SAMSUNG

USER'S MANUAL

AW0503B	AW1005B	AW1805B
AW0505B	AW1009B	AW1809B
AW0509B	AW089CB	AW2402B
AW0603B	AW109CB	AW2404B
AW0605B	AW1203B	AW2406B
AW0609B	AW1205B	AW129CB
AW0803B	AW1209B	AW140CB
AW0805B	AW1403B	AW189CB
AW0809B	AW1409B	AW10NCB7
AW1003B	AW1803B	AW12NCB7
AW14NCB7	AW18NCB7	

Window-type Room Air Conditioner
(Cooling)

Ⓔ Ⓢ DB98-15114B(5)
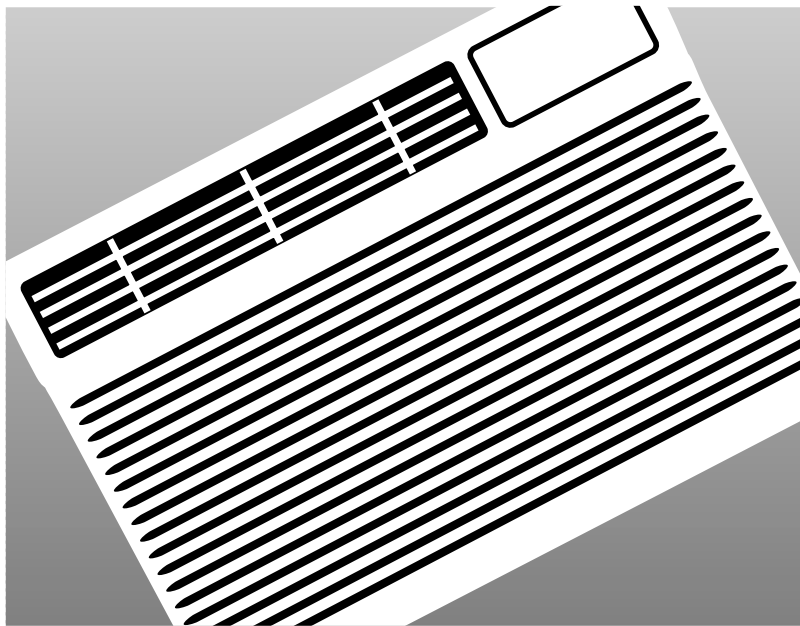
Safety Precautions

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)

◆ The air conditioner must be plugged into its own specific power source, which must be installed in compliance with national wiring,earthing and safety regulations.

◆ If the power cord is damaged in any way, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

◆ This device must be installed according to the national electrical rules.

◆ The appliance must be installation that the plug should be easily accessible after installation.

◆ If the fuse on PC board is broken please change it with the type of T 3.15A 250V.

◆ The breaker of the air conditioner should be all-pole switch; and the distance between its two contacts should be no less than 3.5mm. Such means for disconnection must be incorporation in the fixed wiring.

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.
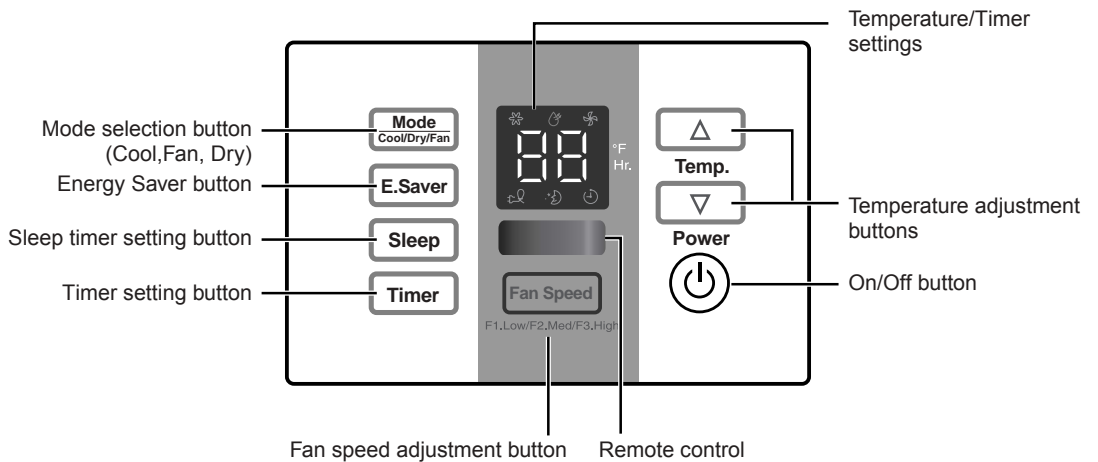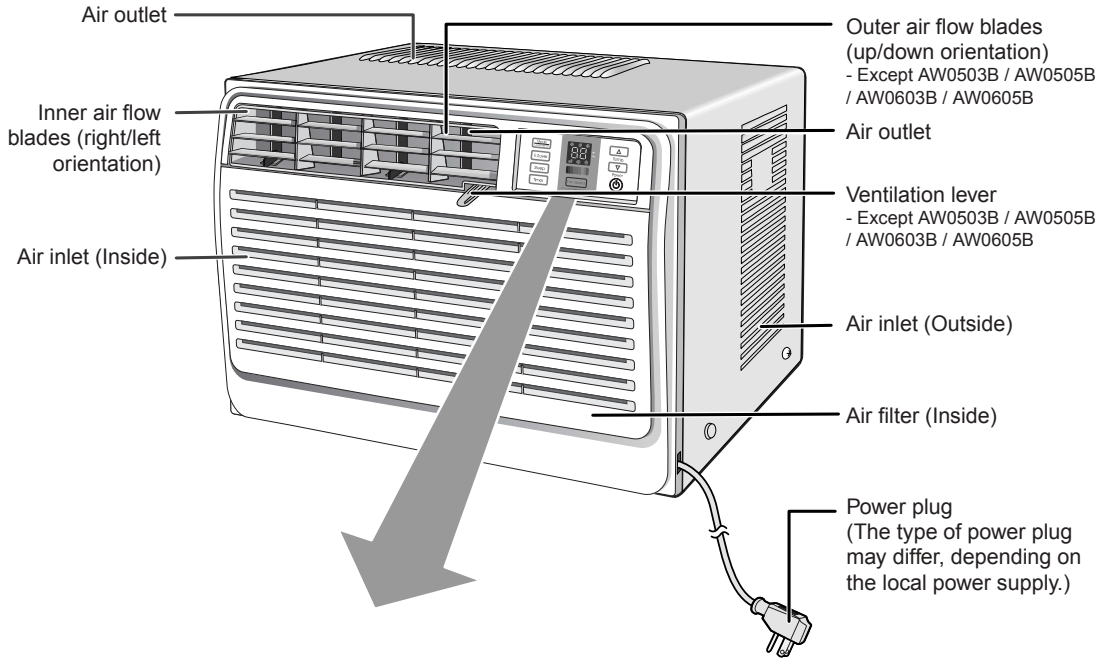
OTHERS

◆ 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.
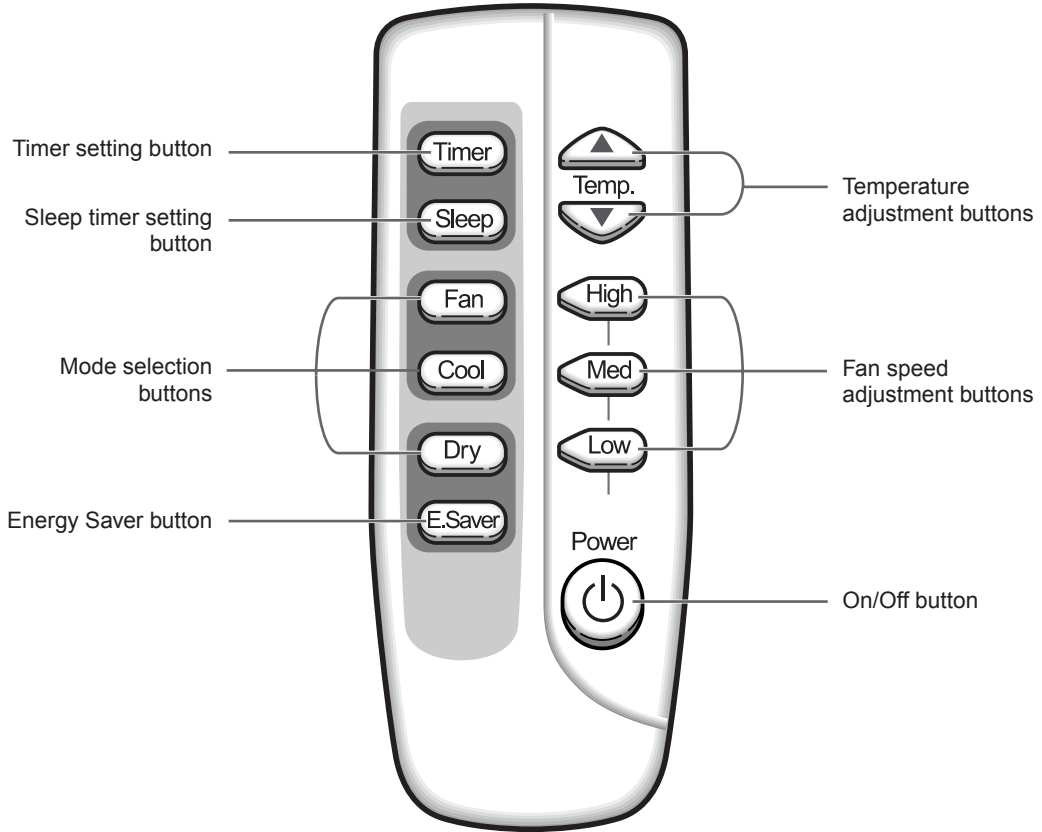
Contents

Description of Each Component

❈ The design and shape are subject to change.

Air outlet

Inner air flow blades (right/left orientation)

Air inlet (Inside)

Outer air flow blades (up/down orientation)
- Except AW0503B / AW0505B / AW0603B / AW0605B

Air outlet

Ventilation lever
- Except AW0503B / AW0505B / AW0603B / AW0605B

Air inlet (Outside)

Air filter (Inside)

Power plug
(The type of power plug may differ, depending on the local power supply.)

Temperature/Timer settings

Mode selection button (Cool,Fan, Dry)

Mode
Cool/Dry/Fan

Energy Saver button

E.Saver

Sleep timer setting button

Sleep

Timer setting button

Timer

Fan Speed
F1.Low/F2.Med/F3.High

°F
Hr.

△
Temp.

▽
Power

⏻

Temperature adjustment buttons

On/Off button

Fan speed adjustment button

Remote control

Remote Control - Buttons

Timer setting button

Sleep timer setting button

Mode selection buttons

Energy Saver button

Timer

Sleep

Fan

Cool

Dry

E.Saver

Temp.

High

Med

Low

Power

Temperature adjustment buttons

Fan speed adjustment buttons

On/Off button

Getting Started

You have just purchased a Samsung window-type Room Air Conditioner which should be installed by following your installation manual.

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

The Manual is organized as follows.

◆ *The illustrations shown on pages 4 and 5 will help you find the buttons on the Remote control and Air Conditioner. The illustrations also provide a description of each component found on the Air Conditioner.*

◆ *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 four different symbols:

PRESS	PUSH	IMPORTANT	NOTE
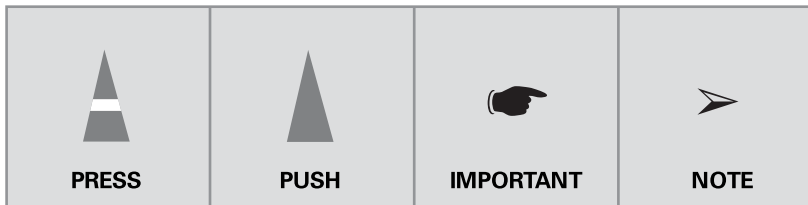
Inserting the Remote Control Batteries

You must insert or replace the remote control batteries when :
- ◆ *You purchase the air conditioner*
- ◆ *The remote control does not work correctly*

➢
- ◆ 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.
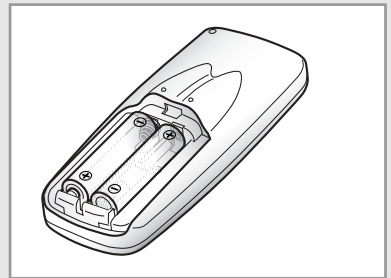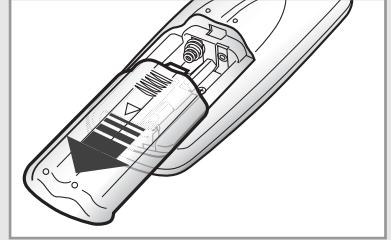
Cooling Your Room
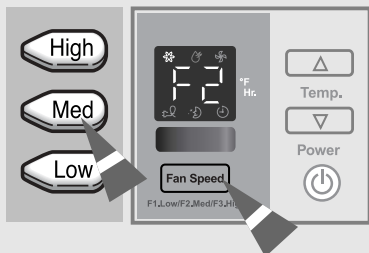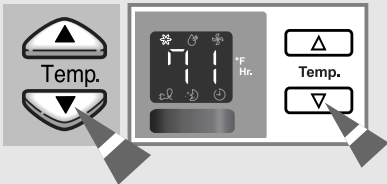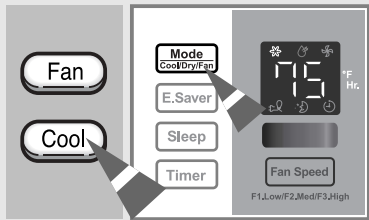
You must select the Cool mode if you wish to lower the temperature in your room. You can also set the Fan speed.

Remote Control   **Control Panel**

1   Press the ⏻ (On/Off) button.
   <u>Result:</u>   ◆ The air conditioner starts up in the Cool mode.
   ◆ The unit beeps twice.

☞   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 temperature is not displayed on the control panel:
   ◆ Press the `Cool` button on the remote control
   or
   ◆ Press the `Mode` button on the unit one or more times until the temperature is displayed.
   <u>Result:</u>   ◆ The unit beeps each time you press the `Cool` / `Mode` button.
   ◆ The air conditioner starts up in the Cool mode.

   ➤   You can change modes at any time.

3   To adjust the temperature, press the ▲ or ▼ buttons on the remote control or unit one or more times until the desired temperature is displayed.
   The temperature can be set between 64°F and 86°F.
   <u>Result:</u>   ◆ Each time you press the `△` or `▽` buttons:
   – The temperature is adjusted by 1°F and displayed on the control panel
   – The unit beeps
   ◆ The air conditioner starts cooling, if 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   To set the fan speed:
   ◆ Press the `High`, `Med` or `Low` button on the remote control as desired.
   or
   ◆ Press the `Fan Speed` button on the unit one or more times until the desired Fan speed(F1, F2 or F3) is displayed.

5   To control the direction of the air flow, refer to page 11.

Airing Your Room

If you want to provide air circulation without cooling, you can use the Fan mode.

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

    <u>Result:</u> ◆ The air conditioner starts up in the Cool mode.

              ◆ The unit beeps twice.

Power

2   If the fan speed(F1, F2 or F3) is not displayed on the control panel:
   - ◆ Press the ⌈Fan⌉ button on the remote control
       or
   - ◆ Press the ⌈Mode CoolDryFan⌉ button on the unit one or more times until the fan speed (F1, F2 or F3) is displayed.

   <u>Result:</u> ◆ The unit beeps each time you press the ⌈Fan⌉ / ⌈Mode CoolDryFan⌉ button.

            ◆ The air conditioner starts up in Fan mode.

➢   You can change modes at any time.
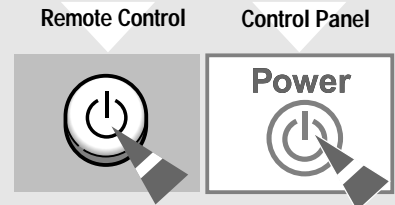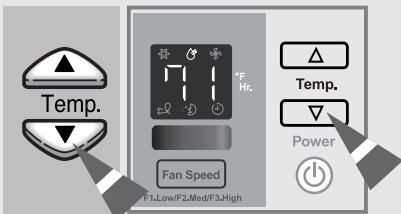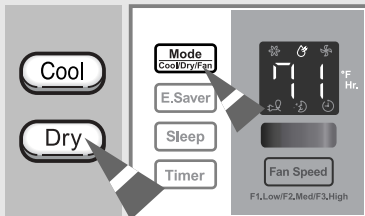   When the air conditioner is in the Fan mode, the temperature cannot be set or displayed.

3   To set the fan speed:
   - ◆ Press the ⌈High⌉, ⌈Med⌉ or ⌈Low⌉ button on the remote control as desired.
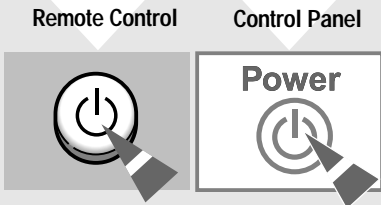   or
   - ◆ Press the ⌈Fan Speed⌉ button on the unit one or more times until the desired fan speed(F1, F2 or F3) is displayed.

4   To control the direction of the air flow, refer to page 11.
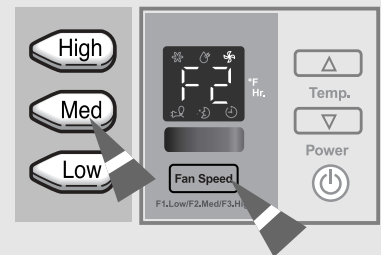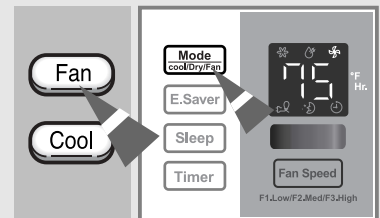
Removing Excess Humidity

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 air conditioner starts up in the Cool mode.

   ◆ The unit beeps.

   ☞ 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 temperature is not displayed on the control panel:
   ◆ Press the ⟨Dry⟩ button on the remote control
     or
   ◆ Press the ⟨Mode⟩ button on the unit one or more times until the temperature is displayed.

   Result: ◆ The unit beeps each time you press the ⟨Dry⟩ / ⟨Mode⟩ button.

   ◆ The air conditioner starts up in the Cool mode.

   ➢ You can change modes at any time.

3 To adjust the temperature, press the ⟨△⟩ or ⟨▽⟩ buttons one or more times until the required temperature is displayed.
   Possible temperatures are between 64°F and 86°F inclusive.

   Result: ◆ Each time you press the ⟨△⟩ or ⟨▽⟩ buttons:
   - The temperature is adjusted by 1°F
   - The 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 11.

Adjusting the Air Flow Direction Horizontally

*Depending on the position of the unit in your room, you can adjust
the orientation of the inner air flow blades on the unit.*

Adjust the air flow blades to the desired position by sliding them side to side.
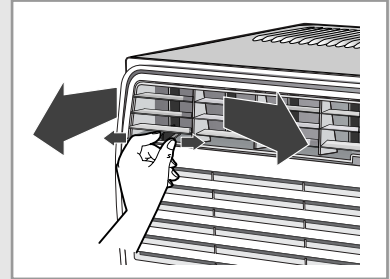

Adjusting the Air Flow Direction Vertically

*The outer air flow blades can be adjusted to control the vertical air
flow direction. (Except AW0503B / AW0505B /AW0509B/ AW0603B/AW0605B/AW0609B)*

| RECOMMENDATION	When...	Adjust the blades to face...
	Cooling	Upwards.

Adjust the air flow blades to the desired position, by pushing them
upwards or downwards.

➢ If you orient the air flow blades downwards and the unit operates
in Cool mode for long periods of time, dew may:
- Form on the surface of the blades
- Drip from the blades
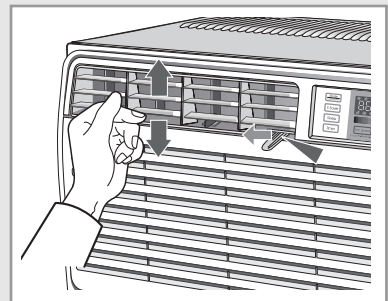
Setting the On Timer

The On Timer enables you to switch on the air conditioner automatically after a given time. You can select the On timer only when the air conditioner is off. You can select the On timer when the air conditioner operates in the Cool or Dry mode.

Remote Control   **Control Panel**
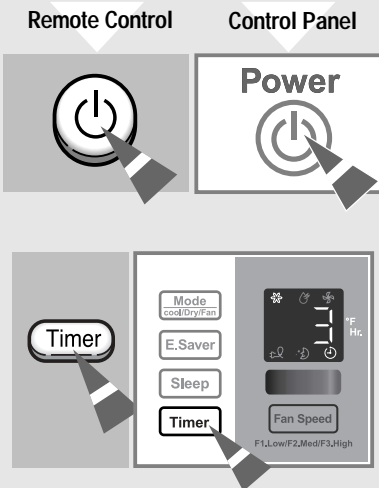
1 Check that the air conditioner has been switched off; if necessary, press the ⏻ (On/Off) button.

2 Set the operating time by pressing the (Timer) button on the remote control or [Timer] button on the unit one or more times until the desired time is displayed. The operating time can be set between 1 and 24 hours.

Result: ◆ Each time you press the [Timer] button:
– The time is adjusted by 1 hour and displayed on the control panel
– The unit beeps
◆ The operating time is displayed and decreases automatically to indicate the remaining time.
◆ The air conditioner starts up in the Cool or Dry mode automatically when the operating time reaches zero.

➢ You can select the fan speed, temperature and Energy saving mode after setting the On timer and Off timer mode. However, when you change the mode, the On timer and Off timer mode is canceled.

To Cancel the On Timer

To cancel the timer, press:
◆ Timer on the remote control or unit one or more times until "--" is displayed.
or
◆ The ⏻ (On/Off) button on the remote control or unit (The air conditioner operates in the mode selected when the unit was last used.)

Setting the Off Timer

The Off Timer enables you to switch off the air conditioner automatically after a given time. You can select the Off timer only when the air conditioner is on. You can select the Off timer when the air conditioner operates in the Cool or Dry mode.

Remote Control   **Control Panel**

1   Check that the air conditioner has been switched on; if necessary, press the ⏻ (On/Off) button.

2   Set the operating time by pressing the (Timer) button on the remote control or [Timer] button on the unit one or more times until the desired time is displayed. The operating time can be set between 1 and 24 hours.

Result: ◆ Each time you press the [Timer] button:
– The time is adjusted by 1 hour and displayed on the control panel
– The unit beeps
◆ The operating time is displayed and decreases automatically to indicate the remaining time.
◆ The air conditioner switches off automatically when the operating time reaches zero.

➢   You can select the fan speed, temperature and Energy saving mode after setting the On timer and Off timer mode. However, when you change the mode, the On timer and Off timer mode is canceled.
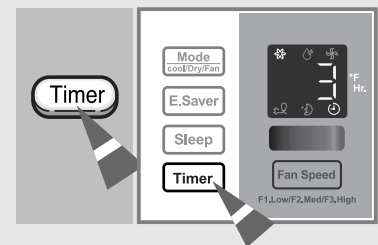
To Cancel the Off Timer

To cancel the timer, press:
◆   Timer on the remote control or unit one or more times until "--" is displayed.
   or
◆   The ⏻ (On/Off) button on the remote control or unit.

Selecting Sleep Mode

Remote Control **Control Panel**

Power

Sleep

Mode
cool/Dry/Fan

E.Saver
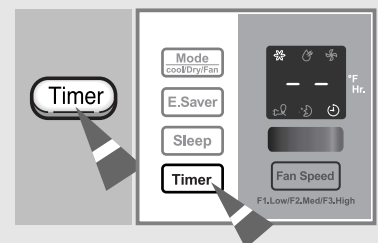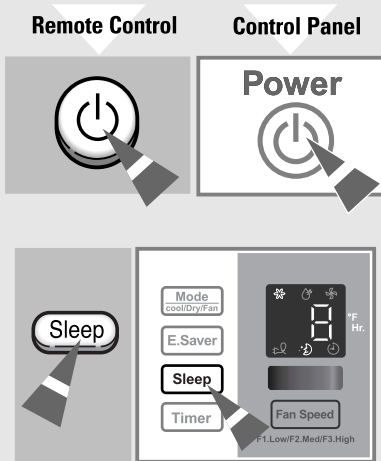
Sleep

Timer

Fan Speed

F1.Low/F2.Med/F3.High

The Sleep mode can be used when you are cooling your room to switch the Air Conditioner off automatically after 8 hours.

➢ *The Sleep function can be set whether the air conditioner is switched on or off, and this function can be selected for any mode.*
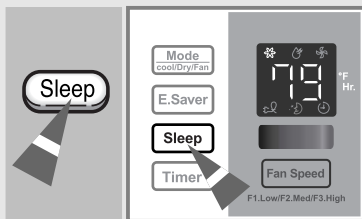
Press the (Sleep) button on the remote control
or
press the [Sleep] button on the unit.

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

◆ The ⁚☽ indicator and " 8 " will be displayed.

◆ The remaining time is decreased and displayed in 1 hour segments.

◆ If Sleep is selected after switching on the unit, the air conditioner will run in Cool mode. During this period, the temperature displayed is the one you set for the Cool mode. If Sleep is selected before switching on the unit, the Air Conditioner starts in Cool mode and the temperature is set to 79°F.

◆ The fan runs in low mode (F1), and you can adjust the speed.

To Cancel the Sleep Mode

Sleep

Mode
cool/Dry/Fan

E.Saver

Sleep

Timer

Fan Speed

F1.Low/F2.Med/F3.High

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

1 Press the button on the Remote control
or
press the button on the unit
to switch off the Air Conditioner.

2 To cancel the selected Sleep mode, you can also press the (Sleep) , (E.Saver) , (Timer) , (Fan) or (Dry) button on the Remote control
or
press the [Sleep] , [E.Saver] , [Mode cool/Dry/Fan] or [Timer] button on the unit.

Result: ◆ The unit beeps.
◆ The ⁚☽ indicator is no longer displayed.
◆ The Air Conditioner will operate with the previously selected settings.

➢ If you select the Energy Saving mode while in Sleep mode, the Sleep mode will be cancelled and the air conditioner will start in the Energy Saving mode.

Selecting Energy Saving Mode

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

1 To select the energy saving mode, press the E.Saver button on the remote
control or E.Saver button on the unit one or more times until the Energy
Saver indicator lights up.

Result: ◆ The fan and compressor cycle on and off together.
        ◆ The fan will continue to run for a short time after the
          compressor cycles off.

➢ If you would like the air conditioner to run in Dry mode, do not press
the E.Saver button. You cannot use the Dry mode in the energy saving
mode.

2 To stop the energy saving mode, press the E.Saver button on the remote
control or E.Saver button on the unit again.

Result: The fan runs at all times, while the compressor cycles on and off.

➢ If you select the Sleep Timer in the Energy Saving mode, the Energy
Saving will be cancelled and the air conditioner will start up in the
Sleep Timer mode.
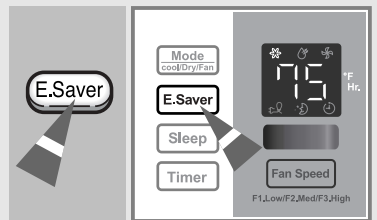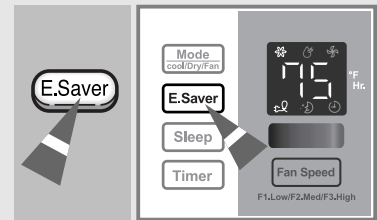
Temperature and Humidity Ranges

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

Mode	Indoor Temperature	Outdoor Temperature	Indoor Humidity
Cooling	70°F to 90°F approx.	70°F to 110°F approx.	80% or less

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

Cleaning Your Air Conditioner

Be sure to clean the air filter periodically to maintain the air conditioner in the best condition for a long period of time.

☞ *When cleaning the air conditioner, turn it off and pull out the power plug.*

1   Open the front grille by pulling the tabs on both sides of the grille. Then lift it up slightly to open the front grille completely.

2   Grab the tabs on the filter and pull it up and out.

3   Remove all dust on the air filter with a vacuum cleaner or brush.

4   When you have finished, insert the air filter back into its original position.

5   Wipe the surface of the unit with a neutral detergent and then wipe it again with dry cloth. (Be sure not to use benzene, solvent or other chemical products.)

➢
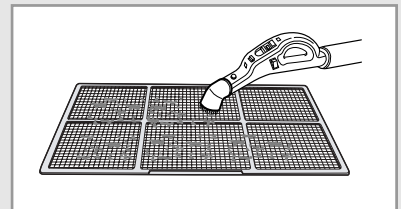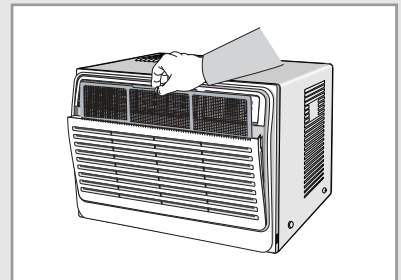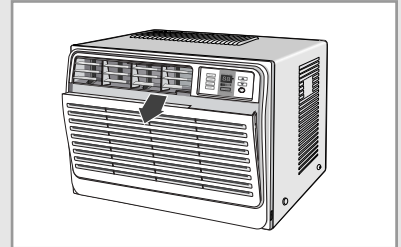
If you...	Then...
Will not be using the air conditioner for a long period of time	◆ Set the fan going for a few hours to dry the inside of the air conditioner thoroughly. ◆ Switch the air conditioner off and unplug it from the wall socket. ◆ Clean the filter and outer surfaces.
Have not used the air conditioner for a long period of time	Set the fan going for a few hours to dry the inside of the air conditioner thoroughly.

Solving Common Problems

Before contacting an authorized service center, 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	◆ Check that the circuit breaker used for the air conditioner has not been triggered. ◆ Check that the power cable is plugged into a wall socket and the socket is switched on, if necessary. ◆ Check that the temperature indicator on the unit is lit; if necessary, press the ⏻ (On/Off) button on the remote control or unit.
The air conditioner does not operate with the remote control	◆ Check that there are no obstacles between you and the unit. ◆ Replace the remote control batteries if necessary. ◆ Check that you are close enough to the unit (seven metres/yards or less).
No beep is heard when you press the ⏻ (On/Off) button on the remote control	◆ Check that you are pointing the remote control at the remote control sensor on the unit. ◆ Replace the remote control batteries if necessary.
The air conditioner does not cool	◆ Check that the correct operating mode has been selected(Cool). ◆ The room temperature may be too low. ◆ Dust may be blocking the air filter; refer to page 17 for cleaning instructions. ◆ Check that there is no obstacle blocking the air flow into or out of the unit.
The timer is not correctly triggered	◆ Check that the timer has been programmed correctly; refer to page 12~14.
Odors are permeating the room during air conditioning	◆ Ventilate the room.

Technical Specifications

Design and specifications are subject to change without notice.

Model		Power Supply
AW0503B	AW1003B	
AW0505B	AW1005B	
AW0509B	AW1009B	
AW0603B	AW109CB	
AW0605B	AW1203B	
AW0609B	AW1205B	115V~, 60Hz
AW0803B	AW1209B	
AW0805B	AW129CB	
AW0809B	AW1403B	
AW089CB	AW1409B	
AW140CB	AW10NCB7	
AW12NCB7	AW14NCB7	
AW1803B		
AW1805B		
AW1809B		
AW189CB		230-208V~, 60Hz
AW2402B		
AW2404B		
AW2406B		
AW18NCB7		

SAMSUNG

ELECTRONICS

Contact SAMSUNG WORLD WIDE

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

Country	Customer Care Center ☎	Web Site
MEXICO	01-800-SAMSUNG (7267864)	www.samsung.com/mx
ARGENTINE	0800-333-3733	www.samsung.com/ar
BRAZIL	0800-124-421 4004-0000	www.samsung.com/br
CHILE	800-726-7864(SAMSUNG)	www.samsung.com/cl
COSTA RICA	0-800-507-7267	www.samsung.com/latin
ECUADOR	1-800-10-7267	www.samsung.com/latin
EL SALVADOR	800-6225	www.samsung.com/latin
GUATEMALA	1-800-299-0013	www.samsung.com/latin
JAMAICA	1-800-234-7267	www.samsung.com/latin
PANAMA	800-7267	www.samsung.com/latin
PUERTO RICO	1-800-682-3180	www.samsung.com/latin
REP. DOMINICA	1-800-751-2676	www.samsung.com/latin
TRINIDAD & TOBAGO	1-800-7267-864	www.samsung.com/latin
VENEZUELA	0-800-100-5303	www.samsung.com/latin
COLOMBIA	01-8000112112	www.samsung.com.co
AUSTRALIA	1300 362 603	www.samsung.com/au
INDIA	3030 8282 1800 110011	http://www.samsung.com/in/
INDONESIA	0800-112-8888	www.samsung.com/id
MALAYSIA	1800-88-9999	www.samsung.com/my
PHILIPPINES	1800-10-SAMSUNG (7267864)	www.samsung.com/ph
SINGAPORE	1800-SAMSUNG (7267864)	www.samsung.com/sg
THAILAND	1800-29-3232 02-689-3232	www.samsung.com/th
VIETNAM	1 800 588 889	www.samsung.com/vn
SOUTH AFRICA	0860 726 7864 (SAMSUNG)	www.samsung.com/za
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