

# RC4 remote control



PROGRAMMING AND OPERATION MANUAL



CE

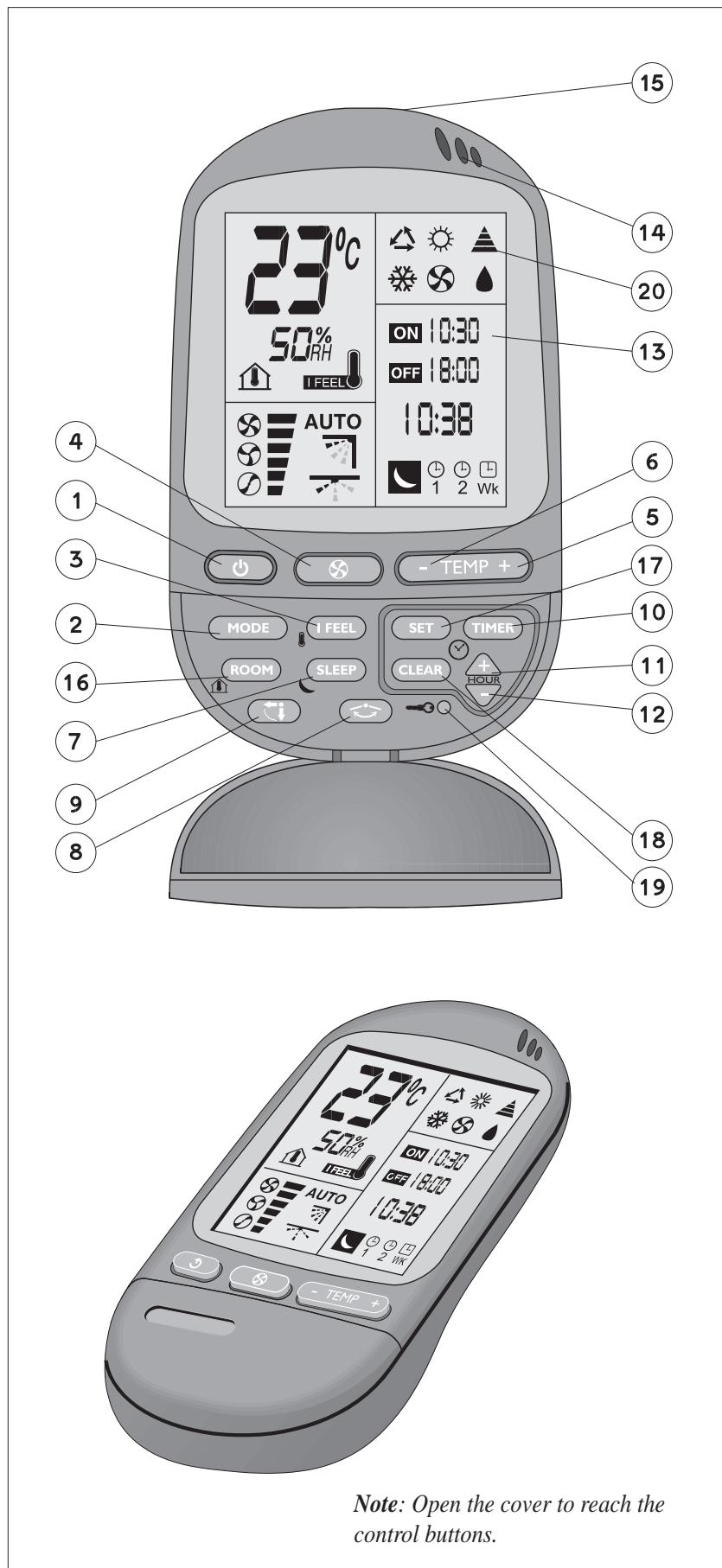
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***IF YOUR AIR  
CONDITIONER IS FOR  
COOLING ONLY, PLEASE  
DISREGARD THE  
HEATING INSTRUCTIONS***

***PLEASE READ THESE  
INSTRUCTIONS BEFORE  
OPERATING THE AIR  
CONDITIONER***

# REMOTE CONTROL



- 1 START/STOP button
- 2 Operation mode selection button  
COOLING  
HEATING  
AUTO COOL / HEAT  
DRY  
FAN
- 3 I FEEL temperature sensing mode button
- 4 FAN SPEED and AUTO FAN button
- 5 Room temperature UP button
- 6 Room temperature DOWN Button
- 7 SLEEP button
- 8 Airflow direction  
MANUAL positioning control button
- 9 Airflow direction AUTO-CONTROL button
- 10 TIMER button
- 11 TIMER UP button
- 12 TIMER DOWN button
- 13 LCD operation display
- 14 I FEEL sensor
- 15 Infrared signal transmitter
- 16 ROOM temperature button
- 17 TIMER SET button
- 18 TIMER CLEAR button
- 19 LOCK button
- 20 Transmission sign

# 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 8 m.
- Ensure that there are no obstructions between the remote control and the signal receptor.
- 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 source.
- Do not expose the air conditioner signal receiver to a strong light such as fluorescent lamp or sunlight

## REMOTE CONTROL BATTERY CHANGE

- Remove the batteries from the remote control as shown.
- Use two 1.5 volt size AAA batteries
- For protecting the environment, please, return used batteries for recycling process.

## PRIOR TO OPERATION

*Prior to operating your air conditioner, make sure that:*

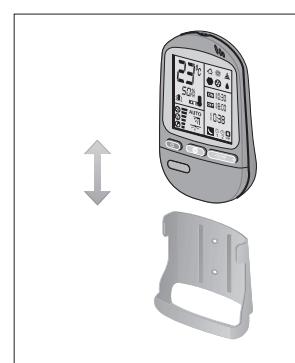
- The red tab protecting the remote control battery has been removed.
- For clock setting see page 11.



## REMOTE CONTROL HOLDER

*Use the remote control holder when unit is not in use.*

*Remote control can be slipped in or out its holder.*



## MODES OF OPERATION, FUNCTIONS AND FEATURES

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**COOL**

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

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**HEAT**

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

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**AUTO**

Automatically switches from COOLING to HEATING or from HEATING to COOLING, maintaining the desired temperature according to the room conditions.

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**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.

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**FAN**

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

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**AUTO FAN**

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

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**I FEEL**

Switches the temperature sensing point to the place where the remote control is located. (Generally the temperature sensor is located behind the intake grille of the air conditioner). This function is designed to provide a personalized environment by transmitting the temperature control command from the location 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.

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**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.

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**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. When in SLEEP mode, the air conditioner will be automatically turned off after seven hours. The result is a more comfortable and invigorating sleep, which leaves you feeling fresh and energetic in the morning.

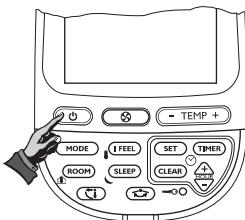
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<b>%RH HUMIDITY MEASURE- MENT (OPTIONAL)</b>	Measures and displays relative humidity between 30% and 90% at a temperature range of 15°C to 45°C.
<b>AUTO LOUVRE</b>	The air louvre is automatically positioned for the most suitable blow-out angle, when COOL, HEAT, DRY or FAN modes are selected. When the air conditioner is turned off, the flap will close automatically for an aesthetic appearance.
 <b>VERTICAL AIR SWING</b>	Automatic swing of supply air in vertical direction. The flap moves automatically in upward and downward direction to spread the conditioned air evenly throughout the room. <b>Note:</b> Applicable on some models only.
 <b>Option 1 AIR DIRECTION POSITIONING</b>	Manual positioning of the air flap to provide desirable air flow angle. <b>Note:</b> Applicable on some models only.
 <b>Option 2 HORIZONTAL AIR BLADES CONTROL</b>	Automatic swing and manual positioning of the air blades to provide required air flow angle in horizontal direction. The air blades move automatically from left to right direction, to diffuse the conditioned air evenly throughout the room.
 <b>ROOM TEMPERATURE</b>	Measures and displays room temperature.
<b>LOCK</b>	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.
<b>ILLUMINATED KEYPAD AND LCD DISPLAY (OPTIONAL)</b>	By pressing any button in dark environment, the keypad and the LCD display will be illuminated

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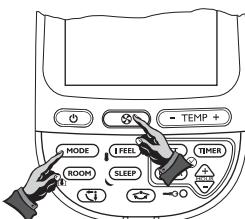
# OPERATION PROCEDURE



## TURNING ON THE AIR CONDITIONER

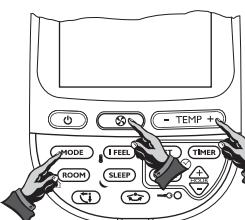
Press START/STOP button (1) to turn the air conditioner on. The operation indicator on the air conditioner will light up, indicating that the unit is in operation. Note that the LCD operation display (13) will always show the last mode of operation and previous function used.

Follow the instructions if you choose to change the control settings; otherwise, the air conditioner will start and operate in the same mode and functions prior to being turned off.



## VENTILATING OPERATION

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



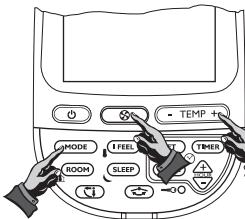
## COOLING OPERATION

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.



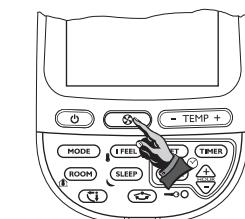
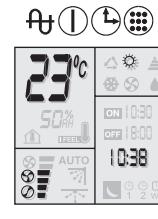
## COOLING OPERATION WITH AUTO FAN MODE

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.



## 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.



## HEATING OPERATION WITH AUTO FAN MODE

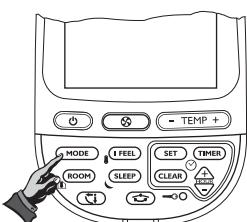
This operation starts with the highest air flow in order to quickly raise the room temperature. It will then automatically switch to a lower air flow to quietly maintain the selected temperature.





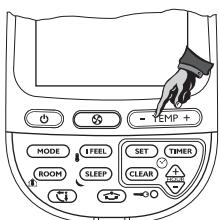
### AUTO COOLING / HEATING OPERATION

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 and the temperature setting.



### 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 low fan speed, regardless of the fan setting on the LCD operation display. 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

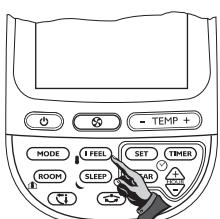
Press TEMP buttons (5) or (6) to change the temperature setting in the LCD operation display (13). The temperature setting is shown in degrees centigrade. A higher number indicates a higher room temperature. A lower number indicates a lower room temperature



### I FEEL FUNCTION

Press I FEEL 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.



### SLEEP FUNCTION

Press SLEEP button (7) 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+ (11) and HOUR- (12) 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, then 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 (7)

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 (10). To set each timer use time adjust up and down buttons Hour+ (11) and Hour- (12) respectively. SET button (17) to enable the timer and/or CLEAR button (18) to disable the timer.

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

NOTE: After a power failure the timer operation is cancelled, timer indicator on the air conditioner will blink, the unit will be automatically turned to stand-by mode and STAND-BY indicator 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

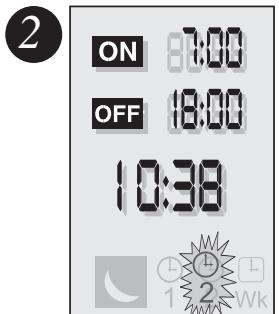
Press the TIMER button (10) to select a timer. Each time the TIMER button (10) is pressed, one of the four following timer icons will appear on the LCD display.

Press TIMER  
button to select  
daily timer T1.



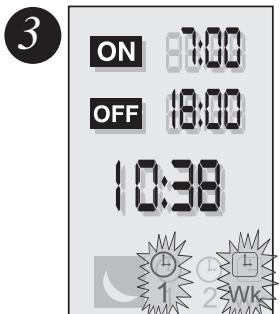
Icon 1 of Timer T1  
will blink

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



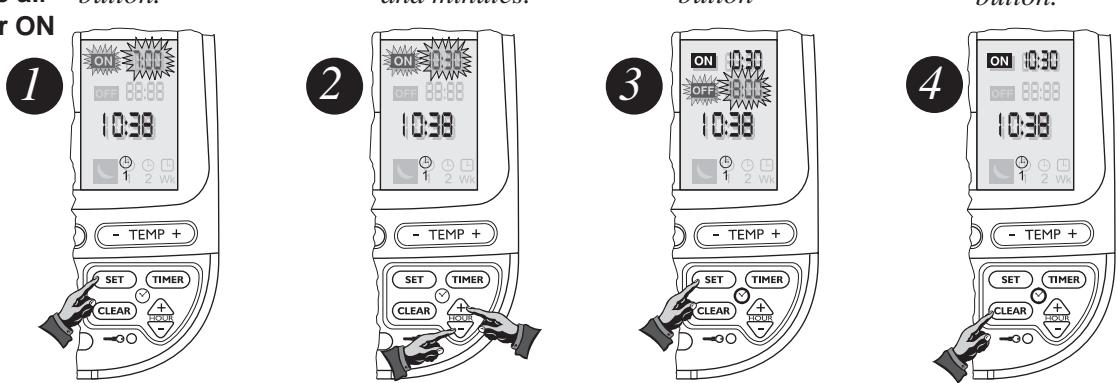
Icons 1 and WK  
will blink.

# 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.



The ON icon & ON time digits will blink

Set the hours and minutes.

Press the SET button

Press the CLEAR button.

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.

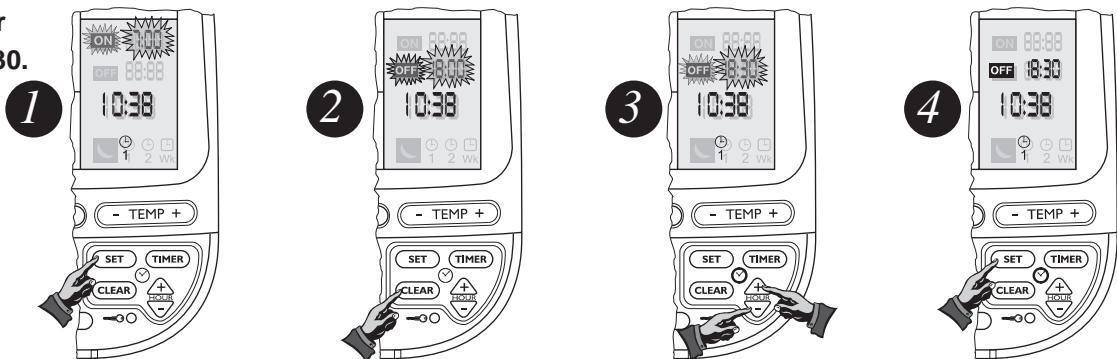
1. The ON time is activated at 10:30 (the time ON icon will light)
2. Time OFF icon & OFF time digits will blink.

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.



The ON icon & ON time digits will blink.

Press the CLEAR button.

Set the hours and minutes.

Press the SET button

1. The ON time is cleared.
2. OFF time 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 to retract

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

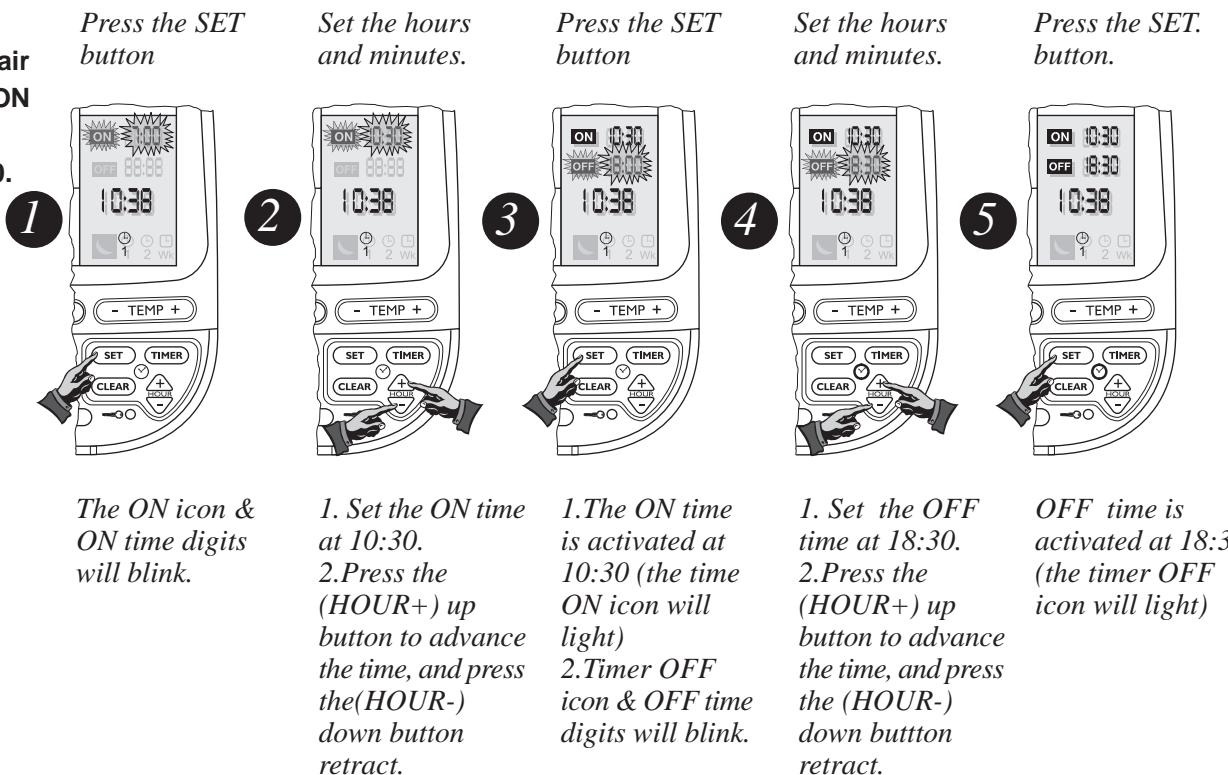
### NOTES:

- 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

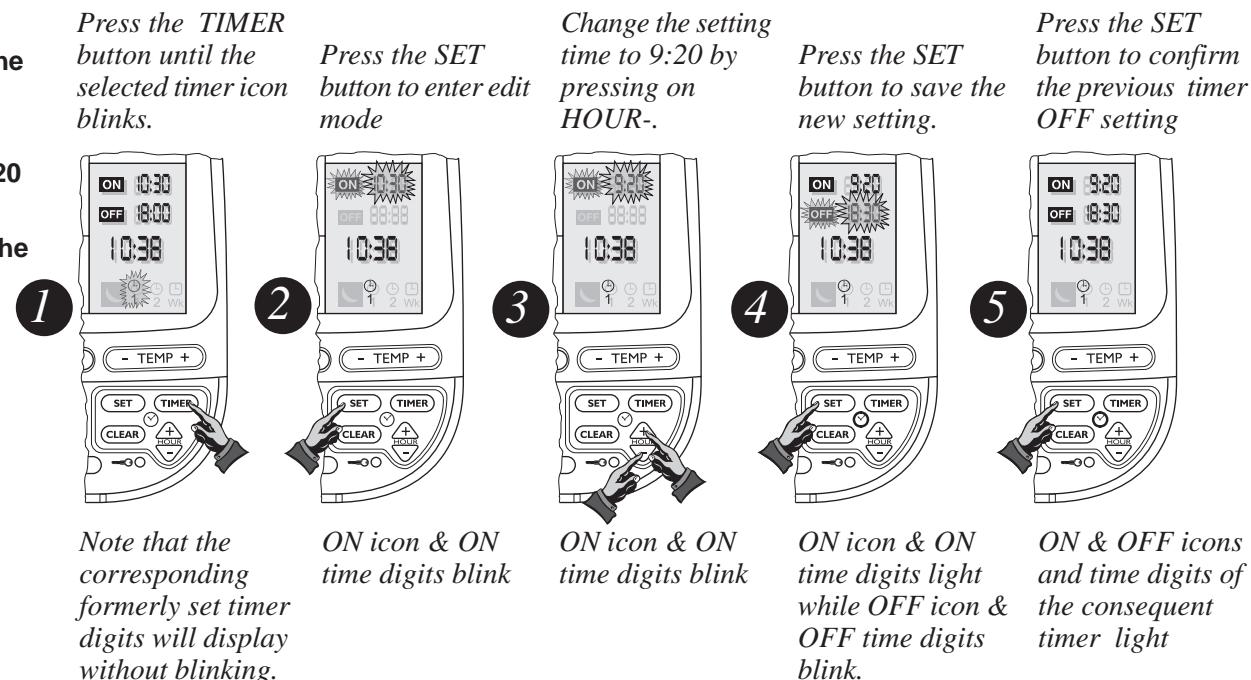
Undertake the following steps after selecting a timer - T1,T2 or WKT1, WKT2, to set a timer for the start and stop time of operation.

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



## TO CHANGE THE TIME SETTING

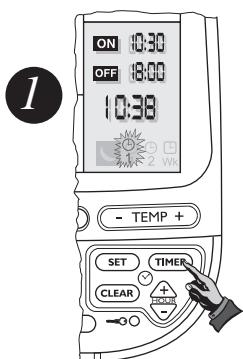
**EXAMPLE:**  
**To change the ON time setting from 10:30 to 9:20 (while preserving the OFF time setting)**



## 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.



1

Press **SET** button .



2

Press **CLEAR** button



3

Press **SET** button



4

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

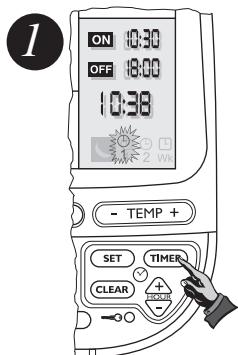
ON icon & ON time digits blink.

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

Confirm the new setting.

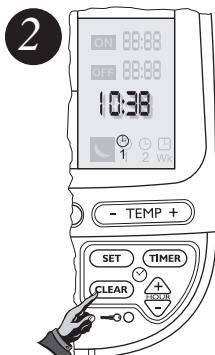
## TO CANCEL THE **ON & OFF** TIME SETTINGS

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



1

Press **CLEAR** button



2

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 (18) for 5 seconds will cancel all timer settings and clear timer display.

## AIR DIRECTION OPERATION

### 1. Automatic Vertical Air Swing

Press button (9) to activate the auto air swing. Press button (9) again to deactivate this function

### 2. Air Direction Positioning (See Option 1 on page 2)

Press button (8) to position the air flap to any desired angle.

### 3. Horizontal air flow control (See Option 2 on page 2)

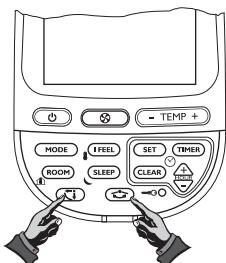
#### A. AUTOMATIC HORIZONTAL AIR SWING

Press button (8) to activate the auto swing

The horizontal swing icon will light on the LCD display

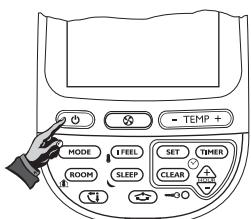
#### B. MANUAL AIR DIRECTION POSITIONING

Press button (8) once again to position the air blades at any desired



## TURNING OFF THE AIR CONDITIONER

Press START/STOP button (1) to turn off the air conditioner. Indicator (B) on the air conditioner will be turned off. Indicator (A) will stay lit, 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 operating set-up will be kept for the next operation.



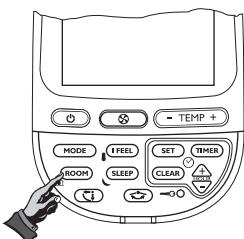
## ROOM TEMPERATURE DISPLAY

By pressing on ROOM temperature, button (16), 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 (16).
- Change of MODE button (2)

NOTE: Room temperature range is between 0°C and 36°C in 1°C increments. Display should show "HI" or "LOW" to represent temperature that is above 36°C or below 2°C.

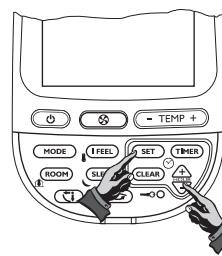


## CURRENT CLOCK TIME SET

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 (11) and (12) for setting the hours and minutes, respectively, and then press timer SET button (17). The clock setting can be also performed by pressing timer SET button (17) for 5 seconds.

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



## LOCK FUNCTION

By pressing LOCK button (19), the remote control will lock the last operation program. All the function buttons will be inoperative, including START/STOP button. By pressing LOCK button (19) again the remote control will be released from its locked position. When lock mode is functioning, the transmission sign (20) will be on.



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