMER mode.

④ “AIR REFRESH” indicator (Green) (**optional**)

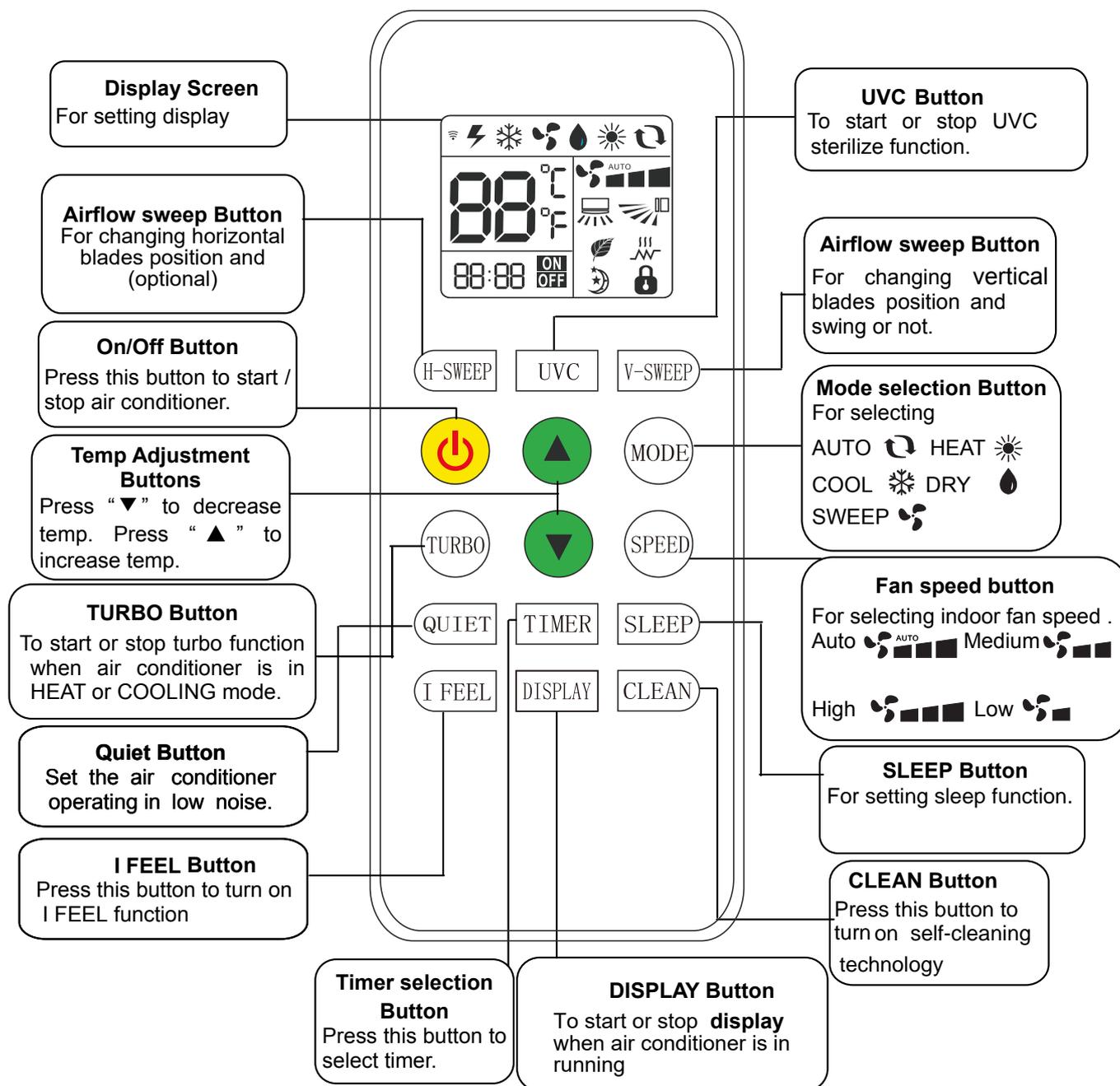
This indicator lights green when the unit is in Air Refresh operation, and it will not light if the unit does not have Air Refresh function.

⑤ “RECEIVER” indicator

This receiver receives signal from remote controller.

**Note:** If one of the “RUNNING”, “PAUSE” or “TIMER” indicator flashes, please contact the distributor in time.

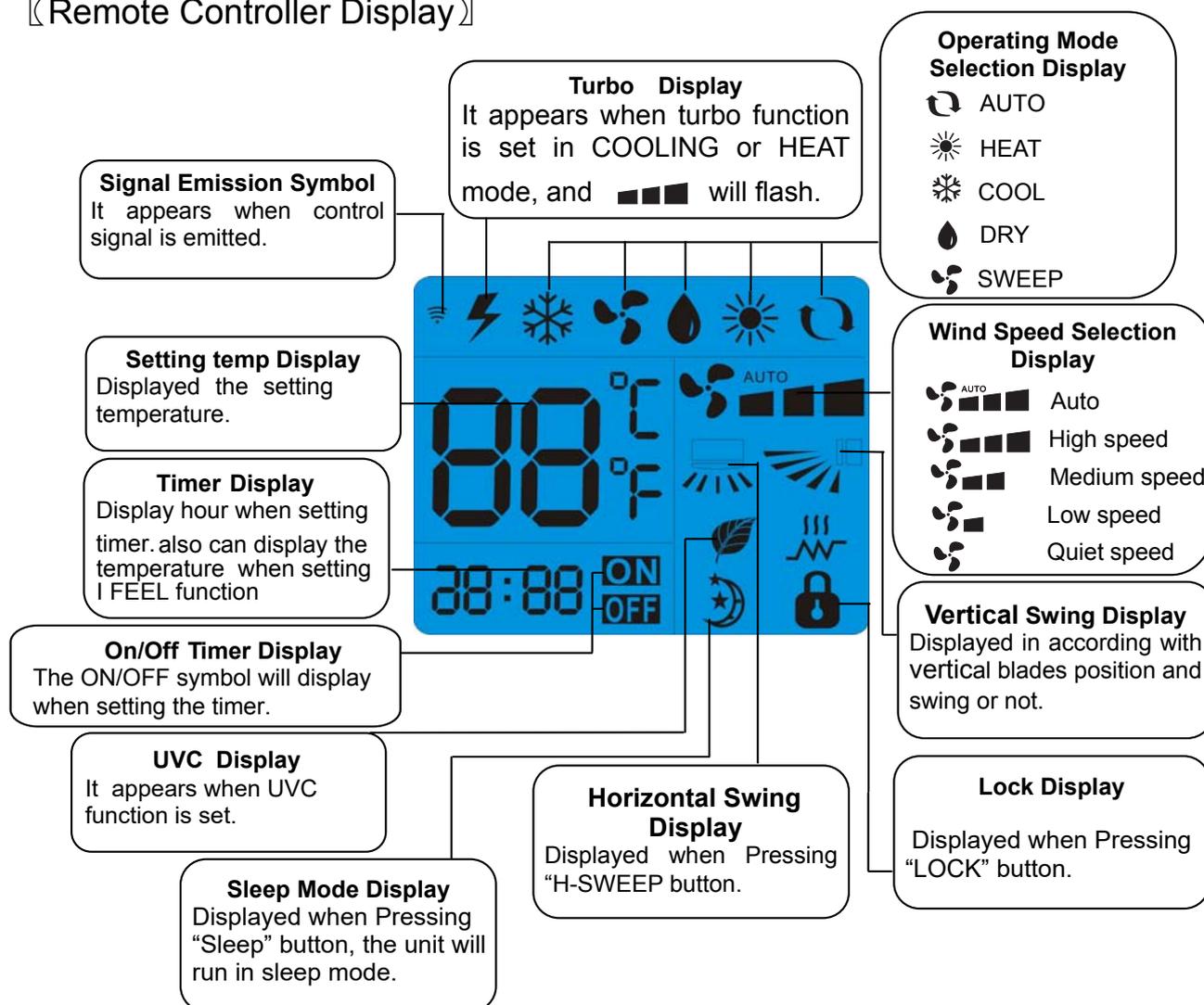
〔Remote Controller〕



**Remarks:**

1. HEAT, AUTO function and display are not available for cooling-only type air conditioner.
2. If user want to make the room air cool or warm quickly ,user can press “turbo” button in cooling or heating mode,air conditioner will run in power function.If press “turbo” button again, air conditioner will exit power function.
- 3.The above illustration of remote controller is only for reference, it may be slightly different from the actual product you selected.

## 〔Remote Controller Display〕



### Instruction for remote controller

- The remote controller uses two AAA batteries under normal condition, the batteries last for about 6 months. Please use two new batteries of similar type (pay attention to the poles in installing)
- When using remote controller, please point the signal emitter towards indoor unit receiver; There should be no obstacle between remote controller and indoor unit.
- Pressing two buttons simultaneously will result wrong operation.
- Do not use wireless equipment (such as mobile phone) near indoor unit. If interference occurs because of this, please switch off the unit, pull out power plug, then plug again and switch on after a while.
- There is no direct sunlight to the indoor receiver, or it can not receive the signal from the remote controller.
- Don't cast the remote controller.
- Don't put the remote controller under the sunlight or near the oven.
- Don't sprinkle water or juice on the remote controller, use soft cloth for cleaning if it occurs.
- The batteries must be removed from the appliance before it is scrapped and that they are disposed of safety.

## SERVICE AND MAINTENANCE

Careful maintenance and overhaul in advance can prolong the air conditioner's service life and save electricity charges.

### Caution:

1. Stop air conditioner by remote controller and pull off the plug before service and maintenance.
2. Do not stand on unstable objects when you clean or service air conditioner, or it may cause personnel injury.
3. Do not touch the metal part of the body when you remove the front panel, or it may cause personnel injury.



### 〔Clean the Front Panel and Remote Controller〕

If the dirt can't be removed, please clean it with warm damp cloth (soaked with warm water below 40°C) **Caution:**

1. Do not clean the unit with water, or it may cause electric shock.
2. Do not clean the remote controller with water.
3. Do not clean with alcohol, gasoline, banana oil, or polishing.
4. Do not clean the unit violently, or it may cause the front panel falling down.
5. Do not clean the front panel or remote controller with metal brush; it may damage the surface.



### 〔Clean Air Filter〕

1. Open the front panel. (Fig.4)
2. Lift the protruding part, then pull it downward, remove the air filter.
3. Clean it with vacuum cleaner or water. If air filter is very dirt, please clean it with warm soapy water or mild detergent. Then dry it in the shadow.
4. Insert air filter into the previous position, and close the front panel.



Fig. 4

### Note:

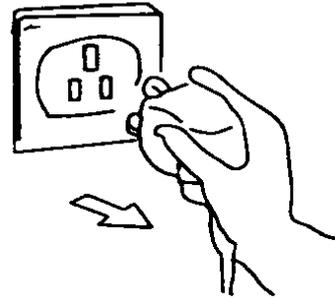
1. Air filter should be cleaned at least once every two weeks, or heating or cooling capacity will be reduced.
2. Do not clean the air filter with metal brush; it may be damaged.

〔No Use for Long Time〕

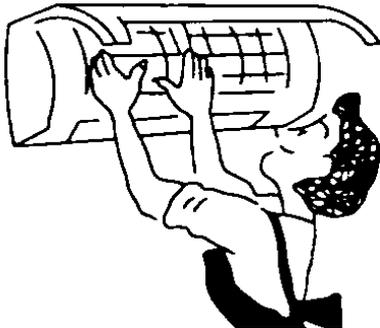
1. Swing 3-4 hours to dry the internal air conditioner.



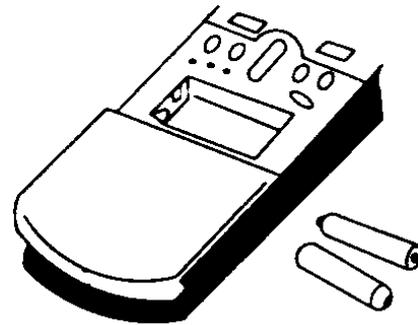
2. Stop operation by remote controller, then cut off the power source of air conditioner.



3. Maintain air filter net.



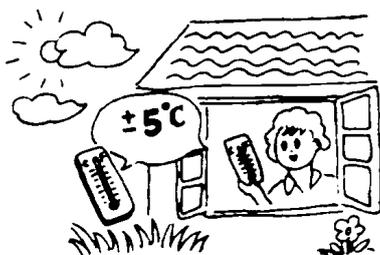
4. Take out batteries from remote controller.



〔Recommendations for Energy Saving 〕

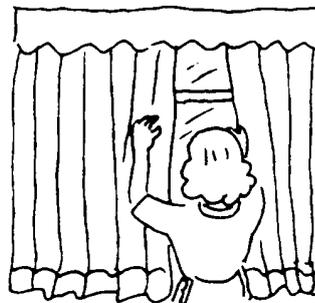
**Appropriate Temp Setting**

It is harmful to health if the room is too cold.



**Avoid Direct Sunlight**

When it is cooling, please use curtain or blind to obstruct direct sunlight.



**Avoid Heat Sources**

When it is cooling, using other heat sources may affect cooling effect.



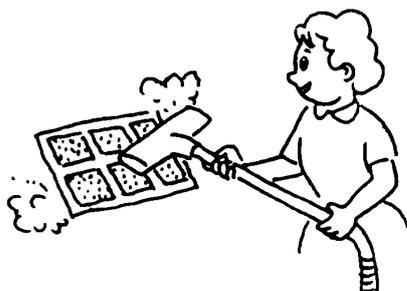
**Close Doors and Windows**

Incoming outdoor air will affect the cooling or heating efficiency.



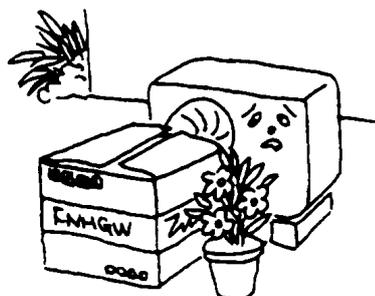
**Keep Air Filter Clean**

Keeping air filter clean ensures high efficiency operation.



**Good Ventilation**

Do not put objects in front of the inlet and outlet of outdoor unit.



## TROUBLE SHOOTING

### 〔Air Conditioner is in Error〕

**Checking before service.**

Phenomenon	Checking Items
Air Conditioner Does Not Operate At All	1. Check whether the power is disconnected.
	2. Check whether the breaker is switched on or the fuse is burnt.
	3. Check the remote controller batteries.
	4. Check whether radio equipment is used within 1m around the unit.
Poor Cooling or Heating Performance	1. Check whether the air inlet or outlet is blocked.
	2. Check whether dust is blocking the filter.
	3. There may be too many people indoors.
	4. Check whether doors or windows are closed.
	5. Check whether fan speed or set temperature is improper.

### 〔Remote Controller is in Error〕

**The following “trouble shooting” is normal phenomenon**

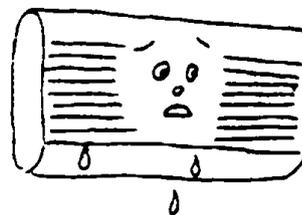
Phenomenon	Checking Items
Fan stops or fan speed can not be controlled.	1. When air conditioner is in DRY mode or SLEEP mode, fan speed can't be controlled sometimes.
	2. When air conditioner is in COOL AIRFLOW PROOF or DEFROSTING operation (in HEAT mode), fan motor will stop.
	3. When air conditioner is in COOL or DRY mode, if air conditioner enters freeze-prevention operation, then fan speed can not be controlled.
	4. When air conditioner is in HEAT mode, if air conditioner enters heating overload prevention operation, then fan speed can not be controlled.

## NORMAL PHENOMENONS

When it is heating or cooling, plastic substance may give out a sound because of the temperature change.



If the indoor humidity is too high, water drops may form on the front grill of indoor unit. This is a normal phenomenon.



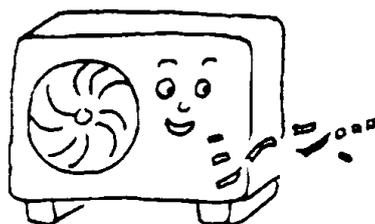
There may be gentle "rustle" sound when the unit starts or stops. It is the normal sound of flowing refrigerant.



Walls, carpet, furniture or clothes indoors may disseminate peculiar smell.



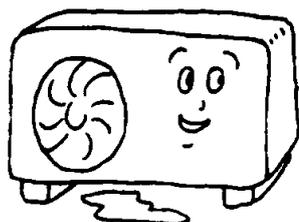
In order to protect the unit, when the compressor stops, there will be a 3-minute delay before restarting.



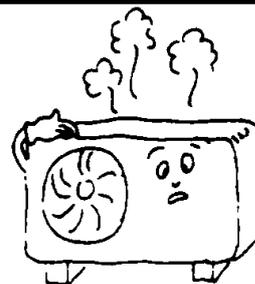
In the first several minutes of heating operation, wind may not come out from the indoor unit.



Water may flow out from the outdoor unit during heating operation.



In heating operation, steam may come out when it is defrosting.





C/ Industria, 13, Polígono Industrial El Pedregar. 08160 Montmeló. Barcelona (España)  
Tel (0034) 93 390 42 20 - Fax (0034) 93 390 42 05  
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#### FRANCE

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#### PORTUGAL

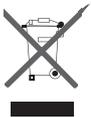
info.pt@giatsu.com

#### ITALIA

info.it@giatsu.com

#### LITHUANIA

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#### ADVERTENCIAS PARA LA ELIMINACIÓN CORRECTA DEL PRODUCTO SEGÚN ESTABLECE LA DIRECTIVA EUROPEA 2002/96/EC.

Al final de su vida útil, el producto no debe eliminarse junto a los residuos urbanos. Debe entregarse a centros específicos de recogida selectiva establecidos por las administraciones municipales, o a los revendedores que facilitan este servicio. Eliminar por separado un aparato eléctrico o electrónico (WEEE) significa evitar posibles consecuencias negativas para el medio ambiente y la salud derivadas de una eliminación inadecuada y permite reciclar los materiales que lo componen, obteniendo así un ahorro importante de energía y recursos. Para subrayar la obligación de eliminar por separado el aparato, en el producto aparece un contenedor de basura móvil listado.

#### IMPORTANT INFORMATION FOR CORRECT DISPOSAL OF THE PRODUCT IN ACCORDANCE WITH EC DIRECTIVE 2002/96/EC.

At the end of its working life, the product must not be disposed of as urban waste. It must be taken to a special local authority differentiated waste collection centre or to a dealer providing this service. Disposing of a household appliance separately avoids possible negative consequences for the environment and health deriving from inappropriate disposal and enables the constituent materials to be recovered to obtain significant savings in energy and resources. As a reminder of the need to dispose of household appliances separately, the product is marked with a crossed-out wheeled dustbin.

#### AVERTISSEMENTS POUR L'ÉLIMINATION CORRECTE DU PRODUIT AUX TERMES DE LA DIRECTIVE 2002/96 / CE.

Au terme de son utilisation, le produit ne doit pas être éliminé avec les déchets urbains. Le produit doit être remis à l'un des centres de collecte sélective prévus par l'administration communale ou auprès des revendeurs assurant ce service. Éliminer séparément un appareil électroménager permet d'éviter les retombées négatives pour l'environnement et la santé dérivant d'une élimination incorrecte, et permet de récupérer les matériaux qui le composent dans le but d'une économie importante en termes d'énergie et de ressources. Pour rappeler l'obligation d'éliminer séparément les appareils électroménagers, le produit porte le symbole d'un caisson à ordures barré.

#### ADVERTÊNCIA PARA A ELIMINAÇÃO CORRECTA DO PRODUCTO SEGUNDO ESTABELECIDO PELA DIRECTIVA EUROPEIA 2002/96/EC

No final da sua vida útil, o produto não deve ser eliminado juntos dos resíduos urbanos. Há centros específicos de recolha selectiva estabelecidos pelas administrações municipais, ou pelos revendedores que facilitam este Serviço. Eliminar em separado um aparelho electrónico (WEEE) significa evitar possíveis consequências negativas para o meio ambiente e para a saúde, derivado de uma eliminação incorrecta, pois os materiais que o compõem podem ser reciclados, obtendo assim uma poupança importante de energia e de recursos. Para ter claro que a obrigação que se tem que eliminar o aparelho em separado, na embalagem do aparelho aparece o símbolo de um contentor de lixo.

#### AVVERTENZE PER L'ELIMINAZIONE DEL PRODOTTO SECONDO QUANTO PREVISTO DALLA DIRETTIVA EUROPEA 2002/96/EC.

Al termine della loro vita utile, il prodotto non deve essere eliminata insieme ai rifiuti urbani. Deve essere consegnato a centri specifici di raccolta selettiva stabiliti dalle amministrazioni comunali o ai rivenditori che forniscono questo servizio. Eliminare separatamente un apparecchio elettrico o elettronico (WEEE) significa evitare eventuali conseguenze negative per l'ambiente e la salute derivanti da uno smaltimento inadeguato e consente di recuperare i materiali che lo compon-gono, ottenendo così un importante risparmio di energia e risorse. Per sottolineare l'obbligo di eliminare separatamente.