

OWNER'S INSTRUCTIONS MANUAL DE INSTRUCCIONES MANUEL D'UTILISATION **ISTRUZIONI PER L'USO** MANUAL DE INSTRUÇÕES **GEBRAUCHSANWEIS**^UNG ΟΔΗΓΙΕΣ ΧΡΗΣΤΗ Indoor unit **Outdoor unit** AQ07P2GBE AQ18PJGBE UQ07P2GBE U018PJGBE AQ07P2GEE AQ18PJGEE UQ07P2GEE **UQ18PJGEE** SH07AP4E SH18APJE SH07AP4EX SH18APJEX SH07ZP2EX SH07ZP2E SH18ZPJE SH18ZPJEX A009P2GBE A024P6GBE UQ09P2GBE **U024P6GBE** A009P2GEE A024P6GEE UQ09P2GEE **U024P6GEE** SH09AP4E SH24AP6E SH09AP4EX SH24AP6EX SH09ZP2E SH24ZP6E SH09ZP2EX SH24ZP6EX AQ12P4GBE **UQ12P4GBE**

U012P4GEE

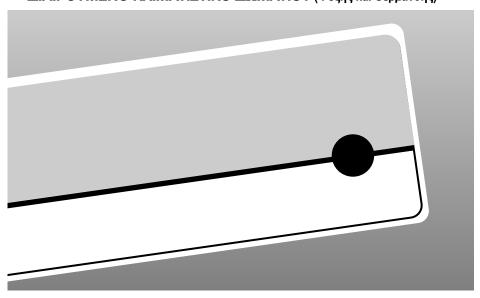
SH12AP4EX

SH12ZP4EX

Split-type Room Air Conditioner (Cool and Heat) Aire acondicionado doméstico sistema Split (Refrigeración y Calefacción) Climatiseur de type Séparé (Refroidissement et Chauffage) Condizionatore d'aria per ambienti ad unità Separate (Raffreddamento e Riscaldamento) Aparelho de ar condicionado tipo Split (Refrigeração e Aquecimento) Geteilte raumklimaanlage (Kühlen und Wärmen) ΔΙΑΙΡΟΥΜΕΝΟ ΚΛΙΜΑΤΙΣΤΙΚΟ ΔΩΜΑΤΙΟΥ (Ψύξης και Θέουανσης)

AQ12P4GEE SH12AP4E

SH12ZP4E



ESF()PDG DB98-24443A(1)

Register your product at www.samsung.com/global/register

Safety Precautions

The following safety precautions must be taken when using your air conditioner.

WARNING	Risk of electric shock. • Can cause injury or death. • Disconnect all remote electric power supplies before servicing, installing or cleaning.This must be done by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.
DURING OPERATION	 Users of this product are cautioned not to attempt repair of this product at their own discretion. Instead, they are requested to directly contact a designated service center or the outlet at which the product was purchased.
	 Never spill any kind of liquid into the unit. Should this happen, unplug or main switch off the unit and contact an authorized service center.
	 Do not insert anything between the air outlet blades because the inner fan may be damaged and could cause injury. Keep children away from the unit.
	 Do not place any obstacles in front of the unit.
	 Do not spray liquid of any kind into the indoor unit. Should this happen, switch off the breaker used for your air conditioner and contact your installation specialist.
	 Make sure that the unit is correctly ventilated at all times: Do not place clothing or other materials over it.
	 If the wireless remote control will not be used for a long time, remove the batteries. (If applicable)
	 When using a wireless remote control, the distance should not be more than 7 meters from the air conditioner. (If applicable)
DISPOSING OF THE UNIT	 Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely for recycling reasons.
	When you need to dispose of the unit, consult your dealer. If pipes are removed incorrectly, refrigerant may blow out and come into contact with your skin, causing injury. Releasing refrigerant into the atmosphere also damages the environments.
	 Please recycle or dispose of the packaging material for this product in an environmentally responsible manner.
OTHERS	 Never store or ship the air conditioner upside down or sideways to avoid damage to the compressor.
	 The appliance is not intended 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.
	 Max current is measured according to IEC standard for safety and current is measured according to ISO standard for energy efficiency.

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Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

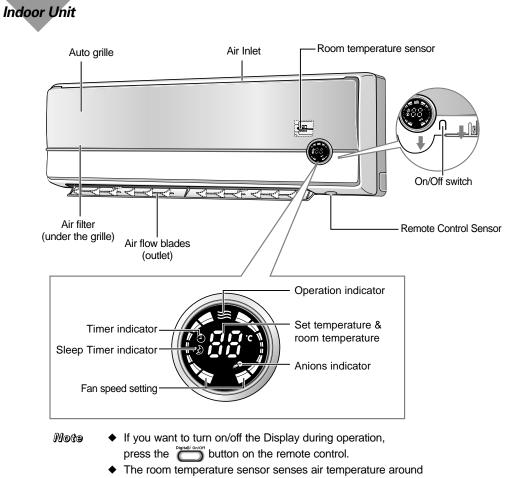
(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

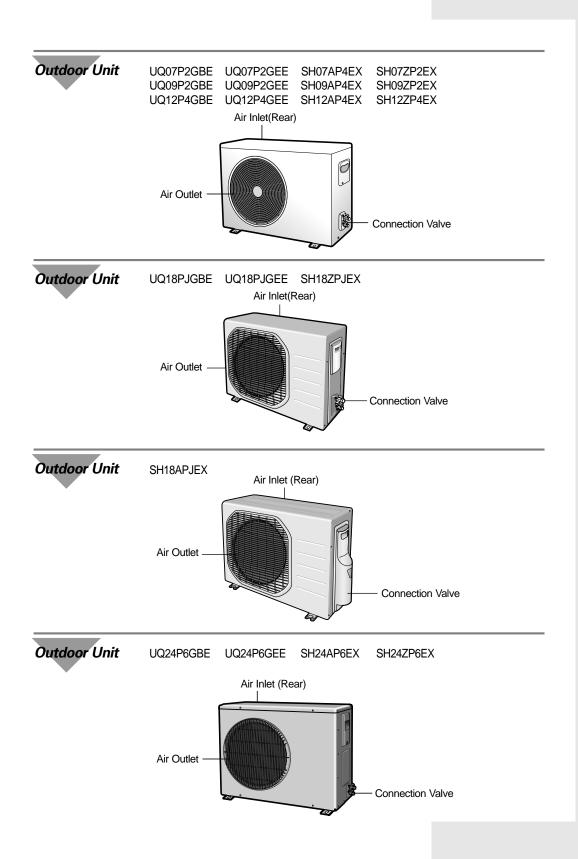
View of the Unit



The design and shape are subject to change according to the model.

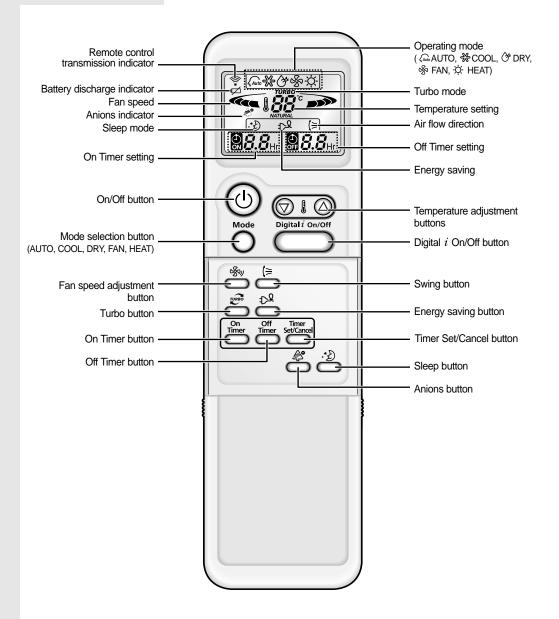
 The room temperature sensor senses air temperature around the sensor, and shows the temperature on the display.

ENGLISH



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Remote Control - Buttons and Display



Getting Started

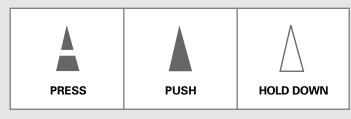
You have just purchased a split type air conditioner and it has been installed by your installation specialist.

Your Owner's Instructions contains valuable information on using your air conditioner. Please take the time to read it as it will help you take full advantage of the unit's features.

The booklet is organized as follows.

- The following figures are shown on pages from 4 to 6 :
 - Indoor and outdoor units
 - Remote control(buttons and display)
 - They will help you find the buttons and understand the symbols displayed.
- In the manual, you will find a series of step-by-step procedures for each function available.

The illustrations in the step-by-step procedures use three different symbols:



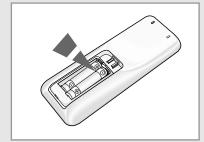
Inserting the Remote Control Batteries

You must insert or replace the remote control batteries when :

- You purchase the air conditioner
- The remote control does not work correctly

Notə

- Use two AAA, LR03 1.5V batteries.
- Do not use old batteries or different kinds of batteries together.
- Batteries may be completely discharged after 12 months, even if they have not actually been used.
- 1 Push the battery cover on the rear of the remote control with your thumb in the direction of the arrow and remove it.



- Insert the two batteries, taking care to respect the polarities :
 ◆ + on the battery with + on the remote control.
 - on the battery with on the remote control.
- 3 Close the cover by sliding it back until it clicks into place.

Selecting the Automatic Operating Mode

You can start the air conditioner in Automatic mode from your remote control. In the Automatic mode, the optimum temperature and the fan speed is selected automatically.

1	If necessary,	press the () (On/Off) button.	
---	---------------	-------------------------------	--

Result:

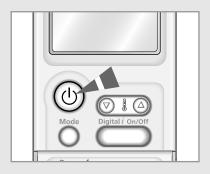
- The operation indicator on the indoor unit lights up. ٠ The air conditioner starts up in the mode selected when the unit was last used.
- The indoor unit beeps.

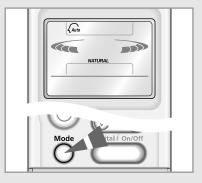
MPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:

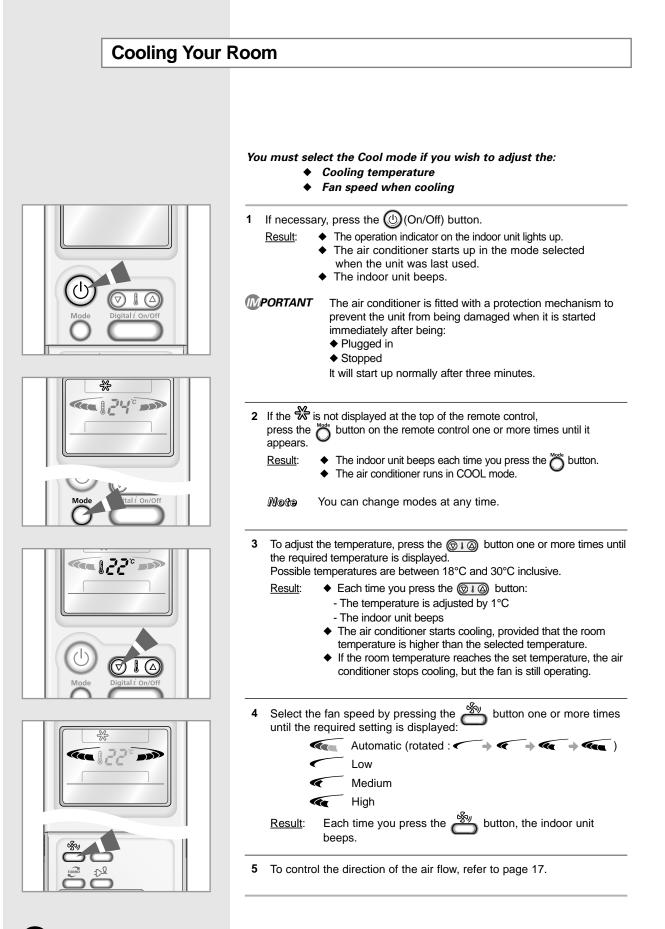
- Plugged in
- Stopped

It will start up normally after three minutes.

- 2 If the A_{uto} is not displayed at the top of the remote control, press the \bigcap^{Mode} button on the remote control one or more times until it appears.
 - ♦ The indoor unit beeps each time you press the ^{Med}/_C button. Result: The air conditioner runs in AUTO mode. ٠
 - Note You can change modes at any time.







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Heating Your Room

You must select the Heat mode if you wish to adjust the:

- Heating temperature
- Fan speed when heating

1 If necessary, press the ()(On/Off) button.

<u>Result</u>:

- The operation indicator on the indoor unit lights up.
 - The air conditioner starts up in the mode selected when the unit was last used.
 - The indoor unit beeps.

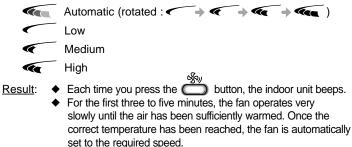
IPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:

- Plugged in
- Stopped
- It will start up normally after three minutes.

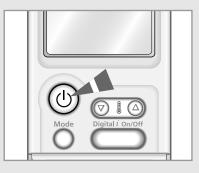
- <u>Result</u>: The indoor unit beeps each time you press the Mot button.
 - The air conditioner runs in HEAT mode.
- Note You can change modes at any time.
- 3 To adjust the temperature, press the <u>log 1</u> button one or more times until the required temperature is displayed.

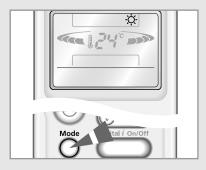
Possible temperatures are between 16°C and 30°C inclusive.

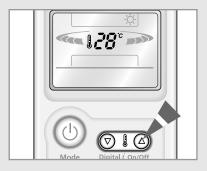
- Result: Each time you press the (button:
 - The temperature is adjusted by 1°C
 - The indoor unit beeps
 - The air conditioner starts heating, provided that the room temperature is lower than the desired temperature (selected temperature+3°C).
 - If the room temperature reaches the set temperature, the air conditioner stops heating, but the fan is still operating.
- 4 Select the fan speed by pressing the until the required setting is displayed:



5 To control the direction of the air flow, refer to page 17.







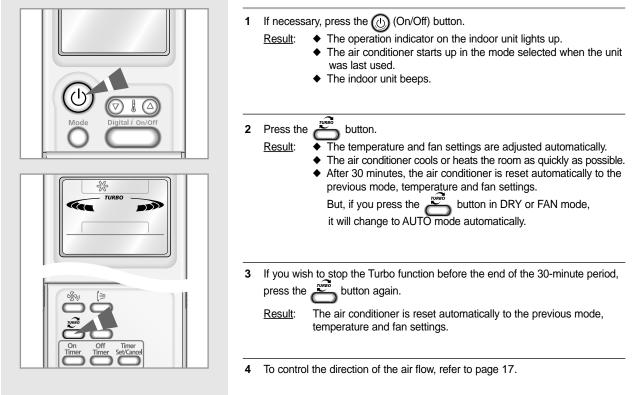


Changing the Room Temperature Quickly

The Turbo cooling/heating function is used to cool or heat your room as quickly as possible.

Example : You have just come home and find that the room is very hot. You wish to cool it down as quickly as possible.

The Turbo function operates for 30 minutes with the maximum settings before returning automatically to the mode and temperature previously selected.



Removing Excess Humidity

If the atmosphere in your room is very humid or damp, you can remove excess humidity without lowering the room temperature too much.

1	If necessary,	press the 🕕 (On/Off) button.
---	---------------	------------------------------

Result:

Result:

- The operation indicator on the indoor unit lights up.
 - The air conditioner starts up in the mode selected when the unit was last used.
 - The indoor unit beeps.

IPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:

- Plugged in
- Stopped

It will start up normally after three minutes.

2 If the ♂ is not displayed at the top of the remote control, press the of button on the remote control one or more times until it appears.

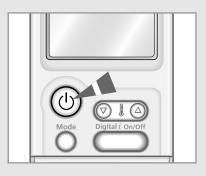
- The indoor unit beeps each time you press the \bigwedge^{Mode} button.
- The air conditioner runs in DRY mode.

Mote You can change modes at any time.

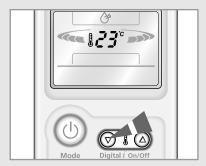
3 To adjust the temperature, press the **i** button one or more times until the required temperature is displayed.

Possible temperatures are between 18°C and 30°C inclusive.

- <u>Result</u>: Each time you press the **B** i **D** button:
 - The temperature is adjusted by 1°C
 - The indoor unit beeps
 - The air conditioner starts removing the excess humidity; the quantity of air is adjusted automatically.
- 4 To control the direction of the air flow, refer to page 17.

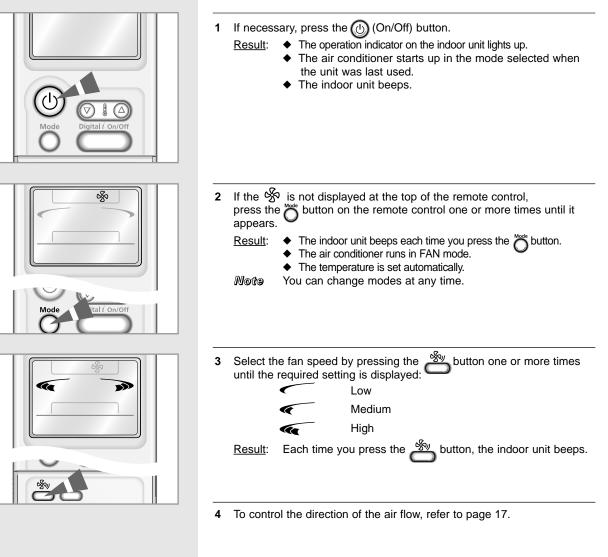






Airing Your Room

If the atmosphere in your room is stale, you can air the room using the Fan feature.



Selecting Energy Saving Mode

If you wish to save energy when using your air conditioner, select the Energy saving mode with the Energy saving button.

If necessary, press the (b) (On/Off) button. Result: ◆ The operation indicator on the indoor up

- The operation indicator on the indoor unit lights up.
 The air conditioner starts up in the mode selected
 - when the unit was last used.
 - The indoor unit beeps.

IPORTANT The air conditioner is fitted with a protection mechanism to prevent the unit from being damaged when it is started immediately after being:

- Plugged in
- Stopped

It will start up normally after three minutes.

2 Select COOL mode by pressing the \bigcap^{Mode} button.

Note You can select the Energy saving mode only in COOL mode.

3 Press the $\stackrel{f}{\longrightarrow}$ button.

Result: The indoor unit beeps.

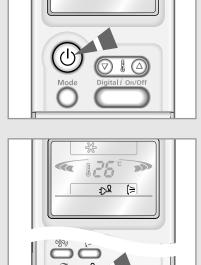
- The air conditioner runs in the Energy saving mode.
- The outer air flow blade moves up and down.
- To stop the Energy saving mode, press the 2^{2} button again.

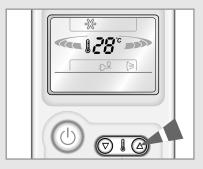
4 To adjust the temperature, press the (∑i △) button one or more times until the required temperature is displayed. Possible temperatures are between 26°C and 30°C inclusive.

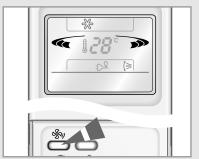
Note If you want to adjust temperature under 26°C, cancel the Energy saving mode before adjusting the temperature.

5 To select the fan speed, press the button one or more times until the required setting is displayed.

6 To control the direction of the air flow, refer to page 17.







Generating Anions

The air conditioner can generate anions with an ionizer in the indoor unit. Since it is an additional function, you can select it any mode, even when the air conditioner is turned off.

- 1 Press the sutton.

<u>Result</u>:
 The air conditioner generates anions.

- The indoor unit beeps.
- Note If you press the button during off, the air conditioner will turn on automatically and generate anions in the Fan mode with Low fan speed.
- If you wish to stop the Anions function, press the button again.
 <u>Result</u>: The air conditioner is reset automatically to the previous mode, temperature and fan settings.
- **3** To control the direction of the air flow, refer to page 17.

Adjusting the Air Flow Direction Vertically

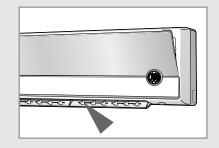
Depending on the position of the indoor unit on the wall of your room, you can adjust the position of the outer air flow blade on the bottom of the unit, thus increasing the efficiency of the air conditioner.

1 Pro	ess the 🧯 butt	on one or more	times as required.	
Re	sult: The outer b	lade is adjusted	l vertically.	
RECO	MMENDATION	When	Adjust the blade to face	
		Cooling	Upwards.	
		Heating	Downwards.	
			d down automatically when the air	⊗ (≥
co <u>Re</u>	nditioner is operati <u>sult</u> : The blade r	ng, press the C nove up and do	button. wn, around the base position set.	Con Timer Timer Timer Timer Set/Cancel
co <u>Re</u>	nditioner is operati	ng, press the C nove up and do	button. wn, around the base position set.	
co <u>Re</u>	nditioner is operati sult: The blade r stop the blade mov	ng, press the nove up and do ing up and dowr	button. wn, around the base position set.	
col <u>Re</u> 3 To	nditioner is operati sult: The blade r stop the blade mov	ng, press the nove up and do ing up and dowr	button. wn, around the base position set. , press the $(\Xi$ button again.	

Adjusting the Air Flow Direction Horizontally

There are two sets of inner air flow blades. Just as the outer air flow blade can be adjusted vertically, the inner blades can be adjusted horizontally.

1 Adjust each set of inner blades to the required position, by pushing or pulling them sideways.



Setting the On Timer

2

Result:

1,**7**4°

9.3.2Hr

9 3.0 Hr

م **بر الر**

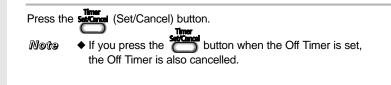
The On Timer enables you to switch on the air conditioner automatically after a given period of time. You can set the period of time from 30 minutes to 24 hours.

1 To set the operating time, press the button one or more times until the required time is displayed. Possible time is between 0.5 hour and 24 hour inclusive.

Press the setting.

- The remaining time is displayed.
 - Blinking of the timer indicator stops.
 - The selected mode and the temperature on the display disappear after 10 seconds.
 - The air conditioner will switch on automatically when the counter displayed on the remote control reaches the set time and disappears the On timer setting.
- 3 To select an operating mode in advance, press the O button until the desired mode is displayed at the top of the remote control.
 - Result: The air conditioner will run in the selected mode when it is turned on.

To Cancel the On Timer



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Setting the 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.

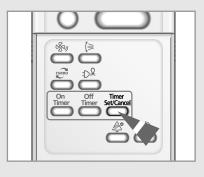
- 1 To set the operating time, press the button one or more times until the required time is displayed. Possible time is between 0.5 hour and 24 hour inclusive.
- 2 Press the setting. (Set/Cancel) button to complete the setting.
 - ◆ The remaining time is displayed.

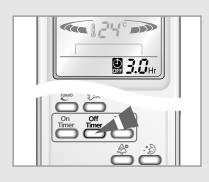
Result:

- ◆ Blinking of the timer indicator stops.
- The air conditioner will switch off automatically when the counter displayed on the remote control reaches the set time and disappears the Off timer setting.
- Example If you would like to turn the air conditioner on after 2 hours and to operate it for 2 hours:
 - 1. Press the button until '2.0 Hr' is displayed.
 - 2. Press the 💏 (Set/Cancel) button.
 - 3. Press the 🗯 button until '4.0 Hr' is displayed.
 - 4. Press the set (Set/Cancel) button.
- Note You can see or change the setting mode and/or the temperature by pressing the Obstance button or the resting button after setting the Off timer.



Press the second (Set/Cancel) button.	
<i>N⊚te</i> ♦ If you press the Sector button when the On Timer is set, the On Timer is also cancelled.	







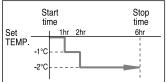
Setting the Sleep Timer

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.

Note If you wish to switch the unit off at a specific time, refer to page 19.

- Make sure that you have selected either COOL or HEAT mode. 1 Press the button. 2 The indoor unit beeps. Result: The air conditioner will be controlled as indicated in the ٠ illustrations below. The desired temperature is Cooling increased by 1°C every hour. 2°0 When it has been increased 1°C by 2°C (after two hours), the Set temperature is maintained for TEMP. 1hr 2hr 6hr
- Heating The desired temperature is decreased by 1°C every hour. When it has been decreased by 2°C (after two hours), the temperature is maintained for four hours.

four hours.



Start

time

Stop

time

To Cancel the Sleep Timer

If you no longer wish to use the Sleep Timer that you have set, you can cancel it at any time.

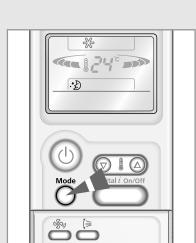
Press the button.

Result:

The indoor unit beeps.

- The \cdot is no longer displayed.
- The air conditioner operates normally.







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Here are a few recommendations that you should follow when using your air conditioner.

Торіс	Recommendation
Heating performances	The heat pump inside the air conditioner absorbs heat from outside air and brings it indoors. If the temperature of the outside air drops, the air conditioner will heat less. If you find that the room is not warm enough, use an additional heating appliance.
Warm air circulation	The air conditioner circulates warm air to heat your room; as a result, some time will be required after starting the air conditioner to warm the entire room. If necessary, set the air conditioner on before you wish to use the room.
Frost	 When outside temperatures are low and humidity is high, frost may form in the outdoor unit when heating is selected. If this happens: The heating operation is stopped. The Deice mode is triggered automatically for about seven minutes. No intervention is required from you; after about seven minutes, the air conditioner starts operating again normally.
High indoor and outdoor temperatures	If both the indoor and outdoor temperatures are high and you select the Heat mode, the outdoor unit's fan and compressor may stop at times. This is normal; simply wait until the air conditioner switches on again.
Power failure	If a power failure occurs when the air conditioner is operating, the unit is switched off. When the power returns, the air conditioner starts up again automatically.

Temperature and Humidity Ranges

The following table indicates the temperature and humidity ranges within which the air conditioner can be used.

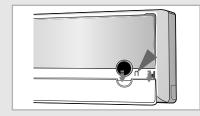
If the air co	nditioner is used at	Then			
High tempe	eratures	The automatic protection feature may be triggered and the air conditioner stopped.		nditioner stopped.	
Low tempe	ratures	A water le	eak or some other malfunction	n may occur if the heat exc	hanger freezes.
High humic	lity levels	Water may	condense on and drip from the	surface of the indoor unit if it is	s used for long periods.
Mode	Outdoor Tempera	ture	Indoor Temperature	Indoor Humidity	

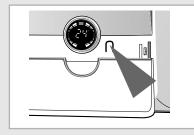
wode	Outdoor remperature	indoor remperature	indoor Humaity
Heating	0°C to 24°C approx.	27°C or less	-
Cooling	21°C to 43°C approx.	18°C to 32°C approx.	80% or less
Drying	18°C to 43°C approx.	18°C to 32°C approx.	-

If the outdoor temperature is as low as 0°C, the heating capacity drops up to 70~80% depending on the operating condition.

If the cooling operation is used at over 33°C(indoor temperature), it does not cool at its full capacity.

Operating Your Air Conditioner Without the Remote Control





Your air conditioner can be operated directly from the indoor unit if the remote control is lost or broken.

- 1 Slide the lower front grille down.
- **2** To switch the air conditioner on, press the ON/OFF switch on the right side of the indoor unit.
 - <u>Result</u>:
 The OPERATION indicator on the indoor unit comes on.
 - ◆ The indoor unit beeps.
 - The air conditioner starts up in the most suitable mode for the room temperature:

Room Temperature	Operating Mode
Less than 21°C	Heat
21°C or above	Cool

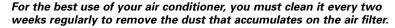
- **3** To switch the air conditioner off, press the ON/OFF switch again.
 - Mote Even if the air conditioner has been switched on via the ON/OFF switch, operations can still be controlled using the remote control as usual.

Solving Common Problems

Before contacting the after-sales service, perform the following simple checks. They may save you the time and expense of an unnecessary call.

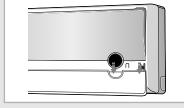
Problem	 Explanation/Solution Check that the breaker used for the air conditioner is switched on. Check that the operation indicator on the indoor unit is on; if necessary press the () (On/Off) button on the remote control. Check whether the TIMER indicator on the indoor unit is switched on. If so: Wait until the switch-on time is reached and the air conditioner starts up automatically Cancel the timer (see pages 18 and 19 for further details) 		
The air conditioner does not operate at all			
The air conditioner does not operate with the remote control	 Check that there are no obstacles between you and the indoor unit. Check the remote control batteries. Check that you are close enough to the indoor unit (seven meters/yards or less). 		
No beep is heard when you press the () (On/Off) on the remote control	 Check that you are pointing the remote control at the remote control sensor in the right of the indoor unit. Replace the remote control batteries if necessary. 		
The air conditioner does not cool or heat	 Check that the correct operating mode has been selected (AUTO, COOL, HEAT). The room temperature may be too low or too high. Dust may be blocking the air filter guard; refer to page 24 for cleaning instructions. Check that there is no obstacle in front of the outdoor unit. 		
When heating, the required room temperature is never reached and the air conditioner frequently stops	 Check that the required temperature has been set correctly. Increase the fan speed. If the air flow is directed upwards, use the remote control to direct it downwards. 		
The fan speed does not change when you press the Soutton	 Check that the operating mode is set to COOL, HEAT or FAN; in the AUTO mode, the fan speed changes automatically and in the DRY mode, it is set to AUTO. 		
The air flow direction does not change when you press the (≒ button	 Check that the air conditioner has been switched on; if necessary, press the () (On/Off) button on the remote control. 		
The timer is not correctly triggered	 Check that the timer has been programmed correctly; see pages 18 and 19. 		
Odour is permeated in the room during air conditioning	♦ Air the room.		

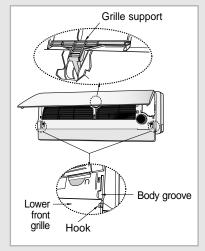
Cleaning Your Air Conditioner



IMPORTANT Before cleaning your air conditioner, ensure that you have switched off the breaker used for the unit.

- 1 Slide the lower front grille down.
- 2 Slide the upper front grille up slightly, then open the grille by pulling right and left sides of the grille.
- 3 Disassemble the upper front grille by opening the grille completely.
- 4 Lift out the bottom edge of the air filters and pull down to release them.
- 5 Remove all dust on the air filters with a vacuum cleaner or brush.
- **6** When you have finished, insert the top part of the filters into their slot and push down on the bottom edge until they click into place.
- 7 Clean the front grille with a damp cloth and mild detergent (do NOT use benzene, solvents or other chemicals).
- 8 Fix the left side of grille support, then insert the right side of grille support.
- Note ♦ If you have not used the air conditioner for a long period of time, set the fan going for three to four hours to dry the inside of the air conditioner thoroughly.
 - To close the upper front grille completely after cleaning filters, turn on and turn off the air conditioner.





Cleaning Deodorizing and Bio Filters (Option)

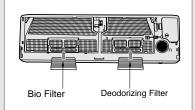
To remove minute dust particles and odors, deodorizing and Bio filters are installed in the air conditioner. You should clean the filters every 3 months.

- 1 Open the upper front grille by pulling right and left sides of the grille.
- 2 Pull out the deodorizing and Bio filters.
- 3 Wash the filters with clean water, then dry them in the shade.
- 4 Insert the filters into the original position.

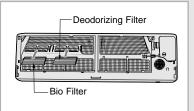
Note You can change the position of filters with each other.

5 Close the front grille.

07/09/12



18/24



THIS AIR CONDITIONER IS MANUFACTURED BY: ESTE AIRE ACONDICIONADO HA SIDO FABRICADO POR: CE CLIMATISEUR EST FABRIQUE PAR: QUESTO CONDIZIONATORE D'ARIA È PRODOTTO DA: ESTE APARELHO DE AR CONDICIONADO É FABRICADO POR: DIESE KLIMAANLAGE IST FABRIZIERT VON: AYTH Η ΣΥΣΚΕΥΗ ΚΑΤΑΣΚΕΥΑΣΤΗΚΕ ΑΠΟ:

