

SAMSUNG

USER'S MANUAL

APC503QG

APC523QF

APC553QF

AP50Q0A

AP55Q0A

AP55Q0B

AP55Q2B

FLOOR STAND TYPE AIR CONDITIONER (Cooling)



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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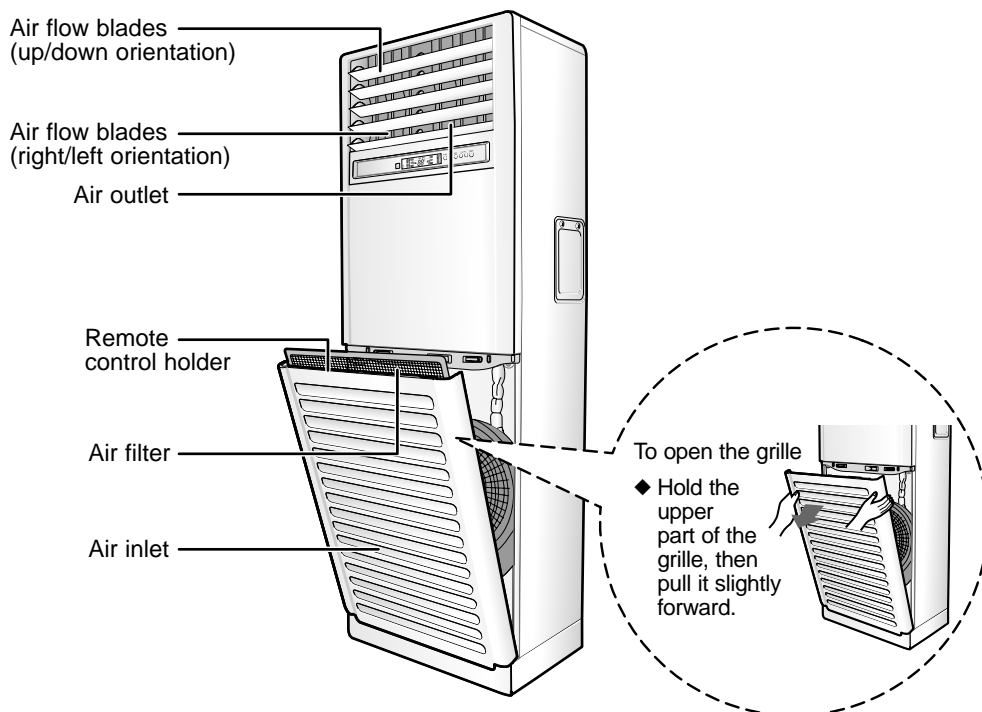
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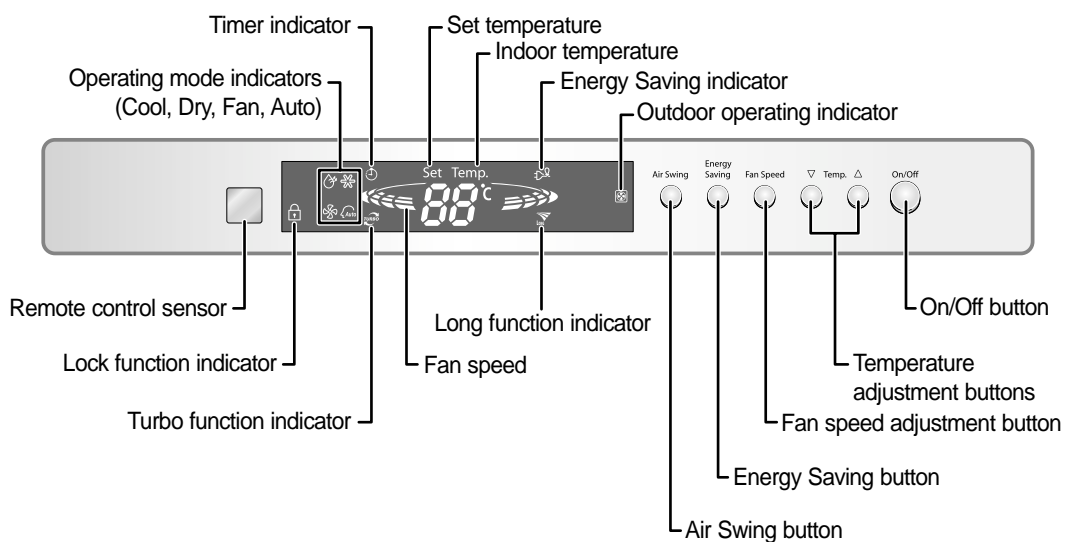
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View of the Unit

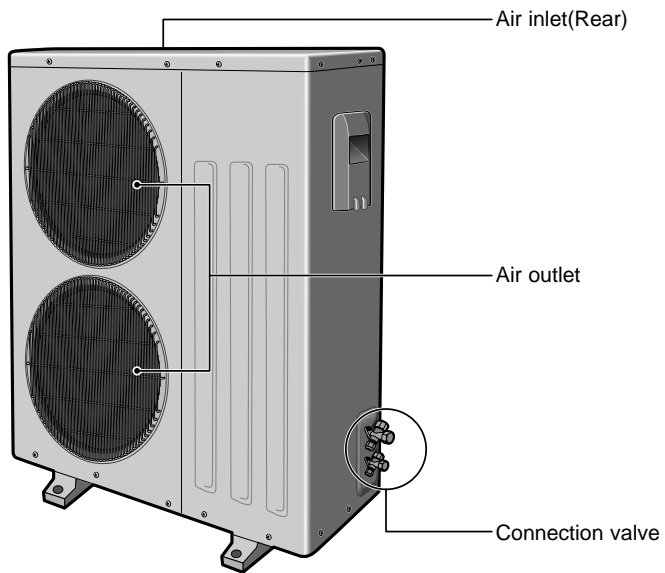
Indoor Unit



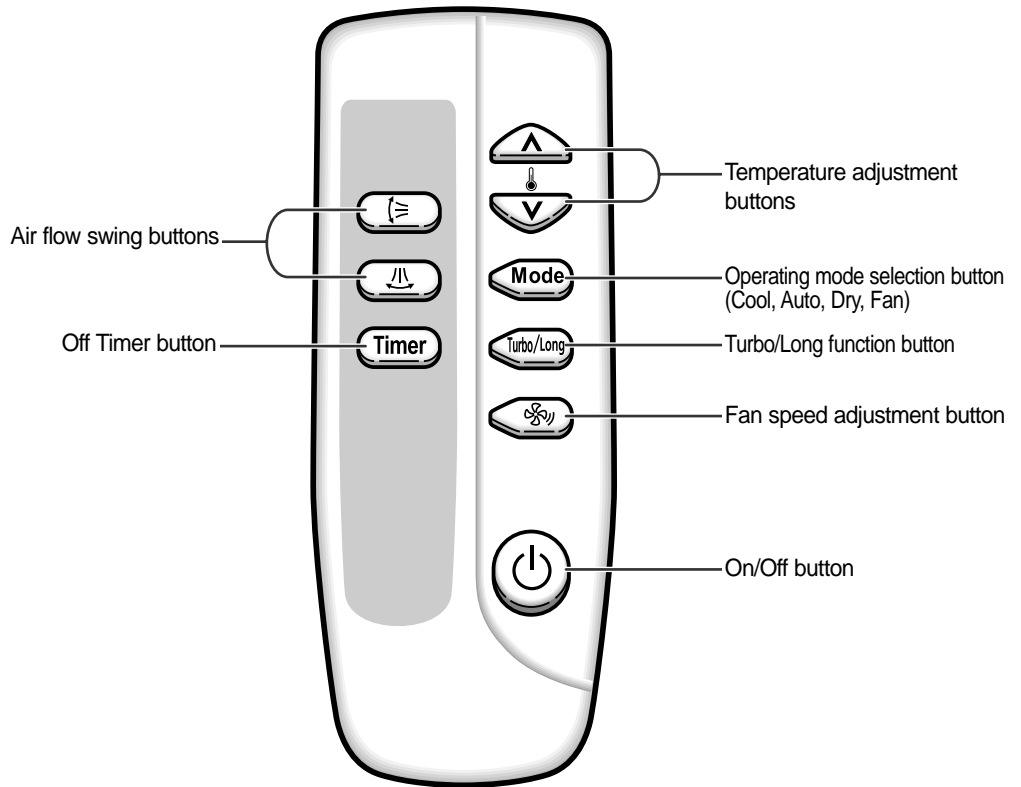
Control Panel You can operate the air conditioner with the control panel when you do not wish to or cannot operate the air conditioner with the remote control.



Outdoor Unit



Remote Control - Buttons



Getting Started

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

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

The booklet is organized as follows.

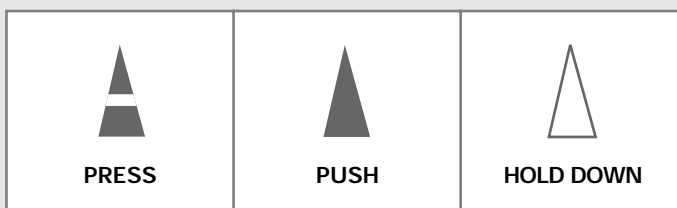
◆ *The following figures are shown on pages from 4 to 6:*

- *Indoor and outdoor units*
- *Remote control (buttons and display)*

They will help you find the buttons and understand the symbols displayed.

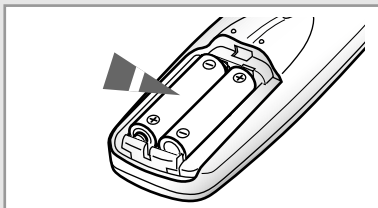
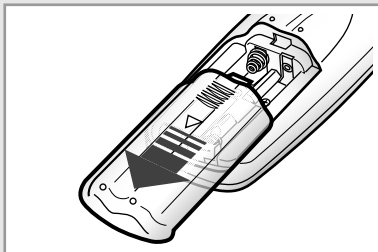
◆ *In the manual, you will find a series of step-by-step procedures for each function available.*

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



For the...	The illustrations are...
Remote control	In the upper part.
Unit itself	In the lower part.

Inserting the Remote Control Batteries



You must insert or replace the remote control batteries when :

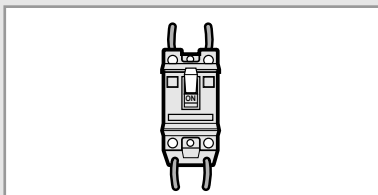
- ◆ *You purchase the air conditioner*
- ◆ *The remote control does not work correctly*

Note

- ◆ 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.
- 2 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.

Operating Preparation



Look around the indoor and outdoor unit. Confirm if any obstacles that may prevent the air flow are present near the air conditioner.

- 1 Turn the power switch on.

IMPORTANT

To operate the unit, the power switch is fitted to the wall must be set to ON.

Using the Control Panel on the Indoor Unit

You can operate with the indoor unit when you do not wish to or cannot operate the air conditioner with the remote control.

You can : Adapt the On/Off, Temperature, Fan Speed, Energy Saving, Air Swing settings to your specific requirements.

Example : Remote control is broken or lost.

Using the Remote Control

All air conditioner features except Lock function and Energy Saving mode can be controlled from your seat by using the remote control.

You can : Adapt the Auto mode, Cool mode, Turbo mode and Fan Speed/Timer settings to your specific requirements.


Note

You must operate the Turbo, Long and Off Timer function with the remote control.

Cooling Your Room

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

- ◆ Cooling temperature
- ◆ Fan speed when cooling


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

- Result:**
- ◆ The power indicator on the control panel comes on.
 - ◆ The indoor unit beeps.
 - ◆ The air conditioner starts up in the Cool mode.

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



- ◆ Switched on
- ◆ Stopped


It will start up normally after three minutes.



2 If the  is not displayed on the control panel, press the **Mode** button on the remote control one or more times until it appears.


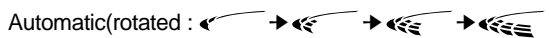



- Result:**
- ◆ The indoor unit beeps each time you press the **Mode** button.
 - ◆ The air conditioner runs in the Cool mode.


Note You can change modes at any time.

3 To adjust the temperature, press the  buttons on the remote control or  buttons on the control panel one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

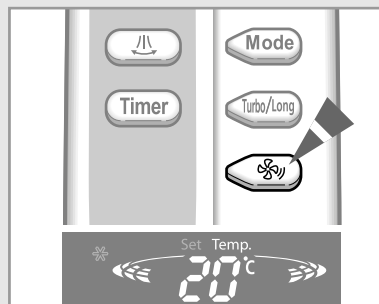
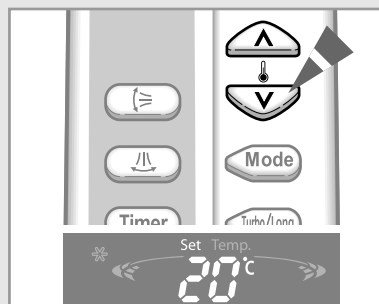
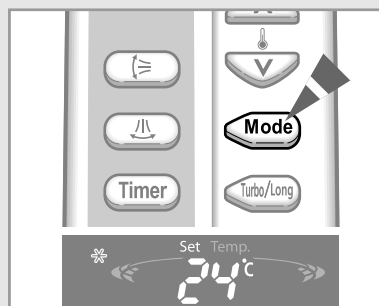
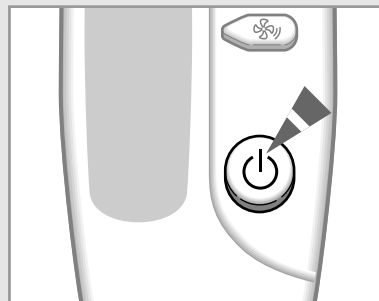
- Result:**
- ◆ Each time you press the  buttons:
 - The temperature is adjusted by 1°C.
 - The indoor unit beeps.
 - ◆ The air conditioner starts cooling, provided that the room temperature is higher than the selected temperature.
 - ◆ If the room temperature reaches the set temperature, the air conditioner stops cooling, but the fan is still operating.

4 Select the fan speed by pressing the  button on the remote control or  button one or more times until the required setting is displayed :

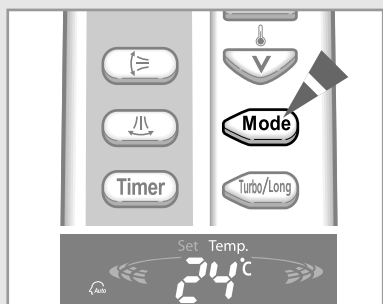
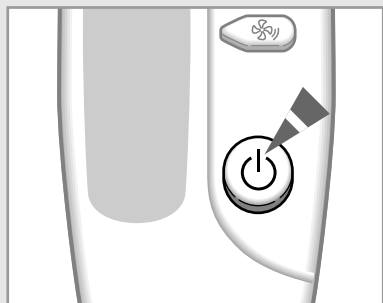
-  Automatic (rotated : )
-  Low
-  Medium
-  High

Result: ◆ Each time you press the  button, the indoor unit beeps.


5 To control the direction of the air flow, refer to page 16.



Selecting the Automatic Operating Mode



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

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



Result:

- ◆ The power indicator on the control panel comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the Cool mode.


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

- ◆ Switched on
- ◆ Stopped

It will start up normally after three minutes.


- 2 If the  is not displayed on the control panel, press the  button on the remote control one or more times until it appears.

Result:

- ◆ The indoor unit beeps each time you press the  button.
- ◆ The air conditioner runs in the Auto mode.

Note You can change modes at any time.

- 3 To control the direction of the air flow, refer to page 16.


Note To adjust the temperature, press the  buttons. The temperature will be adjusted and the mode will be changed with the Cool mode.

Changing the Room Temperature Quickly

The Turbo function is used to cool 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 setting before returning automatically to the mode and temperature previously selected.

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

Result:

- ◆ The power indicator on the control panel comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the Cool mode.


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


- ◆ Switched on
- ◆ Stopped

It will start up normally after three minutes.

- 2 Press the  button.

Result:

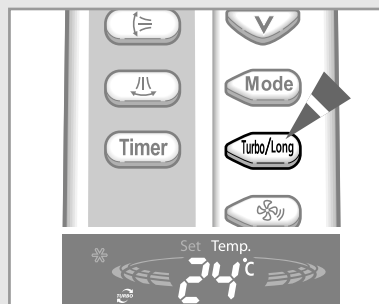
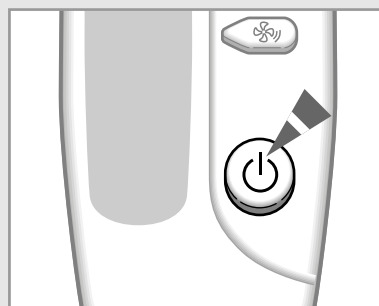
- ◆ The air conditioner cools the room as quickly as possible.
- ◆ The temperature and fan settings are adjusted automatically.
- ◆ After 30 minutes, the air conditioner is reset automatically to the previous mode, temperature and fan setting. But, if you press the  button in the Dry or the Fan mode that is changed with the Auto mode automatically.

- 3 If you wish to stop the Turbo function before the end of 30-minute period, press the  button twice.

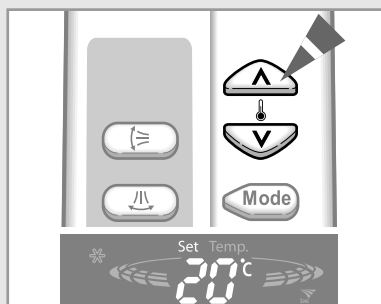
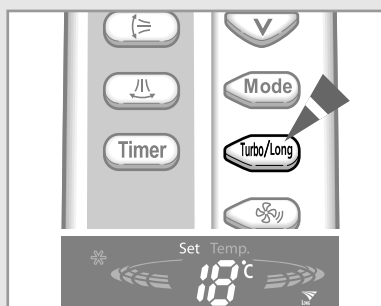
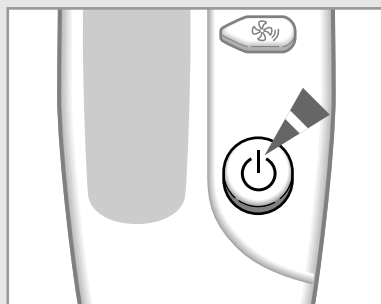
Result:

- ◆ The air conditioner is reset automatically to the previous mode, temperature and fan settings.


- 4 To control the direction of the air flow, refer to page 16.



Cooling Distant Place



The Long function is used to cool your room as far as possible. In the Long mode, the up/down orientation of air flow and fan speed are selected automatically.

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

Result:

- ◆ The power indicator on the control panel comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the Cool mode.


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


- ◆ Switched on
- ◆ Stopped

It will start up normally after three minutes.


- 2 Press the  button twice.

Result:

- ◆ The air conditioner cools the room as far as possible.
- ◆ The fan settings are adjusted automatically.
- ◆ If you press the  button in the Dry or the Fan mode that is changed with the Auto mode automatically.

- 3 To adjust the temperature, press the  buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Result:

- ◆ Each time you press the  buttons:
 - The temperature is adjusted by 1°C.
 - The indoor unit beeps.

- 4 If you wish to stop the Long function, press the  button again.


Result:

- ◆ The air conditioner is reset automatically to the previous mode, temperature and fan settings.

- 5 To control the direction of the air flow horizontally, refer to page 16.

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:

- ◆ The power indicator on the control panel comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the Cool mode.


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

- ◆ Switched on
- ◆ Stopped


It will start up normally after three minutes.

- 2 If the  is not displayed on the control panel, press the  button on the remote control one or more times until it appears.


Result:

- ◆ The indoor unit beeps each time you press the  button.
- ◆ The air conditioner runs in the Dry mode.

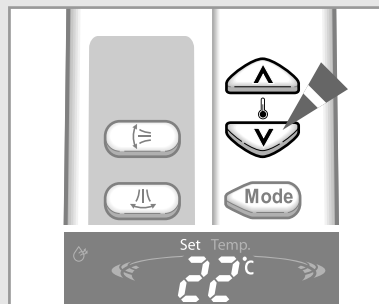
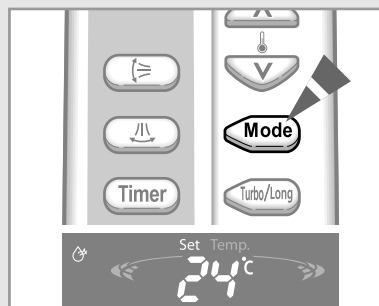
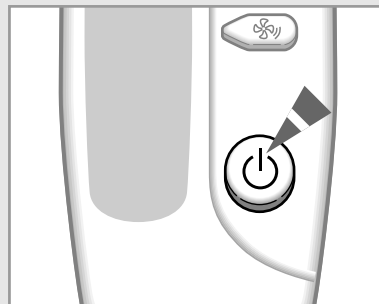
Note You can change modes at any time.

- 3 To adjust the temperature, press the  buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

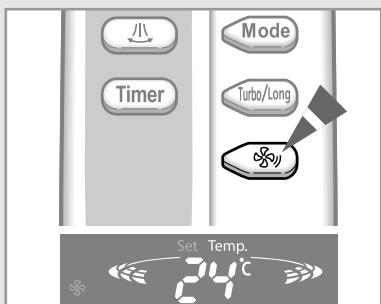
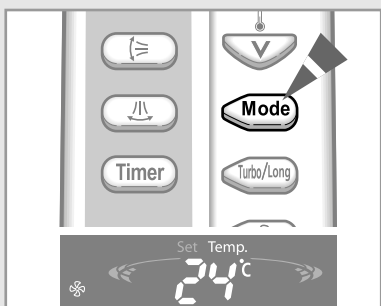
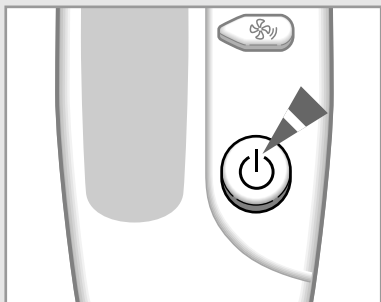
Result:

- ◆ Each time you press the  buttons:
 - 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 16.



Airing Your Room



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

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

Result:

- ◆ The power indicator on the control panel comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the Cool mode.

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

- ◆ Switched on
- ◆ Stopped

It will start up normally after three minutes.

- 2 If the is not displayed on the control panel, press the button on the remote control one or more times until it appears.

Result:

- ◆ The indoor unit beeps each time you press the button.
- ◆ The air conditioner runs in the Fan mode.

Note You can change modes at any time.

- 3 Select the fan speed by pressing the button one or more times until the required setting is displayed:

Low
 Medium
 High


Result: ◆ Each time you press the button, the indoor unit beeps.

- 4 To control the direction of the air flow, refer to page 16.

Note To adjust the temperature, press the buttons. The temperature will be adjusted and the mode will be changed with the Cool mode.

Selecting Energy Saving Mode

If you wish to save energy when using the control panel of your air conditioner, select the Energy Saving mode with the Energy Saving button.

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

Result:

- ◆ The power indicator on the control panel comes on.
- ◆ The indoor unit beeps.
- ◆ The air conditioner starts up in the Cool mode.

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


- ◆ Switched on
- ◆ Stopped

It will start up normally after three minutes.


- 2 Press the  button on the control panel.

Result:

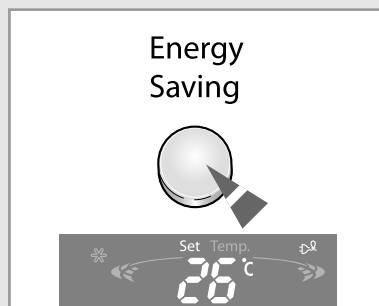
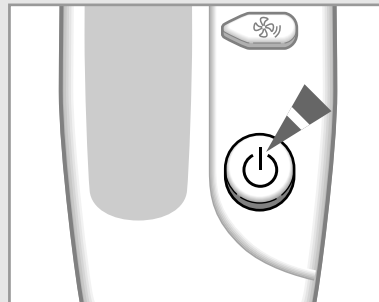
- ◆ The indoor unit beeps.
- ◆ The air conditioner runs in the Energy Saving mode.
- ◆ The outer air flow blade moves up and down.

- 3 To adjust the temperature, press the  buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.

Note ◆ You can adjust the temperature only when the air conditioner runs in the Cool mode.

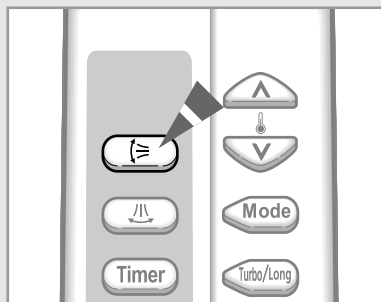
- 4 To select the fan speed, press the  button one or more times until the required setting is displayed.


- 5 To control the direction of the air flow, refer to page 16.



Adjusting the Air Flow Direction Vertically

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




- 1 Press the  button.

Result: ♦ The outer blade moves up and down.

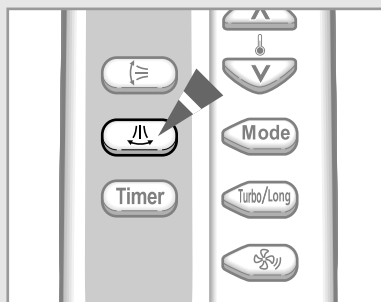
RECOMMENDATION

When...	Adjust the blade to face...
Cooling	Upwards.

- 2 To stop the blade moving up and down, press the  button again.


Adjusting the Air Flow Direction Horizontally

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



- 1 Press the  button.

Result: ♦ The inner blade moves right and left.


- 2 To stop the blade moving right and left, press the  button again.

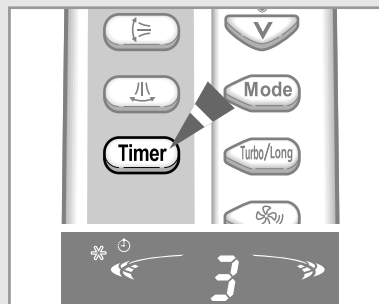
Setting the Off Timer

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 1 to 8 hours. You can select the Off Timer only when the air conditioner is on.

To set the operating time, press the **Timer** button one or more times until the required time is displayed. Possible time is between 1 hour and 8 hours inclusive.

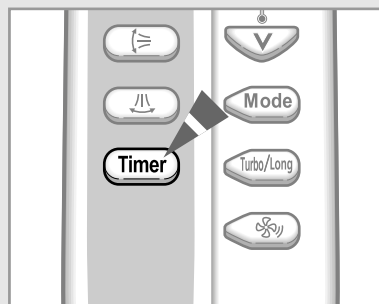
- Result:**
- ◆ After blinking of the timer indicator for 5 seconds, it will be changed to temperature setting.
 - ◆ The air conditioner will switch off automatically after the set time and the Off Timer indicator disappears.

Note You can see or change the setting mode and/or the temperature by pressing the **Mode** button or the  buttons after setting the Off Timer.

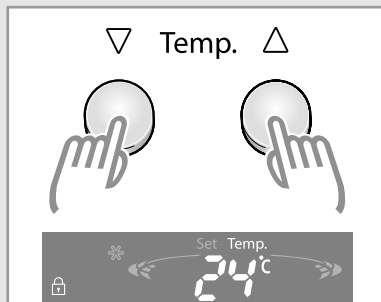


To Cancel the Off Timer



Press the **Timer** button one or more times until the Off Timer indicator disappears.



Other Function





You can use the Lock function on the control panel of the indoor unit.

- 1 Press the   buttons simultaneously for 3 seconds.

Result: ♦  indicates on the control panel.


♦ The control panel is locked.

Note You can use the remote control even if the control panel is locked.

- 2 To cancel the Lock function, press the   buttons simultaneously for 3 seconds once again.

Operating Recommendation

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

Topic	Recommendation
Power failure	If a power failure occurs when the air conditioner is operating, the unit is switched off. When the power returns, you must press the  (On/Off) button to restart it.

Temperature and Humidity Ranges

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

If the air conditioner is used at...	Then...
High temperature	The automatic protection feature may be triggered and the air conditioner stopped.
Low temperature	A water leakage or some other malfunction may happen if the heat exchanger freezes.
High humidity levels	Water may condense on and drip from the surface of the indoor unit if it is used for a long periods.

Mode	Outdoor Temperature	Indoor Temperature	Indoor Humidity
Cooling	21°C to 54°C approx.	18°C to 32°C approx.	80% or less
Drying	18°C to 54°C approx.	18°C to 32°C approx.	-

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

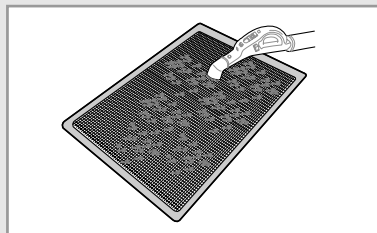
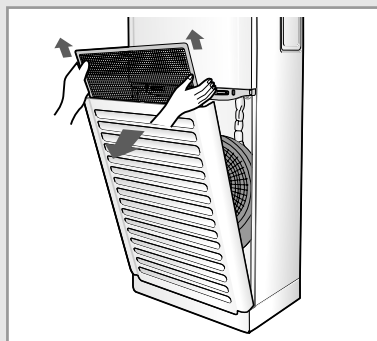
Cleaning Your Air Conditioner

For the best use of your air conditioner, you must clean it every two weeks regularly to remove the dust that accumulates on the air filter.

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







- 1 Open the front grille, then pull out the air filter.
- 2 Remove all dust on the air filter with a vacuum cleaner or brush.
- 3 When you have finished, insert the air filter into the original position and close the front grille.
- 4 Clean the unit with a damp cloth and mild detergent (do NOT use benzene, solvents or other chemicals).

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.



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
The air conditioner does not operate at all	<ul style="list-style-type: none"> ◆ Check that the breaker used for the air conditioner is switched on. ◆ Check that the indoor unit is turned 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: <ul style="list-style-type: none"> - Wait until the switch-on time is reached and the air conditioner starts up automatically. - Cancel the Timer (see page 17 for further details)
The air conditioner does not operate with the remote control	<ul style="list-style-type: none"> ◆ 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 metres/ yards or less).
No beep is heard when you press the  (On/Off) button on the remote control	<ul style="list-style-type: none"> ◆ Check that you are pointing the remote control at the remote control sensor of the indoor unit. ◆ Replace the remote control batteries if necessary.
The air conditioner does not cool	<ul style="list-style-type: none"> ◆ Check that the correct operating mode has been selected (Cool, Auto). ◆ The room temperature may be too low or too high. ◆ Dust may be blocking the air filter guard; refer to page 21 for cleaning instructions. ◆ Check that there is no obstacle in front of the outdoor unit.
The fan speed does not change when you press the  button	<ul style="list-style-type: none"> ◆ Check that the operating mode is set to Cool, or Fan ; in the Auto, Turbo, Long and Dry mode, the fan speed is controlled automatically.
The air flow direction does not change when you press the  or  button	<ul style="list-style-type: none"> ◆ 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	<ul style="list-style-type: none"> ◆ Check that the timer has been programmed correctly; see page 17.
Odour is permeated in the room during air conditioning	<ul style="list-style-type: none"> ◆ Air the room.

Technical Specifications

Model	Power Supply
APC503QG AP50Q0A	3N~, 380V, 50Hz
APC523QF APC553QF AP55Q0A AP55Q0B	3~, 220V, 60Hz
AP55Q2B	3N~, 380V, 60Hz



Contact SAMSUNG WORLD WIDE

If you have any comments or questions regarding a Samsung product, contact the SAMSUNG customer care center.

Country	Customer Care Center ☎	Web Site
TURKEY	444 77 11	www.samsung.com
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