

BAXI



en	DC inverter air conditioner MONO/MULTI Split with heat pump
	<i>User manual</i>
	JSGNW20/25/35/50/70
	LSGT25-S/35-S/50-S/70-S, LSGT40-2M, LSGT50-2M, LSGT60-3M, LSGT70-3M

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The appliance can be used by children aged 8 or over and by people with reduced physical, sensory or mental faculties, or who do not have the required experience or knowledge, provided they are supervised or have received instructions on using the appliance safely and understanding its intrinsic hazards. Children must not play with the appliance. The cleaning and maintenance operations reserved to the user must not be performed by unsupervised children.

1. SAFETY PRECAUTIONS

1.1 WARNINGS FOR USERS

- The split air conditioner is only designed for climate control in indoor environments with surface areas and conditions of use appropriate for the installed capacity. Never use it for other purposes.
- The air conditioner is designed to be used by experts or trained persons in shops, industries or on farms, or by normal users for commercial use.
- Check that the accessories are included in the indoor unit.
- The air conditioner may only be installed, plumbed in and wired by persons who meet the technical and professional requirements to install and maintain such systems.
- Ensure that the appliances are not accessible by disabled persons or children
- This type of indoor unit does not use an electric heater. You cannot install an electric heater or an electric stove at the installation site.
- Do not place objects of any kind inside the indoor unit.
- Do not remove the protective grilles or insert hands or objects into the sockets or where the air comes through.
- Do not block the entrances to the air inlets and outlets. Doing so will significantly reduce the heating and cooling capacity.
- Do not place objects on the outdoor unit or climb over it.
- Periodically check the conditions of installation of the unit. Have the system checked by qualified personnel.
- Do not remove the power cable while the unit is running or with wet hands. Doing so risks electric shocks and fires.
- In the event that the power cable is damaged, it must be replaced. Use a type of cable featured in the manual only. The cable must be replaced by trained, qualified personnel only.
- Do not pull, stretch or deform the power cable in any way. Doing so may damage the unit or cause an electric shock.
- After switching on the air conditioner, do not switch it off for at least 5 minutes. This prevents oil from returning to the compressor.
- Do not use liquid detergents or corrosive products to clean the air conditioner. These may cause damage or electric shocks.
- Do not use any sprays or insecticides on the units. Doing so could result in a fire.
- Do not modify the units. Do not attempt to repair the units yourself. Any incorrect or unsuitable intervention may result in fires, electric shocks or leakage of water or refrigerant.

- Do not drop the remote control. Do not use sharp objects to press the buttons. Doing so could damage the remote control.
- Close doors and windows while the air conditioner is running. Otherwise it is impossible to achieve effective temperature control.
- Adjust the temperature properly to achieve a comfortable environment. Make sure the temperature in the environment is appropriate, especially in the presence of bedridden elderly persons, children or disabled persons.

- In cooling mode, the selected temperature should not be more than 5 °C lower than the outdoor temperature. This optimises both wellbeing and energy savings.
- In heating mode, select a temperature that is not too high.
- Do not direct the jet of air directly onto people. Avoid heating or cooling the air excessively. Doing so could result in serious health problems.
- Do not direct the jet of air directly onto animals or plants.
- Only use the remote control to direct the flow of air. Do not force the direction of the fins using your hands.
- Do not place objects under the indoor unit as they could get wet if humidity exceeds 80% or if the condensation drain gets blocked.
- If you are not using the air conditioner for an extended period of time, it is best to turn off the power switch. In fact if this switch is turned on, it uses electricity even if the system is not running.
- Use the omnipolar switch or plug to switch off the air conditioner and disconnect power in the event of air conditioner malfunctioning. If the problem persists, contact your local assistance service.
- Ensure the environment is aired frequently, especially if there are multiple people or gas appliances in the place where the air conditioner is installed.
- Under no circumstances use the air conditioner to cool food or dry clothes.
- Do not turn the air conditioner on or off using the power switch or plug.
- Clean the air filters every two weeks.

1.2. WEEE WARNINGS

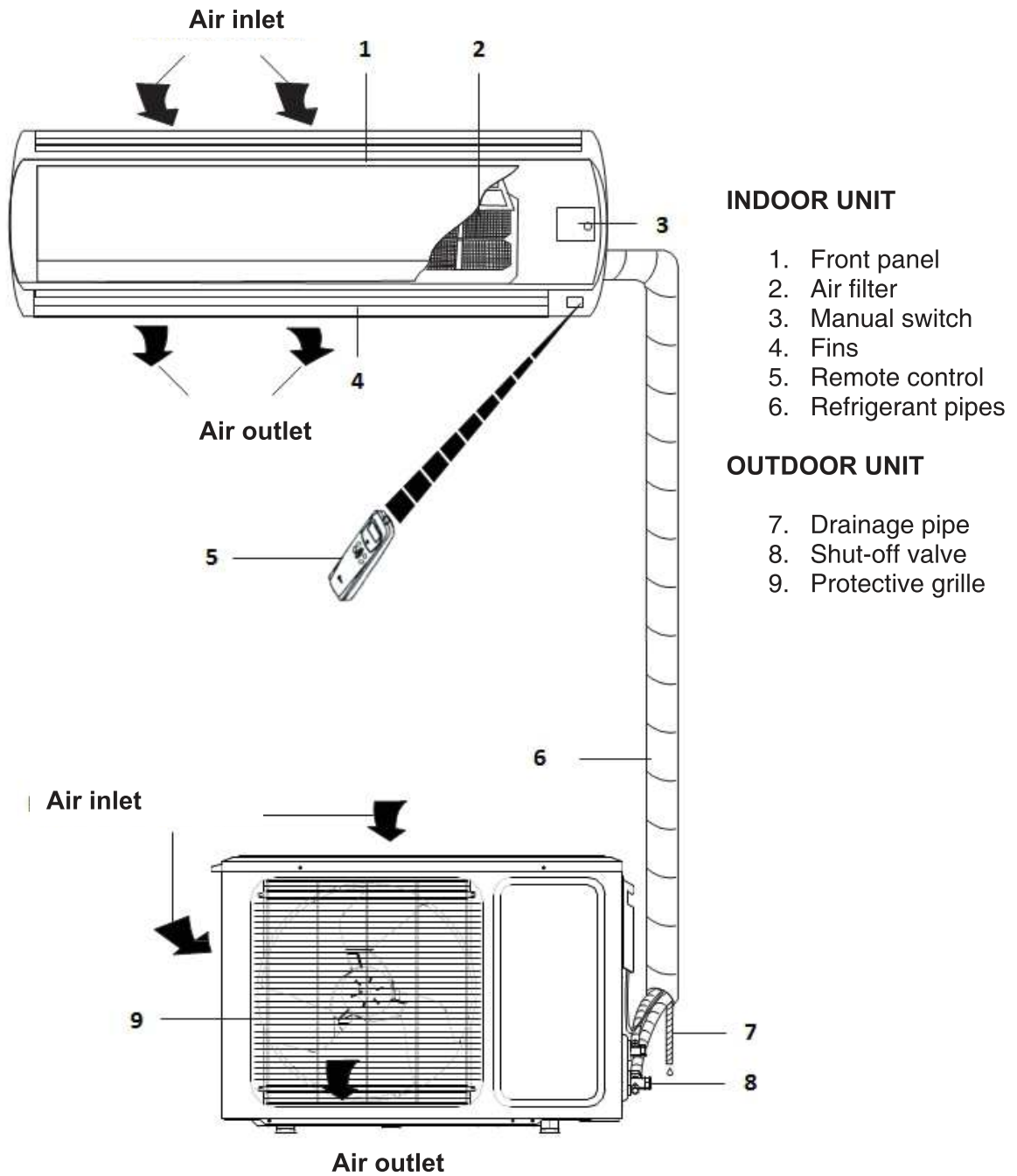
- Do not dispose of electronic equipment as household waste. Use proper disposal facilities.
- Contact your local council for more information about the collection systems available.
- If electrical appliances are disposed of in landfills, hazardous substances can leak out, contaminate water and reach the food chain, affecting our health and wellbeing.
- When old appliances are replaced by new ones, the retailer is legally obliged to take back your old appliance for disposal free of charge.



2. GENERAL CHARACTERISTICS

- Air conditioner with heat pump mode.
- ULTRA DC inverter compressor for greater energy efficiency and more reliable and stable operation.
- Microprocessor control.
- R410A refrigerant gas.
- Indoor unit equipped with 5-speed fan:
3 speeds directly selectable plus “TURBO” and “SILENCE” options obtained by pressing the button for the respective optional feature.
- Infrared remote control and backlit LCD to control all functions.
- The indoor unit of the air conditioner is equipped with an “Invisible display” showing the set room temperature.
- It is equipped with all the functions:
 - TURBO
 - SILENCE (quiet fan speed)
 - SLEEP (night mode)
 - iCLEAN (self-cleaning)
 - Anti-FUNGUS
 - TIMER
 - ECO
 - iFeel
 - iFavor

3. DESCRIPTION OF SYSTEM COMPONENTS



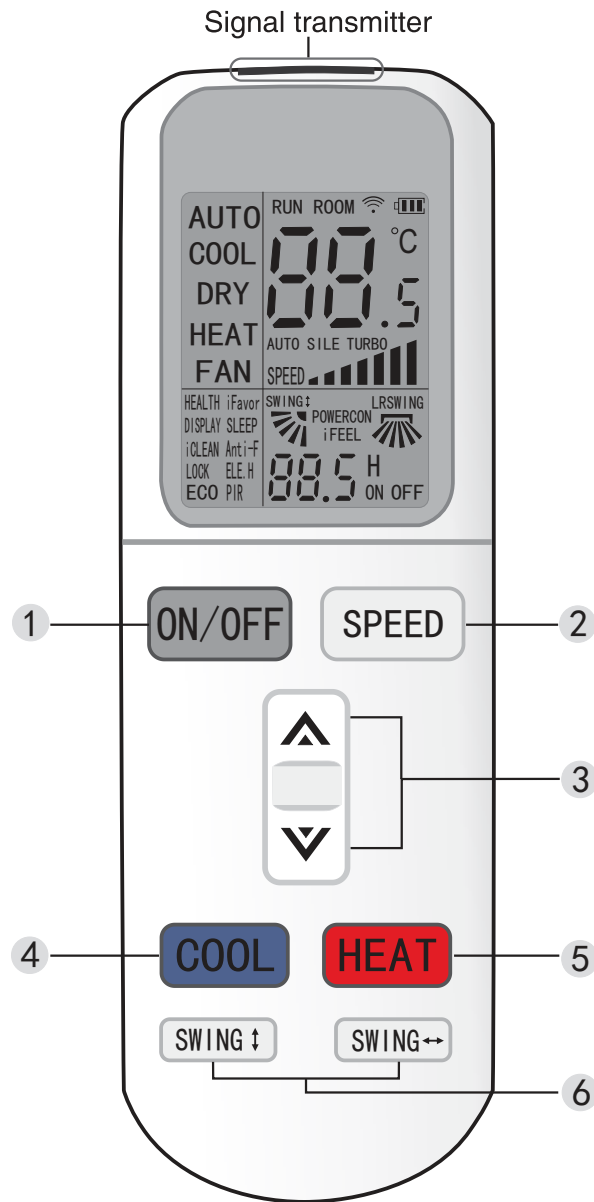
4. OPERATION

4.1. OPERATION USING THE REMOTE CONTROL

IMPORTANT INFORMATION

- Point the remote control at the air conditioner indoor unit receiver.
 - The remote control must be less than 8 metres away from the receiver.
 - There must be no obstacles between the remote control and the indoor unit receiver.
 - Do not throw or drop the remote control.
 - Do not expose the remote control to direct sunlight or place it close to heating appliances or other sources of heat.
 - Use alkaline and not rechargeable batteries.
 - Remove the batteries from the remote control if you are not intending to use it for an extended period of time.
 - When there is no signal transmission to the indoor unit (accompanied by a beep) or if the transmission symbol does not appear on the remote control LCD, the batteries must be replaced.
 - If pressing the remote control buttons results in a reset, the batteries must be replaced.
 - The batteries should be disposed of properly, in compliance with local regulations.
- ❖ N.B.
- The images refer to the remote control in general and show almost all the buttons of the different functions available. These buttons may be slightly different (depending on the model).
 - The following images refer to when the batteries have been inserted for the first time or have just been replaced. In normal mode, only the symbols in use are displayed on the remote control LCD.

DESCRIPTION OF THE BUTTONS
REMOTE CONTROL FOR OUTDOOR UNIT



1. ON/OFF BUTTON



Press this button to turn the unit ON or OFF. It can also be used to deactivate the TIMER and/or switch on the night mode (SLEEP).

2. “SPEED” button

Press this button to change the fan speed:



3. “” and “” buttons

When you press , the room temperature set will increase by 0.5 °C. When you press , the temperature will drop by 0.5 °C.

The temperature setting can be changed quickly by holding down the button. The temperature range is between 16 °C and 32 °C.


4. “COOL” button

Press the COOL button to set the cooling operating mode.

5. “HEAT” button

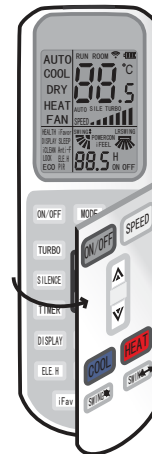
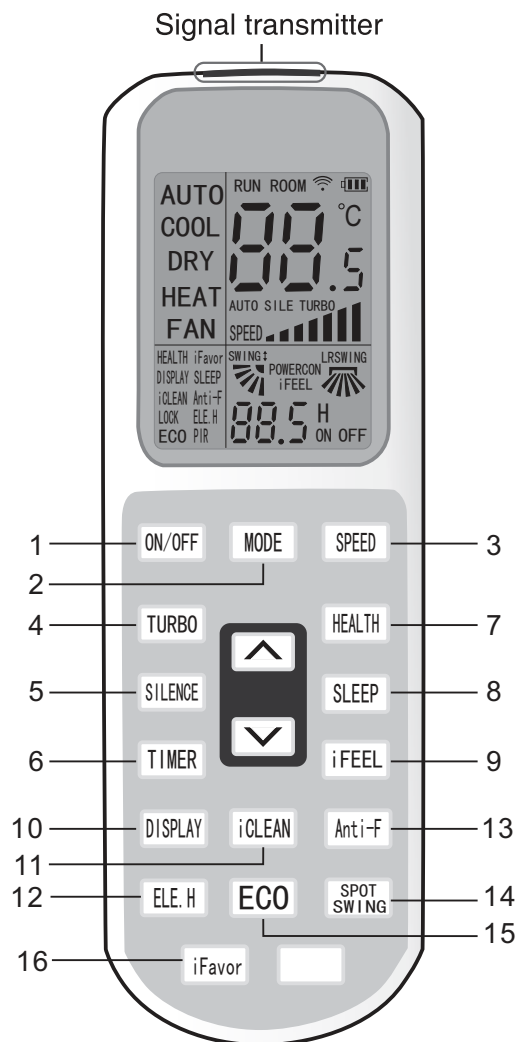
Press the HEAT button to set the heating operating mode.

6. “SWING” button (SWING  and SWING )

- The “SWING ” button is only available on models that can swing to the left/right.
- Press this button to make the fins oscillate up/down (left/right), changing the direction of airflow.
- The up/down (left/right) setting of the horizontal and vertical fins is only valid in this mode and does not affect the position of the fins in other modes.
- The up/down (left/right) feature has a memory. The chosen setting remains memorised when the unit is turned off or when the operating mode is changed.

REMOTE CONTROL FOR INDOOR UNIT

Internal remote control keypad



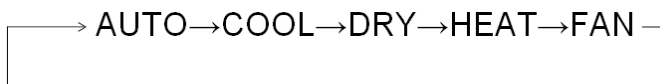
Open from left to right

1. ON/OFF BUTTON

Press this button to turn the unit ON or OFF. It can **also** be used to deactivate the TIMER and/or switch on the night mode (SLEEP).

2. "MODE" button

By pressing this button, the operating mode will change as follows:



3. "SPEED" button

Press this button to change the fan speed:



4. “TURBO” button

- Pressing this button will turn the “TURBO” function on or off (the “TURBO” symbol will appear or disappear) in either cooling (COOL) mode or heating (HEAT) mode.
- This function forces the unit to run at full capacity, giving priority to reaching the setpoint quickly rather than ensuring efficient operation.
- After changing the batteries, this function will turn off automatically.
- This function cannot be set during automatic operation (AUTO), in dehumidification mode (DRY) or in fan mode (FAN). In these cases, therefore, the “TURBO” symbol will not appear on the LCD.

5. “SILENCE” button

The silence function can be turned on or off by pressing this button (the “SILENCE” symbol will appear/disappear). This function allows you to select an ultra-quiet speed. After changing the batteries, this function will turn off automatically.

6. “TIMER” button

Adjusting the on timer:

1. With the remote control “OFF”, press the “TIMER” button. The word “ON” appears on the display together with the timer, which can be adjusted in a range from 0.5 to 24 h.
2. To adjust the timer, press the “▲” or “▼” buttons. Each time they are pressed, the time increases or decreases by 0.5 h for the first 10 hours. After the first ten hours, each time you press either button, the time changes by 1 hour.
3. Pressing the “TIMER” button again activates the on timer.
4. You can activate other functions to regulate the air conditioning when the timer is activated (mode, temperature, oscillations of the fins, fan speed etc.). The remote control display shows all the settings and saves them. When the timer reaches the set time, the air conditioner starts to operate according to the settings in place.

Adjusting the off timer:

- 1 With the remote control “ON”, press the “TIMER” button. The word “OFF” appears on the display together with the timer, which can be adjusted in a range from 0.5 to 24 h.
- 2 To adjust the timer, press the “▲” or “▼” buttons. Each time they are pressed, the time increases or decreases by 0.5 h for the first 10 hours. After the first ten hours, each time you press either button, the time changes by 1 hour.
- 3 Pressing the “TIMER” button again activates the off timer.

7. “HEALTH” button

Pressing this button activates the “HEALTH” function.

8. “SLEEP” button

When you press the “SLEEP” button, the night mode indicator on the indoor unit flashes.

- When night mode (SLEEP) is activated, the cooling mode automatically increases the set temperature by 1 °C after 1 hour and another 1 °C after another hour.
- When night mode (SLEEP) is activated, the heating mode automatically decreases the set temperature by 2 °C after 1 hour and another 2 °C after

another hour.

- The air conditioner works in night mode (SLEEP) for 7 hours and stops automatically.
- N.B. If you press the “MODE” or “ON/OFF” buttons, the remote control turns night mode (SLEEP) off.

9. “iFEEL” button

Pressing this button activates the “iFEEL” function. When this function is enabled, the remote control display shows the current room temperature. If it is not activated, the remote control display shows the set temperature. This function is incompatible with fan mode (FAN).

10. “DISPLAY” button

Press this button to turn the indoor unit display on/off.

11. “iCLEAN” button

- With the remote control “OFF”, press the “iCLEAN” (self-cleaning) button. The fins that guide the flow of air go back to their initial position in cooling mode and the unit activates the “iCLEAN” function for a maximum of 35 minutes. The aim of this function is to remove the dust from the evaporator and dry the water contained in it, so as to prevent the formation of mould and consequent bad smells.
- After activating the “iCLEAN” function, pressing the “iCLEAN” or “ON/OFF” buttons cancels the function and reactivates the air conditioning.
- If you do not perform any operation, the self-cleaning function remains active for a maximum of 35 minutes.

N.B. The “iCLEAN” function can be activated simultaneously with the on timer. In this case, the on timer starts after the end of the “iCLEAN” function.

12. “ELE.H” button

(Only for heat pumps with additional electrical supply).

In heating mode, pressing this button will change the operating mode, using the additional electrical supply.

13. “Anti-FUNGUS” button

- Pressing this button turns the “Anti-FUNGUS” function on or off.
- This function can be activated with the remote control when the unit is in cooling, dehumidification and automatic (cooling and dehumidification) mode.
- The fins that guide the flow of air go back to their initial position in cooling mode. If the air conditioner is in heating mode, the indoor unit fan runs for three minutes at low speed before stopping.
- The purpose of this function is to dry the heat exchanger in the indoor unit, and thus prevent condensation which can cause mould and bad smells.

N.B.

- a. This function is not factory-set. You can turn it on or off as you wish. To activate it, follow these steps: with the air conditioner and the remote control set to “OFF”, point the remote control at the indoor unit and hold down the “Anti-FUNGUS” button. The unit emits two series of five beeps to indicate that the function is ready. Once this function has been enabled, unless you turn off the air conditioner completely or turn off the function manually, the air conditioning keeps this default function.
- b. To turn off this function, follow these steps:
Completely shut down the air conditioner. With the air conditioner and the remote control set to “OFF”, point the remote control at the indoor unit and hold down the “Anti-FUNGUS” button. The unit will first emit five beeps, then three, indicating that the function has been disabled.
- c. If the function is activated, it is advisable not to turn the air conditioner back on before the function has completely finished.
- d. This function is not activated when the timer is activated or in night mode (SLEEP).

14. “SPOT SWING” button

When this button is pressed, the horizontal fins start to swing automatically. When the fins reach the desired position, press the button again so they are fixed in the selected position.

15. “ECO” button

In cooling mode (COOL), pressing the “ECO” button turns this function on or off.

When the “ECO” function is on, the air conditioner gives priority to efficient operation resulting in reduced power consumption.

After 8 hours, this function is turned off automatically. The function can be turned on again by pressing the “ECO” button.

16. “iFavor” button

The “iFavor” button on the remote control is a shortcut button. Users can store their preferences regarding operating mode, fan speed, temperature setting and fin tilt. Whatever the current parameters, pressing this button will restore the previously saved settings.

Press and hold the “iFavor” button for three seconds until the “iFavor” symbol appears on the remote control display and flashes three times. This shows that current settings have been saved. Whichever way you choose to change the operating status, when you press the “iFavor”, the saved settings are restored.

OPERATION

CHANGING THE BATTERIES



1. Open the sliding cover in the direction of the arrow.
2. Insert two new batteries (AAA), observing the polarity (+/-).
3. Replace the cover.

AUTOMATIC OPERATING MODE

1. When the "ON/OFF" button is pressed, the air conditioner starts running.
2. Press the "MODE" button and select automatic mode.
3. Press the SPEED button to adjust the fan speed. You can select LOW, MID, HIGH and AUTO speeds.
4. If you press the button again, the air conditioner stops.

COOLING AND HEATING OPERATING MODES

1. When the "ON/OFF" button is pressed, the air conditioner starts running.
2. Press the "MODE" button and select cooling or heating mode.
3. Press the "▲" and "▼" buttons to adjust the temperature. Each press increases or decreases the temperature by 1 °C in a range from 16 to 32 °C.
4. Press the SPEED button to adjust the fan speed. You can select LOW, MID, HIGH and AUTO speeds.
5. If you press the button again, the air conditioner stops.

FAN MODE

1. When the "ON/OFF" button is pressed, the air conditioner starts running.
2. Press the "MODE" button and select fan mode.
3. Press the SPEED button to adjust the fan speed. You can select LOW, MID and HIGH speeds.
4. If you press the button again, the air conditioner stops.
5. N.B. in circulation mode, adjusting the temperature makes no difference

DEHUMIDIFICATION MODE

1. When the "ON/OFF" button is pressed, the air conditioner starts running.
2. Press the "MODE" button and select dehumidification (DRY) mode.
3. Press the "▲" and "▼" buttons to adjust the temperature. Each press increases or decreases the temperature by 1 °C in a range from 16 to 32 °C.
4. Press the SPEED button to adjust the fan speed. You can select LOW, MID, HIGH and AUTO speeds.
5. If you press the button again, the air conditioner stops.

N.B.

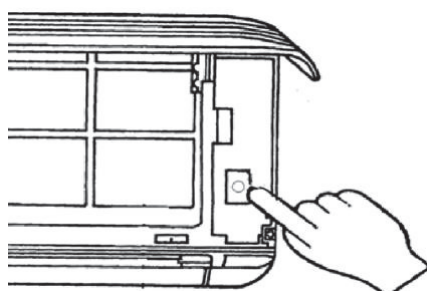
This manual describes the functions of all the remote controls. If nothing happens when you press a button, this is because the appliance does not feature this function.

4.2. MANUAL OPERATION

If you cannot find the remote control or if it is not working, you can proceed as follows:

MANUAL POWER-ON/OFF

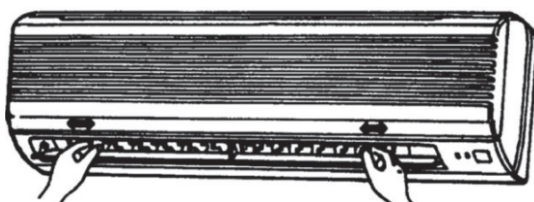
- If the unit is on, you can press the Auto button to turn the air conditioner off.
- If the unit is off, you can press the Auto button to turn the air conditioner on.



ADJUSTING THE FINS BY HAND

ADJUSTING THE HORIZONTAL AIRFLOW BY HAND

In the event of remote control malfunctioning, use your hands to move the vertical fins and thus vary the horizontal airflow.



❖ **N.B.**

- Adjust the direction of the horizontal airflow before turning on the air conditioner. Do not put your fingers into the air inlet or outlet while the air conditioner is running.

ADJUSTING THE VERTICAL AIRFLOW (HIGH/LOW) BY HAND

In the event of remote control malfunctioning, use your hands to move the vertical fins and thus vary the vertical airflow.

❖ **N.B.**

- You can use your hands if you cannot use the remote control for any reason, however please be aware that adjusting the horizontal fins by hand may lead to problems with the air conditioner.
- When the air conditioner is off, the horizontal fins block the indoor unit air outlet.

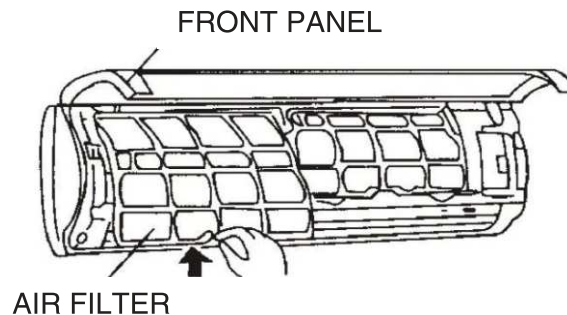
5. CLEANING AND MAINTENANCE

5.1. CLEANING AND MAINTENANCE OF THE INDOOR UNIT

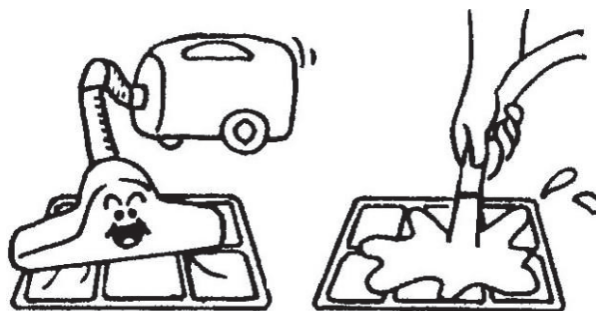
- a) Turn off the air conditioner and unplug the power cable.
 - b) Clean the outdoor unit using cloths that are dry or dampened with warm water.
- ❖ N.B.
- Do not use water at a temperature of over 45 °C to wash the panel because this could cause it to lose its shape or colour.
 - Do not use fine powders, chemical detergents or solvents to clean the exterior.
 - Do not use liquid detergents or corrosive products and do not spray inside the unit to prevent damage to plastic components and electric shocks.

5.2. CLEANING AND MAINTENANCE OF THE AIR FILTER

- a) Lift up the front panel on the indoor unit until it locks, then unlock the air filter and remove it.



- b) Use a vacuum cleaner or running water to clean the filter. Then dry it.



- c) Replace the air filter in the indoor unit, making sure it is securely fastened, then close the panel.

7. TROUBLESHOOTING

If a fault occurs, check the following points before requesting assistance.

CONDITION	PROBLEM
The air conditioner will not turn on	<ul style="list-style-type: none"> • Has there been a power failure? • Are there any connection problems? • Is the electrical voltage below 90% or above 110% of the rated voltage? • Have any fuses blown? • Have you waited long enough before turning on the air?
The remote control does not work	<ul style="list-style-type: none"> • Is the remote control more than 8 metres from the receiver? • Are the batteries charged? • Are there any obstacles between the remote control and the receiver in the indoor unit?
The air conditioner is not cooling/heating well	<ul style="list-style-type: none"> • Is the set temperature suitable? • Is the air inlet blocked? • Is the air filter dirty? • Is the internal fan speed too low? • Are there other sources of heat in the house? • Are any windows or doors open?
The indoor unit starts with a delay when the air conditioner is turned on	<ul style="list-style-type: none"> • Once the air conditioner has been turned off, it will not run back on for about 3 minutes in order for cooling cycle balancing to take place.
Unusual odours can be smelled when the unit starts operation	<ul style="list-style-type: none"> • The air conditioner has accumulated essences from the environment (smoke, construction materials, furniture...)
During cooling, noises similar to running water can be heard	<ul style="list-style-type: none"> • This is due to the flow of refrigerant inside the indoor unit

<p>During cooling, white steam comes out of the indoor unit</p>	<ul style="list-style-type: none"> • This is normal when there is a high temperature difference between the indoor unit and the air in the room
<p>During heating, white steam comes out of the indoor unit</p>	<ul style="list-style-type: none"> • This is normal when moisture is created during the defrosting process.
<p>Noise is heard during operation</p>	<ul style="list-style-type: none"> • A slight whistling may be caused by the refrigerant flowing. • A crunching noise may be due to the deformation of the plastic caused by the temperature.

If the problem persists even after these checks, or if you detect a burning smell, stop operation immediately, turn off the electrical circuit and consult authorised service personnel.

Our company declares that these products feature the CE marking in accordance with the essential requirements of the following directives:

- 2014/35/UE – Low Voltage Directive
- 2014/30/UE – Electromagnetic Compatibility Directive
- 2009/125/CE – ErP Directive
- 2017/1369 – Energy Labelling Regulation
- 2012/206 – Ecodesign Regulation
- 2011/626 – Energy Labelling Regulation
- 2011/65/UE – RoHS2 Hazardous Substances Directive



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