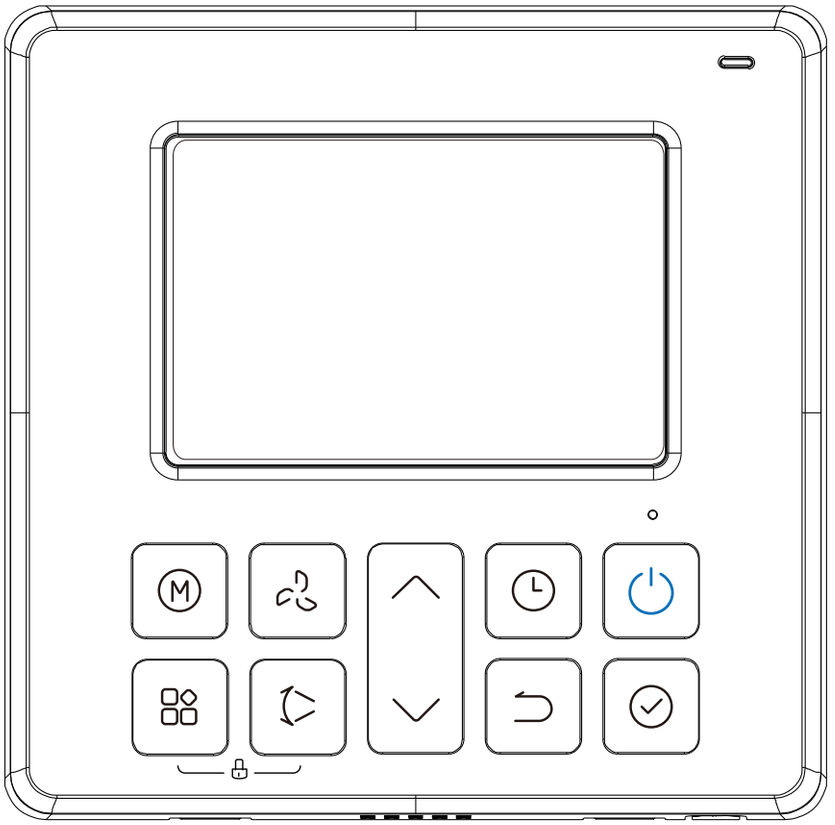
Wired Remote Controller

KSACN1201AAA

For Use With Ductless Systems

Owner's Manual

NOTE: In order to properly service the wired controller, read this manual carefully prior to operating the unit. Keep this manual after reading for future reference.



NOTE: Images are for illustration purposes only. Actual models may differ slightly.

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SAFETY CONSIDERATIONS

Installing, starting up, and servicing air-conditioning equipment can be hazardous due to system pressures, electrical components, and equipment location (roofs, elevated structures, etc.). Only trained, qualified installers and service mechanics should install, start-up, and service this equipment. Untrained personnel can perform basic maintenance functions such as cleaning coils.

When working on the equipment, observe precautions in the literature and on tags, stickers, and labels attached to the equipment.

Follow all safety codes. Wear safety glasses and work gloves. Keep a quenching cloth and fire extinguisher nearby when brazing. Use care in handling, rigging, and setting bulky equipment.

Read these instructions thoroughly and follow all warnings or cautions included in the literature and attached to the unit. Consult the local building codes and National Electrical Code (NEC) for special requirements. Recognize safety information.

This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury. Understand these signal words: **DANGER**, **WARNING**, and **CAUTION**. These words are used with the safety-alert symbol.

DANGER identifies the most serious hazards which will result in severe personal injury or death.

WARNING signifies hazards which could result in personal injury or death. **CAUTION** is used to identify unsafe practices which may result in minor personal injury or product and property damage.

NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death.

Before beginning any modification or installation of this kit, ensure the main electrical disconnect is in the **OFF** position. Ensure power is disconnected to the fan coil unit.

CAUTION

EQUIPMENT DAMAGE HAZARD

Failure to follow this caution may result in equipment damage or improper operation.

Do not install the wired controller in an area subjected to excessive steam, oil or sulfide gas. Doing so may damage the controller and/or cause it to fail.

BATTERY INSTALLATION

BATTERY WARNING

KEEP OUT OF REACH OF CHILDREN.
Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.



WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours.**
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN.**
- **Seek immediate medical attention if a battery** is suspected to be swallowed or inserted inside any part of the body.





BATTERY WARNING



WARNING: Contains coin battery.

⚠ WARNING | **INGESTION HAZARD:** This product contains a button cell or coin battery.

- **BATTERY WARNING: KEEP OUT OF REACH OF CHILDREN;**
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children;
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

Battery Installation Method

WARNING

Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. **DO NOT** dispose of batteries in the household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison control center for treatment information. Non-rechargeable batteries are not to be recharged. **DO NOT** force discharge, recharge, disassemble, heat above 36°F - 126°F (-20°C-70 °C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns. Ensure the batteries are installed correctly according to polarity (+ and -). **DO NOT** mix old and new batteries, different brands or types of batteries such as alkaline, carbon-zinc, or rechargeable batteries. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.

Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. **DO NOT** dispose of batteries in the household trash or incinerate. Even used batteries may cause severe injury or death. Call a local poison control center for treatment information. Non-rechargeable batteries are not to be recharged. **DO NOT** force discharge, recharge, disassemble, heat above 36°F - 126°F (-20°C-70 °C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns. Ensure the batteries are installed correctly according to polarity (+ and -). **DO NOT** mix old and new batteries, different brands or types of batteries such as alkaline, carbon-zinc, or rechargeable batteries. Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.

- Completely secure the battery compartment. If the compartment does not close securely, stop using the product, remove the batteries and keep them away from children.

  Battery type: CR2032
  Battery Power Supply: 3.0V

  a. Put the battery in the installation site. Ensure the positive side of the battery is in accordance with the positive side of installation site (see Fig. 1).

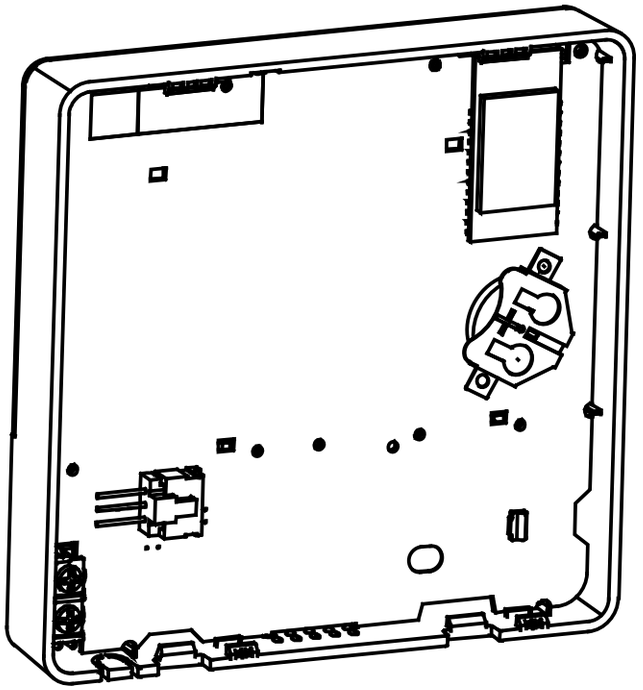


Fig. 1 —Battery Location

  b. Set the time corrected on the first time operation. Batteries in the wired controller can timeout during a power failure which ensures the time is accurate. When the power restores, if the time displayed is not accurate, the battery is dead and must be replaced.

BUTTON IDENTIFICATION ON WIRED CONTROLLER

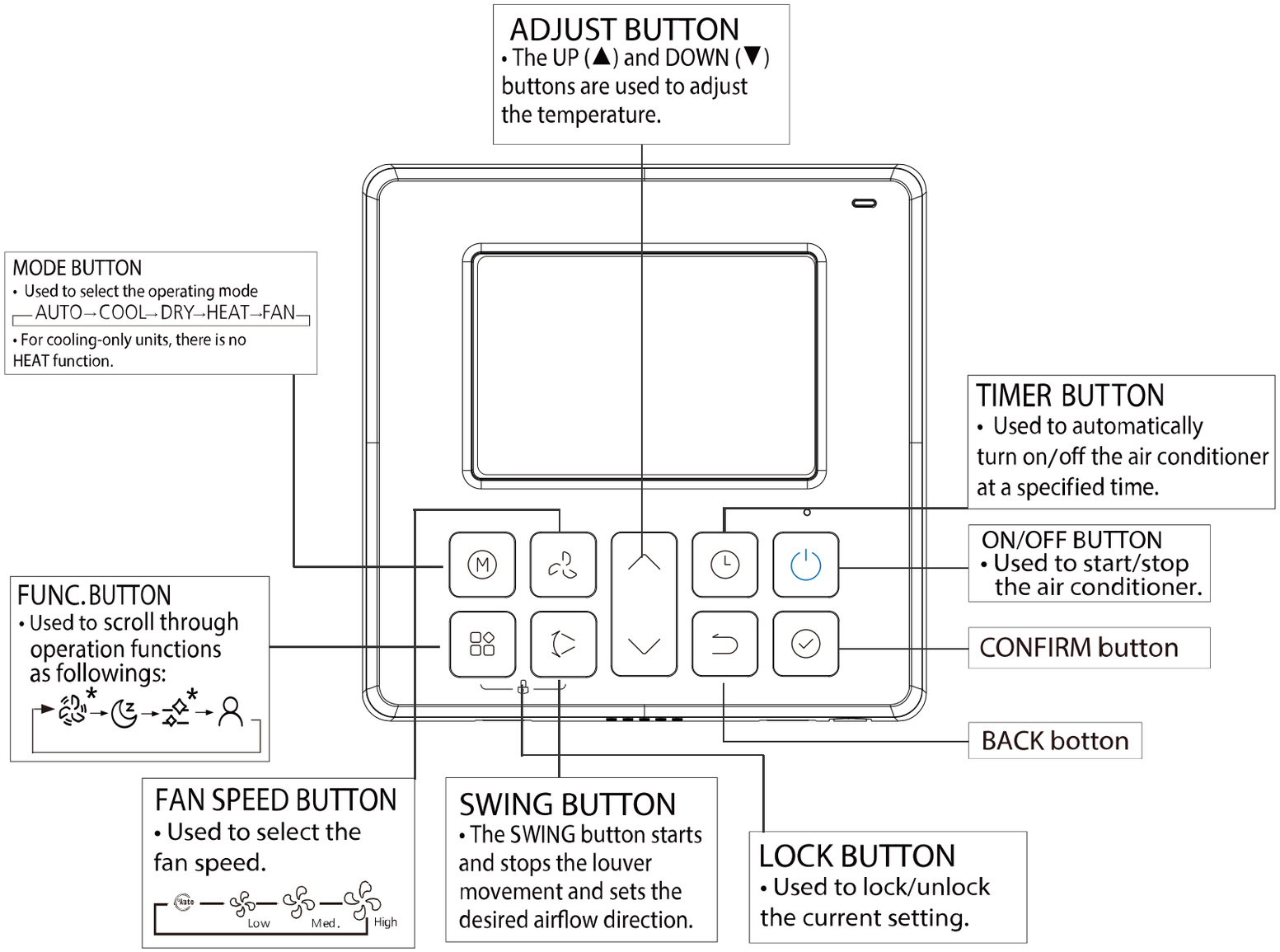


Fig. 2 – Name of Buttons on Wired Controller

DO NOT remove the cover or touch the interior parts of the controller.

DO NOT use sharp or pointed objects to press the controller buttons.

LCD IDENTIFICATION ON WIRED CONTROLLER

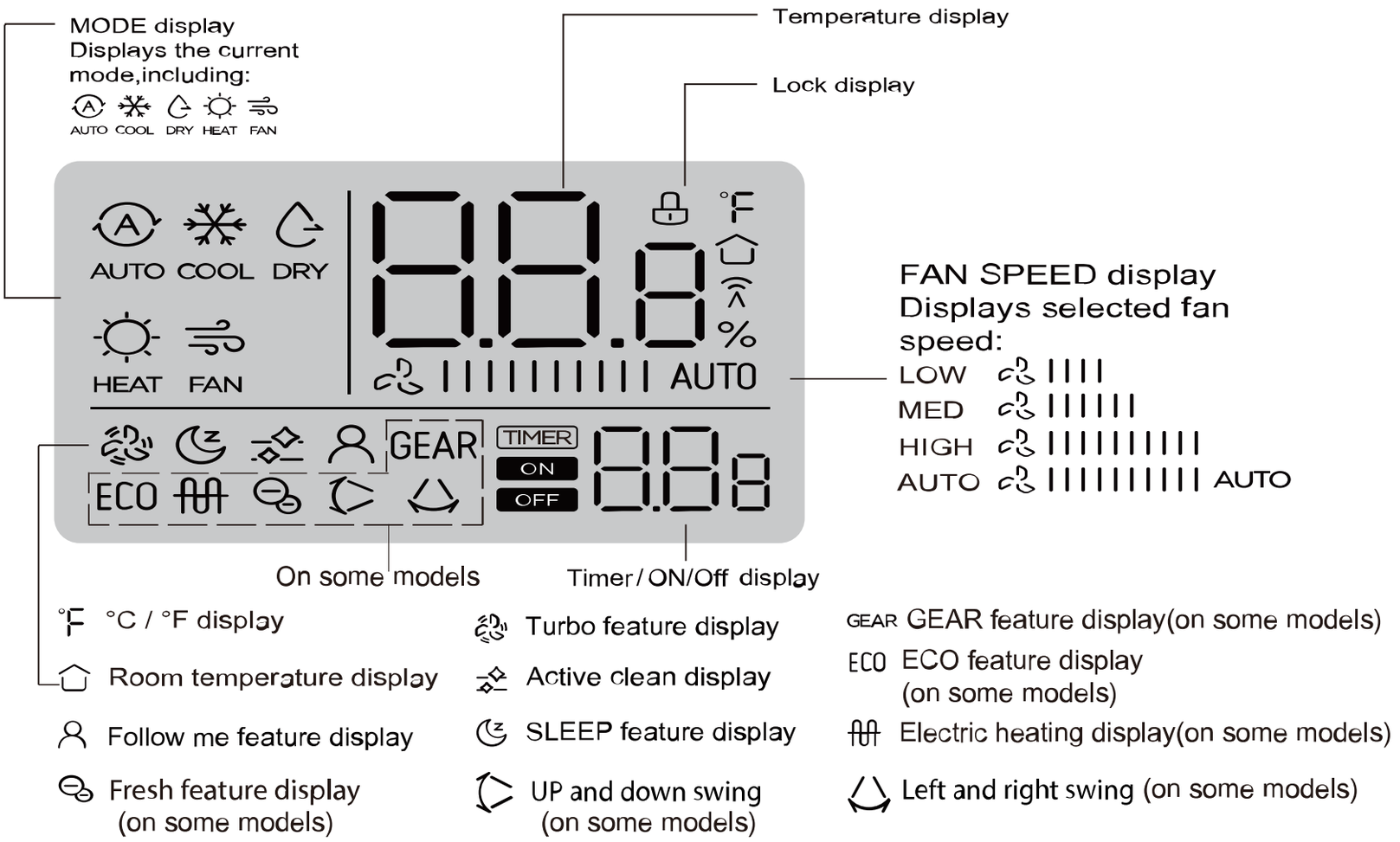


Fig. 3 – Name on LCD of Wired Controller

BASIC FUNCTIONS

The following are instructions for using your air conditioner’s basic functions:

AUTO Function

In AUTO mode, the unit will automatically select the COOL, HEAT, FAN, or DRY function based on the set temperature.

1. Press the MODE button, select AUTO
2. Set your desired temperature using the Up and DOWN buttons. (In AUTO mode, fan speed cannot be set.)
3. Press the ON/OFF button to start the unit.

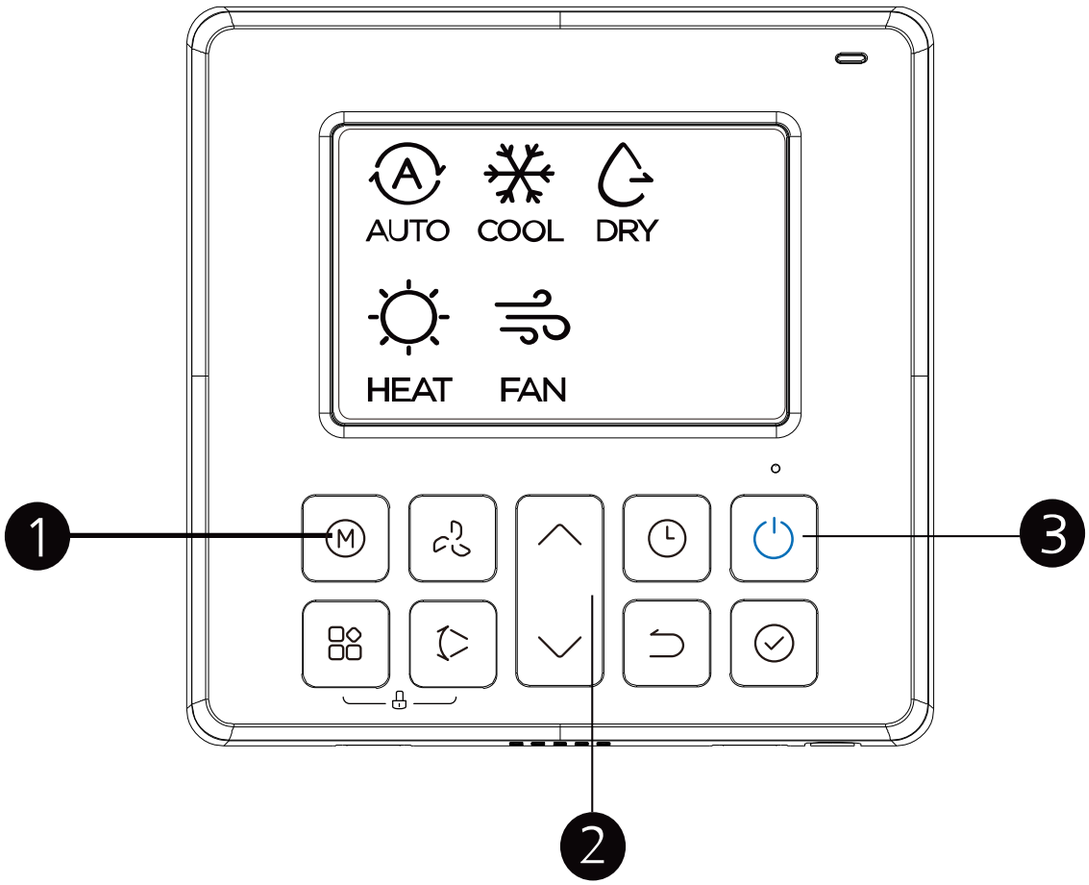


Fig. 4 – Auto Function

COOL/HEAT/FAN Function

1. Press the MODE button to select COOL, HEAT or FAN
2. Set the desired temperature using the UP and Down buttons.
3. Press the FAN SPEED button to select the fan speed.
4. Press the ON/OFF button to start the unit.

NOTE: In FAN mode, the temperature cannot be changed.

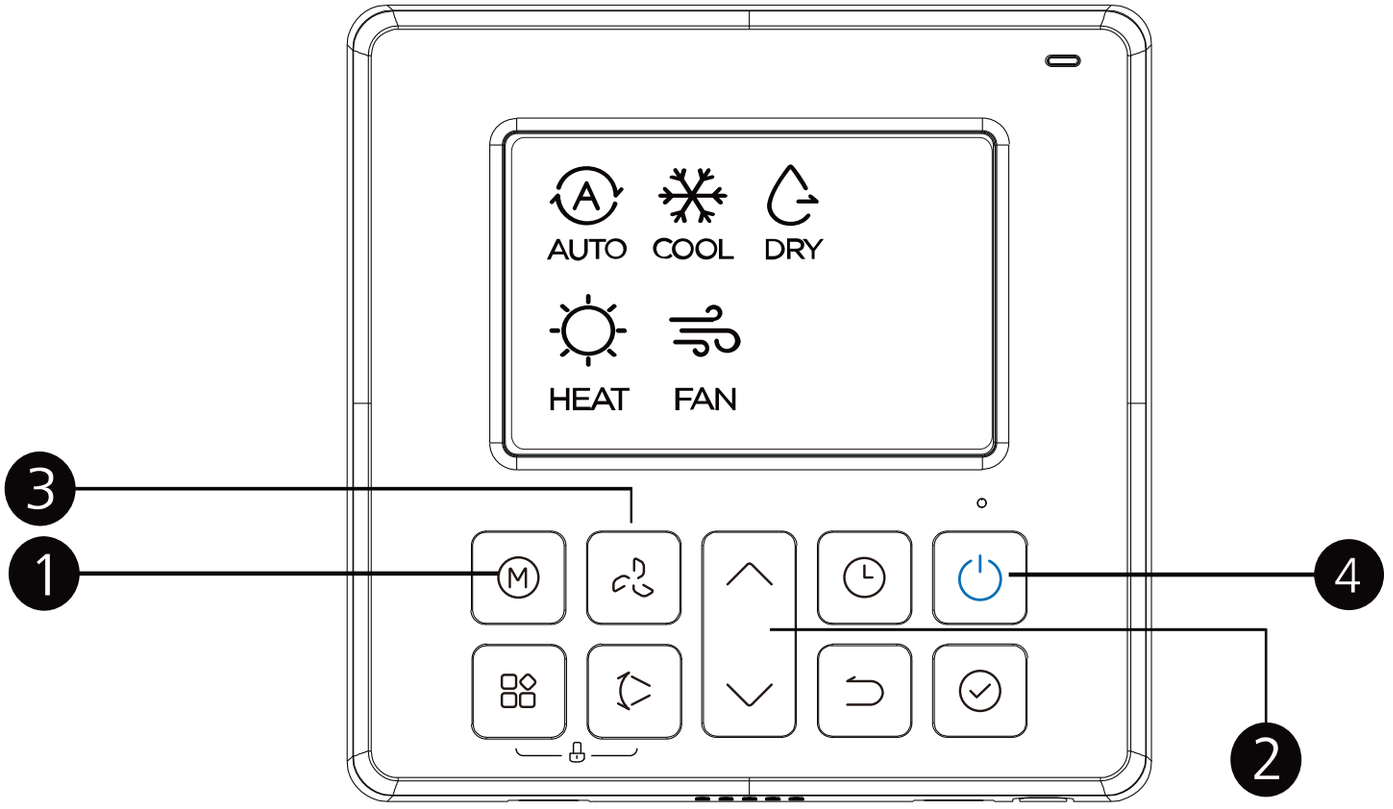


Fig. 5 – COOL/HEAT/FAN Function

DRY Function

1. Press the MODE button, select DRY
2. Set your desired temperature using the UP and DOWN buttons.
3. Press the ON/OFF button to start the unit.

NOTE: In DRY mode, the FAN SPEED buttons cannot be used.

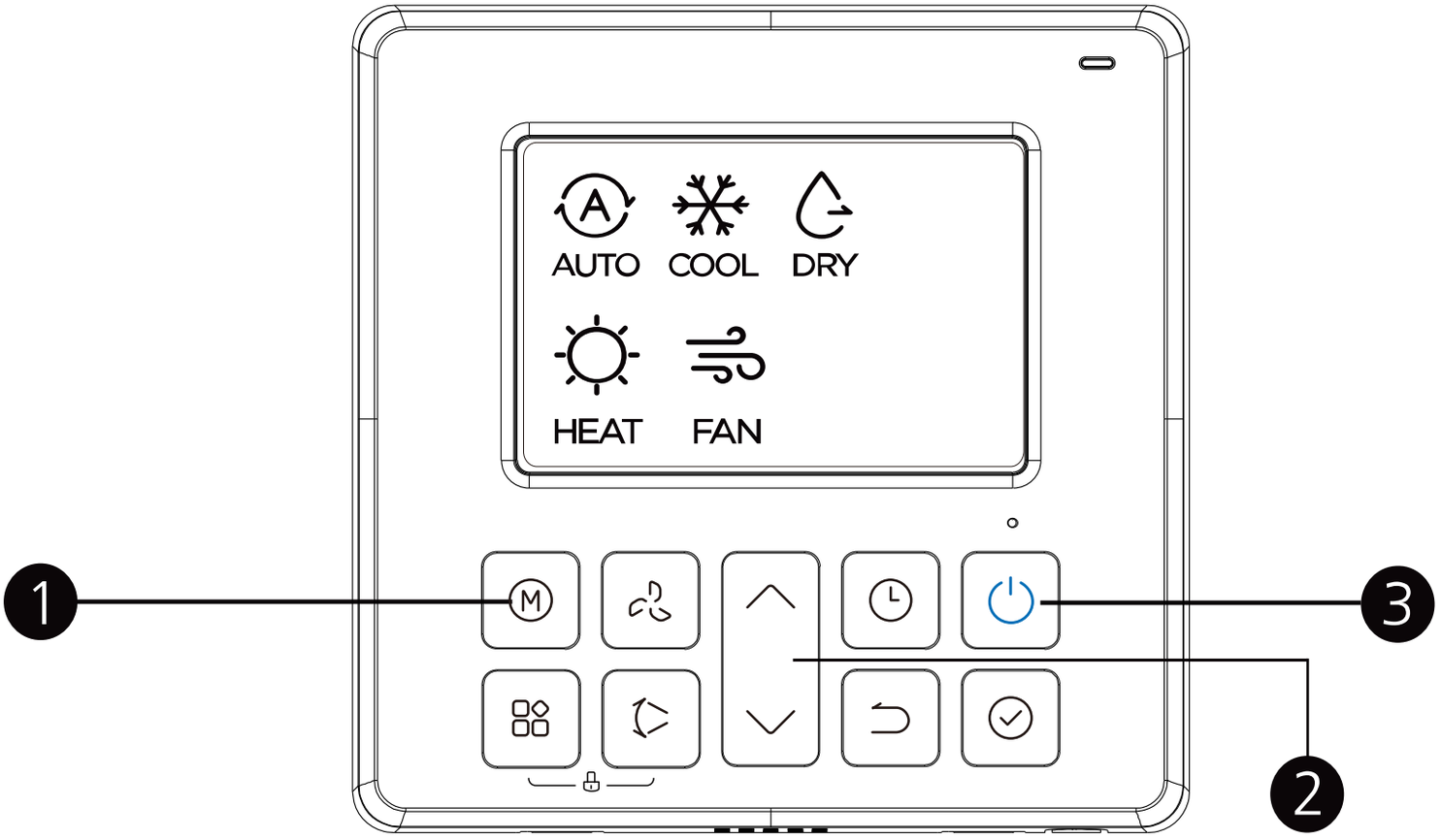


Fig. 6 – DRY Function

FOLLOW ME Function

1. When the FOLLOW ME function is selected, press the confirm button once and FOLLOW ME on the wired controller will light up.
2. When the FOLLOW ME function is selected, press the confirm button again to cancel the FOLLOW ME function and FOLLOW ME icon on the control will turn off.
3. FOLLOW ME function is not canceled when pressing the mode key or powering off. Only select FOLLOW ME in the function key and confirm to cancel FOLLOW ME, or press 46°F (8°C) degrees heating function to cancel FOLLOW ME.
4. By default, the FOLLOW ME function is enabled on the machine.
5. Press the FUNC button to enter the setting selection (see Fig. 18). It will scroll through operation functions as follows:

TURBO → SLEEP → CLEAN → FOLLOW ME → TURBO

The selected symbol will flash on the display. Press the OK button to confirm.

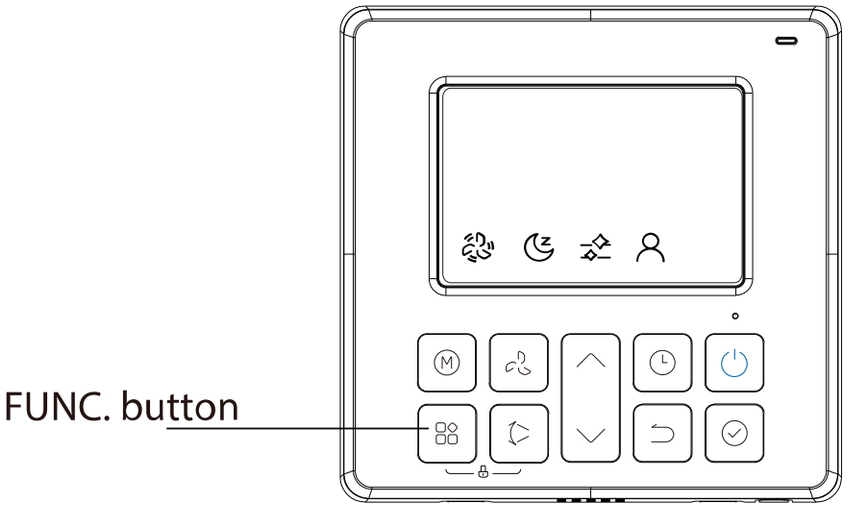


Fig. 7 – FUNC Button

Setting Air Flow Direction

1. Up-Down Swing

   Press the SWING button to start up-down swing function. The "▷" indicator appears. Press it again to stop (see Fig. 19).

2. Left-Right Swing

   Press the SWING button for 2 seconds to start Left-Right Swing function. The "△" indicator appears. Press it for 2 seconds again to stop.

3. Turn Child Lock on/off ⊞ + ▷
   Press and hold the function key and the horizontal swing key for 3 seconds.

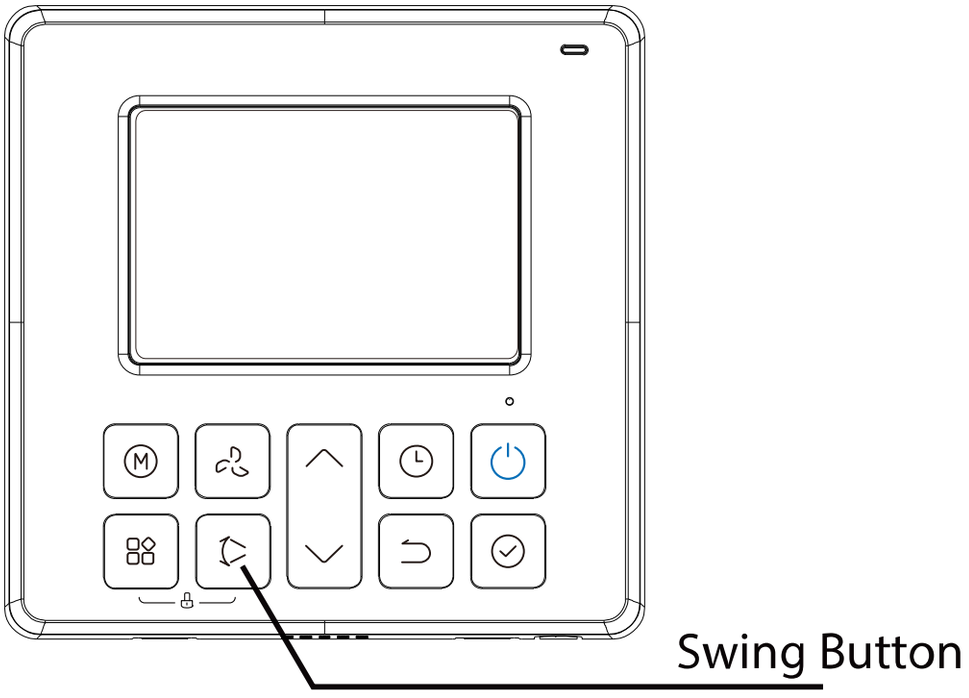


Fig. 8 – Swing Button

TIMER Function

Your air conditioner unit has two timer-related functions:

- TIMER ON - Sets the amount of time after which the unit will automatically turn on (delayed on).
- TIMER OFF - Sets the amount of time after which the unit will automatically turn on (delayed off)

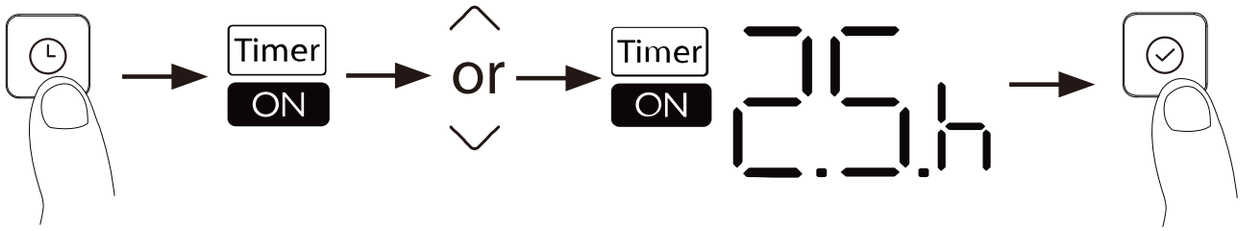
1. TIMER ON Function

The TIMER ON function allows you to set a period of time after which the unit will automatically turn on, such as when you come home from work.

a. Press TIMER ON button. By default, the last time period set and “H” (indicating hours) will appear on the display.

a. Press TIMER ON button repeatedly to set the time you want the unit to turn on.

b. Wait 3 seconds then the TIMER ON function will be activated. The digital display on your controller will then return to the temperature display.
   Example: Setting unit to turn on after 2.5 hours:

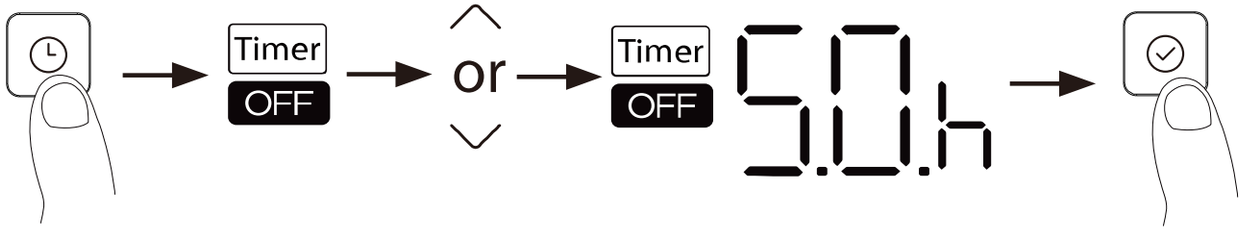


NOTE: This number indicates the amount of time after the current time you want the unit to turn on. For example, if you set TIMER ON for 2 hours, “2.0 H” will appear on the screen and the unit will turn on after 2 hours.

2. TIMER OFF Function

The TIMER OFF function allows you to set a period of time after which the unit will automatically turn off, such as when you wake up.

Example: Setting unit to turn off after 5 hours:



NOTE: When setting the TIMER ON or TIMER OFF functions, the time will increase in 30 minute increments with each press up to 10 hours. After 10 hours, it will increase in 1 hour increments up to 24 hours. The timer will revert to zero after 24 hours. You can turn off either function by setting its timer to “0.0 H”.

Setting both TIMER ON and TIMER OFF at the same time (combined timer function):

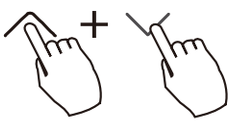
Keep in mind that the time periods you set for both functions refer to hours after the current time. For example; if the current time is 1:00 p.m. and you want it to operate for 2 hours, then automatically turn off at 9:00 p.m:



The unit will operate at high fan speed (while compressor on) with temperature automatically set to 46°F/8°C.

NOTE: This function is for heat pump air conditioner only. Press this button 2 times during one second under HEAT mode and setting temperature of 60/62°F (16/17°C) or 68°F (20°C) (for some models) to activate FP function. Press ON/OFF, SLEEP, MODE, FAN or TEMP button while operating will cancel this function.

°C and °F Scale Selection (on some models)



Press the buttons"∧" and "∨"for 3 seconds will alternate the temperature display between the °C & °F scale.

TROUBLESHOOT YOUR WIRED CONTROLLER

SYMPTOMS	POSSIBLE CAUSES	SOLUTION
The fan speed cannot be changed	check whether AUTO mode is selected	In AUTO mode, the fan speed is set automatically and cannot be changed.
	Check whether DRY mode is selected	In DRY mode, the FAN SPEED button is ineffective. The fan speed can only be changed in COOL, FAN and HEAT mode.
The temperature display is off	Check whether FAN mode is selected	In FAN mode, the temperature cannot be adjusted.
The TIMER OFF disappears after a period of time	If the TIMER OFF function was activated, the operation may have finished.	The air conditioner will automatically stop at the set time and the indicator light will turn off.
The TIMER ON indicator disappears after a period of time	If the TIMER ON function was activated, the operation may have finished.	The air conditioner will automatically stop at the set time and the indicator light will turn off.
There is no sound when the ON/OFF button is pressed	Check whether the signal transmitter of the remote control is properly directed towards the infrared signal receiver of the indoor unit.	Point the remote control directly at the receiver and press the ON/OFF button twice.

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