SAMSUNG

OWNER'S INSTRUCTIONS
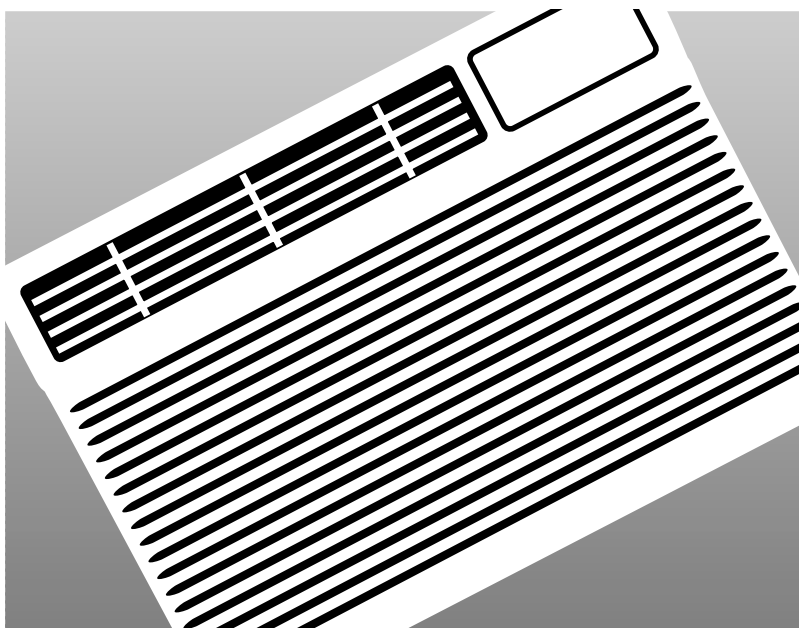
AW0691L
AW0891L
AW1091L
AW1291L
AW1891L

Window-type Room Air Conditioner
(Cool)

Safety Precautions

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

1 *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.*

Depending on national regulations and your specific installation, you may need to install:
   ◆ *A circuit breaker*

For further information on electrical requirements, contact a professional electrician.

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

2 *Make sure that the unit is correctly ventilated at all times;*
do NOT place clothing or other materials over it.

3 *NEVER spill liquids of any kind into the unit.*
Should this happen, unplug the unit and contact your installation specialist.

4 *Do NOT insert anything between the air outlet blades, as it may damage the inner fan and you may be hurt. Keep children away from the unit.*

5 *If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.*

6 *Do NOT attempt to repair the unit yourself. If it is damaged in any way, contact:*
   ◆ *An authorized service center*
   ◆ *The dealer from whom you purchased the air conditioner.*

7 *Do NOT place any blocking objects in front of the unit.*

8 *If the remote control will not be used for a long time, remove the batteries.*

9 *Before throwing out the device, it is necessary to pull back the battery cells and get rid of them safely.*

10 *The appliance is not intended for use by young children or infirm person without supervision; young children should be supervised to ensure that they do not play with the appliance.*

11 *Do NOT use an extension cord with this product.*

CAUTION

The manufacturer does not assume responsibility for accidents or injury caused by an incorrectly installed air conditioner. If you are unsure about installation, contact an installation specialist.

Contents

Description of Each Component

❄ The design and shape are subject to change, depending on the model.

Inner air flow blades (right/left orientation)

Air outlet

Outer air flow blades (up/down orientation)

Air inlet (Inside)

Air outlet

Ventilation lever

Air inlet (Outside)

Air filter (Inside)

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

Timer indicator

Temperature/Timer settings

Remote control sensor

Hr.   °C

Timer   E-Saver   Dry

Energy Saver indicator

Dry adjustment indicator

Fan speed adjustment button

Fan speed   Temp.   Mode   On/Off

On/Off button

Mode selection button (Cool, Fan, Dry)

Temperature adjustment buttons

Remote Control - Buttons and display

Remote control transmission indicator

Operating mode (✳ Cool, ⊘ Dry, ✺ Fan)

Temperature setting

Sleep mode

Energy Saving mode

Fan speed

On Timer setting

Off Timer setting

Battery discharge indicator

Mode — Mode selection button (Cool, Fan, Dry)

∧ ∨ 🌡 — Temperature adjustment buttons

☽ — Sleep timer setting button

✺ — Fan speed adjustment button

Energy Saving — Energy Saving button

Timer — Timer setting button

Set/Cancel — Timer Set/Cancel button

⏻ — On/Off button

Getting Started

You have just purchased a Samsung window-type room air conditioner which should be installed following your installation manual.

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 the unit's features.

The booklet is organized as follows.

◆ *The following figures are shown on pages 4 and 5:*

- *Description of Each Component*
- *Remote control (buttons & 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 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.
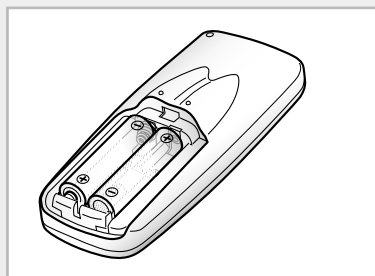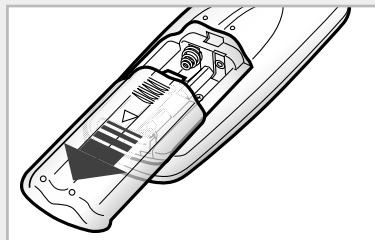
Using the Control Panel on the Unit
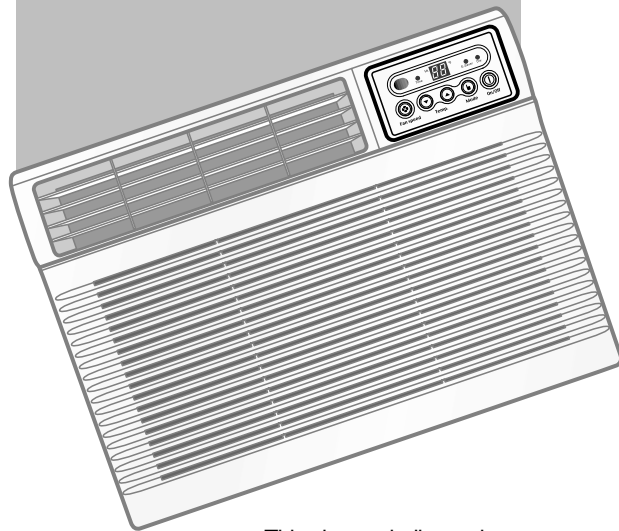
This chapter indicates how to operate and program your air conditioner with the control panel on the unit.

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.

1   Press the ⓘ (On/Off) button.

Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.

◆ 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 ⓑ button on the unit one or more times until the temperature is displayed.

Result: ◆ The unit beeps each time you press the ⓑ 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 unit one or more times until the desired temperature is displayed.

The temperature can be set between 18°C and 30°C.
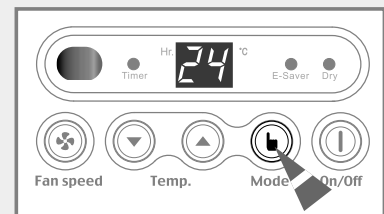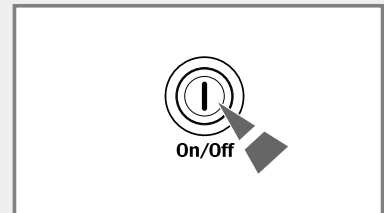
Result: ◆ Each time you press the ⊙ or ⊙ buttons:
– The temperature is adjusted by 1°C and displayed on the control panel
– The unit beeps
◆ The air conditioner starts cooling, if the room temperature is higher than the selected temperature.
◆ If the room temperature reaches the set temperature, the air conditioner stops cooling, but the fan is still operating.
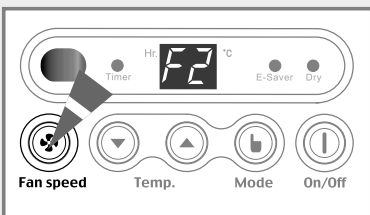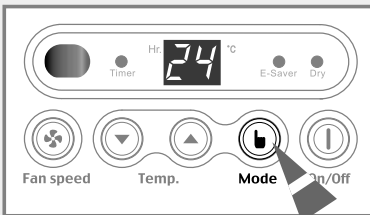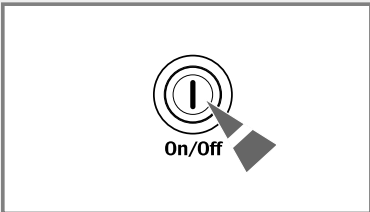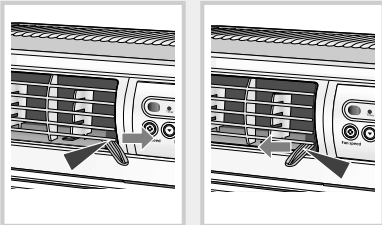
4   To set the fan speed:

◆ Press the ✹ button on the unit one or more times until the desired the Fan speed(F1, F2 or F3) is displayed.

　　　　F 1   Low
　　　　F 2   Medium
　　　　F 3   High

5   To control the direction of the air flow, refer to page 20.

Ventilating Your Room

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

1 If you wish to discharge stale air, push the ventilation lever on the front of the unit to the right and open position (🔾).

   Result: ◆ The air inside the room circulates and stale air is discharged outside.

   Otherwise, push the ventilation lever to the left and closed position (🔾).

   Result: ◆ The air simply circulates inside the room.

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

   Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.
   ◆ The unit beeps twice.

3 If the fan speed(F1, F2 or F3) is not displayed on the control panel:
   ◆ Press the 🔾 button on the unit one or more times until the fan speed (F1, F2 or F3) is displayed.

   Result: ◆ The unit beeps each time you press the 🔾 button.
           ◆ The air conditioner starts up in the 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.

4 To set the fan speed:
   ◆ Press the 🔾 button on the unit one or more times until the desired fan speed(F1, F2 or F3) is displayed.

   F 1   Low
   F 2   Medium
   F 3   High

5 To control the direction of the air flow, refer to page 20.

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. You can operate the Dry mode only by using the control panel.

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

    Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.

           ◆ 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.

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2 If the dry indicator is not displayed at the top of the control panel, press the 🖲 button on the control panel one or more times until it appears.

    Result: ◆ The unit beeps each time you press the 🖲 button.

   ◆ The air conditioner runs in the Dry mode.

    ➢   You can change modes at any time.

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3 To adjust the temperature, press the ▼ or ▲ buttons one or more times until the required temperature is displayed. Possible temperatures are between 18°C and 30°C inclusive.
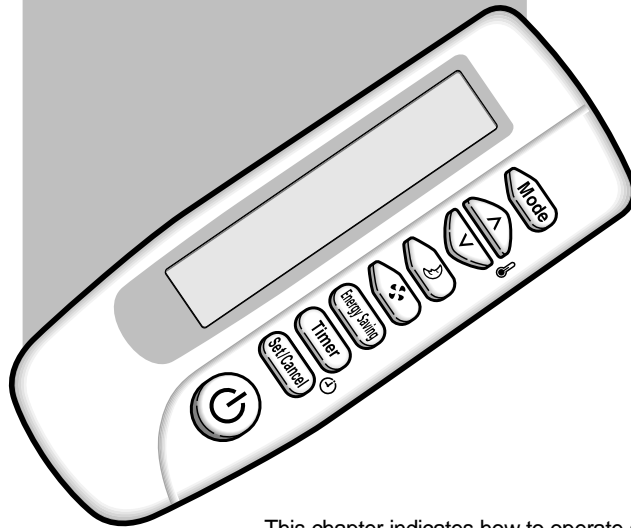
    Result: ◆ Each time you press the ▼ or ▲ buttons:
            - The temperature is adjusted by 1°C
            - The unit beeps
      ◆ The air conditioner starts removing the excess humidity; the quantity of air is adjusted automatically.

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4 To control the direction of the air flow, refer to page 20.
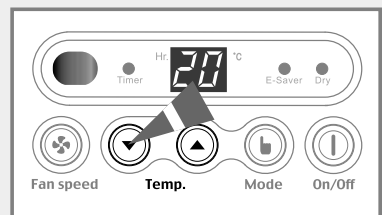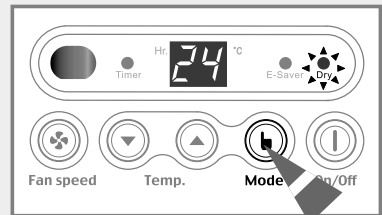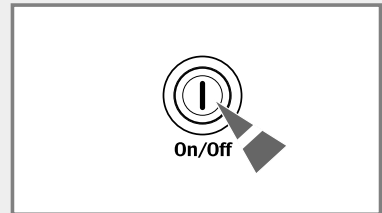
Using the Wireless Remote Control

This chapter indicates how to operate and program your air conditioner with the wireless 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 air conditioner starts up in the mode selected when the unit was last used.
◆ 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 ❄ is not displayed at the top of the remote control, press the ⟨Mode⟩ button on the remote control one or more times until it appears.

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

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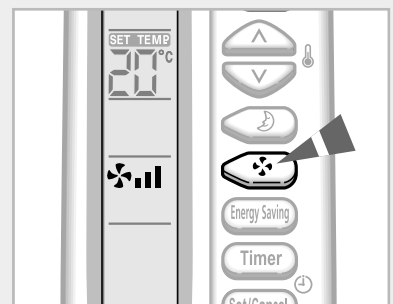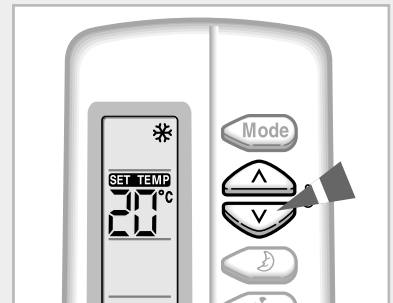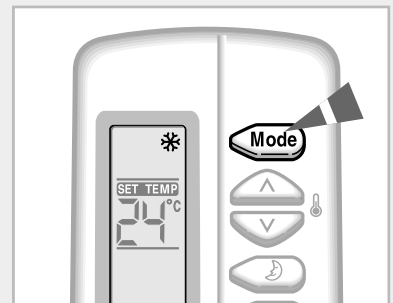Possible temperatures are between 18°C and 30°C inclusive.

Result: ◆ Each time you press the ⬓ buttons:
- The temperature is adjusted by 1°C
- The 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 Select the fan speed by pressing the ⟨✦⟩ button one or more times until the required setting is displayed:

🌀ₗ Low
🌀ₗₗ Medium
🌀ₗₗₗ High

Result: Each time you press the ⟨✦⟩ button, the unit beeps.

5 To control the direction of the air flow, refer to page 20.

Ventilating Your Room
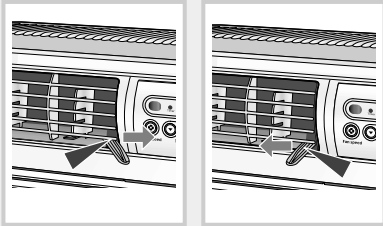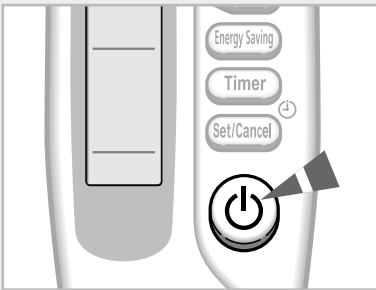
If the air in your room is stale, you can ventilate the room using the Fan feature.

1 If you wish to discharge stale air, push the ventilation lever on the front of the unit to the right and open position ( ).

   Result: ◆ The air inside the room circulates and stale air is discharged outside.

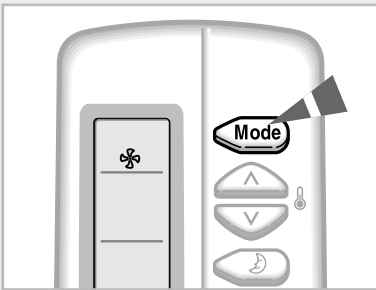Otherwise, push the ventilation lever to the left and closed position ( ).

   Result: ◆ The air simply circulates inside the room.

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

   Result: ◆ The air conditioner starts up in the mode selected when the unit was last used.
◆ The unit beeps.

3 If the is not displayed at the top of the remote control, press the (Mode) button on the remote control one or more times until it appears.

   Result: ◆ The unit beeps each time you press the (Mode) button.
◆ The air conditioner runs in the Fan mode.
◆ The temperature is set automatically.

   ➢ You can change modes at any time.

4 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 unit beeps.

5 To control the direction of the air flow, refer to page 20.

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 (¹) (On/Off) button.

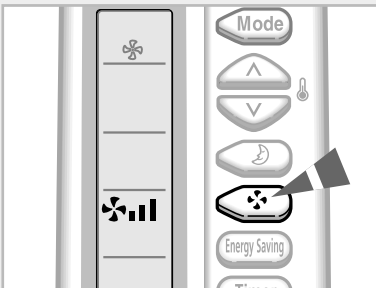   <u>Result</u>: ◆ The air conditioner starts up in the mode selected when the unit was last used.

           ◆ 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.

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

    <u>Result</u>: ◆ The unit beeps each time you press the **Mode** button.
          ◆ The air conditioner runs in the Dry mode.

    ➢   You can change modes at any time.

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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.

    <u>Result</u>: ◆ Each time you press the ⬍ buttons:
           - The temperature is adjusted by 1°C
           - The unit beeps
         ◆ The air conditioner starts removing the excess humidity; the quantity of air is adjusted automatically.

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4 To control the direction of the air flow, refer to page 20.

Setting the On Timer

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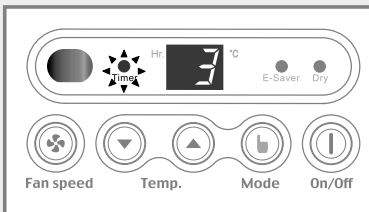
The On Timer enables you to switch on the air conditioner automatically after a given time. You can select the On timer only when the air conditioner is off. You can select the On timer only when the air conditioner operates in the Cool mode.

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

2 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 24 hours inclusive.

3 Press the (Set/Cancel) (Set/Cancel) button to complete the setting.

Result: ◆ The remaining time is displayed on the remote control and the control panel.
◆ Blinking of the timer indicator on the remote control stops.
◆ The timer indicator lights up on the control panel.
◆ The unit beeps
◆ The air conditioner will switch on automatically in the cool mode when the counter displayed on the remote control and the control panel reaches the set time.

➤ You can select the temperature and Energy saving mode after setting the On timer mode.

Control Panel

To Cancel the On Timer

1 Press the (Set/Cancel) (Set/Cancel) button.

➤ If you want to turn on the air conditioner before the timer reaches the setting time, press the ⏻ (On/Off) button.

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 only when the air conditioner operates in the Cool mode.

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

2 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 24 hours inclusive.

3 Press the (Set/Cancel) (Set/Cancel) button to complete the setting.

   Result: ◆ The remaining time is displayed on the remote control and the control panel.
   ◆ Blinking of the timer indicator on the remote control stops.
   ◆ The timer indicator lights up on the control panel.
   ◆ The unit beeps
   ◆ The air conditioner will switch off automatically when the counter displayed on the remote control and the control panel reaches the set time.

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

Remote Control
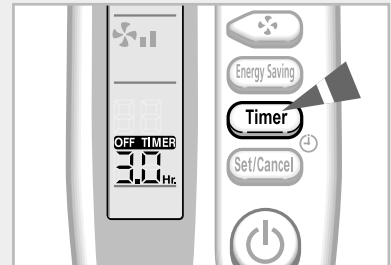
Control Panel
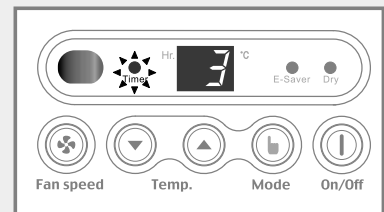
To Cancel the Off Timer

1 Press the (Set/Cancel) (Set/Cancel) button.

   ➢ If you want to turn off the air conditioner before the timer reaches the setting time, press the ⏻ (On/Off) button.

Setting the Sleep Timer
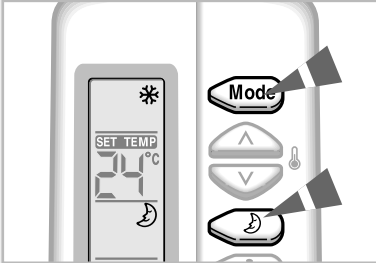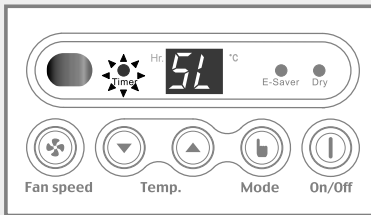
The Sleep Timer can be used when you are cooling to switch the air conditioner off automatically after a period of 8 hours.

➢ *If you wish to switch the unit off at a specific time, refer to page 17.*

1 Make sure that you have selected the Cool mode.

2 Press the ⌬ button on the remote control.

Result: ◆ Each time you press a button, the unit beeps.
◆ The ☽ indicator on the remote control is displayed.
◆ The timer indicator lights up on the control panel.
◆ The "SLEEP" passes through the control panel for about 15 seconds and the " 8 " will be displayed.
◆ The remaining time is displayed and decreased by 1 hour automatically to indicate the remaining time.
◆ The air conditioner will be controlled as indicated in the illustrations below.

Control Panel

Cooling   When the temperature has been increased by 1°C (after 1 hour), it is maintained for 7 hours.
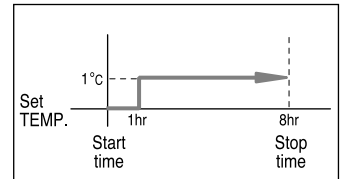
To Cancel the Sleep Timer

To cancel the timer, press:

◆ The ⌬ button on the remote control.

Result: ◆ The unit beeps.
◆ The ☽ indicator on the remote control is no longer displayed.
◆ The "SLEEP" indicator on the control panel is no longer displayed.
◆ The air conditioner operates in the mode selected last.

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

Remote Control

1 To select the energy saving mode, press the (Energy Saving) button on the remote
control one or more times until the Energy Saving indicator lights up.

    <u>Result</u>:   ◆ The E-saver indicator lights up on the control panel.
                    ◆ 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 Fan mode, do not press
the (Energy Saving) button. You cannot use the Fan mode in the Energy Saving
mode.

Control Panel

2 To stop the energy saving mode, press the (Energy Saving) button on the remote
control again.

    <u>Result</u>:   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.
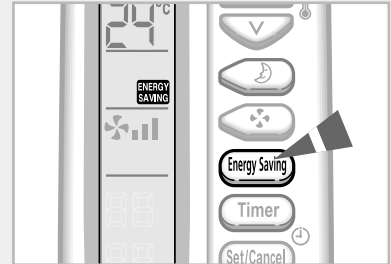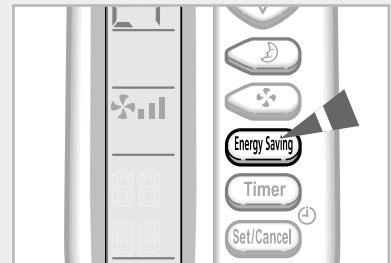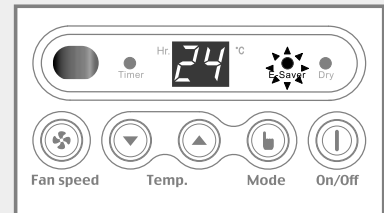
Adjusting the Air Flow Direction Horizontally

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 pushing them side to side.
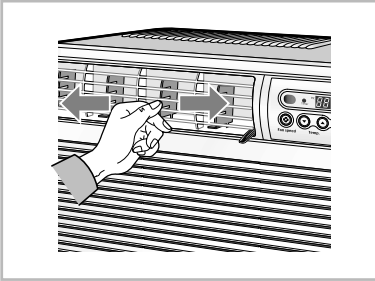
Adjusting the Air Flow Direction Vertically

Again depending on the position of the unit in your room, you can adjust the orientation of the outer air flow blades on the right-hand side of the unit.

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

1 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
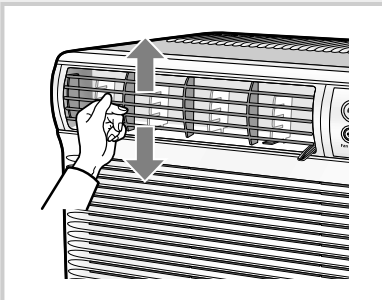
Temperature and Humidity Ranges

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	21°C to 32°C approx.	21°C to 43°C 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.*
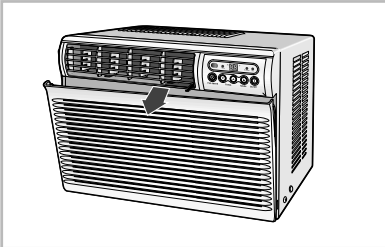
1 Open the front grille by pulling the tabs on both sides of the grille.
Then lift it up slightly to open the front grille completely.
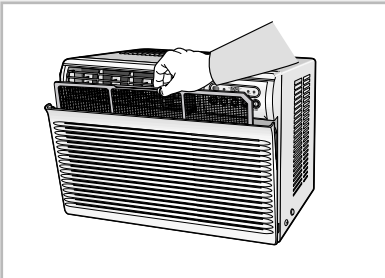
2 Grab the tabs on the filter and pull it up and out.

3 Remove all dust on the air filter with a vacuum cleaner or brush.
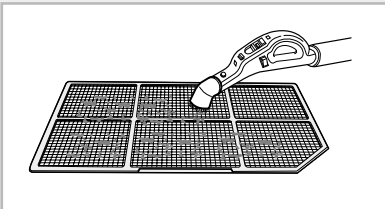
4 When you have finished, insert the air filter back into its original position.

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 22 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 16~18.
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
AW0691L AW0891L AW1091L AW1291L	115V~, 60Hz
AW1891L	230-208V~, 60Hz

YOUR SAMSUNG ROOM AIR CONDITIONER
WARRANTY

Limited Warranty to Original Purchaser

Samsung will repair or replace, at our option, this product if found defective within the warranty period beginning from the original date of purchase. This Samsung Product is warranted by SAMSUNG ELECTRONICS CANADA Inc. against manufacturing defects in materials or workmanship for the period specified.

Labor	Parts
1 Year (In home)	1 Year

Limited 5-Years Compressor Warranty

Within one year of purchase Samsung Electronics Canada Inc. will provide a replacement compressor if it is found to be defective in material or workmanship. During the existing four years (second through fifth year) Samsung Electronics Canada Inc. will provide a replacement only, without charge, if it is found to be defective in material or workmanship. Labor to install the compressor during these existing four years is not included in the warranty. All warranty repairs must be performed by a Samsung Authorized Service Centre.

Obligation of the Original Owner

The original dated purchase receipt must be retained as proof of purchase and presented to the Authorized Service Centre before warranty services are rendered.

Exclusions of the Warranty

This warranty does not cover damage due to accident, fire, flood and/or other Acts of God: misuse, incorrect line voltage, improper installation, improper or unauthorized repairs, commercial use, or damages which occur in shipping. Exterior and interior finish and plastic parts, are not covered under this warranty, Customer adjustments which are explained in the instruction manual are not covered under the terms of this warranty. This warranty will automatically be voided for any unit found with a missing or altered serial number.
This warranty is valid only on products purchased and used in Canada.

SAMSUNG ELECTRONICS CANADA INC.
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