

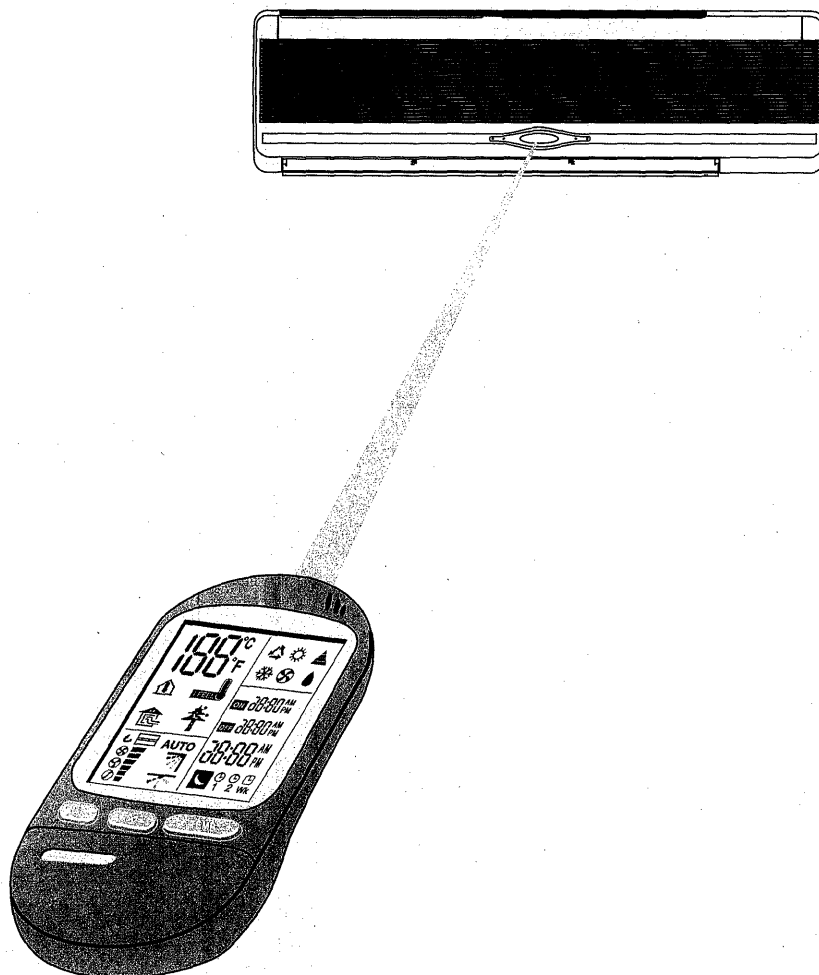
**AIR CONDITIONER SPLIT WALL MOUNTED** **ENGLISH**

**CLIMATISEUR SPLIT MURAL** **FRANÇAIS**

**KLIMAGERÄT IN SPLIT BAUWEISE** **DEUTSCH**

**CLIMATIZADOR SPLIT MURAL** **ESPAÑOL**

**CONDIZIONATORE D'ARIA APARETE SPLIT** **ITALIANO**



**PROGRAMMING AND OPERATING MANUAL**  
**MANUEL D'UTILISATION DE PROGRAMMATION**  
**BEDIENUNGS UND PROGRAMMIERUNGS HANDBUCH**  
**MANUAL DE UTILIZACION Y DE PROGRAMMACION**  
**MANUALE DI UTILIZZO E DI PROGRAMMAZIONE**

*Airwell*

**AIR CONDITIONER  
SPLIT WALL MOUNTED  
PROGRAMMING  
AND OPERATING**

**ENGLISH**

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**If your air conditioner is for cooling only, please disregard the heating instructions**

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Please read these instructions **before** operating the air conditioner

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# INTRODUCTION

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The air conditioner is designed for various uses:



- Cooling in summer



- Dehumidifying at high humidity conditions



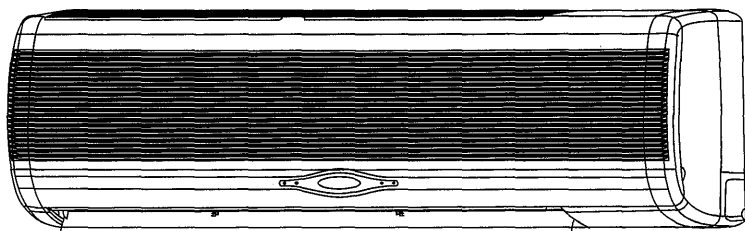
- Heating



- Ventilation



- Air Filtration.



## Operating Temperature Range

(According to T<sub>i</sub> temperature condition)

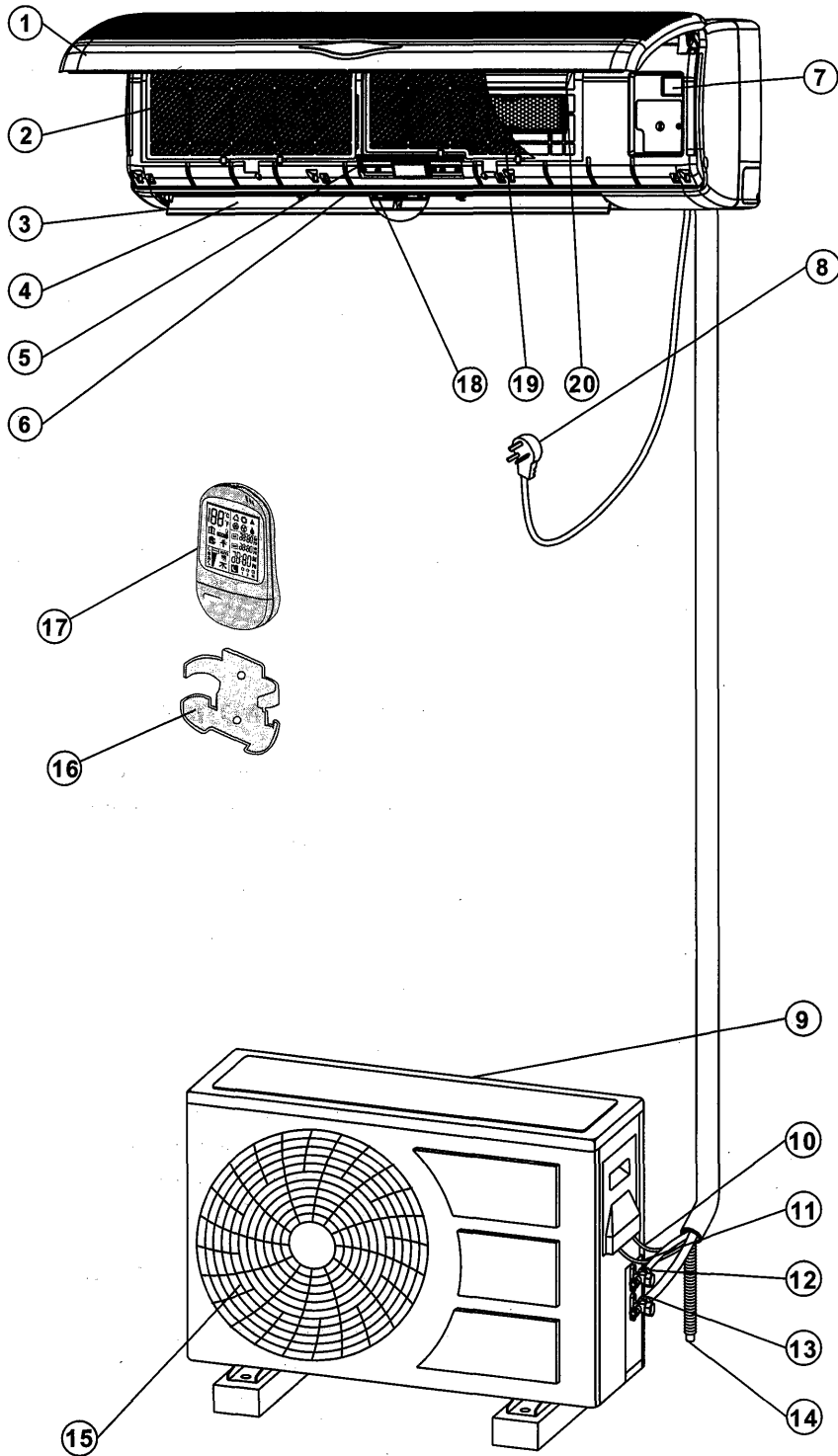
Cooling: 21°- 46°C

Heating: -5°- 24°C R22  
-9°- 24°C R407C & R410A

## **IMPORTANT NOTICE:**

- The air conditioner must be grounded to protect against electrical shock.
- Installation of the air conditioner must be performed by an experienced air conditioning installer, observing good refrigeration practice.
- Electrical connections and power cord replacement should only be made by authorized electricians and in accordance with electrical regulations and local codes.
- Failure to comply with the manufacturer's installation and operation instructions could affect the performance of the air conditioner and the validity of the warranty.

# SYSTEM DESCRIPTION



- 1. Air intake grill
- 2. Air filter
- 3. Supply air flap
- 4. Air outlet
- 5. unit's indicator
- 6. Horizontal Air flow Deflecting louvers
- 7. On unit's controls
- 8. Power cord (optional)
- 9. Outdoor unit air intake
- 10. Power cable
- 11. control wire
- 12. Liquid line
- 13. Suction line
- 14. drain hose
- 15. outdoor unit air outlet
- 16. Remote controls holder
- 17. Remote control
- 18. Ionizer (optional)
- 19. Air purifying filter
- 20. Electrostatic filter (optional)

# MODES OF OPERATION, FUNCTIONS AND FEATURES



**COOL** Cools, dehumidifies and filters the room air. Maintains desired room temperature.



**HEATING** Heats and filters the room air. Maintains the desired room temperature.



**AUTO** Automatically choose COOLING or HEATING or DRY, maintaining the desired temperature according to the room conditions.



**DRY** Dehumidifies and softly cools the room. In DRY Mode, the air conditioner operates at an increased dehumidifying power. This function is recommended to be used when temperature is rather low but the humidity is high.



**FAN** Recirculates and filters the room air. Maintains constant air movement in the room.



**AUTO FAN** The air conditioner automatically selects the FAN speed according to the request temperature. At the start, the unit operates at high fan speed. As the room air approaches the desired temperature, the fan switches automatically to a lower speed for quieter operation.

**HOT KEEP** In HEATING and in AUTO FAN, the fan will be turned off when the compressor is not in operation and will not be restarted, unless the indoor coil reaches adequate temperature. This HOT KEEP feature prevents uncomfortable cold air drafts. Use of AUTO FAN is, therefore, recommended when the air conditioner is in HEATING mode.



**I FEEL** Switches the temperature sensing point to the place where the remote control is located. (For general air conditioner, the temperature sensor is only located behind the air intake grille). This function is designed to provide a personalized by transmitting the temperature control command from the location Remote Control and the unit is done by infra-red signal. Therefore, in using next to you. The communication between the Remote Control and the unit is done by infra-red signal. Therefore, in using this function, the Remote Control should always be aimed, without obstructions at the air conditioner.



**TIMER** Real time control and display, automatically turns the air conditioner ON and OFF according to the time of day setting, ensuring comfort conditions before returning home, without wasting electricity. It turns the air conditioner off automatically when sleeping.

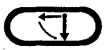


**SLEEP** Designed to create comfortable sleeping conditions. When in COOLING mode, the temperature rises one degree centigrade after each consecutive hour, up to three hours, from the start of the mode. The temperature rise prevents the feeling of over-cooling while sleeping (when your body is at rest). In HEATING mode the reverse occurs; the air conditioner lowers its temperature one degree every hour, up to three hours, from the start of the mode. When in SLEEP mode, the air conditioner will be automatically turned off after have operated for seven hours. The result is a more comfortable and invigorating sleep, which leaves you feeling fresh and energetic on the next morning.

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**AUTO FLAP** The air flap (louvers) is automatically positioned for the most suitable blow-out angle, when COOL, HEAT, DRY or FAN modes are selected. When the air conditioner is turned off, the flap will close automatically for an aesthetic appearance.

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**Vertical swing key**

Automatic swing of Vertical air flow in Vertical direction. The flap move automatically in upward and downward direction to spread the conditioned air evenly throughout the room.

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**Horizontal air swing**

Automatic swing of Horizontal air flow in Horizontal direction. The flap move automatically in right and left direction to spread the conditioned air evenly throughout the room.

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**ROOM TEMPERATURE**

Measures and displays room temperature.

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**FILTER INDICATION**

Filter indicator on the indoor unit display is turned on when the filter requires cleaning. After cleaning and reinstalling the filter, it should be reset.

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**BUZZER**

A soft buzzer will sound from the indoor unit display to indicate that a command sent by the remote control has been accepted and stored in the unit's memory. This feature may be easily cancelled by the user from the display panel.

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**ON UNIT OPERATION**

The air conditioner can be turned ON for COOLING or HEATING or be turned OFF directly from the indoor unit display panel without the use of the remote control.

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**3-MIN DELAYED RUN**

This compressor is protected by a three-minute delayed restart.

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**LOCK**

Freezes the last operation setting on the remote control. When LOCK is activated, the remote control will not be able to control the air-conditioner.

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**MEMORY**

The microprocessor retains the last data entry whether or not the unit is plugged in. Therefore, when the unit restarts after a power disruption or failure, it will resume operating in the same mode as before the power was disrupted.

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**ELECTROSTATIC FILTER (optional)**

They are capable of capturing small particles down to 0.1 microns, Such as atmospheric and house hold dust, coal dust, insecticide dust, mites, pollen, pet dander, tobacco smoke particles, cooking smoke and grease, mold fungi, bacteria, viruses and more.

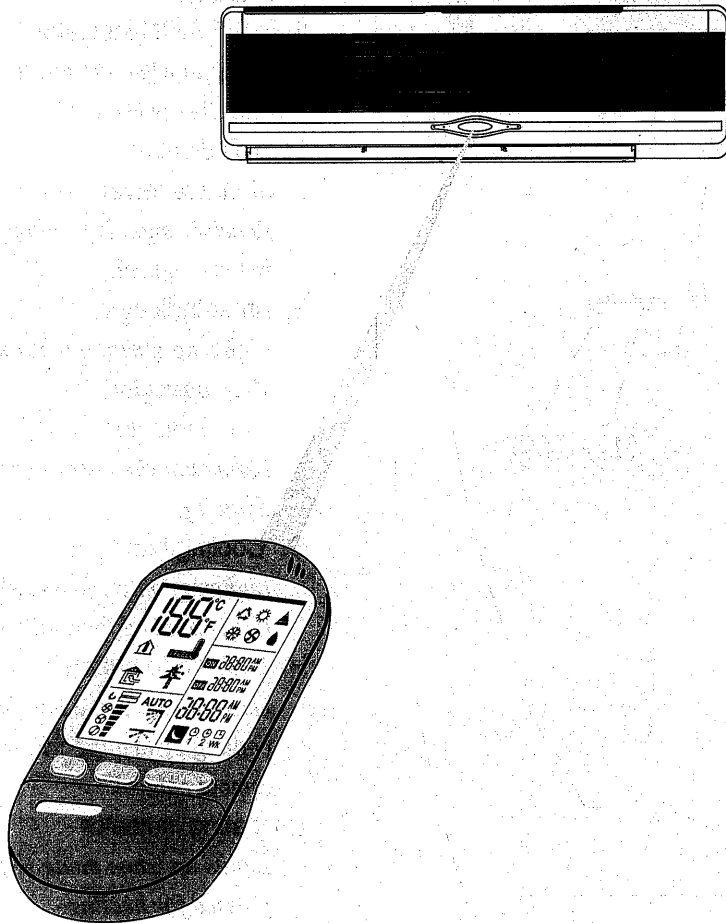
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**IONIZER (optional)**

Ionizer make the air more fresh and more comfort. Slide switch (M) to the ON position and use the remote control to activate the ionizer. The blue light indicator (L) on the unit will light up indicating the ionizer in operation. To cancel the operation set slide switch to OFF position  
**Important Notice:** When the air-conditioner is turned OFF or if the indoor fan stops operation the IONIZER stops automatically.

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# USE OF WIRELESS REMOTE CONTROL



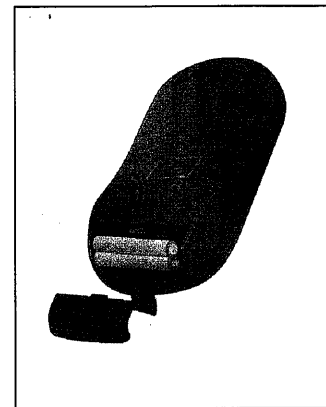
WIRELESS REMOTE CONTROL PUTS ALL FUNCTIONS AT YOUR FINGERTIPS.

- Aim at the infrared signal receiver on the room air conditioner when operating.
- The remote control signal can be received at a distance of up to about 8m.
- Be sure that there are no obstructions between the remote control and signal receiver.
- Do not drop or throw the remote control.
- Do not place the remote control in a location exposed to direct sunlight, or next to a heating unit, and/or other heat sources.
- Do not expose the signal receiver (D) on the display panel of the air conditioner to a strong light such as fluorescent lamp or sunlight.

## PRIOR TO OPERATION

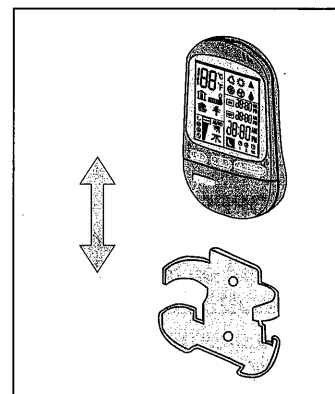
Prior to operating your air conditioner, make sure of the following procedures:

- Insert the plug of indoor unit to power supply properly.
- Indicator (A) on air conditioner lights on, indicating air conditioner is ready to receive signals from remote control.
- The red tab protecting the remote control batteries has been removed.
- For clock setting, see page 14.



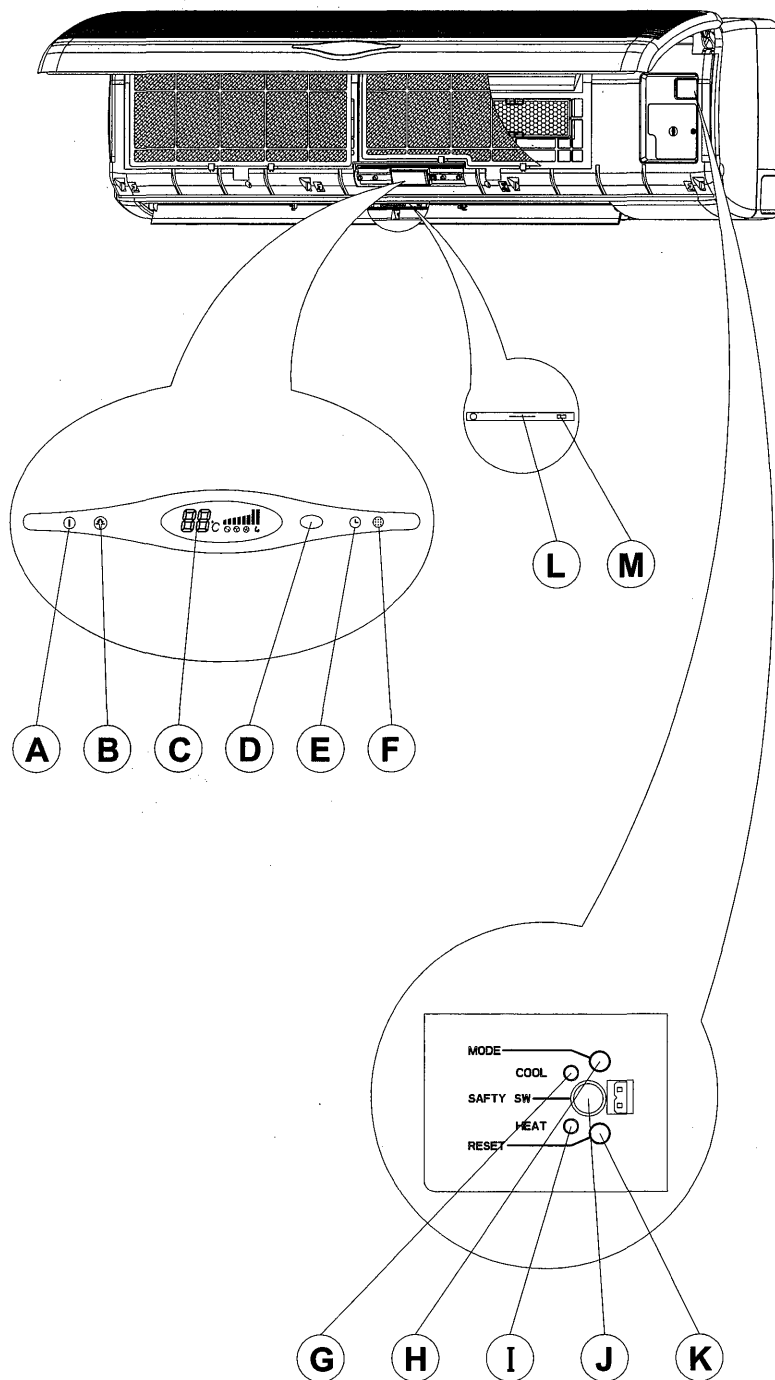
## REMOTE CONTROL HOLDER

Use the remote control in the holder when unit is not in use. Remote control can be slipped in or out of its holder.





# ON-UNIT INDICATORS AND CONTROLS



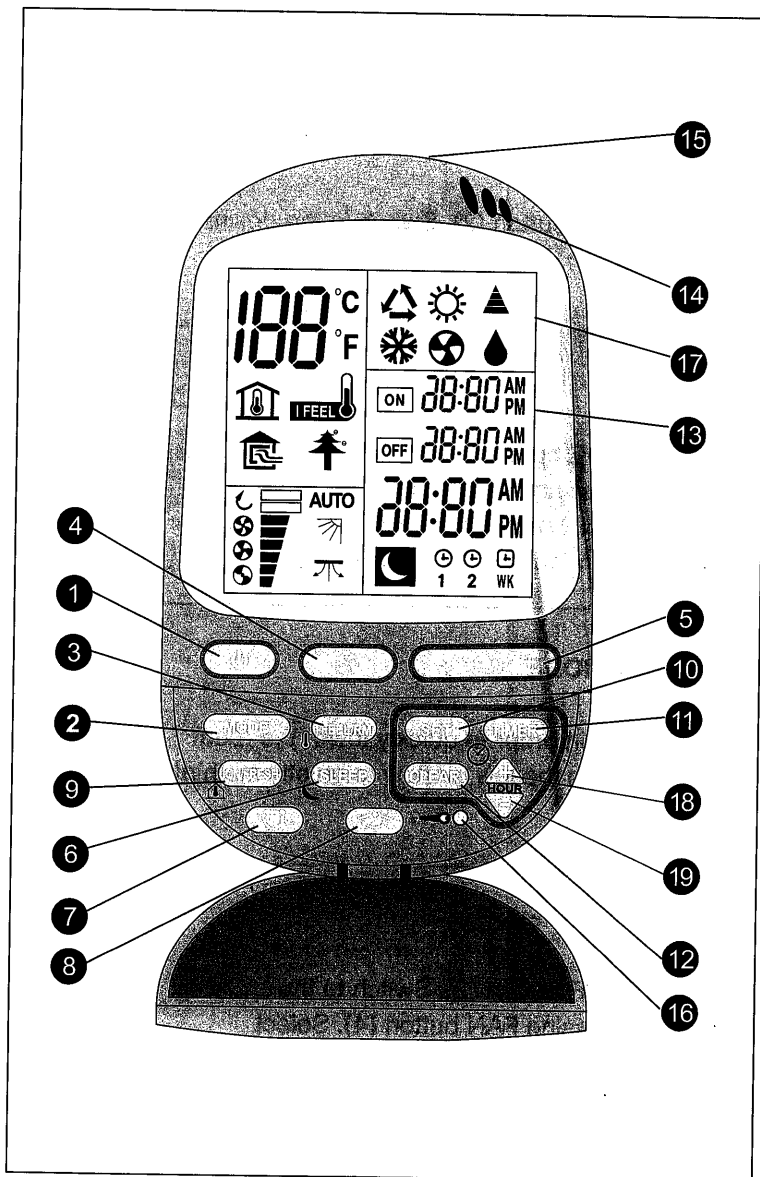
- A. Stand-by/Operation indicator  
*Lights up in red when connected to power.  
Lights up in green during operation.*
- B. E.S.F / ION indicator  
*Lights up when the E.S.F or Ionizer operation.*
- C. LCD display
- D. Signal receiver  
*Receiver signals from the remote control.*
- E. Timer indicator  
*Lights up during timer and sleep operation.*
- F. Filter indicator  
*Lights up when air filter requires cleaning.*
- G. Cooling indicator  
*Lights up only when mode (H) is pressed for cooling.*
- H. Unit mode button  
*Used to switch the unit for cooling or heating without the remote control.*
- I. Heating indicator  
*Lights up when mode (H) is pressed for heating.*
- J. Electrostatic filter safety button  
*Turn off the Electrostatic filter when you open the grill.*
- K. Reset button  
*Press to turn off the filter indicator or cancel the buzzer announcer.*
- L. Ionizer indicator  
*Lights up during the ionizer is open.*
- M. Ionizer on/off  
*Used to switch the ionizer.*

## ON-UNIT OPERATION

If the air-conditioner cannot be operated by the Remote Control unit, it can be turned on for cooling or heating, or completely runed off, by pressing MODE button (H) on the air-conditioner. The MODE button will change the operating status of the unit between-COOLING-HEATING-STAND-BY positions, every time it is pressed. Indicators (G), (I) or (A) will light up respectively, to indicate in which mode the air-conditioner operates.

On units for Cooling only, do not set MODE switch on HEAT position.

# REMOTE CONTROL

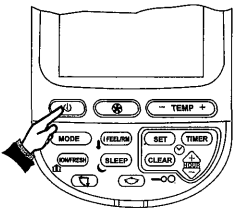


- ① START / STOP button
- ② Operation mode selection button  
 AUTO  
 COOLING  
 HEATING  
 FAN  
 DRY
- ③ I FEEL temperature sensing and Room temperature display button
- ④ FAN SPEED control button
- ⑤ Set point temperature UP and DOWN button
- ⑥ SLEEP button
- ⑦ Vertical swing button
- ⑧ Horizontal swing button
- ⑨ Ionizer and Fresh-Air button
- ⑩ TIMER SET button
- ⑪ TIMER button
- ⑫ CLEAR button
- ⑬ LCD operation display
- ⑭ RM sensor
- ⑮ Infrared signal display
- ⑯ LOCK Button
- ⑰ Transmission sign
- ⑱ TIMER UP button
- ⑲ TIMER DOWN button

# OPERATION PROCEDURE

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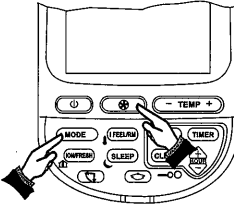
## TURNING ON THE AIR CONDITIONER



Press the START/STOP button (1) to turn on the air conditioner. After connecting to the power supply, The indicator (A) on the air conditioner light up, indicating that the air conditioner is in the standby status. Please note that LCD operation display (13) will always show the last mode of operation and the previous function used. If you want to change the control settings, proceed according to the following instructions. Otherwise, the air conditioner will start and operate in the same mode and functions prior to being turned off.

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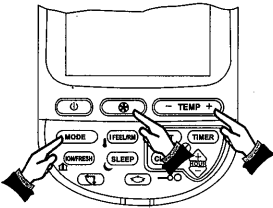
## VENTILATING OPERATION



Select the ventilating mode by pressing MODE button (2). Switch to the desired fan speed by pressing FAN speed button (4).

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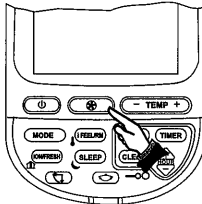
## COOLING OPERATION



Select the COOLING mode by pressing MODE button (2). Switch to the desired FAN SPEED or to AUTO FAN by pressing button (4). Select suitable temperature setting. By selecting the COOLING mode, the air flap will move automatically to horizontal air delivery position, optimal for cooling.

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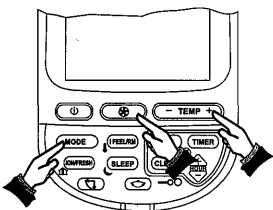
## COOLING OPERATION WITH AUTO FAN MODE



This operation starts with the highest air flow in order to quickly lower the room temperature. It will then automatically switch to the low air flow to quietly maintain the selected temperature.

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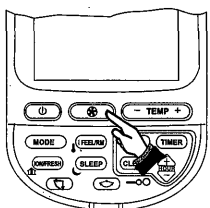
## HEATING OPERATION



Select the HEATING mode by pressing MODE button (2). Switch to the desired FAN SPEED or to AUTO FAN by pressing FAN button (4). Select suitable temperature setting. By selecting the HEATING mode, the air flap will move automatically to vertical air delivery position, optimal for heating. The HOT KEEP function is provided. The fan will be turned off when the indoor coil temperature is not sufficiently hot to prevent uncomfortable cold air drafts. In some models the HOT KEEP function is operating in AUTO FAN mode only.

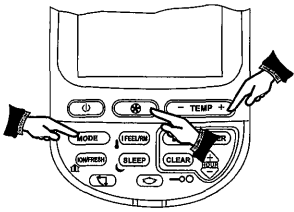
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## HEATING OPERATION WITH AUTO FAN MODE



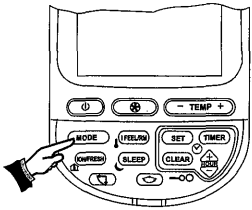
This operation starts with the highest air flow in order to quickly raise the room temperature. It will then automatically switch to a lower air flow to quietly maintain the selected temperature.

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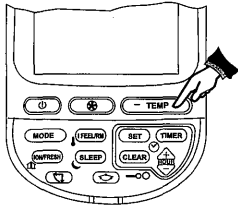
## AUTO COOLING/HEATING OPERATION

Select the AUTO mode by pressing MODE button (2). Switch to the desired FAN SPEED or to AUTO FAN by pressing button (4). Select suitable temperature setting. The air flap will automatically move to either horizontal air delivery for cooling or to vertical air delivery for heating. At start, the air conditioner will select its mode of operation according to the room temperature.



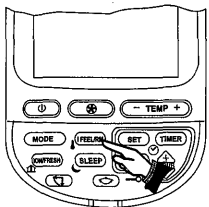
## DRY OPERATION

Select the DRY mode by pressing MODE button (2). Select the suitable temperature setting. While in DRY mode, the air conditioner will operate at setting fan speed, fan might terminate operation from time to time to prevent from over cooling. By selecting the mode, the air flap will move automatically to optimal horizontal air delivery position.



## SELECTING THE TEMPERATURE

Press TEMP button (5) to change the temperature setting in the LCD operation display (13). The temperature setting is shown in degrees centigrade.



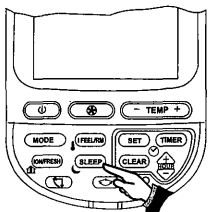
## I FEEL/ROOM TEMP FUNCTION OPERATION

Press button (3) to activate the I FEEL function. Thermometer sign will appear on the LCD operation display (13). Select suitable temperature setting. Make sure that the remote control unit is aimed at the air conditioner, with the I FEEL sensor (14) in front. Prevent the I FEEL sensor from being affected by heat sources such as lamps, heaters, direct sun, etc. or from being directly affected by the air conditioner air flow. These may cause the sensor to transmit the Wrong temperature data, thereby disturbing the performance of the I FEEL function. By pressing on ROOM temperature, the measured room temperature and the room temperature sign will be displayed.

To cancel the ROOM Temperature display press on one of the following:

- Press again on ROOM temperature button (3).
- Change of MODE button (2)

NOTE: Room temperature range is between 6 °C and 36 °C in 1 °C increments. Display should show "HI" or "LO" to represent temperature that is above 36 °C or below 6 °C.



## SLEEP FUNCTION

Press the SLEEP button (6) to select the SLEEP function.

The sleep icon light while the sleep OFF time icon and the time which is 7 hours after current time blink as default. The default setting can be changed from 3 hr. to 12 hr. by pressing up and down buttons HOUR+(18) and HOUR-(19) respectively. (The sleep timer will display the default time or the setting time plus the current time initially in the display).

For example: current time is 23:00 and the sleep mode is set, the sleep mode OFF time will be 6:00. If the sleep off time is set to 10 hr, the the sleep mode OFF time will be 9:00. All other timers will temporarily be suspended during the activation of the sleep timer.

The other timers will resume operation at the end of the SLEEP time.

To cancel the SLEEP function press one of the following:

- START/STOP button (1)
- SLEEP button (6)

NOTE: In some models the SLEEP icon lights only and the OFF time is set for seven hours as default.

## TIMER OPERATION

There are four timers that can be selected on the remote control. Two daily timers (designated as T1, T2), and two optional weekend timers (designated as WKT1, WKT2). Each timer can be selected by pressing TIMER button (11). To set each timer use time adjust up and down buttons Hour+(18) and Hour-(19) respectively. SET button (10) to enable the timer and/or CLEAR button (12) to disable the timer.

Indicator (E) on the air conditioner will light up during timer operation.

**NOTE:** After a power failure the timer operation is cancelled, timer indicator (E) on the air conditioner will blink, the unit will be automatically turned to stand-by mode and indicator (A) lights. To resume the timer operation, follow the instructions below.

### A. DAILY TIMER

The daily timers T1 and T2 can be set for ON and OFF separately for two different time periods. Once the timer is set it will resume operation when initiated.

### B. WEEKEND TIMER (OPTIONAL)

The weekend timers WKT1 and WKT2 can be set for ON and OFF separately for two different time periods for two days only.

It will be effective on the day of setting and on the day after only.

At 24:00 on the second day, the WK timer will not be effective anymore and the daily timer will resume its effectiveness.

WKT1-effective on the setting day

WKT2-effective one day after the setting day.

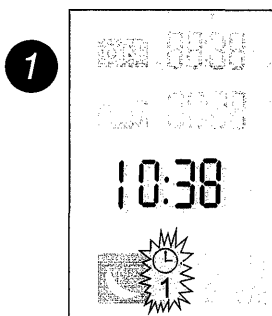
NOTE:

1. During the weekend timer operation, the daily timers will be disabled.
2. The WK timers must be reactivated before every weekend.

### C. SELECTING A TIMER

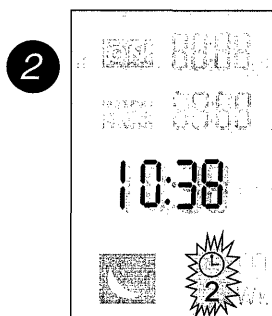
Press the TIMER button (11) to select a timer. Each time the TIMER button (11) is pressed, one of the four following timer icons will appear on the LCD display.

Press **TIMER** button to select daily timer **T1**.



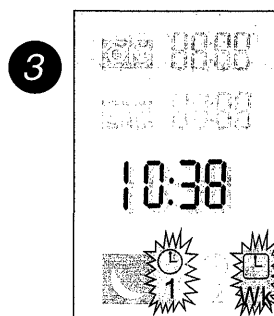
Icon 1 of Timer **T1** will blink

Press **TIMER** button to select daily timer **T2**.



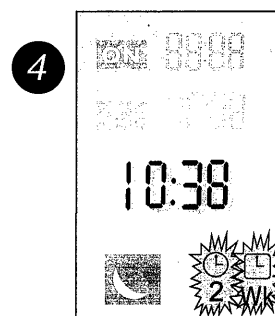
Icon 2 of Timer **T2** will blink

Press **TIMER** button to select weekend timer **WKT1**



Icons 1 and **WK** will blink

Press **TIMER** button to select weekend timer **WKT2**



Icons 1 and **WK** will blink

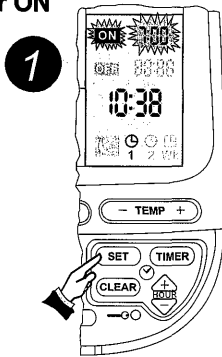
# TIMER OPERATING MODES

## SETTING THE **ON** TIMER

Undertake the following steps after selecting a timer-T1, T2 or WKT1, WKT2, to set a timer for the start time of operation.

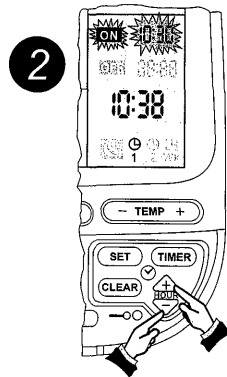
**EXAMPLE:**  
Turning the air conditioner **ON** at 10:30.

1 Press the **SET** button.



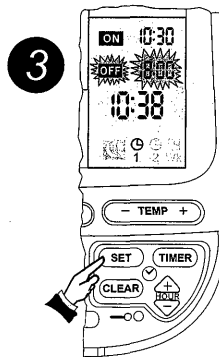
The **ON** icon & **ON** time digits will blink

2 Set the hours and minutes.



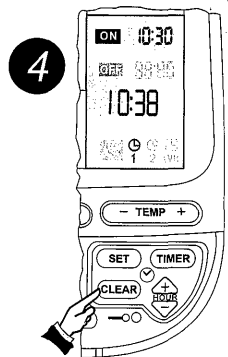
1. Set the **ON** time at 10:30  
2. Press the (**HOUR+**) up button to advance the time, and press the (**HOUR-**) down button to retract.

3 Press the **SET** button



1. The **ON** time is activated at 10:30 (the time **ON** icon will light)  
2. **Time OFF** icon & **OFF** time digits will blink.

4 Press the **CLEAR** button.



Timer **OFF** is cleared.

## SETTING THE **OFF** TIMER

Undertake the following steps after selecting a timer-T1, T2 or WKT1, WKT2, to set a timer for the stop time of operation.

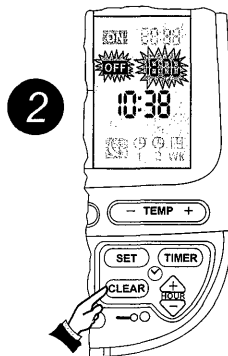
**EXAMPLE:**  
Turning the air conditioner **OFF** at 18:30.

1 Press the **SET** button.



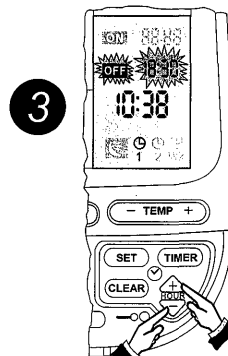
The **ON** icon & **ON** time digits will blink.

2 Press the **CLEAR** button.



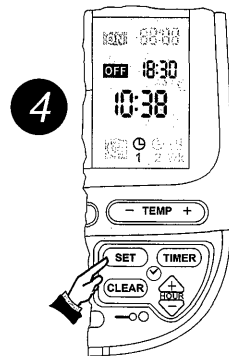
1. The **ON** time is cleared.  
2. **OFF** time icon & **OFF** time digits will blink.

3 Set the hours and minutes.



1. Set the **OFF** time at 18:30  
2. Press the (**HOUR+**) up button to advance the time, and press the (**HOUR-**) down button to retract.

4 Press the **SET** button



**OFF** time is activated at 18:30 (the (timer **OFF** icon will light)

### NOTES:

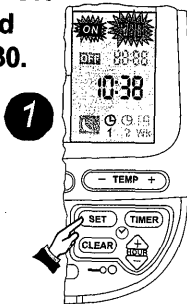
1. The default setting for the timers are 7:00 and 18:00 for **ON** and **OFF**, respectively.
2. The timer mode will display always the last **ON** and **OFF** settings on the LCD display

## SETTING THE **ON** AND **OFF** TIMERS

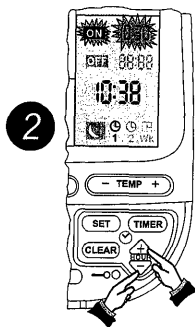
Undertake the following steps after selecting a timer-T1,T2 or WKT1,WKT2,to set a timer for the start and stop time of operation.

**EXAMPLE:**  
Turning the air conditioner **ON** at 10:30 and **OFF** at 18:30.

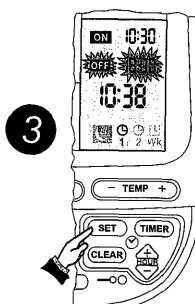
Press the **SET** button.



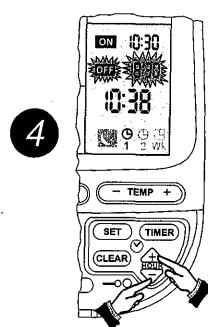
Set the hours and minutes.



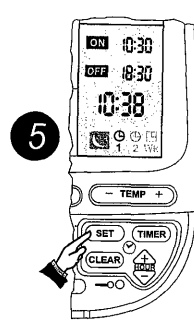
Press the **SET** button



Set the hours and minutes.



Press the **SET** button.



The **ON** icon & **ON** time digits will blink

1. Set the **ON** time at 10:30  
2. Press the (**HOUR+**) up button to advance the time, and press the (**HOUR-**) down button retract.

1. The **ON** time is activated at 10:30 (the time **ON** icon will light)  
2. Timer **OFF** icon & **OFF** time digits will blink.

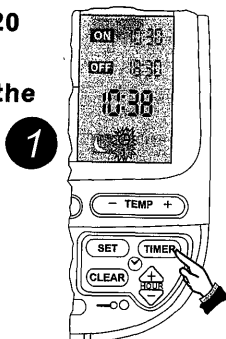
1. Set the **OFF** time at 18:30  
2. Press the (**HOUR+**) up button to advance the time, and press the (**HOUR-**) down button retract.

**OFF** time is activated at 18:30 (the timer **OFF** icon will light)

## TO CHANGE THE TIME SETTING

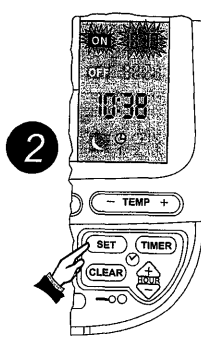
**EXAMPLE:**  
To change the **ON** time setting from 10:30 to 9:20 (while preserving the **OFF** time setting)

Press the **TIMER** button, until the selected timer icon blinks.



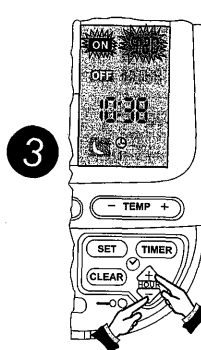
Note that the corresponding formerly set timer digits will display without blinking.

Press the **SET** button to enter edit mode



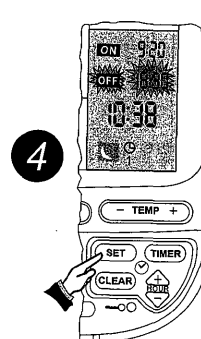
**ON** icon & **ON** time digits blink

Change the setting time to 9:20 by pressing on **HOUR-**.



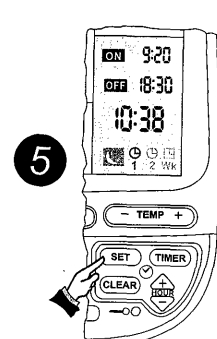
**ON** icon & **ON** time digits blink

Press the **SET** button to save the new setting.



**ON** icon & **ON** time digits light while **OFF** icon & **OFF** time digits blink.

Press the **SET** button to confirm the previous timer **OFF** setting



**ON** & **OFF** icons and time digits of the consequent timer light

## TO CANCEL THE TIMER SETTING FOR A PARTICULAR TIMER

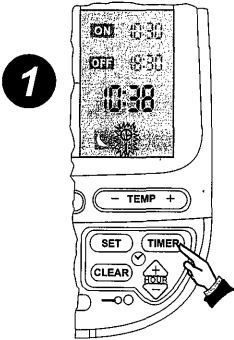
To cancel the ON time while keeping the OFF time setting.

Press **TIMER** button to select a timer.

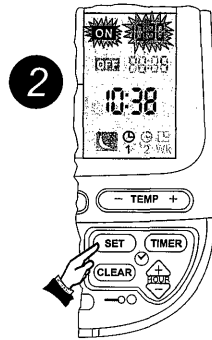
Press **SET** button.

Press **CLEAR** button.

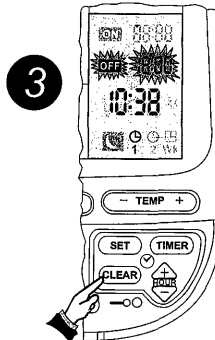
Press **SET** button



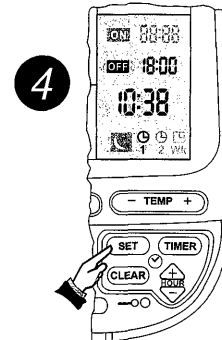
The selected timer icon blinks & the corresponding previous timer **ON, OFF** settings light.



**ON** icon & **ON** time digits blink.



**ON** time is cleared, **OFF** icon & **OFF** time digits blink.

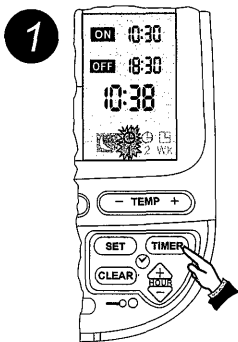


Confirm the new setting.

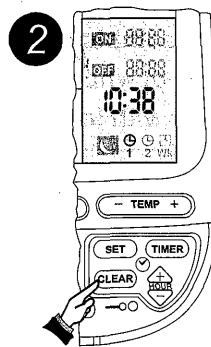
## TO CANCEL THE **ON** & **OFF** TIME SETTINGS

Press **TIMER** button to select a timer.

Press **CLEAR** button.



The selected timer icon blinks & the corresponding previous time **ON, OFF** settings light.

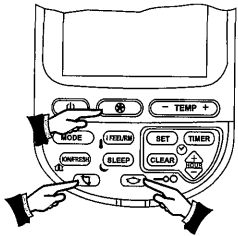


All settings of the selected timer are cleared.

### NOTES:

1. The default settings for the timers are 7:00 and 18:00, for ON and OFF respectively.
2. The timer mode will always display the last ON and OFF settings on the LCD display.
3. Pressing **CLEAR** button (12) for 5 seconds will cancel all timer settings and clear timer display.





## AIR FLOW VELOCITY AND DIRECTION ADJUSTMENT





Press button (7) to activate the supply air flap to auto swing;

Press button (8) to activate the Horizontal Air Flow to auto swing.

Press the two button again, you will cancel auto swing function.

To change the AIR FLOW velocity, press the  button.

Each time the button is pressed, the fan speed is changed in sequence:

 (Lo) →  (Med) →  (Hi) →  (Strong) → (AUTO).

To change the AIR FLOW blowing direction vertically, press the  button.

Each time the button is pressed, the operation of the VERTICAL VANE is changed in sequence:

Swing ON - Swing OFF - Swing ON

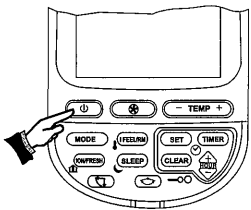
To change the AIR FLOW blowing direction horizontally, press the  button.

Each time the button is pressed, the angle of the HORIZONTAL VANE is changed in sequence:

Swing ON - Swing OFF - Swing ON

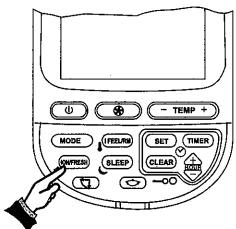
1) Strong fan will only operate in cooling & heating mode

2) Strong fan option is selectable via switch



## TURNING OFF THE AIR CONDITIONER

Press Start /Stop button (1) to turn off the air conditioner. Indicator (A) on the air conditioner will be turned red. Indicating that the air conditioner is in Stand-by mode and ready to accept any new command from the remote control. The remote control LCD will display the clock time. The last operation set-up will kept for the next operation.



## Ionizer / Fresh Air operation. (optional)

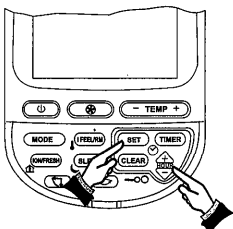
Pressing the Ionizer / Fresh air key will cycle in the following manner:

Fresh air (continual) & Ionizer → Fresh air (continual) → Ionizer → off

Fresh air option is selectable via switch

The function will be kept when mode is switchover

(E.S.F works together with Ionizer.)

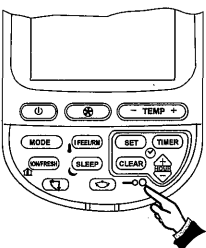


## CURRENT CLOCK TIME SET

Clock setting is performed when batteries are inserted. The remote control displays the setting and the clock display will blink 0:00 or 12:00 AM (AM sign will blink, too) till a new time is set.

For clock setting, use buttons (18) and (19) for setting the hours and minutes, respectively, and then press timer SET button (10). The clock setting can be also performed by pressing timer SET button (10) for 5 seconds.

The clock display will blink, for new setting follow the steps described above.



## LOCK FUNCTION

By pressing LOCK button (16), the remote control will lock the last operation program. All the function buttons will be inoperative, including START/STOP button. By pressing LOCK button (16) again the remote control will be released from its locked position. When lock mode is functioning, the transmission sign (17) will be on.

# PROTECTION MODES

Your air-conditioner includes several auto protection modes which enables you to use it virtually at any time and in any season regardless of the outdoor temperature. Some of the protection modes are listed below:

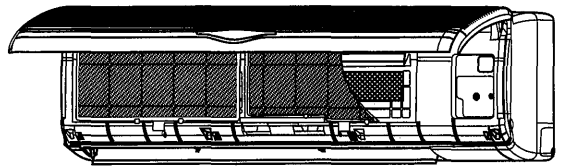
Mode	Operation conditions	Protection from	Controlled remedy
Cooling and Dry	Low outdoor temperature	Indoor coil freezes up	Stops outdoor fan and compressor when approaching freezing conditions Resumes operation automatically.
	High outdoor temperature	Outdoor coil overheating	Stop compressor when approaching over heating conditions. Resumes operation automatically. Operating indicator (A) blinks.
Heating	Low outdoor temperature	Outdoor coil ice build up	Reverses operation from heating to cooling for short periods to de-ice outdoor coil. Operating indicator (A) blinks.
	High Indoor or outdoor temperature	Indoor coil overheating	Stops outdoor fan and compressor when approaching high indoor coil temperature. Resumes operation automatically.

# CARE AND MAINTENANCE

Before performing any maintenance procedure, make sure to disconnect the air conditioner from the power.

## CLEANING THE AIR FILTER

- Your air conditioner is provided with a filter cleaning indicator. When the indicator (F) lights up, the filters should be removed for cleaning
- To remove the air filters, lift up the panel, push the air filters up slightly to unlock them, pull out the filters, Clean the filter by washing in warm soapy water and dry thoroughly, align and fit the filters in place, close the panel by pushing it in the center to lock it in place.
- Reset button ( K ) to turn off indicator ( F ).

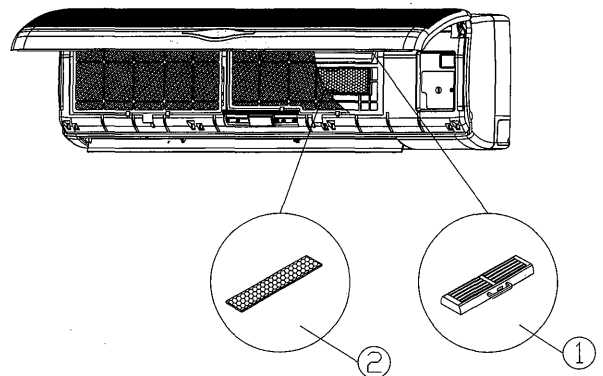


## CLEANING THE ELECTROSTATIC FILTER

● The electrostatic filter should be removed from the unit and cleaning once three month. The procedure is shown as following;

- 1 open the front panel
- 2 push the hook on the filter and pull out the electrostatic filter (Fig ①)
- 3 wash the filter with the warm soapy water and dry thoroughly
- 4 push the electrostatic filter into the right position
- 5 close the front panel

Note: the above procedure is used for cleaning the electrostatic filter.



## PURIFICATION FILTER REPLACEMENT

● The air purifying filter should be removed from the unit and replaced once a year, show as following:

- 1 pulling out the filter (Fig ②)
- 2 replacing the filter in its place.

**DO NOT OPERATE THE UNIT WITHOUT FILTERS!**

## CLEANING THE AIR CONDITIONER

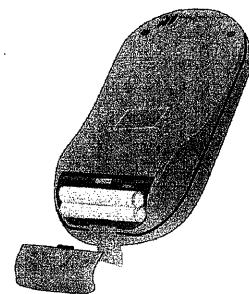
- Wipe the unit with a soft dry cloth or clean it using a vacuum cleaner
- do not use hot water or volatile materials which could damage The surface of the air conditioner.

## AT THE BEGINNING OF THE SEASON

- Make sure there are no obstacles blocking the flow of inlet or outlet air, in both indoor and outdoor units.
- Make sure the power is properly connected.

## PROTECT THE ELECTRONIC SYSTEM

- Indoor unit and remote control must be at least 1 meter away from a TV, radio or any other home electronic appliance.
- Protect the inner unit from direct sun or lighting.



## REMOTE CONTROL BATTERY CHANGE

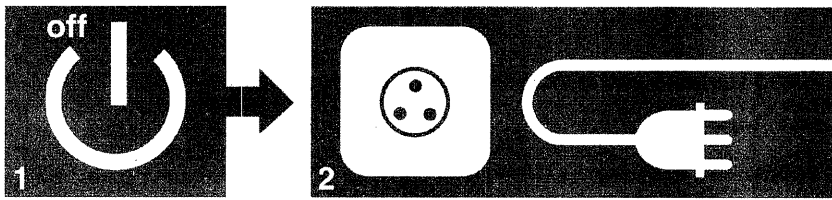
- Remove the batteries from the remote control as show.
- Use two 1.5 volt size AAA batteries.

# OPERATING TIPS

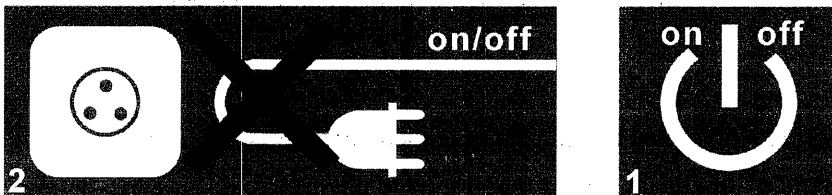
- Set a suitable room temperature; excessively low room temperature is not good for your health and wastes electricity. Avoid frequent setting of the temperature.
- During cooling, avoid direct sun. Keep curtains and blinds closed. Close doors and windows to keep the cool air in the room.
- Avoid generating heat or using of heating appliances while the air conditioner in cooling mode.
- Make sure that the air flap is positioned properly: horizontal flow in cooling and downward vertical flow for heating.
- Keep the room temperature uniform by adjusting the Left/Right vertical air blades.
- Position the air flap and the left/right air blades in such a manner as to prevent your body from being exposed directly to air drafts.
- During prolonged operation, ventilate the room occasionally by opening a window from time to time.
- In a power failure, the microprocessor memory is retained. When restarted, operation will be resumed in the last mode of operation. However, if the timer was used, the unit will be turned off by the timer only if the remote control is aimed at the unit. Otherwise the power failure will cause the timer data to be erased from the microprocessor memory.
- After turning on, allow more than 3 minutes for cooling, heating or dry operation to start.
- When Dry mode is used, make sure that the room temperature is between 20° to 27°C. When used out of this range, the unit may protect itself and become inoperative.
- When COOL or DRY modes are used, make sure that the room's relative humidity is below 78%. If the unit is used for a prolonged periods of time in high humidity, moisture may form on the air outlet and drip down.
- Remote control signals may not be received if the indoor unit controls cover is exposed to direct sunlight or strong light. In such a case, block the sunlight or dim the lighting.
- The remote control is operative in a range of 8 meters. If you are out of range, the remote control may have difficulties in transmitting signals.

# PRECAUTIONS

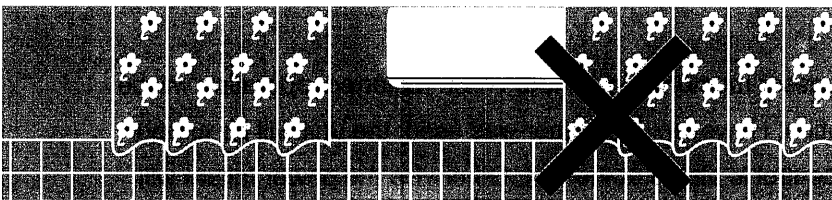
- Use the proper electrical fuse..  
Do not pull out the power cord unless the unit is turned off.



- Do not turn on or off air conditioner by inserting the power cord.



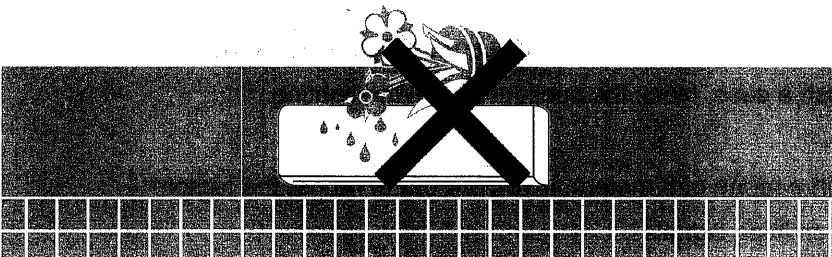
- Do not obstruct or block the air inlet or air outlet of the air conditioner.



- Do not insert any objects in the air outlet of the indoor or outdoor unit.



- Do not splash water on air conditioner.



## IF NOISE IS HEARD

There may be hissing sound during operation or just after shut down. This is caused by the refrigerant that is circulating inside the unit

There may be a cracking sound at starting and stopping the unit's operation. This is caused by heat expansion or contraction of plastics.

# BEFORE CALLING FOR SERVICE

Before calling for service, please check the following common malfunctions and correct it as needed.

Problem	Cause	Remedy
<ul style="list-style-type: none"> <li>Unit does not operate. Standby indicator does not light up.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Unit not connected to power</li> <li><input type="checkbox"/> Power failure</li> </ul>	<ul style="list-style-type: none"> <li>■ Plug in the power cord.</li> <li>■ Check main fuse.</li> </ul>
<ul style="list-style-type: none"> <li>Unit does not operate. Standby indicator lights.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Remote control malfunctions</li> <li><input type="checkbox"/> The remote control is locked.</li> </ul>	<ul style="list-style-type: none"> <li>■ Check remote control batteries.</li> <li>■ Try to operate from a closer distance.</li> <li>■ Start from on-unit controls.</li> <li>■ Perform reset operation by pressing buttons: (10) (12) (18) (19) for 5 sec.</li> <li>■ Unlock the remote control.</li> </ul>
<ul style="list-style-type: none"> <li>Unit does not respond properly to remote control command.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> IR signal does not reach unit.</li> <li><input type="checkbox"/> Distance between remote control and unit too large or aimed at from improper angle.</li> <li><input type="checkbox"/> IR receiver on-unit exposed to strong light source.</li> </ul>	<ul style="list-style-type: none"> <li>■ Check for obstruction between unit and remote control, Clear if needed.</li> <li>■ Get closer to unit.</li> <li>■ Dim lights, fluorescents especially</li> </ul>
<ul style="list-style-type: none"> <li>Air does not blow out from indoor unit.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> De-icing protection mode is activated.</li> <li><input type="checkbox"/> Unit is in AUTO FAN mode.</li> <li><input type="checkbox"/> Over cooling in DRY.</li> </ul>	<ul style="list-style-type: none"> <li>■ Normal operation in HEATING mode.</li> <li>■ Normal operation in DRY mode.</li> </ul>
<ul style="list-style-type: none"> <li>COOLING, DRY or HEATING does not start immediately.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> 3-min. Compressor delay start.</li> </ul>	<ul style="list-style-type: none"> <li>■ Normal operation for these modes.</li> </ul>
<ul style="list-style-type: none"> <li>Unit functions but does not perform sufficiently.</li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Improper temperature setting.</li> <li><input type="checkbox"/> Unit capacity insufficient for load or room size.</li> </ul>	<ul style="list-style-type: none"> <li>■ Reset temperature.</li> <li>■ Consult your dealer.</li> </ul>

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**AIR CONDITIONER  
SPLIT WALL MOUNTED**      **PROGRAMMING AND  
OPERATING MANUAL**

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**CLIMATISEUR  
SPLIT MURAL**      **MANUEL D'UTILISATION ET  
DE PROGRAMMATION**

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**KLIMAGERAET  
IN SPLIT BAUWEISE**      **BEDIENUNGS UND  
PROGRAMMIERUNGS HANDBUCH**

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**CLIMATIZADOR  
SPLIT MURAL**      **MANUAL DE UTILIZACION Y  
DE PROGRAMMACION**

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**CONDIZIONATORE  
D'ARIA APARETE SPLIT**      **MANUALE DI UTILIZZO E DI  
PROGRAMMAZIONE**

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