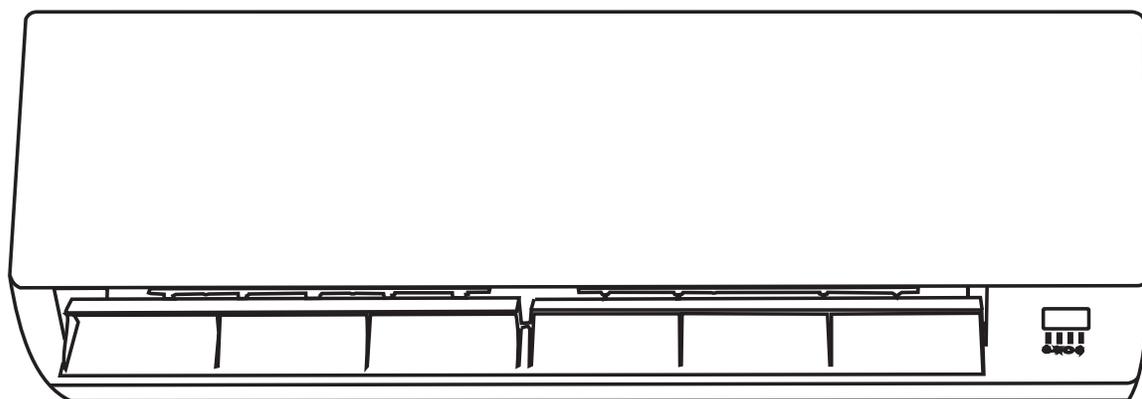


Célieria®

INSTRUCTION & INSTALLATION MANUAL DUCTLESS MINI SPLIT AIR CONDITIONING SYSTEMS



CONTENTS

SAFETY PRECAUTIONS.....	1
NAMES OF THE PARTS.....	3
INDOOR UNIT DISPLAY.....	4
EMERGENCY FUNCTION & AUTO-RESTART FUNCTION.....	5
REMOTE CONTROL.....	6
MODES OF OPERATION.....	9
PROTECTION.....	14
INSTALLATION MANUAL.....	15
MAINTENANCE.....	24
TROUBLESHOOTING.....	25

SAFETY RULES AND RECOMMENDATIONS FOR THE INSTALLER

-  Read this guide before installing and using the appliance.
-  During the installation of the indoor and outdoor units, access to the working area should be off limits to children. Unforeseeable accidents can occur.
-  Make sure that the base of the outdoor unit is securely installed and stable before use.
-  Check that air cannot enter the refrigerant system and check for refrigerant leaks when moving the air conditioner.
-  Carry out a test cycle after installing the air conditioner and record the operating data.
-  The ratings of the fuse installed in the built in-control unit are 3.15A / 250V for 220V units, and 3.15A / 125V for 110V units.
-  The indoor unit must be protected using a fuse of suitable capacity for the maximum input current or with another overload protection device.
-  Ensure the mains voltage corresponds to the voltage stamped on the rating plate. Keep the switch or power plug clean. Insert the power plug correctly and firmly into the socket to avoid risk of electric shock or fire due to insufficient contact.
-  Check that the socket is suitable for the plug or have the socket replaced.

-  Do not install the appliance closer than 50cm from flammable substances (alcohol, etc.) or pressurized containers (e.g. spray cans).
-  If the appliance is used in areas without the possibility of ventilation, precautions must be taken to prevent any leaks of refrigerant gas from remaining in the environment to avoid creating a fire hazard.
-  The packaging materials are recyclable and should be disposed of in separate waste bins. The air conditioner itself must be taken to a special waste collection center for proper disposal.
-  Only use the air conditioner as instructed in this booklet. These instructions are not intended to cover every possible condition or situation. As with any electric household appliance, common sense and caution are therefore always recommended for installation, operation, and maintenance.
-  The appliance must be installed in accordance with applicable national regulations.
-  Before accessing the terminals, all the power circuits must be disconnected from the power supply.

SAFETY RULES AND RECOMMENDATIONS FOR THE USER

-  Do not try to install the air conditioner alone; always contact trained, experienced personnel.
-  Cleaning and maintenance must be carried out by specialized technical personnel. Under any circumstances, disconnect the appliance from the mains electricity supply before carrying out any cleaning or maintenance.
-  Ensure that the mains voltage corresponds to the rating stamped on the rating plate. Keep the switch and power plug clean. Insert the power plug correctly and firmly into the socket to avoid risk of electric shock or fire due to insufficient contact.
-  Do not pull out the plug to switch off the appliance during operation. Doing so could create a spark and cause a fire or create a fire hazard, etc.

-  Never remain directly exposed to the flow of cold air for extended periods. Direct and prolonged exposure to cold air could be dangerous to your health. Particular care should be taken in rooms where there are children, elderly, or sick individuals.
-  If the appliance gives off smoke or there is a burning smell, immediately disconnect the power supply and contact the Service Center. Prolonged use of the device afterward could cause fire or electrocution.
-  Have repairs carried out only by a Service Center authorized by the manufacturer. Incorrect repair could expose the user to risk of electric shock, fire hazard, etc.

SAFETY RULES AND RECOMMENDATIONS FOR THE USER

-  This appliance has been made for air conditioning domestic environments and must not be used for any other purpose, such as for drying clothing, cooling food, etc.
-  The packaging materials are recyclable and should be disposed of in separate waste bins. The air conditioner itself must be taken to a special waste collection center for proper disposal.
-  Always use the appliance with the air filter mounted. The use of the conditioner without the air filter could cause an excessive accumulation of dust or waste on the inner parts of the device with possible subsequent failures.
-  The user is responsible for having the appliance installed by a qualified technician, who must check that it is earthed in accordance with current legislation and insert a thermomagnetic circuit breaker.

-  Disable automatic functions if you foresee not using the device for an extended period of time. The air flow direction must also be properly adjusted.
-  The flaps should be directed downwards in heating mode and upwards in cooling mode.
-  Only use the air conditioner as instructed in this booklet. These instructions are not intended to cover every possible condition or situation. As with any electric household appliance, common sense and caution are therefore always recommended for installation, operation, and maintenance.
-  Ensure that the appliance is disconnected from the power supply when it will not be in operation for an extended period and before carrying out any cleaning or maintenance.
-  Selecting the most suitable temperature can prevent damage to the appliance.

SAFETY RULES AND PROHIBITIONS

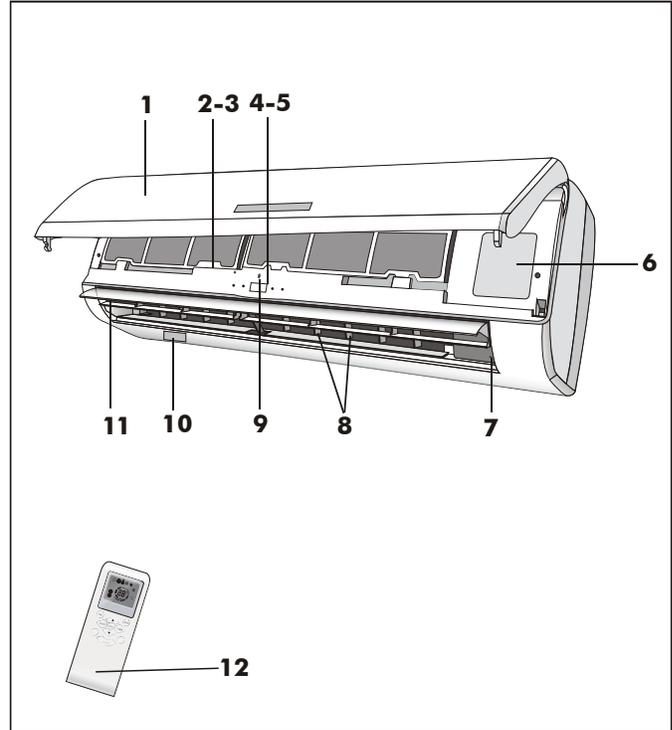
-  Do not bend, tug or compress the power cord, since this could damage it. Electrical shock or fire are often caused by damaged power cords. Specialized technical personnel should be the only persons allowed to repair or replace damaged power cords.
-  Do not use extensions or gang modules.
-  Do not touch the appliance when barefoot or parts of the body are wet or damp.
-  Do not obstruct the air inlet or outlet of the indoor or outdoor units. Obstruction of these openings causes a reduction in the operating efficiency of the air conditioner and can lead to consequent failures or damages.
-  Do not alter the characteristics of the appliance in any way.
-  Do not install the appliance in environments where the air could contain gas, oil or sulphur or near sources of heat.
-  This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.

-  Do not climb onto or place any heavy or hot objects on top of either the indoor or outdoor unit.
-  Do not leave windows or doors open for long when the air conditioner is in operation.
-  Do not direct the flow of cold air onto plants or animals. Prolonged direct exposure to cold air produced by the air conditioner could have negative effects on plants and animals.
-  Do not put the air conditioner in contact with water. The electrical insulation could be damaged and lead to electrocution.
-  Never insert a stick or similar object into the appliance. Such misuse can lead to injury or damage to the operation of the units.
-  Children should be supervised to ensure that they do not play with the appliance. If the supply cord is damaged, it must be replaced by the manufacturer, an authorized service agent, or similarly qualified personnel to avoid hazard.

NAMES OF THE PARTS

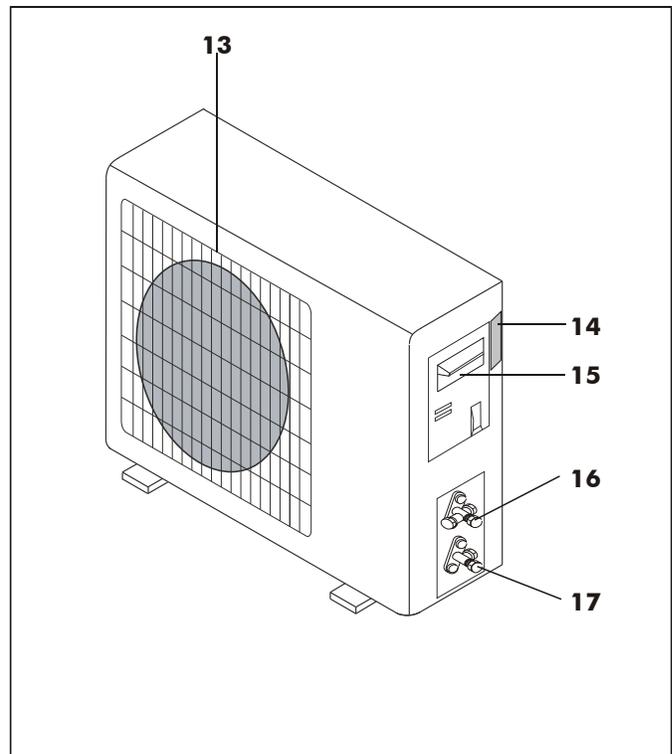
INDOOR UNIT

No.	Description
1	Front Panel
2	Air Filter
3	Optional Filter (if installed)
4	LED Display
5	Signal Receiver
6	Terminal Block Cover
7	Ionizer Generator (if installed)
8	Deflectors
9	Emergency Button
10	Indoor Unit Rating Label
11	Airflow Direction Flaps
12	Remote Control



OUTDOOR UNIT

No.	Description
13	Air Outlet Grille
14	Outdoor Unit Rating Label
15	Cover
16	Gas Valve
17	Liquid Valve

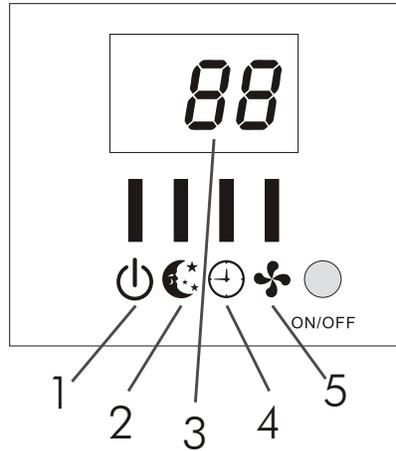


WALL AIR CONDITIONER

- The air conditioner is made up of two or more units connected to each other through copper pipes (properly insulated) and an electrical connecting cable.
- The indoor unit is installed onto the wall of the room intended to be air conditioned.
- The outdoor unit is installed on the ground or on an outdoor wall using suitable brackets.
- Technical data for the air conditioner is printed on the labels placed on both indoor and outdoor units.
- The remote control is designed for quick and simple use.

NOTE: the above figures are only intended to be a simple diagram of the overall units and may not correspond to the appearance of the units purchased.

INDOOR UNIT DISPLAY



No.	Led		Function
1	POWER		Shows that the unit is powered
2	SLEEP		SLEEP mode
3	Temperature display (if present)		Indicates the set temperature in C° or F°
4	TIMER		TIMER mode
5	RUN		Unit working

EMERGENCY FUNCTION AND AUTO-RESTART FUNCTION

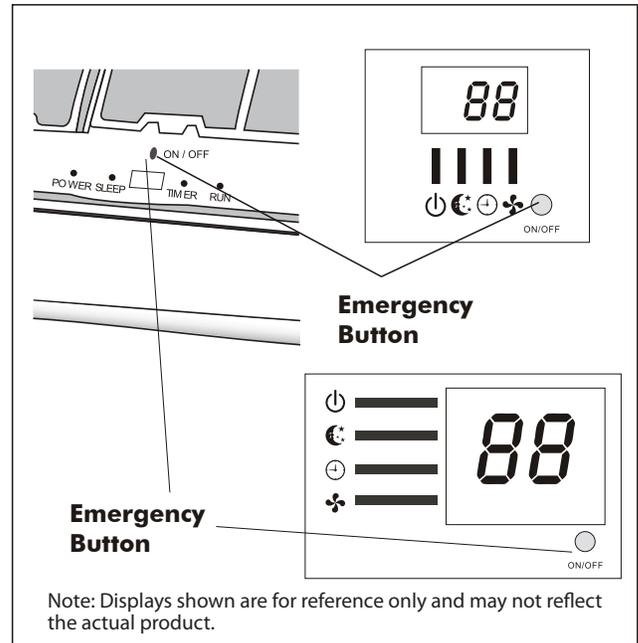
AUTO-RESTART FUNCTION

The appliance comes equipped with a preset Auto-Restart function by the manufacturer. Using this function, the air conditioner can keep the selected settings after a blackout or a voltage drop.

To deactivate the Auto-Restart function, perform the following:

1. Switch the air conditioner off and unplug it.
2. Press and hold the emergency button while plugging it back in.
3. Keep pressing the emergency button for at least 10 seconds until you hear four short beeps from the unit. The Auto-Restart function is now off.

To re-activate the Auto-Restart function, follow the same procedure until you hear three short beeps from the unit.

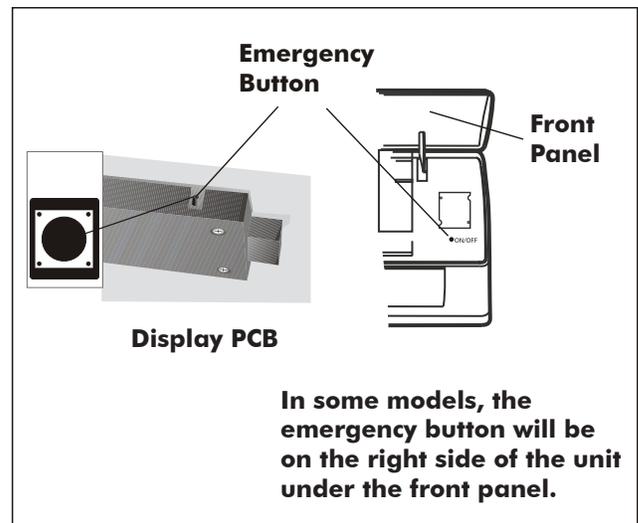


EMERGENCY FUNCTION

If the remote control is lost, perform the following:

Lift the unit's front panel to reach the air conditioner's emergency button.

1. Press once and you will hear one beep. The system will operate in forced cool mode.
2. Press twice and you will hear two beeps. The system will operate in forced heat mode. (NOTE: Heating function not available on all models.)
3. To switch off the unit, press the emergency button one more time and you will hear one long beep. After 30 minutes in a forced function mode, the system will automatically begin working in FEEL mode. The FEEL function is described on page 13 of this manual.



⚠ The shape and position of the emergency button may vary according to the model, but their function will be the same.

Note: the external static pressure of heat pumps (on select models) is 0 Pa for all models.

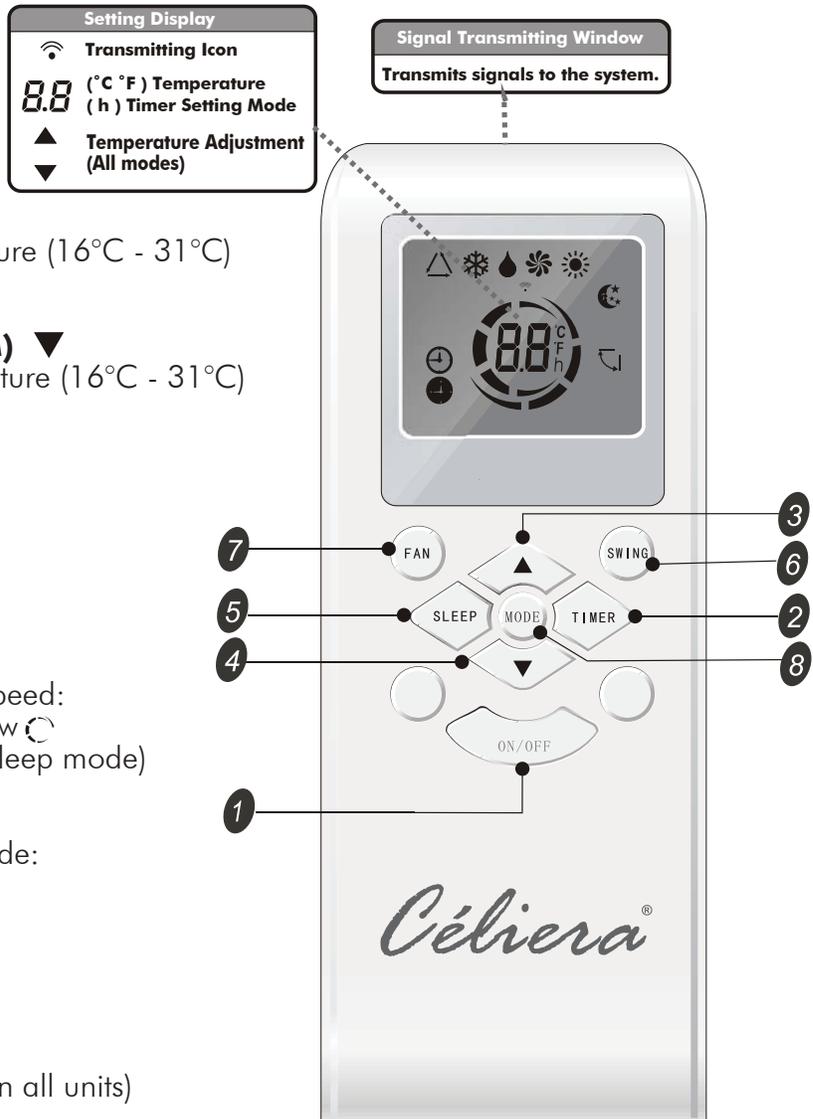
REMOTE CONTROL

**NOTE: The Remote controls all functions of the system.
If it is lost, the system can still function using the EMERGENCY BUTTON,
but certain functions will not be accessible.**

- 1 ON/OFF Button** 
Starts and stops operation
- 2 TIMER Button** 
Selects TIMER operation
- 3 UP Button (TOO COOL)** 
Increases the set room temperature (16°C - 31°C)
and time (0.5h-24h)
- 4 DOWN Button (TOO WARM)** 
Decreases the set room temperature (16°C - 31°C)
and time
- 5 SLEEP Button** 
Sets or cancels sleep function
- 6 SWING Button** 
Adjusts airflow direction
- 7 FAN Button**
Controls the indoor fan motor speed:
Auto  High  Med  or Low 
(This function does not work in sleep mode)
- 8 MODE Button**
Selects the type of operating mode:

- FEEL** 
 - COOL** 
 - DRY** 
 - FAN** 
 - HEAT** 
- (Heating function not available in all units)

FEEL mode selects the operating mode automatically depending on the room temperature
FEEL mode is the default initial mode

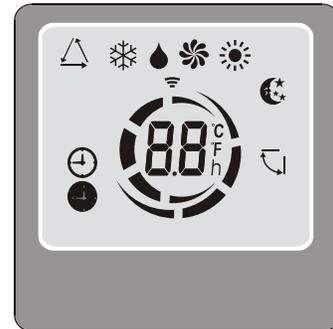


Note: each mode and relevant function will be further specified in following pages.

REMOTE CONTROL

Remote Control Display Guide to LCD Symbols

No.	Symbols	Indicator
1	△	FEEL mode
2	❄️	COOL mode
3	💧	DRY mode
4	🌀	FAN ONLY mode
5	☀️	HEATING mode
6	📶	TRANSMIT SIGNAL
7	🕒	TIMER OFF
8	🕒	TIMER ON
9	🌀	AUTO FAN mode
10	🌀	LOW FAN mode
11	🌀	MEDIUM FAN mode
12	🌀	HIGH FAN mode
13	🌙	SLEEP mode
14	↺	FLAP SWING mode



REMOTE CONTROL PROGRAMMING

Preliminary Instructions How to Insert the Batteries

- See **Diagram 1**: Remove the cover from the battery compartment by sliding it in the direction of the arrow.
- Insert the new batteries, ensuring that the (+) and (-) symbols are correct.
- Replace the cover by sliding it into place.

⚠ Use 2 LRO 3 AAA (1.5V) batteries. Do not use rechargeable batteries. Replace the old batteries with new ones of the same type when the display is no longer legible.

⚠ The remote control batteries must be disposed of in accordance with the applicable laws in place in the country of use.

See **Diagram 2**:

When you insert the remote control's batteries for the first time or if you change them, you may see a DIP switch under the back cover (select models).

DIP switch position	Function
DIP 1 ON: °C	The display will read in degrees Celsius.
DIP 1 OFF: °F	The display will read in degrees Fahrenheit.
DIP 2 ON: Cool	The remote control is set to cooling only mode.
DIP 2 OFF: Heat	The remote control is set to heating only mode.

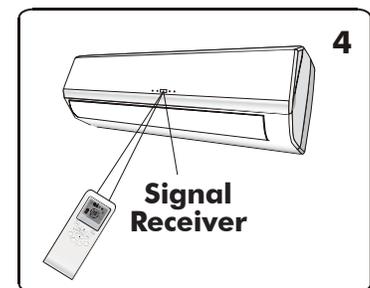
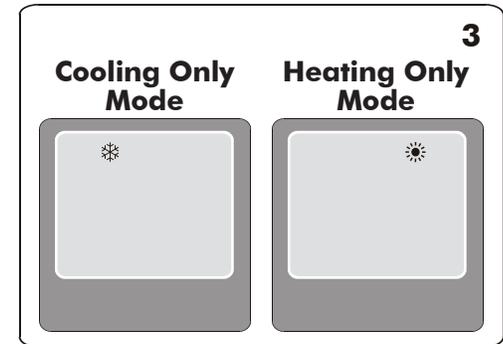
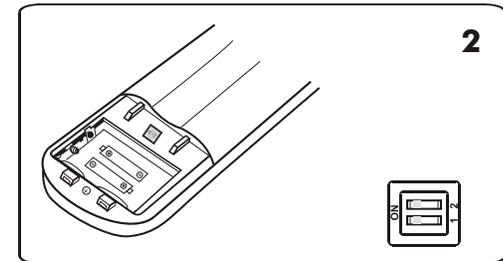
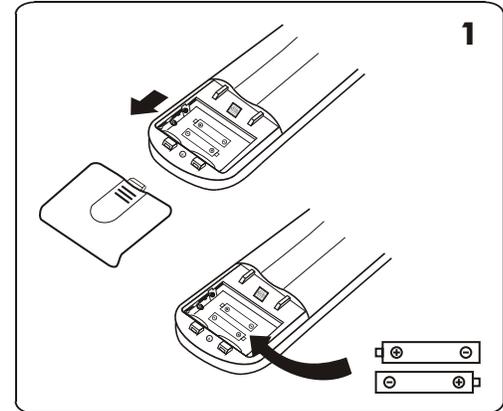
⚠ NOTE: Heating function not available on all units. After adjusting the DIP switches, you will need to remove the batteries and re-insert them using the above procedure to reset the remote control.

See **Diagram 3**:

When inserting the remote control's batteries for the first time or if you change them, you will need to program the remote to function in cooling or heating mode (if available).

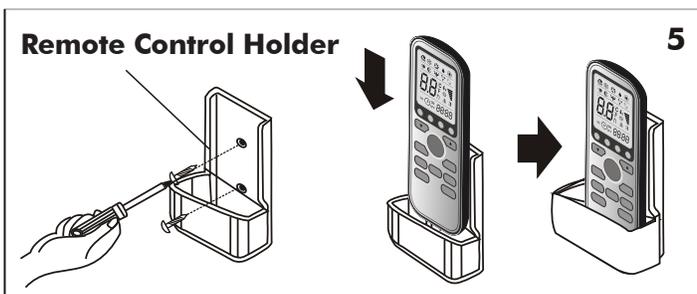
⚠ Immediately after inserting the batteries, the remote's LCD display will flash the COOL symbol ❄ and the HEAT symbol ☀ one at a time. If a button is pressed while the COOL symbol ❄ is displayed, the remote will be set to operate the system in cooling only mode. If a button is pressed while the HEAT symbol ☀ is displayed, the remote will be set to operate the system in heating only mode (if applicable).

⚠ NOTE: The remote will not be able to operate the system in cooling only mode if it is set to heating only mode. Also, it will not be able to operate the the system in heating only mode if set to cooling only.



To Use
See **Diagram 4**:

- Direct the remote control toward the indoor unit
- Make sure no objects are between the remote and the signal receiver.
- Select the desired function by pressing the appropriate button on the remote control.
- Do not leave the remote exposed to direct sunlight for extended periods of time.
- Keep the remote at least 1 m away from other electrical appliances, such as televisions or microwave ovens.



It is recommended to use the supplied **Remote Control Holder** for easy location and usage. The supplied holder may be mounted to a wall as shown in **Diagram 5**.

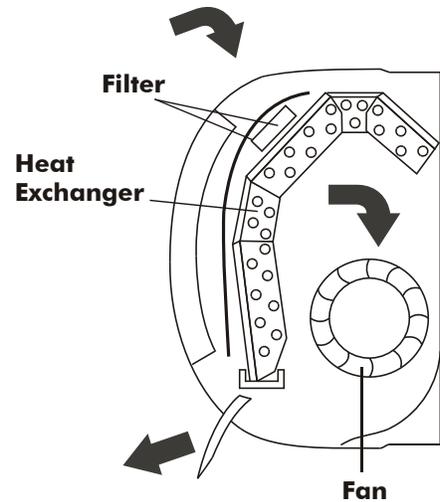
MODES OF OPERATION

This air conditioner is designed to create a comfortable climate for individuals in the affected room. All models can cool and dehumidify the air completely automatically and some models can also provide heat using either a heat pump or electric heat.

Air pulled by the fan enters through the grill of the front panel and passes through the filter, which traps dust inside. Air is then sent to the heat exchanger and is cooled, dehumidified, or re-heated by the heat exchanger.

Heat removed from the air is then sent outside.

When the cycle is finished, the fan sends the freshened air back into the room. The direction of the air outlet is regulated by the flaps, which are motorized to move up and down as well as left and right by the vertical deflectors.



'SWING' CONTROL OF AIR FLOW



- The air flow from the outlet is uniformly distributed throughout the room.
- Air can be directed in a particular way for optimum effect.

The SWING button on the remote controls the position of the flaps, causing air to be directed up or down. For best results and to guarantee even diffusion of air in the room, use the following tips:

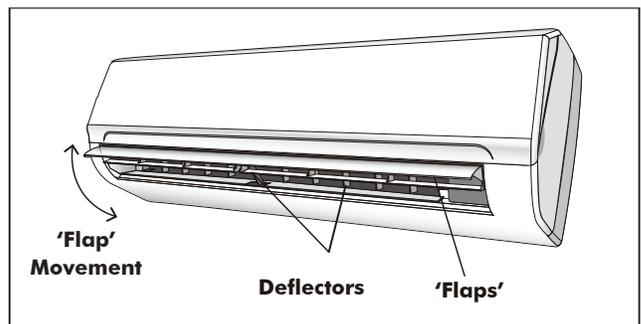
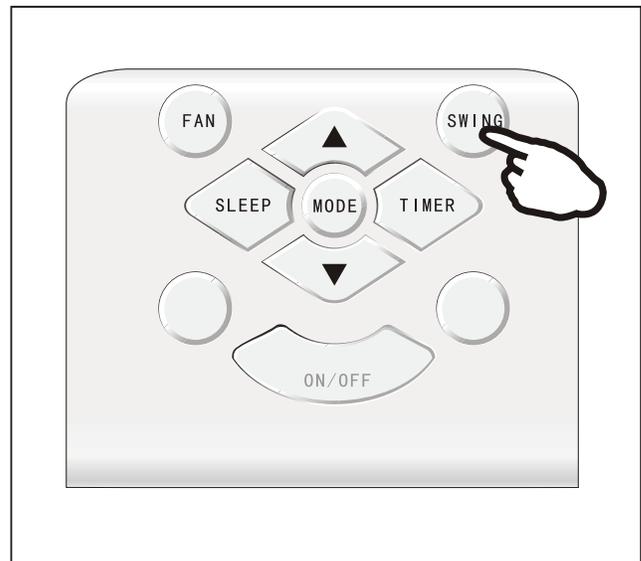
- In cooling mode, orient the flaps horizontally or slightly upward
- In heating mode (if applicable), orient the flaps downward, as warm air will always tend to rise upward.

Vertical deflectors can be positioned manually and are located under the flaps. By adjusting these, air can be directed to flow to the right or to the left.

 Manual adjustment of the deflectors must be done with the unit switched off.

CAUTION: Never position the flaps manually; the control mechanism is delicate and can be seriously damaged.

DANGER: Never insert your hand or any objects into the air outlet of the units - all units contain a fan that operates at high speed.



MODES OF OPERATION

COOLING MODE

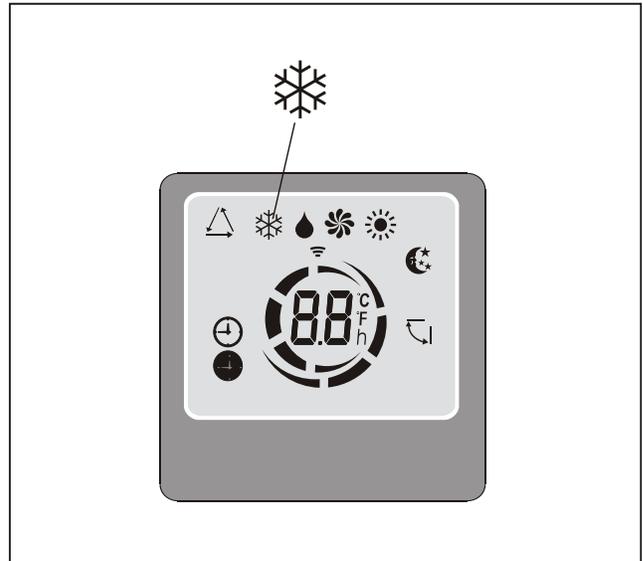


The cooling function allows the air conditioner to cool the room while dehumidifying the air at the same time.

To activate the cooling function (COOL), press the MODE button until the symbol ❄️ (COOL) appears on the LCD display.

The cooling cycle is activated by using the ▲ or ▼ keys to set the system to a temperature lower than that of the room.

To adjust the system to an optimal level, set the temperature, the speed, and the direction of air flow using the correct keys.



HEATING MODE (SELECT MODELS)

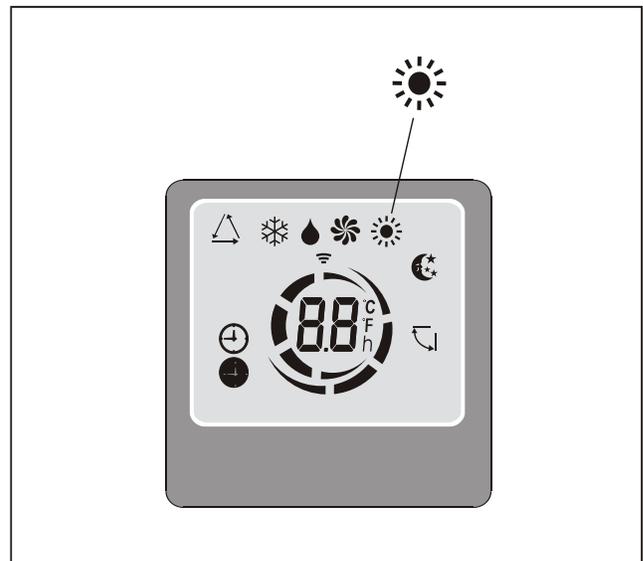


The heating function allows the air conditioner to produce hot air either through a heat pump or using electric heat.

To activate the heating function (HEAT), press the MODE button until the symbol ☀️ (HEAT) appears on the LCD display.

The heating cycle is activated by using the ▲ or ▼ keys to set the system to a temperature higher than that of the room.

To adjust the system to an optimal level, set the temperature, the speed, and the direction of air flow using the correct keys.

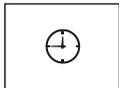


⚠️ Each unit that includes heating is fitted with a Hot Start function, which delays immediate startup of the system for several seconds so that air produced will be immediately hot.

⚠️ During heating mode, the unit can automatically activate a defrost cycle, which is essential to clear the condenser from a excess deposit of frost. The process usually lasts for 2-10 minutes and during defrosting, the fan will stop operating. After completing the defrost cycle, it will return to heating mode automatically.

MODES OF OPERATION

TIMER MODE - TIMER ON



The TIMER function allows the system to automatically switch on.

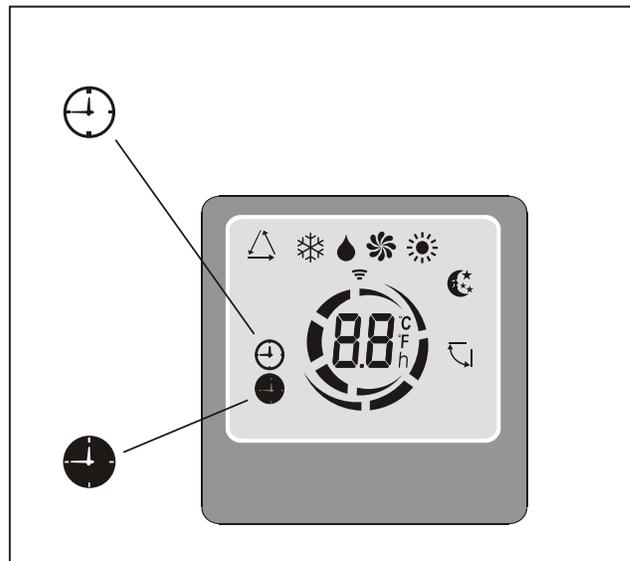
To set timed start, the system should be turned off.

Press TIMER, set the desired temperature by pressing the ▲ or ▼ buttons. Press TIMER again and set the amount of time, again using the ▲ or ▼ buttons. Press TIMER again until the display shows the amount of time entered until the programmed TIMER start. The timer is now set.

IMPORTANT NOTE: Before setting a timed start, you must choose which mode the system will begin running in. Press the MODE button to select the correct system function, press the FAN button to select the correct fan speed, then turn the system off using the ON/OFF button. You may then set a timed start using the above instructions.

To cancel a timed start that has already been entered, press the TIMER button again.

If the system is powered off, it will be necessary to reset a timed start again using the above instructions.



TIMER MODE - TIMER OFF



The TIMER function allows the system to automatically switch off as well.

To set a timed stop, the system should be turned on.

Press the TIMER button, then use the ▲ or ▼ buttons to set the amount of time desired until the system will automatically stop. As you do this, the display will show the amount of time the system can be programmed to stop after.

To cancel a timed stop that has already been entered, press the TIMER button again.

If the system loses power or is turned off, it will be necessary to reset a timed stop again using the above instructions.

 **NOTE:** Both timed starts and timed stops can only be programmed in half hour increments.

MODES OF OPERATION

FAN MODE

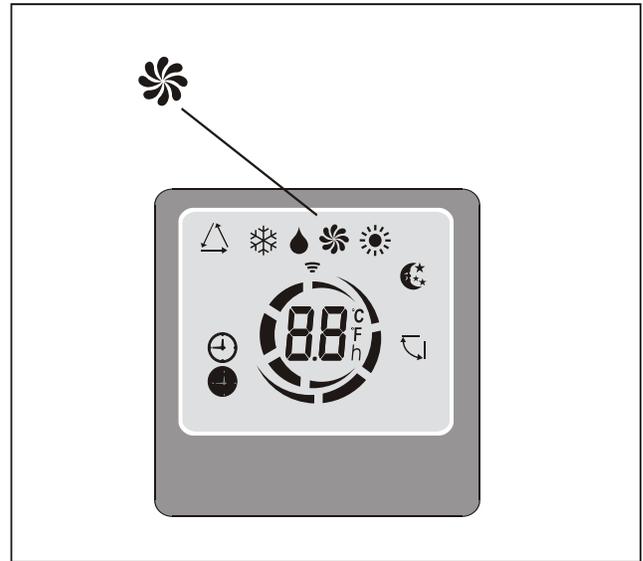


The system can be set to run in FAN mode, providing ventilation only.

To run the system in FAN mode, press the MODE button until the FAN symbol  appears on the display. Pressing the FAN button while in this mode changes the fan speed to LOW, MEDIUM, HIGH, or AUTO.

The remote control will automatically save the last fan speed setting from the previous time the system was in operation.

In FEEL mode (automatic), the air conditioner will automatically select the appropriate fan speed and mode of operation, COOL or HEAT (if available).



DRY MODE



The system can also be set to run in DRY mode, reducing the humidity of the air in the room for increased comfort.

To run the system in DRY mode, press the MODE button until the DRY symbol  appears on the display. The air conditioner will automatically cycle between cooling and fan only modes to dehumidify the air.

