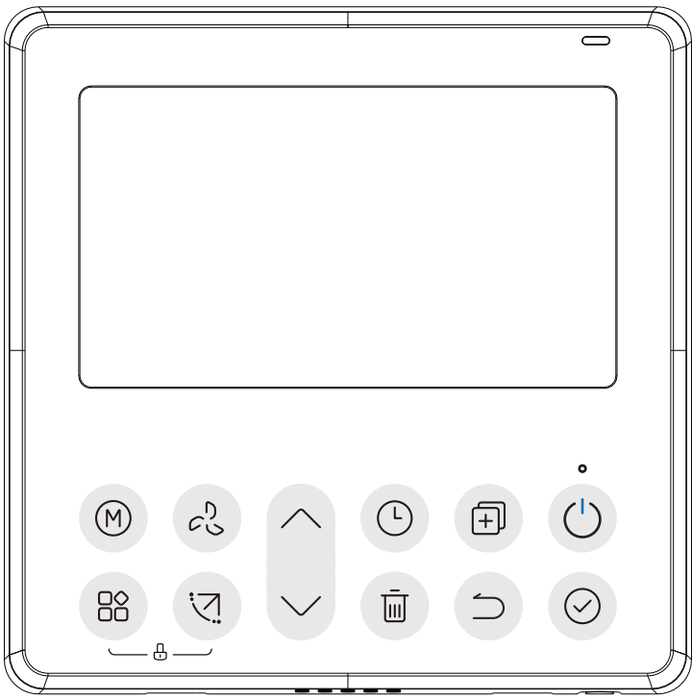
Cooper & Hunter

SMART WIRED THERMOSTAT

Installation and Owner's Manual



MODEL:
120N

IMPORTANT NOTE:

Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

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This manual gives detailed description of the precautions that should be brought to your attention during operation.

In order to ensure correct service of the wired controller, please read this manual carefully before using the unit.

For convenience of future reference, keep this manual after reading it.

All the pictures in this manual are for explanation purpose only. There may be slightly different from the wired remote controller you purchased (depend on model). The actual shape shall prevail.

Table of Contents

1. Safety precaution 1
2. Installation accessory 6
3. Installation method 8
4. Specification 16
5. Feature and function of the wired controller 17
6. Name on the LCD of the wired controller 18
7. Name of button on the wired controller 19
8. Preparatory operation.....20
9. Operation 21
10. Timer functions 32
11. Weekly Timer 1 35
12. Weekly Timer 2 42
13. Fault alarm handing.....48
14.Technical indication and requirement 48
15.Queries and settings 49
16. Wireless control connection 54

1. Safety precaution

⚠ WARNING

- Please entrust the professionals to install the unit.
- Installation by other persons may lead to imperfect installation, electric shock or fire.
- Adhere to this installation manual.
- Reinstallation must be performed by professionals.

Do not uninstall the unit randomly. Random uninstalling may lead to abnormal operation, heating or fire of the system.

NOTE

- Do not install the unit in a place vulnerable to leakage of flammable gases. Once flammable gases are leaked and left around the wire controller, fire may occur.
- Do not operate with wet hands or let water enter the wire controller, electric shock may occur.
- The wiring should adapt to the wire controller current, otherwise, electric leakage or heating may occur and result in fire.

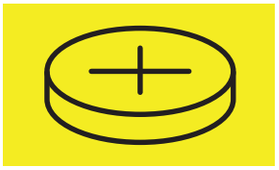
1. Safety precaution

NOTE

- The specified cables shall be applied in the wiring. No external force may be applied to the terminal, otherwise, wire cut and heating may occur and result in fire.



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 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.

1. Safety precaution

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**.**



1. Safety precaution

⚠ 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 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 (-22~122°F) 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.

1. Safety precaution

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

- Battery type: CR2032
- Battery nominal voltage: 3.0 V

2. Installation accessory

Select the installation location

Don’t install in a place covered with heavy oil, vapor or sulfureted gas, otherwise, this product would be deformed and would lead to system malfunction.

Preparation before installation

1. Please confirm that all the following parts you have been supplied.

No.	Name	Qty.	Remarks
1	Wire controller	1	————————
2	Installation & owner’s manual	1	————————
3	Screws	3	M3.9*25 (For Mounting on the Wall)
4	Wall plugs	3	For Mounting on the Wall
5	Screws	2	M4X25 (For Mounting on switch box)
6	Plastic screw bars	2	For fixing on switch box
7	Battery	1	
8	The connective wires group	1	Optional
9	Screw	1	M4X8(For Mounting connective wire group)

2. Installation accessory

2. Prepare the following assemblies on the site.

No.	Name	Qty.(embeded into wall)	Specification (only for reference)	Remarks
1	Switch box	1	————	————
2	Wiring Tube(Insulating Sleeve and Tightening Screw)	1	————	————

Precaution of installing the wire controller

1. This manual provides the installation method of wired controller. Please refer to the wiring diagram of this installation manual to connect the wire controller with indoor unit.
2. The wired controller works in low voltage loop circuit. Avoid direct contact with the cable of high voltage above, like 115V,220V,380V, and don’t wire this kind of wire in the said loop; wiring clearance between configured tubes should be at the range of 11.81~19.68 in. or above.
3. The Shielded wire of the wired controller must be grounded firmly.
4. Upon finishing the wire controller connection, do not employ tramegger to detect the insulation.

3. Installation method

1.Wired remote controller structural dimensions

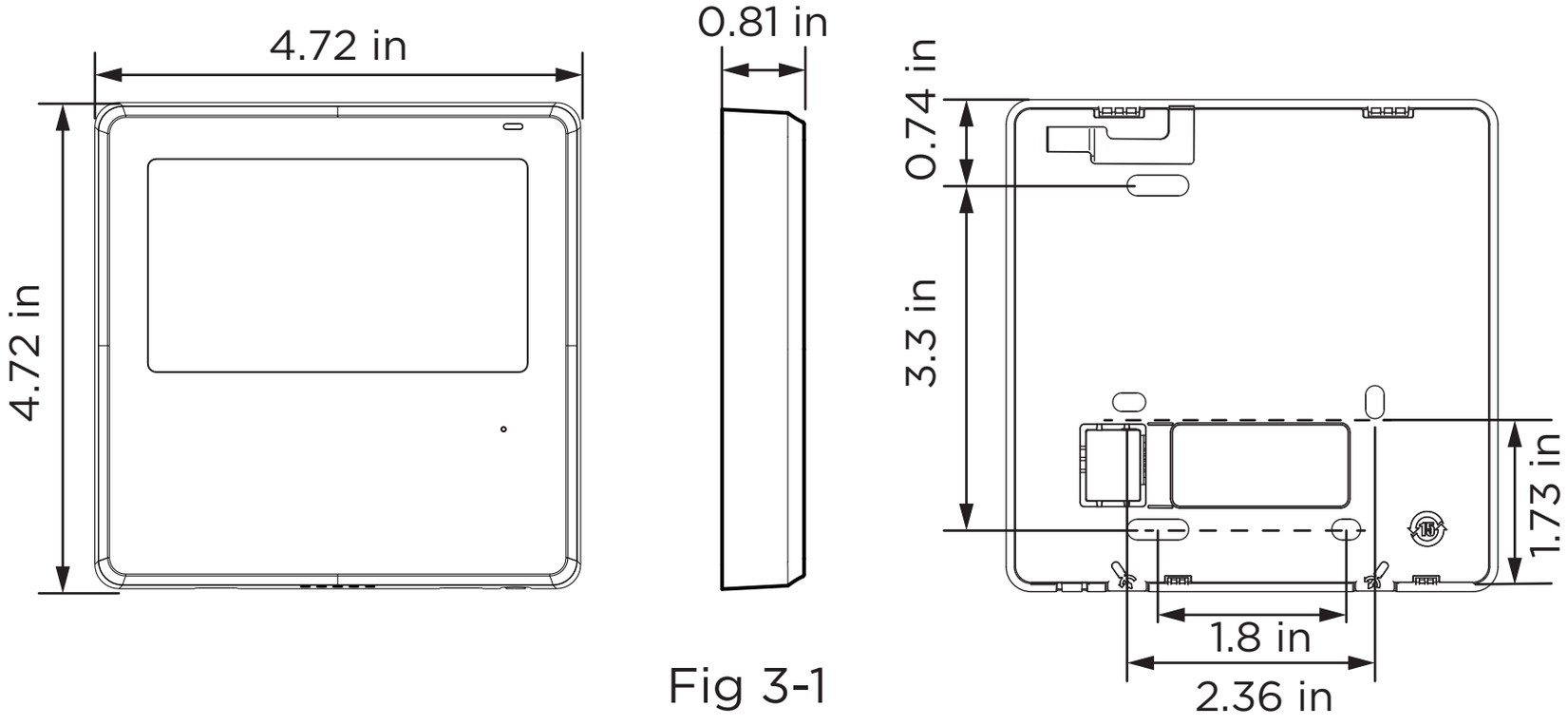
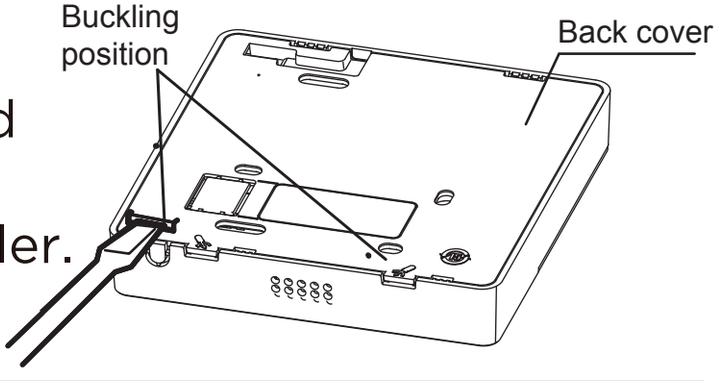


Fig 3-1

2.Remove the upper part of wired controller

- Insert a slot screwdriver into the slots in the lower part of the wired controller (2 places), and remove the upper part of the wire controller. (Fig.3-2)



NOTE: Do not pry up and down, you can only rotate the screwdriver.

3. Installation method

NOTE: The PCB is mounted in the upper part of thewired controller. Be careful not to damage the board with the slot screwdriver.

3. Fasten the back plate of the wired controller

- For exposed mounting, fasten the back plate on the wall with the 3 screws (ST3.9*25) and plugs. (Fig.3-3)

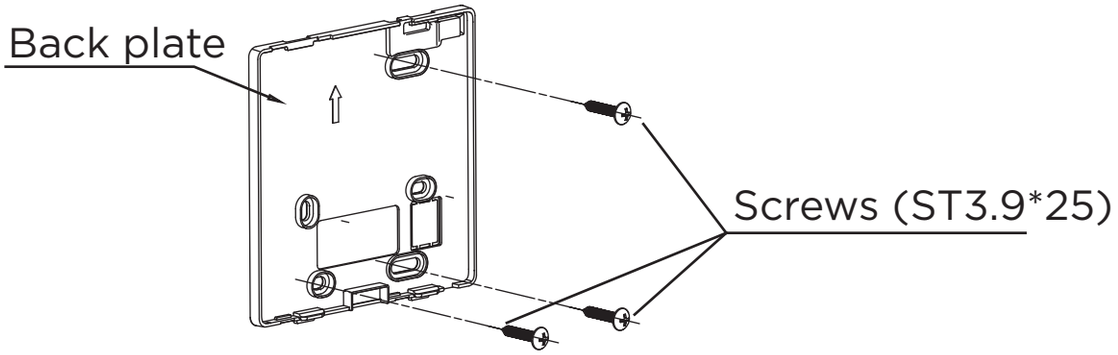


Fig 3-3

- Use two M4X25 screws to install the back cover on the 86 switch box, and use one ST3.9*25 screw to fix to the wall.

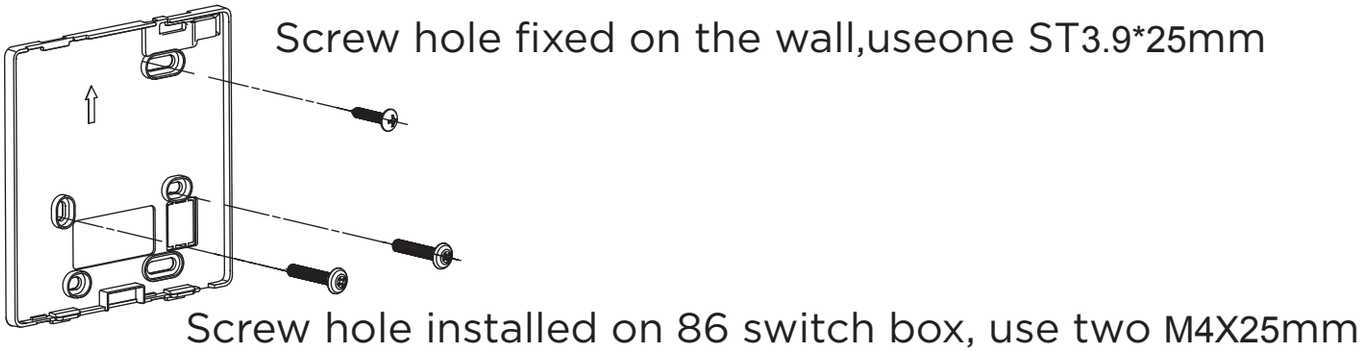


Fig 3-4

3. Installation method

NOTE: Put on a flat surface. Be careful not to damage the back plate of the wire controller by overtightening the mounting screws.

4. Battery installation

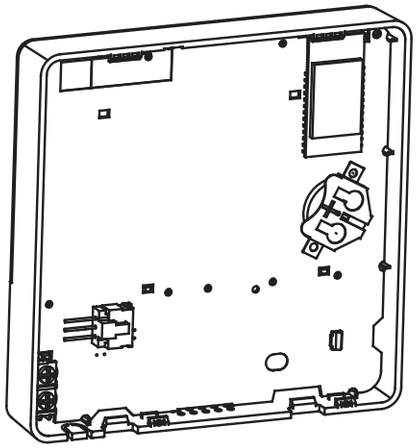


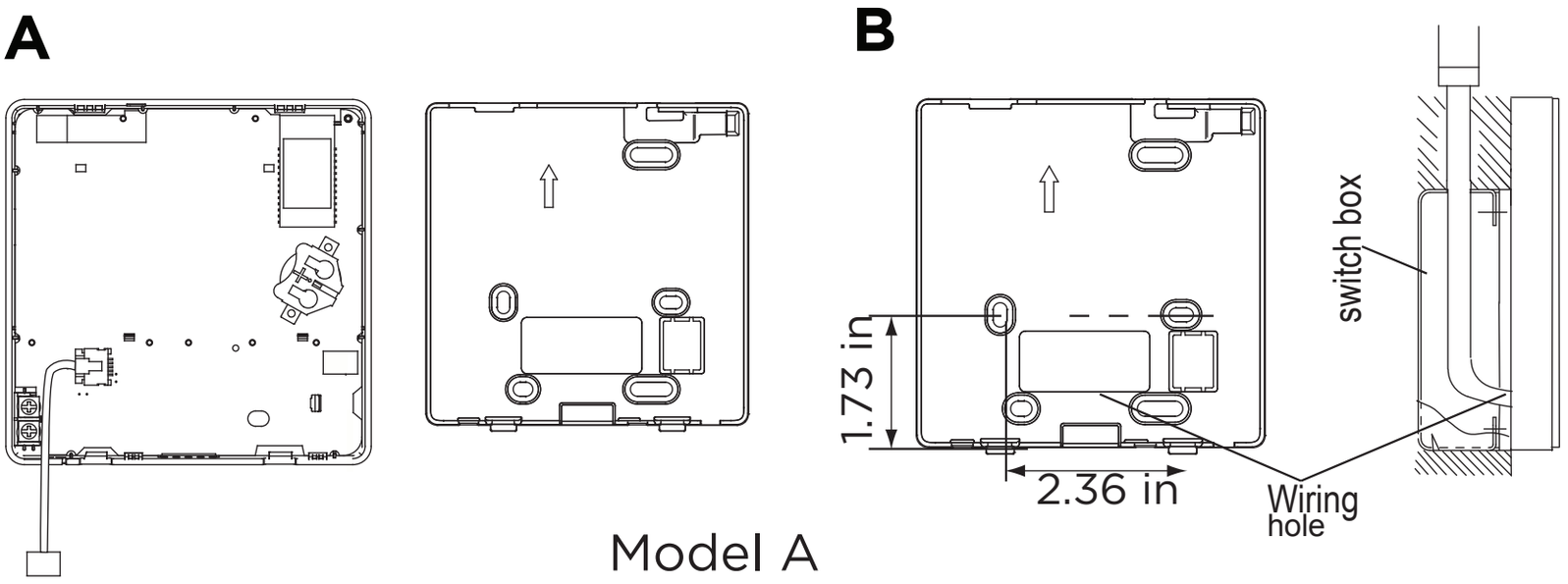
Fig 3-5

- Put the battery into the installation site and make sure the positive side of the battery is in accordance with the positive side of installation site. (See Fig.3-5)
- Please set the correct time on the first time operation. Batteries in the wire controller can reset the time after a power failure ensuring the time remains correct. When the power restores, if the time displayed is not correct, it means the battery is dead and needs to be replaced.

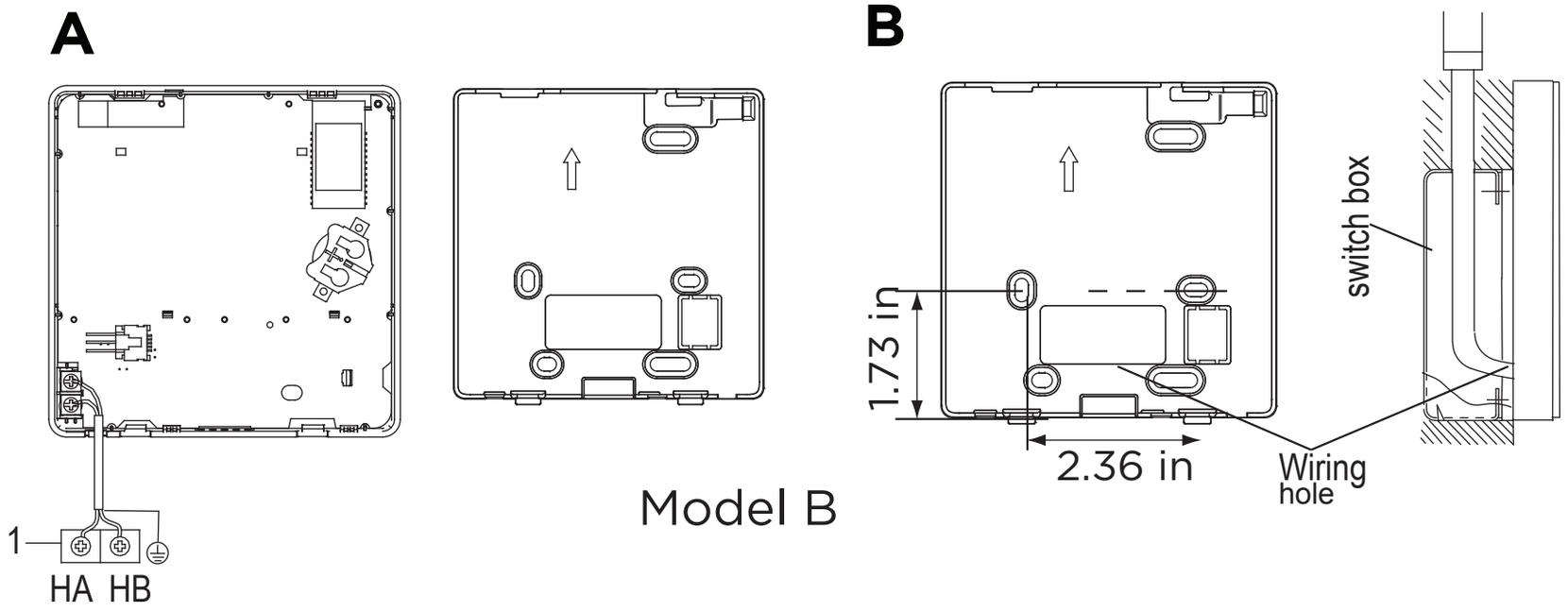
3. Installation method

5. Wire with the indoor unit

Fig 3-6



Model A

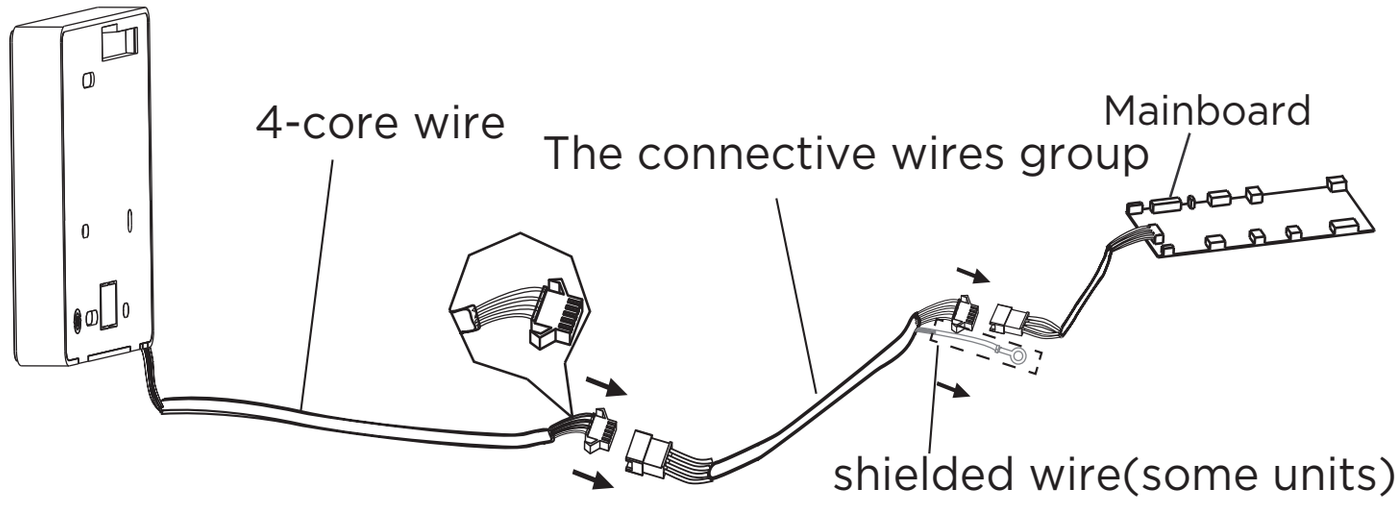


Model B

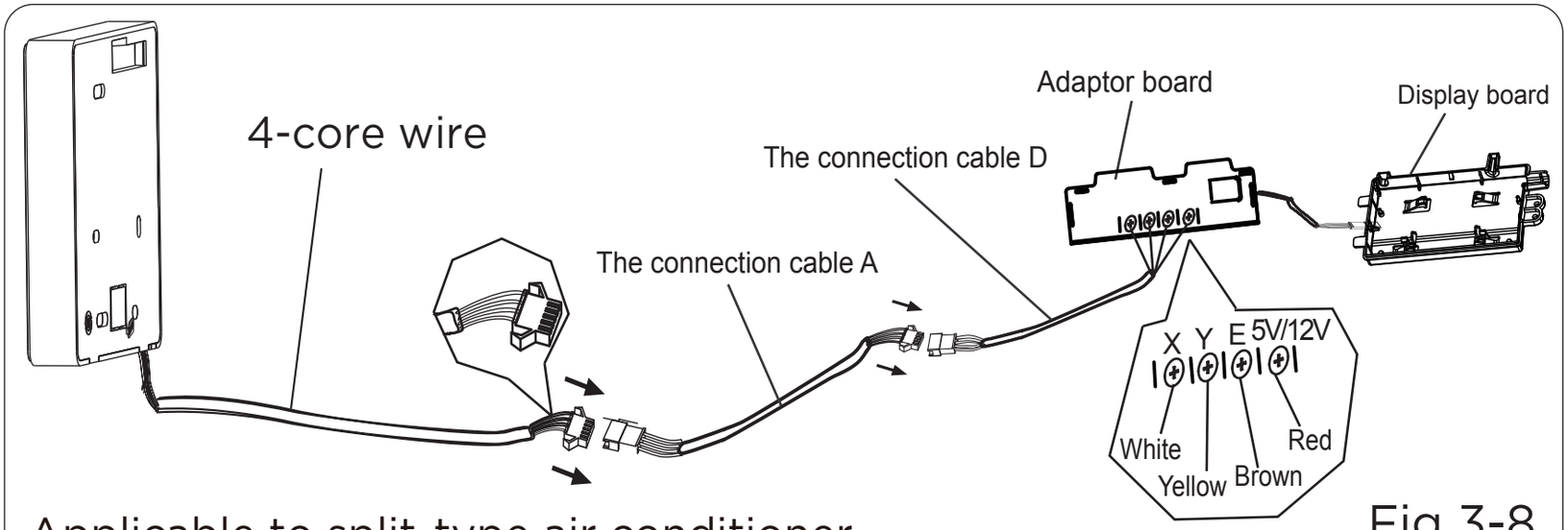
3. Installation method

Model A

Connect the wire from the display panel of the indoor unit to a connecting cable. Then connect the other side of the connecting cable to the remote control.



Applicable to Light Commercial air conditioner Fig 3-7



Applicable to split-type air conditioner Fig 3-8

3. Installation method

Model B

Notch the part for the wiring to pass through with nippers, etc.

Connect the terminals on the wired controller (HA ,HB), and the terminals of the indoor unit (HA ,HB).
(HA and HB do not have polarity.)

NOTE:

- DO NOT allow water to enter the wired control.
  Use the trap and putty to seal the wires.
- Connecting wires must be fixed reliably and cannot be pulled.

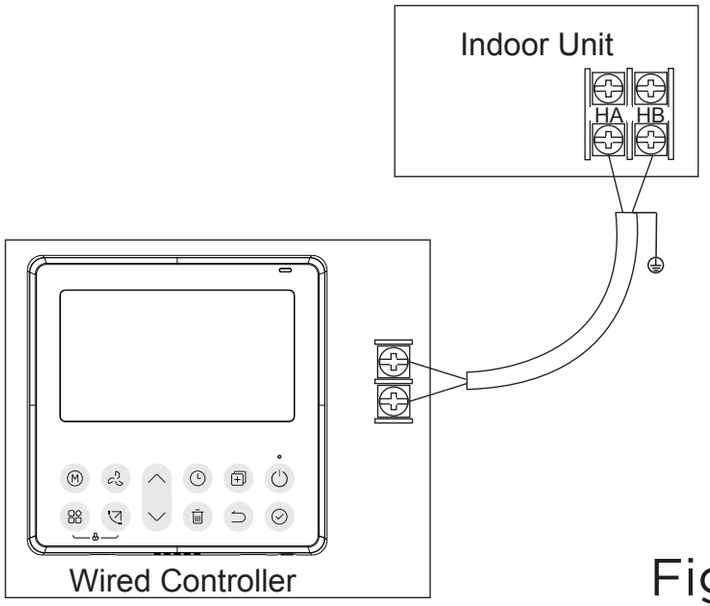


Fig.3-9

3. Installation method

The main/secondary wired controller can be used to enable two wired controllers to control one unit, and the wired controllers connect to the unit HA and HB ports through the HA and HB port on the controller. There is no polarity between HA and HB. SeeFig. 3-10

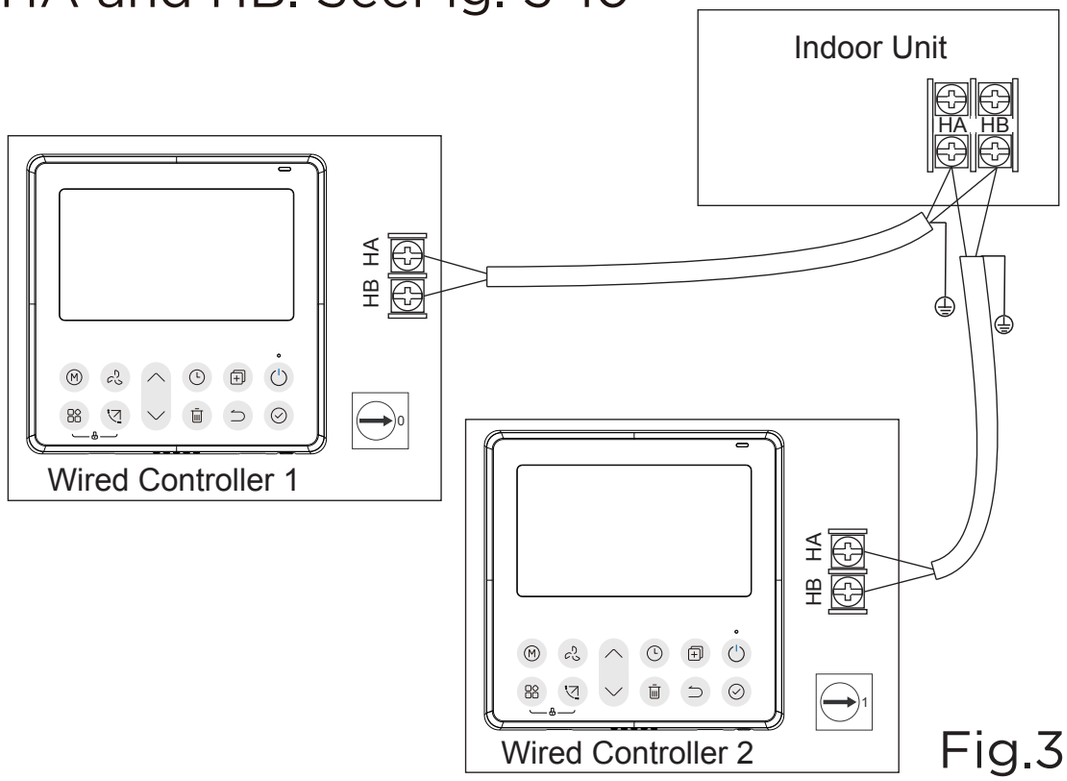


Fig.3-10

NOTE: Wire controller with Wireless function does not have this function.

For some units, one wired controller can support multiple units. In this case, the wired controller and

3. Installation method

unit need to be connected to the HA and HB ports at the same time. In group control, there will be no error displayed on the wired controller . SeeFig. 3-11

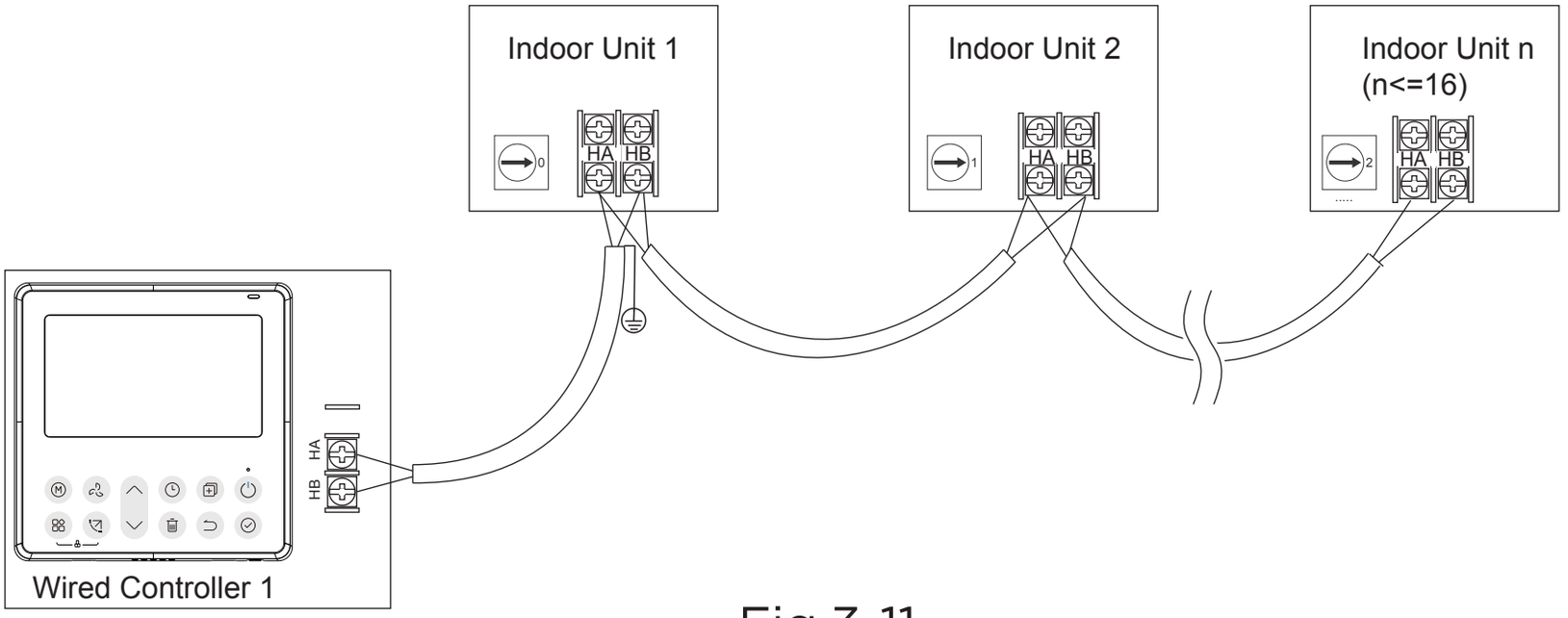


Fig.3-11

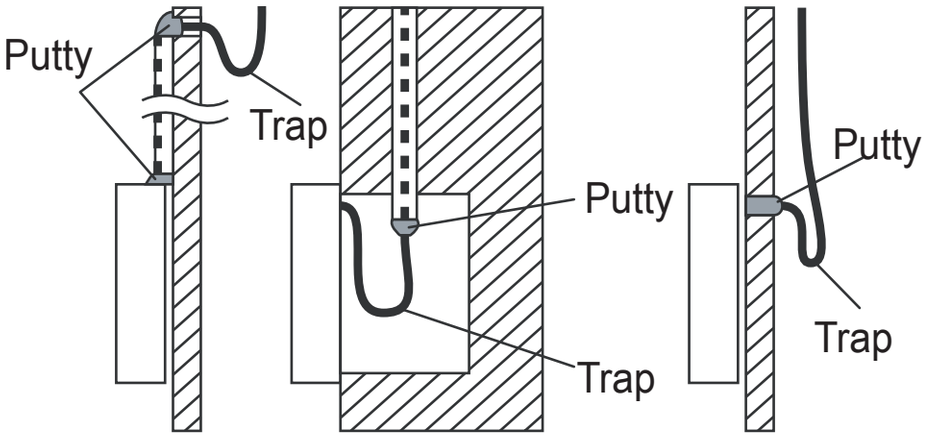


Fig 3-12

6. Reattach the upper part of the wired controller

- After adjusting and then buckling the upper case, avoid clamping the wiring during installation. (Fig 3-13)

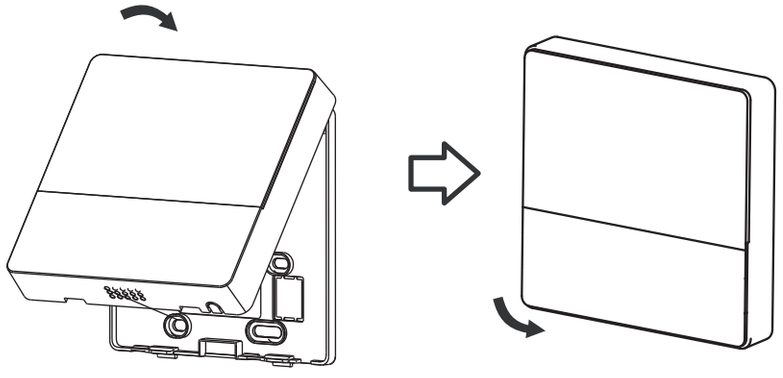


Fig 3-13

All the pictures in this manual are for explanation purpose only. Your wire controller may be slightly different .The actual shape shall prevail.

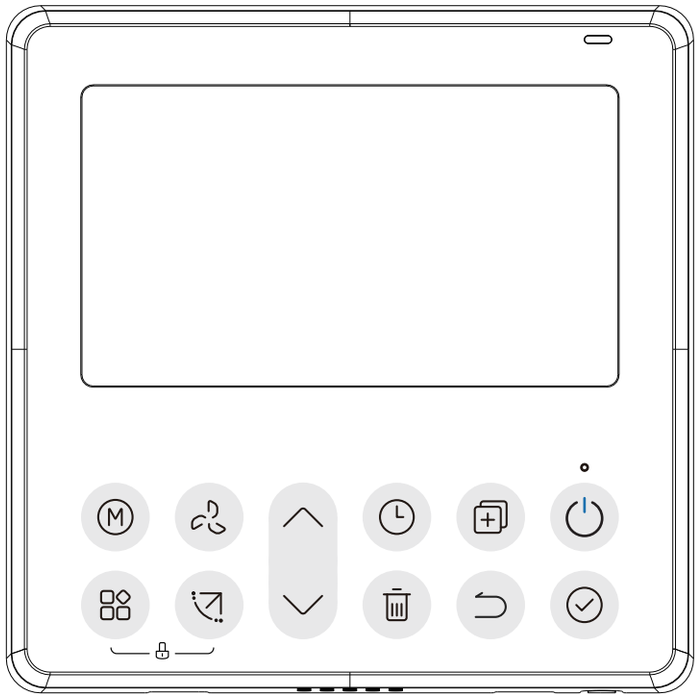
4. Specification

Input voltage	12V
Ambient temperature	32~110°F (0~43°C)
Ambient humidity	RH40%~RH90%

Wiring specifications

NOTE: Suggested to use the connective wire of 6 meters length.

5. Feature and function of the wired controller



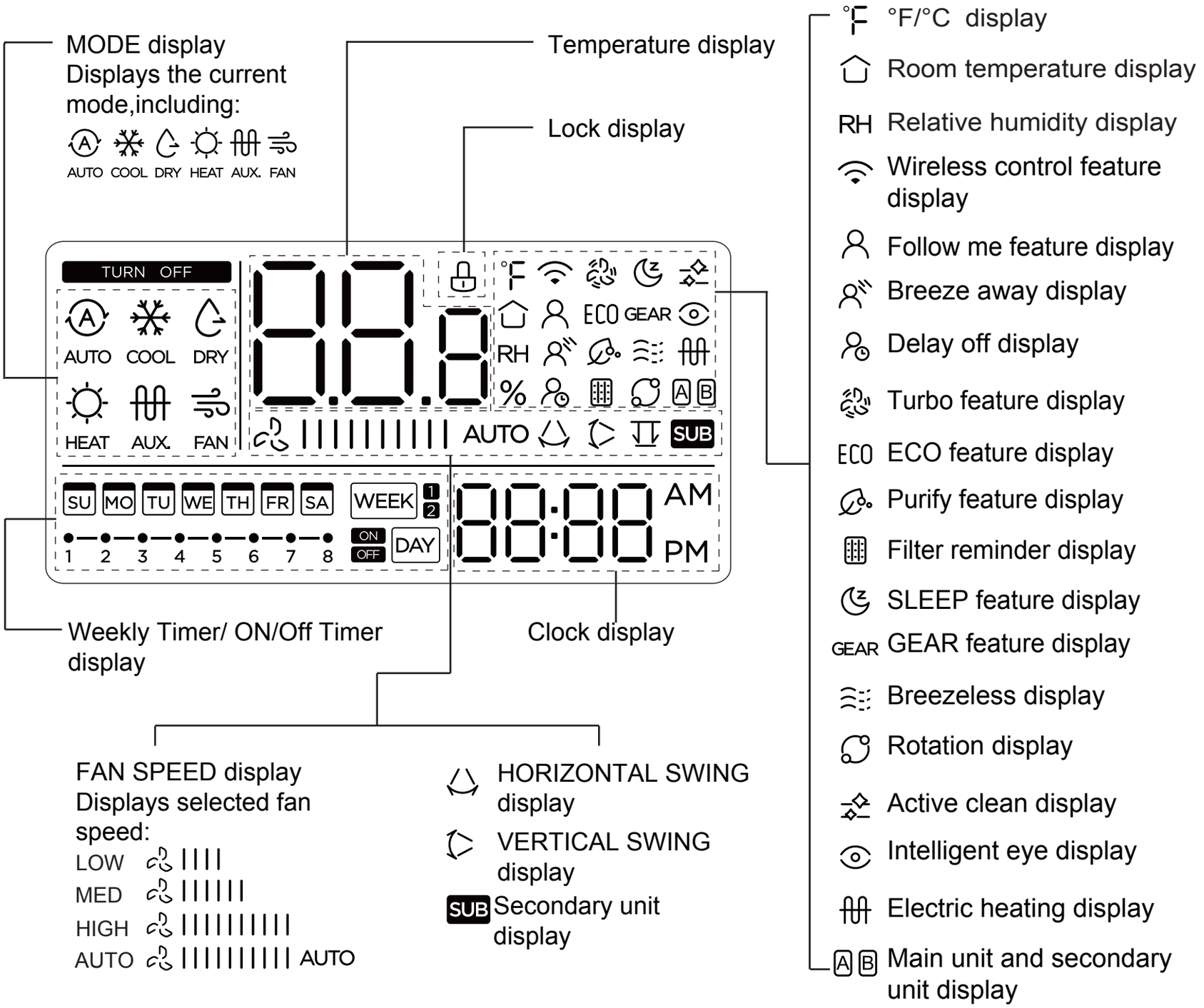
Feature:

- LCD display.
- Malfunction code display,can display error codes, helpful for service.
- 4-way wire layout design, no raised backside, more convenient to place the wires and install the device.
- Room temperature display.
- Weekly Timer.

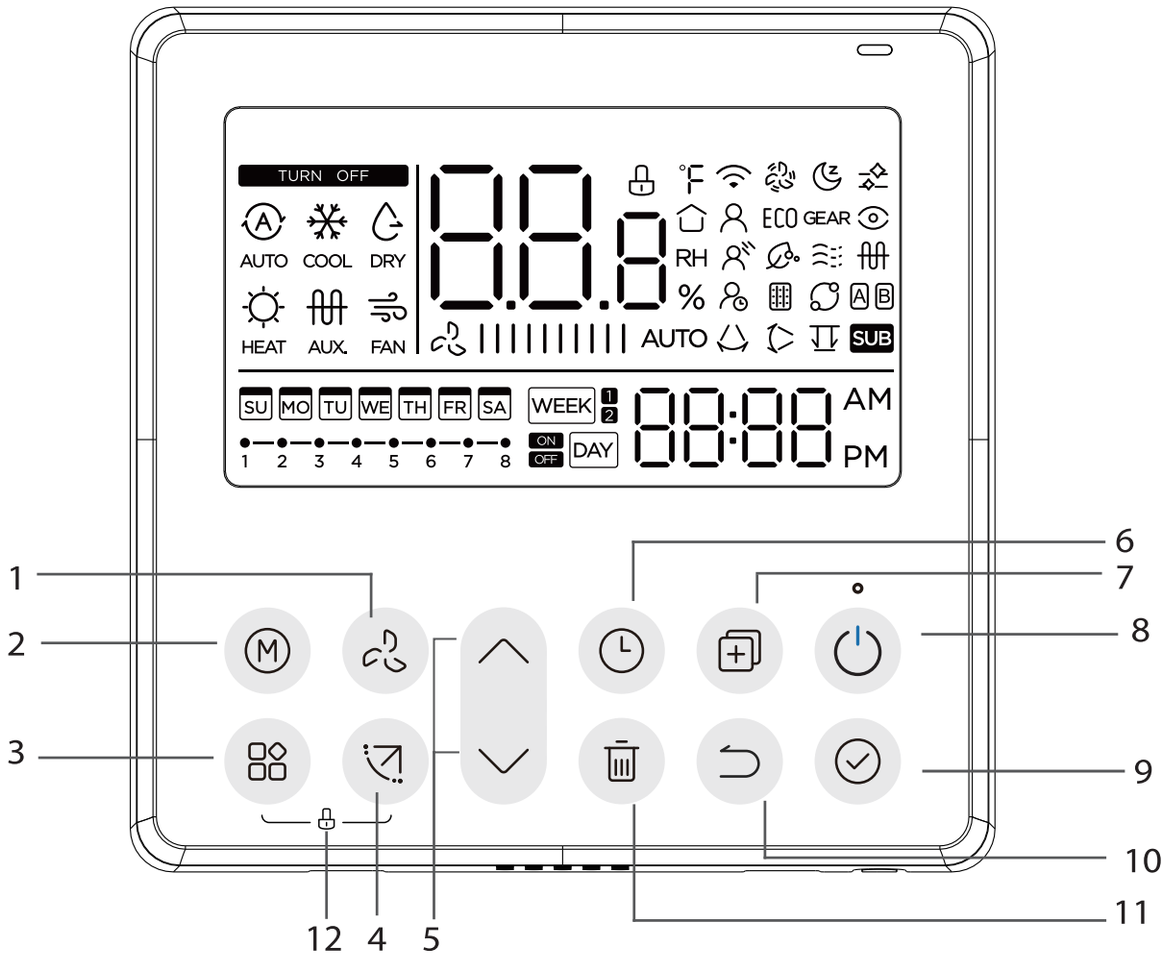
Function:

- Mode: Choose Auto-Cool-Dry-Heat-Fan
- Fan speed: Auto/Low/Med/High speed
- Swing (some models)
- Timer ON/OFF
- Temp setting
- Weekly timer
- Follow me
- Turbo
- 24-hour System
- 12-hour System
- Auto-restart
- Individual louver control (some models)
- Automatic airflow test
- Rotation&Back-up
- Dual Control
- Group Control
- Child Lock
- LCD display
- Clock

6. Name on the LCD of the wired controller



7. Name of button on the wired controller



1 FAN SPEED button
2 MODE button
3 FUNCTION button
4 SWING button
5 ADJUST button
6 TIMER button
7 COPY button
8 POWER button
9 CONFIRM button
10 BACK button
11 DAY OFF/DELAY button
12 CHILD LOCK button

8. Preparatory operation

Set the current day and time

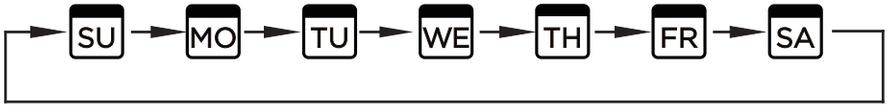
1 

Press the Timer button for 2 seconds or more.
The timer display will flash.

---

2 ^ v

Press the button " ^ " or " v " to set the day.
The selected day will flash.



---

3 

The day setting and time setting is complete after pressing TIMER or CONFIRM button, or if there is no button pressed after 10 seconds.

---

4 ^ v

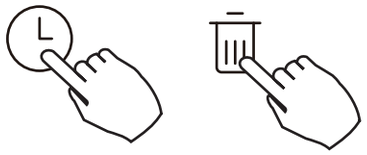
Press the " ^ " or " v " button to set the current time.
Press repeatedly to adjust the current time in 1-minute increments. Press and hold to adjust the current time continuous.



ex.Monday 11:20

5 

The setting is complete after pressing CONFIRM button, or if there is no button pressed after 10 seconds.

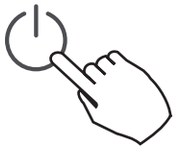
6 

Time scale selection

Pressing the “ ” and “ ” buttons for 2 seconds will alternate the clock time display between the 12h & 24h scale.

9. Operation

To start/stop operation



Press the Power button.

8 degree heating function



When the heating mode temperature is set to minimum temperature of 60.8°F (16°C) , press the key twice within 1 second to turn on the 46.4°F (8°C) heating function. When the 46.4°F (8°C) heating function is enabled, the Follow me, Sleep, Turbo and Daily Timer features are cancelled.

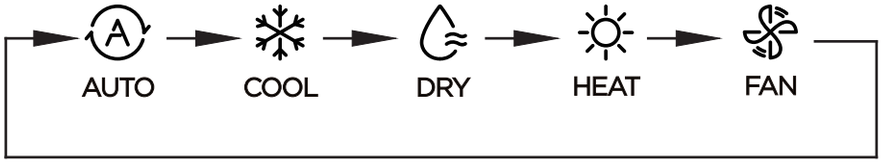
9. Operation

To set the operation mode

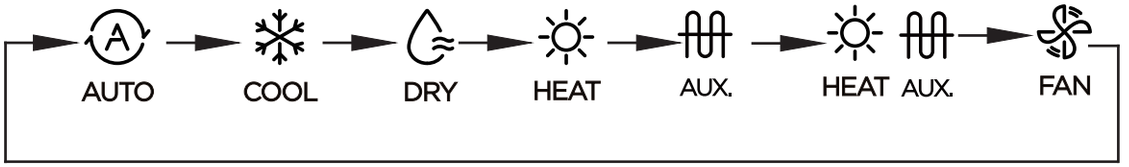
Operation mode setting
(Heat mode is invalid for cool only type unit)



Press this button to select the operation mode:



If the indoor unit has Aux. (Emergent heating) mode and Heat+Aux. mode, press the button to select the operation mode:

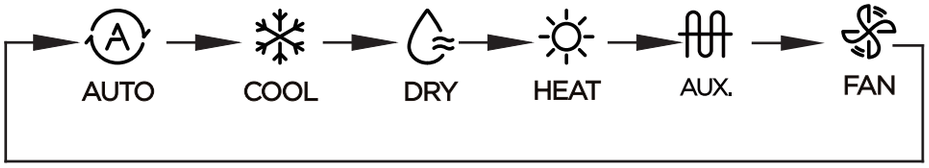


When the mode is selected as Heating & Aux. mode, 

is displayed, you can adjust the fan speed.
The Turbo and Rotation functions are disable.

9. Operation

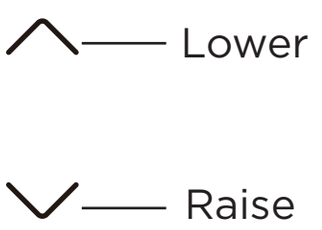
If the indoor unit has Aux. (Emergent heating) mode, but no Heat+Aux. mode, press the button to select the operation mode:



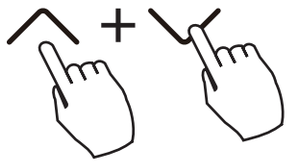
When the mode is selected as emergency heating (or Aux) mode, AUX. is displayed, the default fan speed is Auto, but you can adjust the fan speed. The Sleep, 8-degree Heating,Turbonand Rotation Functions are not available in emergency heating mode.

9. Operation

Room temperature setting



Press “ ∧ ”or “ ∨ ” to set the room temperature.
Indoor Setting Temperature Range :
50/60/62~86°F (10/16/17~30°C) or 68~82°F (20~28°C).
(Model dependent)

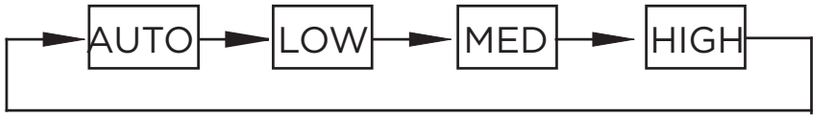


°F & °C scale selection (on some models)
Press “ ∧ ” and “ ∨ ” for 3 seconds to alternate the temperature display between the °F & °C.

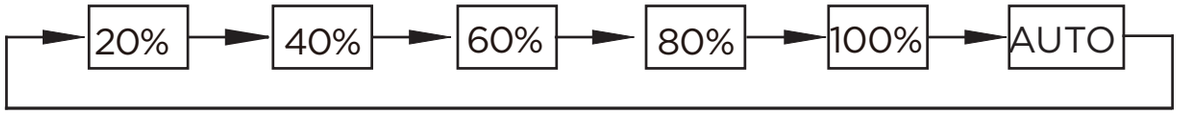
Fan speed setting

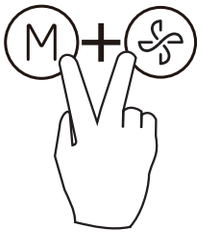


Press the Fan speed button to set the fan speed. (This button is unavailable under Auto or Dry mode)



When stepless speed regulation is supported, press the fan speed key to cycle through:

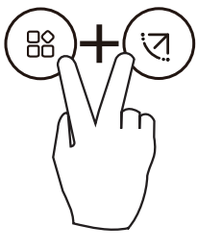




Press Ⓜ and together for
3 seconds to turn on or turn off the keypad tone.

9. Operation

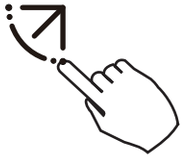
Child lock function



Presss “ ” and “ ” for 3 seconds to activate the child lock function and lock all buttons on the wire controller. You can't receive the remote control signal after the child lock is activated. Press these two buttons again for 3 seconds to deactivate the child lock function. When the child lock function is activated, the“ ”mark appears.

Swing function (For units with horizontal & vertical swing features only)

1 Up-Down swing



Press the SWING button to start up-down swing function. The “ ” mark appears. Press again to stop.

2 Left-Right swing

Press the SWING button for 2 seconds to start Left-Right swing function. The “ ” mark appears. Press again for 2 seconds to stop.

9. Operation

Swing function (For units without vertical swing function)



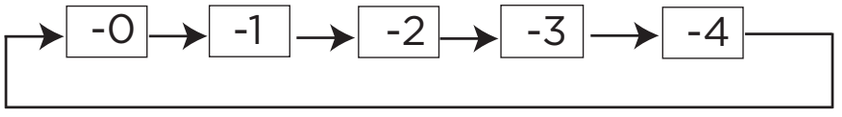
- Press the SWING button to start up-down swing function. The “ ” mark appears. Each time you press the swing button, the louvers swing at an angle of 6 degrees. For Auto swing, press and hold for 2 seconds. Press again to stop.

Units with four Up-Down louvers operating individually.



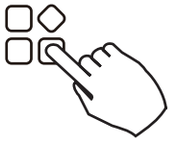
- Press the SWING button to start up-down swing function. The “ ” mark will flash. (Not applicable to all the models)
- Pressing “ ” or “ ” can select the movement of four louvers. Each time you push the button, the louver will be selected in a sequence as:

(-0 means the four louvers move at the same time.)

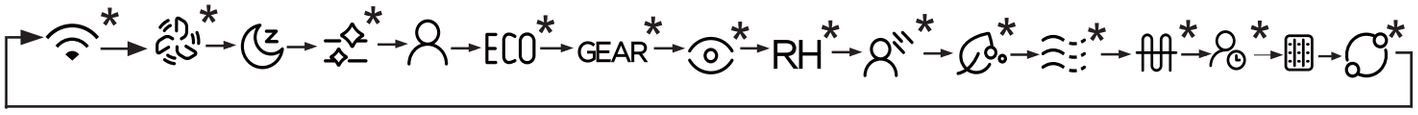


- Use SWING button to adjust the Up-Down airflow direction of the selected louver.

9. Operation



Press the FUNCTION button to scroll through operation functions as follows:

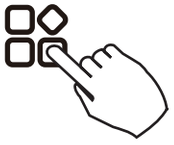


[*]: Model dependent.



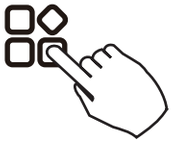
The selected function icon will flash, then press the Confirm button to confirm the setting.

Turbo function (on some models)



Under COOL/HEAT mode, press the FUNCTION button to activate the TURBO function. The “ ” icon will appear. Press the button again to deactivate.

PTC function (on some models)



In heating operation, for the units with electric heating feature, press this button to activate electric heating mode. When the PTC function is activated, the “ ” icon appears.

NOTE: The electric auxiliary heating function of the AHU model is switched by the MODE button, and the FUNCTION button is a turbo function.

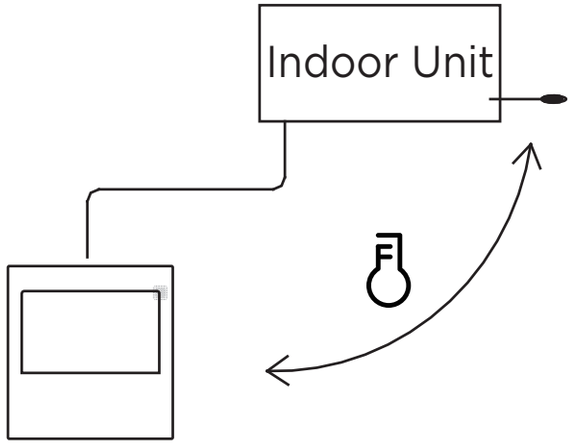
9. Operation

Follow me function

Press the FUNCTION button to select whether room temperature is detected at the indoor unit or the wire controller.

When the follow me function indicator appears,the room temperature is detected by the wire controller.

Press the button again to cancel the follow me function.



Intelligent eye display

1. This function is valid in any mode when the unit is powered on.
2. Press the function key to select the smart eye icon, then press the OK key to activate the smart eye function. The icon will light up. When the smart eye function is turned off, the icon will no longer be lit.
3. Activating shutdown, switch mode, self-cleaning, and 8° Heating functions will automatically cancel the smart eye function.

9. Operation

Filter reset function 

The indoor unit automatically sends the wired controller the filter's usage time. When cleaning is needed, the filter cleaning prompt icon will light up. Press the function key to select the filter cleaning prompt icon, then press the OK key to reset the filter screen time. The filter cleaning reminder icon will no longer be lit.

Humidity setting function

If the unit features dual control function of temperature and humidity, in dehumidification mode, press the function key to select the RH icon and press the confirm key to enter the humidity control mode. The RH icon will flash. Press the up and down keys to adjust the humidity in 5% increments. The setting range is **OFF -> 35%~85%**. After 5 seconds of inactivity, the unit will automatically exit the humidity adjustment state.

9. Operation

GEAR function

If the unit features GEAR function, Press the FUNCTION button to select the GEAR icon when cooling mode starts. Press the Confirm button to enter the GEAR Control mode. The controller screen indicates the GEAR status.
GEAR options are 50%->75-> OFF. Select an option by pressing the Up/Down button. After five seconds, the set temperature will display. Press the Up/Down button to adjust the temperature.

NOTE: The GEAR function automatically cancels when the system is turned off, switched to a different mode, sleep mode enabled, ECO enabled, or in self-cleaning mode.

Rotation & Back-up indication

When there are two units, press the FUNCTION button to select the rotating function and press "Confirm" to turn on or off the rotating function.

- Press the Confirm button to set the rotating time, then press the "\/" or "/\" button to set the time. The time setting range is 1~99h. The default time is 10 hours.
- Set the high temperature. (If the ambient temperature is between 78.8~89.6°F (26~32°C), this function is invalid. If the

9. Operation

ambient temperature is between 78.8~89.6° (26~32°C), or is greater than or equal to the set temperature, the two machines will run at 75.2°F (24°C) in cool mode at the same time.

- Set the low temperature. (If the ambient temperature is between 41~59°F (5~15°C), this function is invalid. When the ambient temperature is between 41~59°F (5~15°C) or when the ambient temperature is lower than the set temperature, the two machines will run 75.2°F (24°C) at the same time in heating mode.
- Set which machine will run first, A or B. After this function is turned on, it will automatically turn on another unit and turn off the current unit (as long as the unit is running at the setting hour). Press the Power button to switch to another one immediately.
- A or B icons flash to indicate the corresponding unit failure. If running more than one unit, and one unit fails, the controller will automatically switch to the other connected unit.

10. Timer functions

WEEK

WEEKLY timer

Use this timer function to set operating times for each day of the week.

ON DAY

On timer

Use this timer function to start air conditioner operation. The timer operates and air conditioner operation starts after the set time has been reached.

OFF DAY

Off timer

Use this timer function to stop the unit. This function will stop the unit after the set time has been reached.

ON OFF DAY

On and Off timer

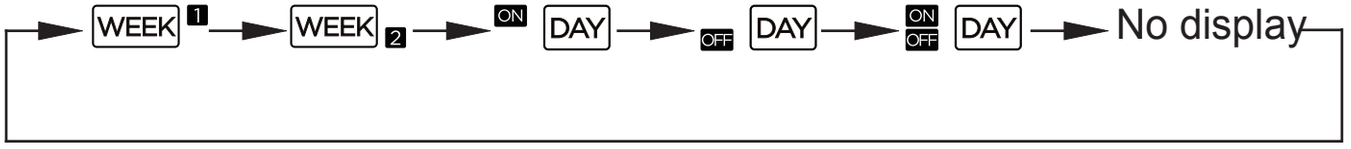
Use this timer function to start and stop air conditioner operation. The timer operates and air conditioner operation starts and stops after the time has passed.

10. Timer functions

To set the TIMER

1 

Press the Timer button to select the ON DAY or OFF DAY .



---

2 

Press the Confirm button and the Timer display will start flashing.

---

3 

ex.Off timer set at 18:00

OFF DAY 

Press the button “ ^ ” or “ v ” to set the time.
After time is set, the timer will start/stop automatically.

---

4 

Press the Confirm button again to finish the settings.

10. Timer functions

To set the TIMER

1 

Press the Timer button to select the ON OFF DAY .

---

2 

Press the Confirm button and the Clock display will start flashing.

---

3 ^



Press the button " ^ " or " v " to set the ON timer.



Press the Confirm button to confirm the setting.

---

4 ^



Press the button " ^ " or " v " to set the time of OFF timer.

---

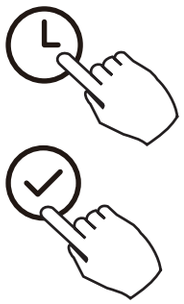
5 

Press the Confirm button to finish the settings.

NOTE: The secondary wired controller cannot set the timer.

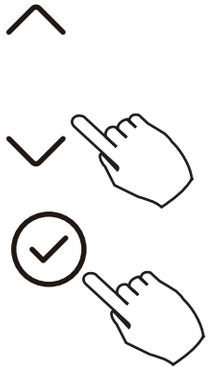
11. Weekly Timer 1

1 Weekly timer setting

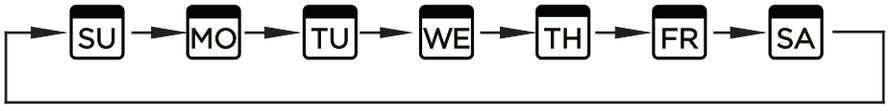


Press the Timer button to select the WEEK 1 and then press the Confirm button to confirm.

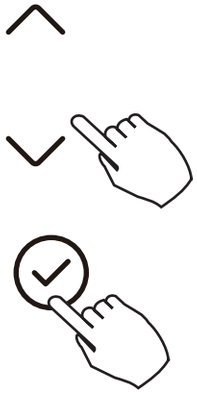
2 Day of the week setting



Press the button " ^ " or " v " to select the day of the week. Press the Confirm button to confirm the setting.

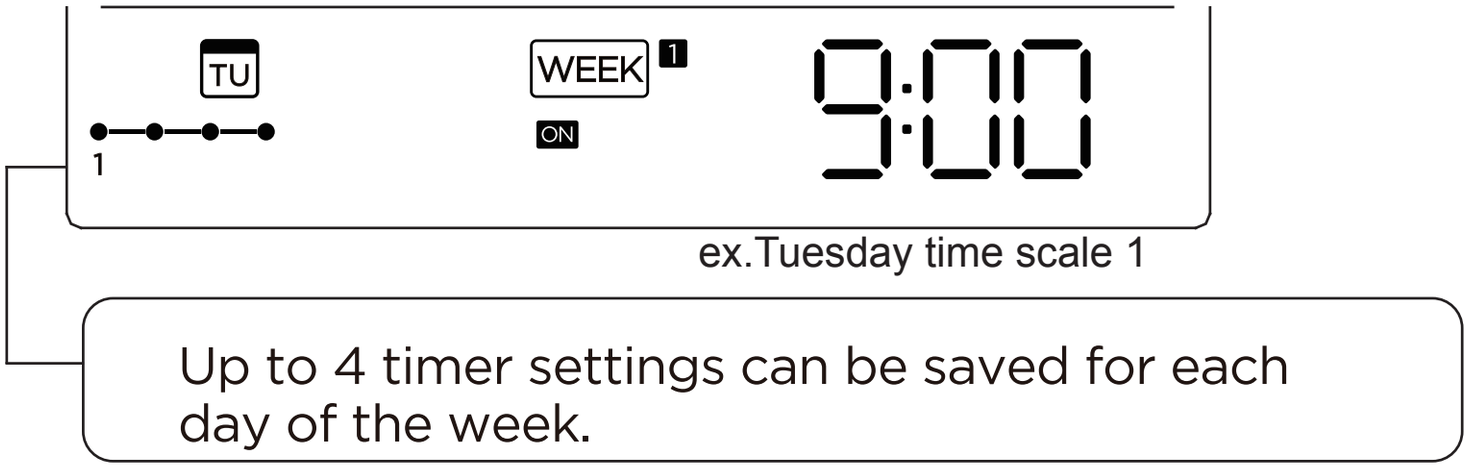


3 ON timer setting of timer setting 1



Press the button " ^ " or " v " to set the time for the ON timer, then press the Confirm button to confirm the setting.

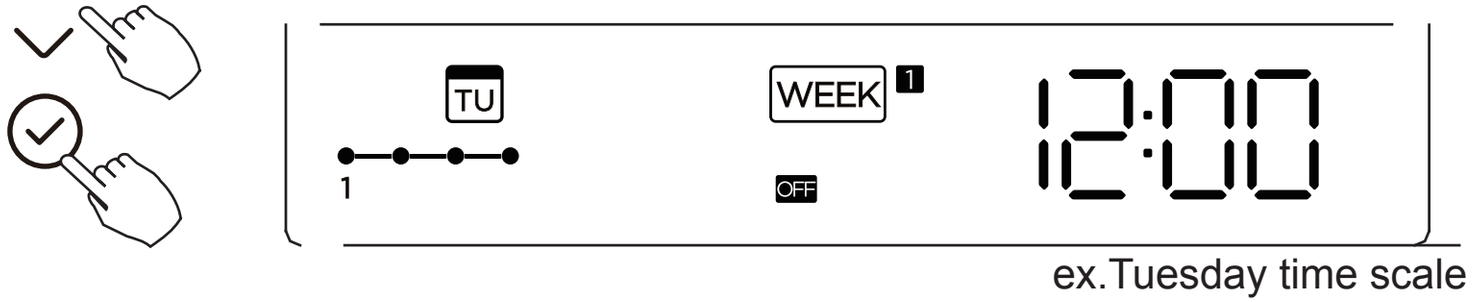
11. Weekly Timer 1



Up to 4 timer settings can be saved for each day of the week.

4 OFF TIMER setting of timer setting 1

Press the button "^" or " v " to set the time of OFF timer, Press the Confirm to confirm the setting.



5 Different timer settings can be set by repeating step 3 to 4.

6 Other days in one week can be set by repeating step 2 to 5.

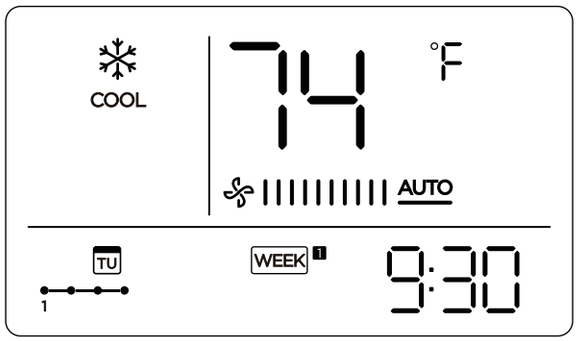
NOTE: In the weekly timer setup process, return to the previous step by pressing the BACK button. The time can be deleted by pressing the DAY OFF button. The current setting will be restored and the weekly timer setting will be withdrawn automatically when there is no operation for 30 seconds.

11. Weekly Timer 1

WEEKLY timer operation

Press the TIMER button while WEEK 1 is displayed on the LCD.

ex.

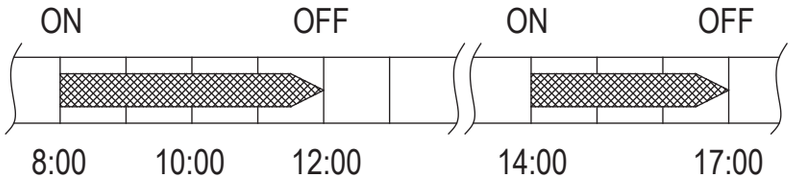


To deactivate WEEKLY TIMER operation

Press the TIMER button while WEEK 1 is displayed to deactivate

To turn off the air conditioner during the weekly timer

1. Press the POWER button once and quickly to turn the air conditioner off temporarily. The air conditioner will turn on automatically at the set time of the timer..



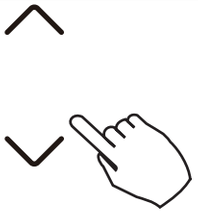
ex. If the POWER button is pressed once quickly at 10:00, the air conditioner will turn on at 14:00.

2. Press the Power button for 2 seconds, to turn the air conditioner off completely and cancel the timing function.

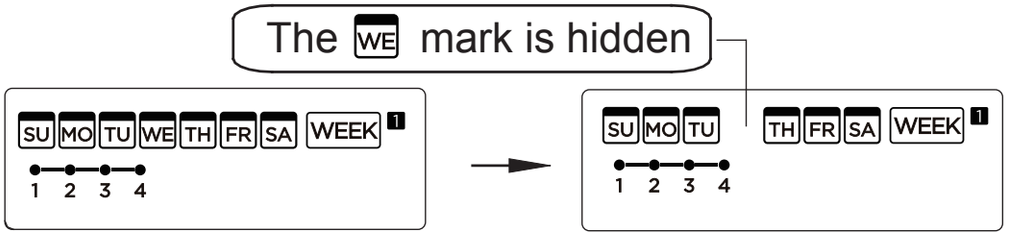
11. Weekly Timer 1

To set the DAY OFF (for a holiday)

1  In weekly timer function, press the Confirm button.

2  Press the button “ ^ ” or “ v ” to select the day of the week.

3  Press the DAY OFF button to set the DAY OFF.



ex.The DAY OFF is set for Wednesday

4 The DAY OFF can be set for other days by repeating the steps 2 and 3.

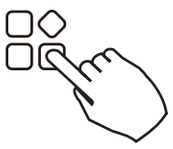
5  Press the Back button to return to the weekly timer.

To cancel, Follow the same procedures as those for setup.

NOTE: The DAY OFF setting is cancelled automatically after the set day has passed.

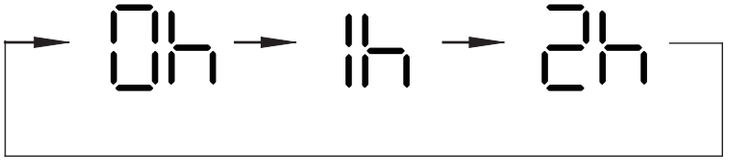
11. Weekly Timer 1

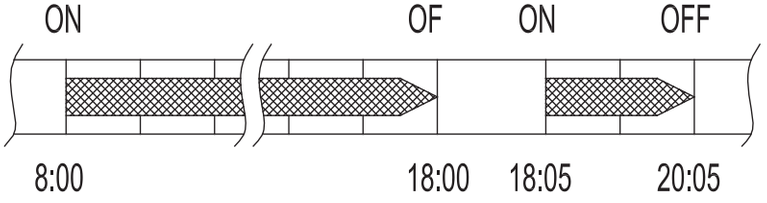
DELAY function



In weekly timer function, press the FUNCTION button, select DELAY function and press the Confirm. "0h", "1h", and "2h" will be displayed. Wait 3 seconds to confirm. When the delay function is activated, the icon is displayed. The delay function can only be enabled in Weekly Timer 1 and Weekly Timer 2.







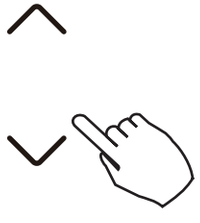
ex. If "2h" at 18:05, the air conditioner will delay turning off at 20:05.

Copy setting from one day to other days.

A timer setting made on one day can be copied to another day of the week. All timer settings of the selected day of will be copied.

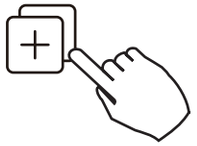
1 

During the weekly timer, press the Confirm button.

2 

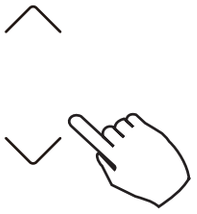
Press the button " ∧ " or " ∨ " to select the day to copy from.

11. Weekly Timer 1

3 

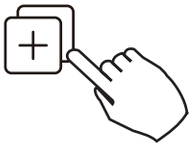
Press the COPY button, the letters “CY” will display on the LCD.

---

4 

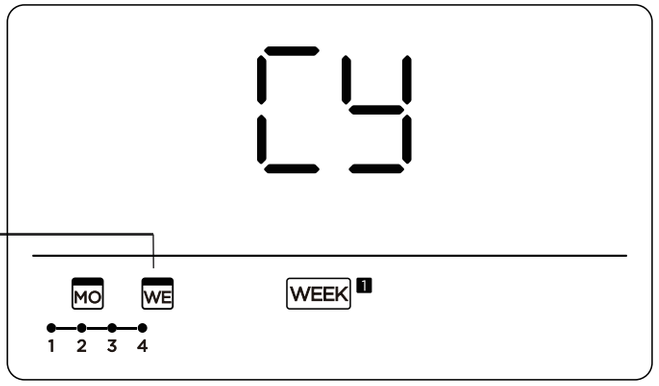
Press the button “ ^ ” or “ v ” to select the day to copy to.

---

5 

Press the Copy button to confirm .

The WE mark flashes quickly



ex. Copy the setting of Monday to Wednesday

---

6 Other days can be copied by repeating step 4 and 5.

---

7 

Press the Confirm button to confirm the settings.

---

8 

Press the Back button to return to the weekly timer.

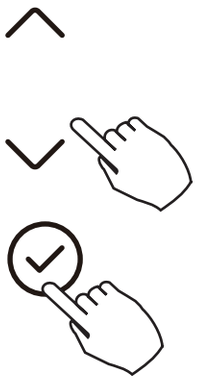
11. Weekly Timer 2

1 Weekly timer setting

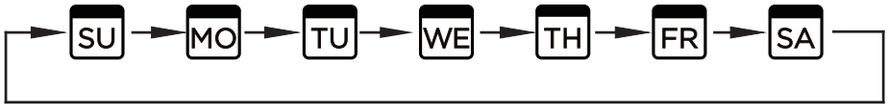


Press Timer to select the WEEK 2 and then Confirm.

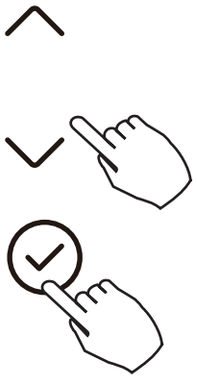
2 Day of the week setting



Press “ ∨ ” or “ ∧ ” to select the day of the week and then press CONFIRM.



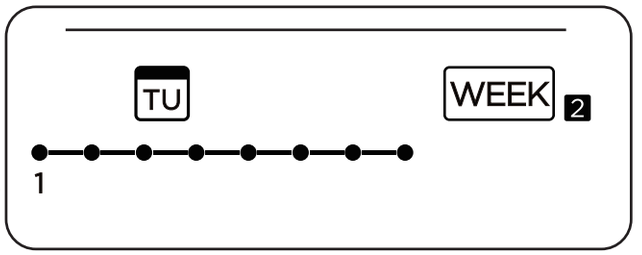
3 Timer setting



Press “ ∧ ” or “ ∨ ” to select the time. The set time, mode, temperature and fan speed appear on the LCD. Press CONFIRM to enter the setting.

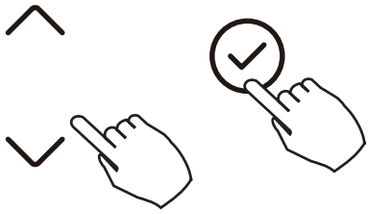
12. Weekly Timer 2

IMPORTANT: Up to 8 scheduled events can be set on one day. Various events can be scheduled in MODE, TEMPERATURE and FAN speeds.



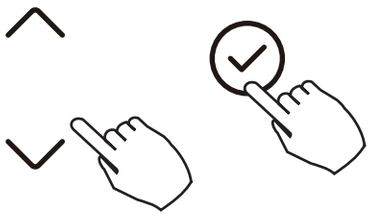
ex.Tuesday time scale 1

4 Time setting

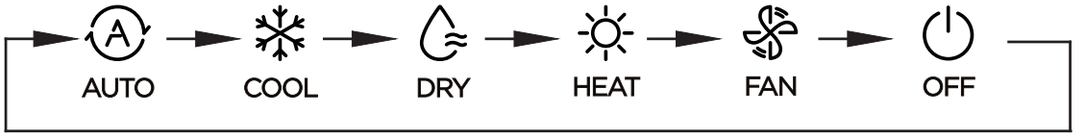


Press “ ^ ” or “ v ” to set the time, then press CONFIRM.

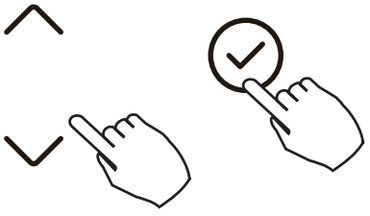
5 Operation mode setting



Press “ ^ ” o r “ v ” to set the operation mode then press CONFIRM.



6 Room temperature setting

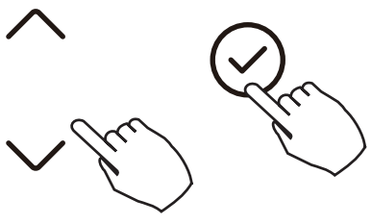


Press “ ^ ” or “ v ” to set the room temperature, then press CONFIRM.

NOTE: This setting is unavailable in the FAN or OFF modes.

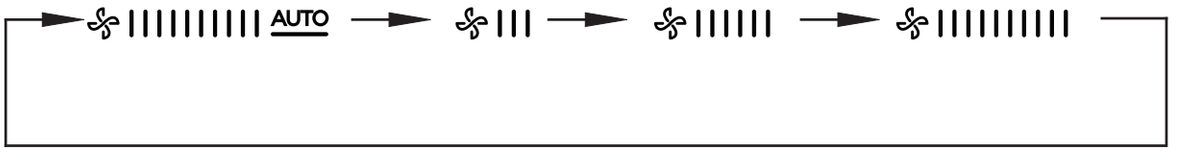
12. Weekly Timer 2

7 Fan speed setting



Press “ ^ ” or “ v ” to set the fan speed then press CONFIRM.

NOTE: This setting is unavailable in the AUTO, DRY or OFF modes.



---

8 Different scheduled events can be set by repeating steps 3 through 7.

9 Additional days in a one week period can be set by repeating steps 3 through 8.

NOTE: The weekly timer setting can be returned to the previous step by pressing BACK. The current setting is restored. The controller will not save the weekly timer settings if there is no operation within 30 seconds.

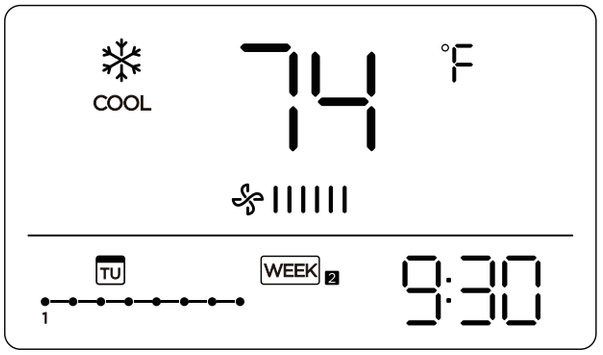
12. Weekly Timer 2

WEEKLY timer operation

To start

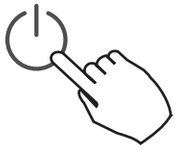
Press TIMER to select the WEEK 2, the timer will start automatically.





ex.

To cancel



Press the POWER button for 2 seconds to cancel the timer mode.

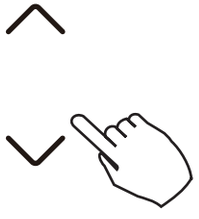


The timer mode can also be canceled by changing using the TIMER button.

To set the DAY OFF (for a holiday)

1 

After setting the weekly timer, press CONFIRM.

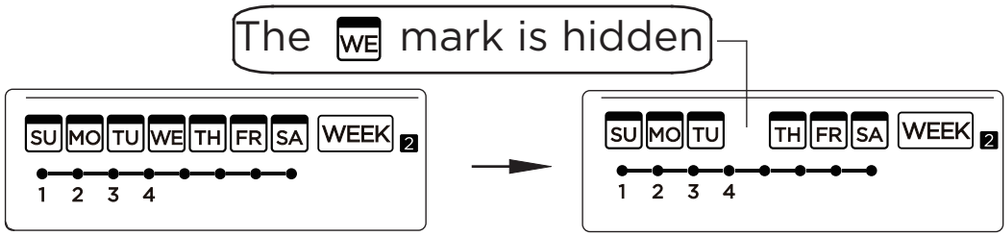
2 

Press “ ∧ ” or “ ∨ ” to select the day of the week.

12. Weekly Timer 2

3 

Press DAY OFF to create an off day.



ex.The DAY OFF is set for Wednesday

4 Set the DAY OFF for other days by repeating the steps 2 and 3.

5 

Press BACK to revert to the weekly timer.

To cancel, follow the same procedures used for setup.

NOTE: The DAY OFF setting is cancelled automatically after the set day has passed.

Copy setting from one day to other days.

A scheduled event made on one day can be copied to another day of the week. All scheduled events of the selected will be copied.

1 

In the WEEKLY TIMER function, press CONFIRM.

12. Weekly Timer 2

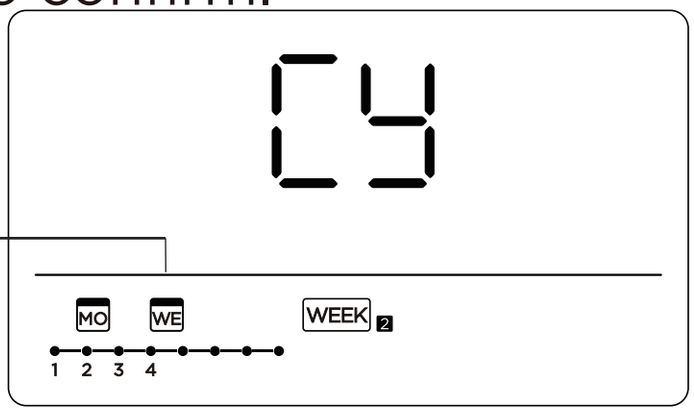
2 Press “ ^ ” or “ v ” to select the day to copy from.

3 Press the COPY button, the letters “CY” will display on the LCD.

4 Press “ ^ ” or “ v ” to select the day to copy to.

5 Press COPY to confirm.

The WE mark flashes quickly



ex. Copy the setting of Monday to Wednesday

6 Other days can be copied by repeating steps 4 and 5.

7 Press CONFIRM to confirm the settings.

8 Press the Back button to return to the weekly timer.

12. Weekly Timer 2

Delete the time scale.

1 

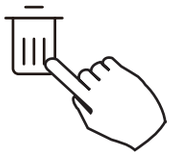
During the weekly timer setting, press CONFIRM.

---

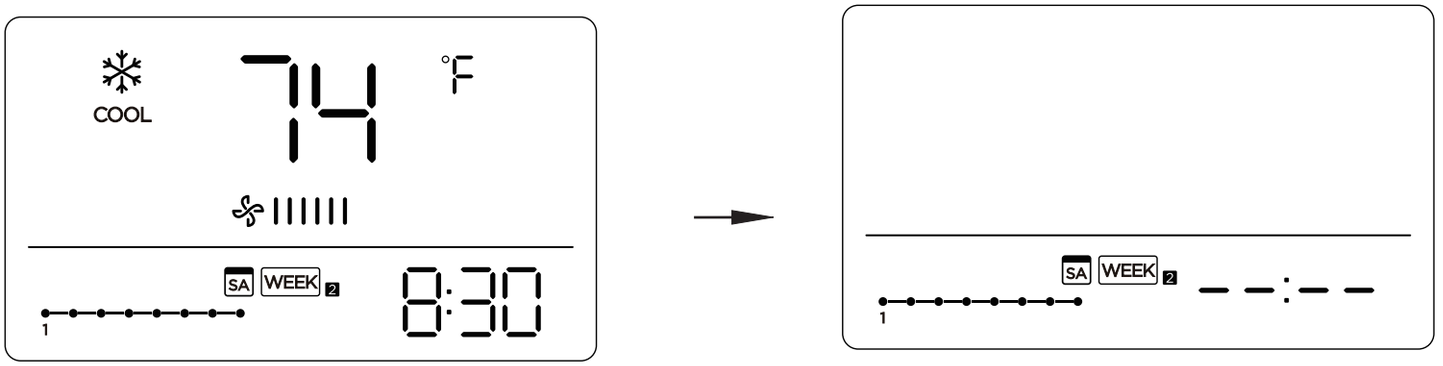
2 ^ v 

Press “ ^ ” or “ v ” to select the day of the week and then press CONFIRM.

---

3 ^ v 

Press “ ^ ” or “ v ” to select the time setting you want to delete. The time set, mode, temperature and fan speed appear on the LCD and can be deleted by pressing the DEL (day off) button.



ex. Delete the time scale 1 for Saturday

13. Fault alarm handing

If the system does not operate properly, review the previously mentioned cases for possible malfunction causes or investigate the system's fault codes according to the following procedures:

NO.	MALFUNCTION & PROTECTION DEFINE	DISPLAY DIGITAL TUBE
1	Error of communication between wire controler and indoor unit	EH63

If the error displayed on the wired controller is different from that on the unit, check the unit's installation and user manuals.

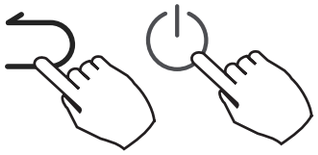
14.Technical indication and requirement

EMC and EMI comply with the CE certification requirements.

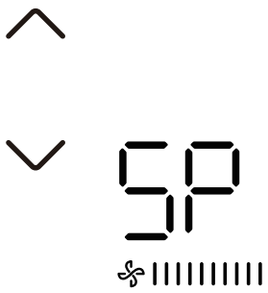
15.Queries and settings



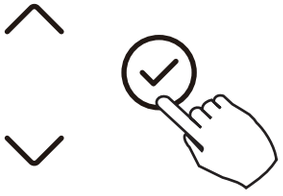
Press the COPY button for 3 seconds. P:00 will be displayed if connected to a single indoor unit. If connected to multiple indoor units, press "∧" or "∨" to display P:01, P:02, etc., then press Confirm to enter the query indoor unit Tn (T1~T4) temperature and fan fault (CF). Press "∧" or "∨" to select.



If no operation is detected for 15 seconds or the BACK button is pressed, the system will exit the query temperature function.



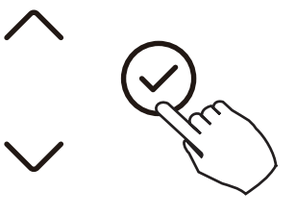
When the air conditioning unit is off, in the query function of TEMPERATURE, press “ ∧ ” or “ ∨ ” to select SP, press CONFIRM to adjust the static pressure value.



When the air conditioning unit is off, in the query function of TEMPERATURE, press "∧" or "∨" to select AF, and press CONFIRM to enter test mode. Press BACK, ON/OFF or CONFIRM to exit test mode. In AF mode, the test is completed after 3~6 minutes and automatically exits. If the test is in process, press BACK, ON/OFF or CONFIRM to interrupt the test and exit.

15.Queries and settings

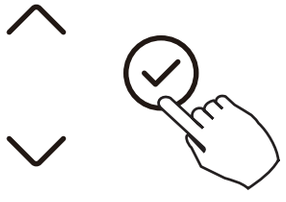
Follow me function temperature compensation



When air conditioning unit is off, in the QUERY function of TEMPERATURE, press "∧" or "∨" to select tF (compensation temperature). The compensation temperature range is 23°F~41°F (-5°C~5°C). Press CONFIRM to enter setting state, press "∧" or "∨" to select the temperature, then press CONFIRM to complete.

tF

tF : compensation temperature



When the air conditioning unit is off, in the query function of TEMPERATURE, press "∧" or "∨" to select type. Press CONFIRM to enter setting state, press " " or " " to select the type, then press CONFIRM to complete.

tYPE

CH: AUTO COOL DRY HEAT FAN

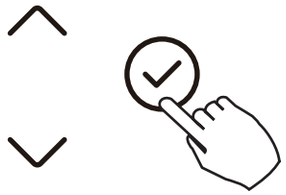
HH: HEAT FAN

CC: COOL DRY FAN

NA: COOL DRY HEAT FAN

15.Queries and settings

Set the highest and lowest temperature values



When the air conditioning unit is off, in the QUERY function of TEMPERATURE, press "∧" or "∨" to select tHI or tLO. Press CONFIRM to enter setting state. Press "∧" or "∨" to select the temperature, press CONFIRM to complete.

The highest setting temperature range : 77~86°F

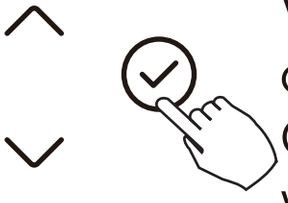
The lowest setting temperature range: 60.8~75.2°F



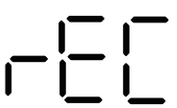
tHI : Highest value setting function.

tLO : Minimum value setting function.

Remote control function selection of wire controller

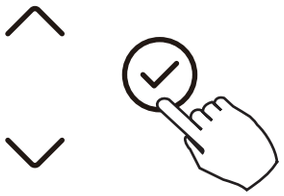


When the air conditioning unit is off, in the QUERY function of TEMPERATURE, press "∧" or "∨" to select rEC. ON or OFF will be displayed in the temperature areas to indicate whether it is valid or invalid. When the selection is invalid, the controller does not process any remote control signals. Press CONFIRM to enter setting state, press "∧" or "∨" to select the temperature, then press CONFIRM to complete.



15.Queries and settings

Two - line controller address selection

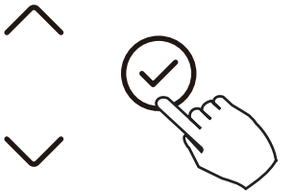


When the air conditioning unit is off, in the QUERY function of TEMPERATURE, press "∧" or "∨" to select Adr. The temperature zone will display -- or A, B (-- refers to the code setting of the wired controller). Press CONFIRM to enter the setting state, press "∧" or "∨" to select the temperature, then press CONFIRM to complete.

Adr -- : The code setting ⊖ of the controller shall prevail.

Adr : The wire controller address setting.

Restore factory Settings



When the air conditioning unit is off, in the QUERY function of TEMPERATURE, press "∧" or "∨" to select INIt. The temperature zone will display "--". Press CONFIRM to enter setting state, press "∧" or "∨" to select ON, then press CONFIRM to complete.

INIt INIt : Restore factory Settings .

15.Queries and settings

After the wire controller resumes the factory parameter setting, the rotating parameter setting is:

Restored to 10 hours (the highest and lowest temperatures are not set)

The compensation of body temperature is uncompensated

COOL and HEAT/single COOL mode is restored to COOL and HEAT mode

Restored temperature range to the factory setting.

Remote receiving function is restored

The address of the two-control first-line controller is restored to the code switch.

16.Wireless control connection

SAFETY PRECAUTION

- Read the safety precautions carefully before installing the unit.
- Stated below are important safety issues that must be obeyed. Applicable system: IOS, Android. (Suggested: IOS 9.0 and above, Android 6.0 and above.)

NOTE:

- Due to special situations that may occur, we explicitly claim: Not all of the Andriod and IOS systems are compatible with APP. We will not be responsible for any issues as a result of the incompatibility.

Wireless safety strategy

- Smart kit only supports WPA-PSK/WPA2-PSK encryption and WPA-PSK/WPA2-PSK encryption is recommended.

16.Wireless control connection

⚠ CAUTION

- Please Check The Service Website For More Information.
- Smart Phone camera needs to be 5 million pixels or above to make sure it scans QR codes well.
- Due to different network situations, sometimes request time-out could happen, thus, it is necessary to do network configuration again.
- Due to different network situation, control process may time-out sometimes. If this situation occurs, the display between board and App may not be the same.

NOTE:
Company will not be liable for any issues and problems caused by Internet, Wireless Router and Smart Devices. Please contact the original provider to get further help.

16.Wireless control connection

DOWNLOAD AND INSTALL APP

On an app market (Google Play Store, Apple App Store), search for "Cooper&Hunter Remote" and find the Cooper&Hunter Remote app. Download and install it on your phone. You can also download the app by scanning the QR code below.

Android

iOS

- Please ensure your mobile device is connected to Wireless Network router and the Wireless Network router has already connected to Internet before beginning user registration and network configuration.
- Make sure your mobile device has already been connected to the Wireless Network which you want to use. Also, you need to forget other irrelative Wireless Network in case it influences your cofigura-tion process.

16.Wireless control connection

NETWORK CONFIGURATION

⚠ CAUTION

- It is necessary to forget any other around network and make sure the Android or IOS device just connect to the Wireless Network you want to configure.
- Make sure the Android or IOS device Wireless Network function works well and can be connected back to your original Wireless Network network automatically.

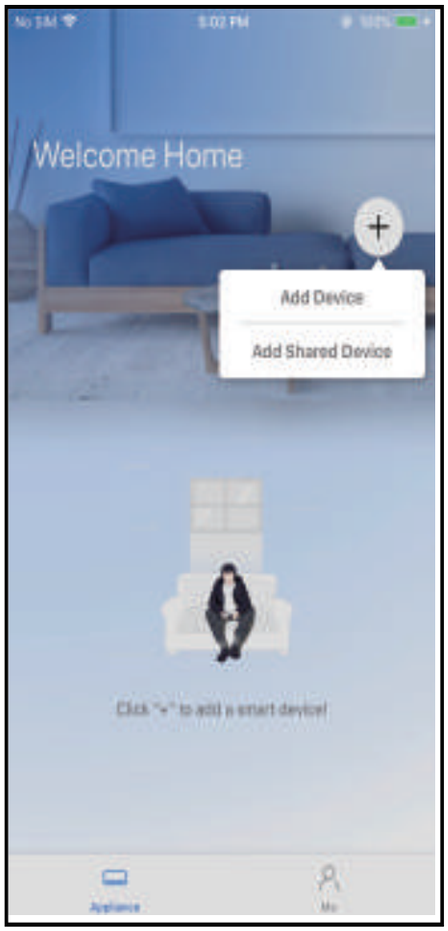
How to enter AP distribution network

Press the FUNCTION button until the icon is selected and then press the CONFIRM buttton. AP mode is activiated if the icon is blinking.

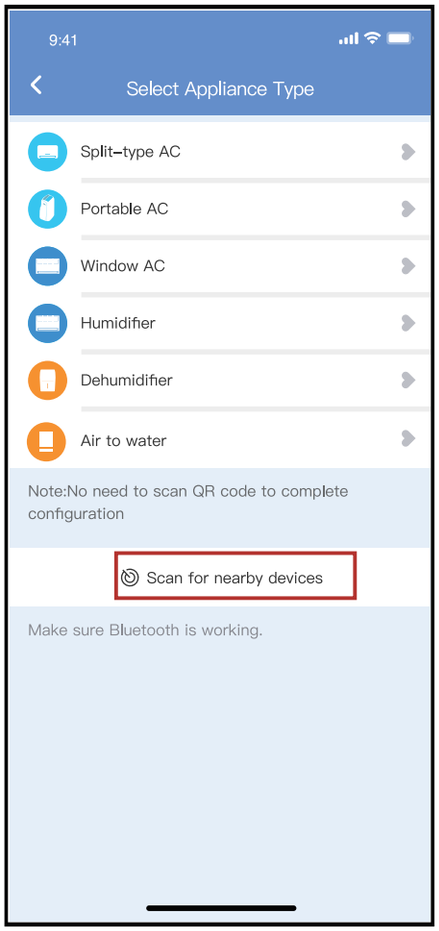
16.Wireless control connection

Network configuration by Bluetooth scan

Note: Make sure the bluetooth of your mobile device is working.

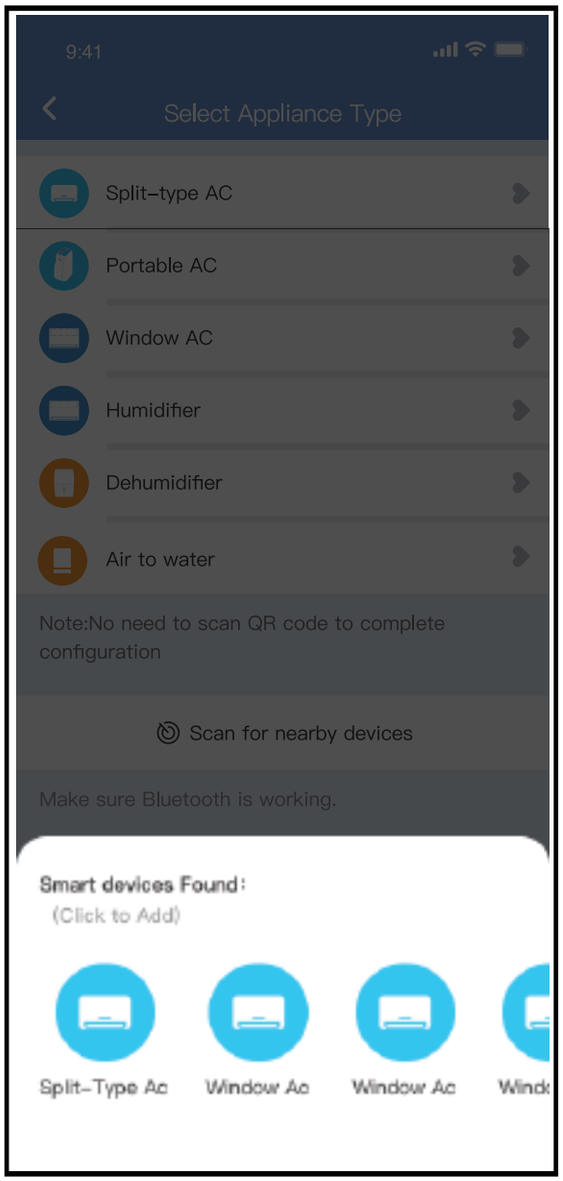


① Press “ + Add Device ”

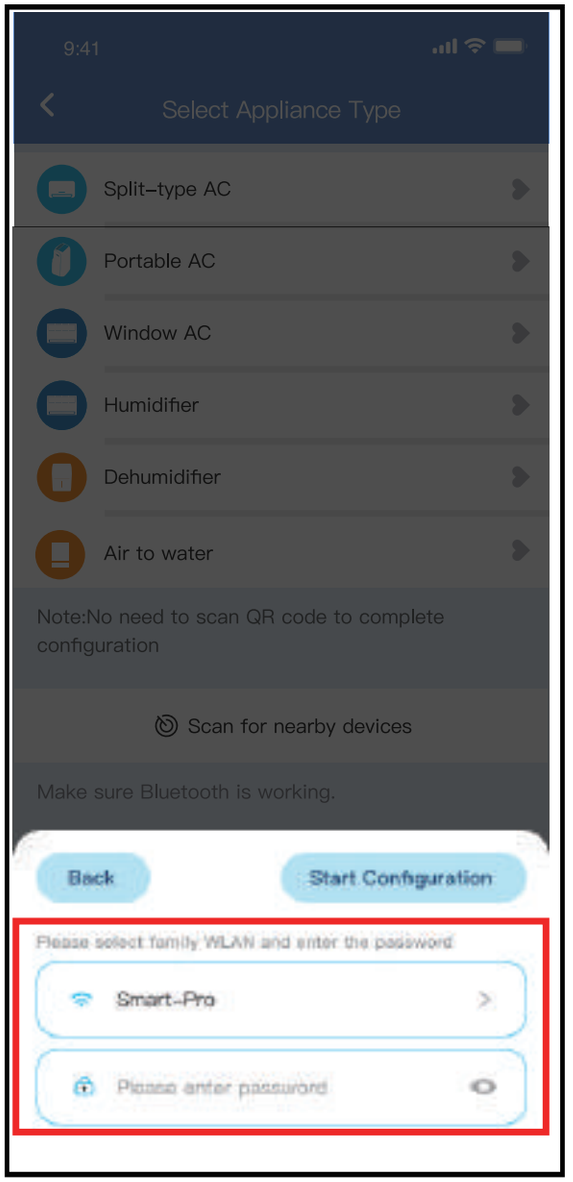


② Press “Scan for nearby devices”

16.Wireless control connection

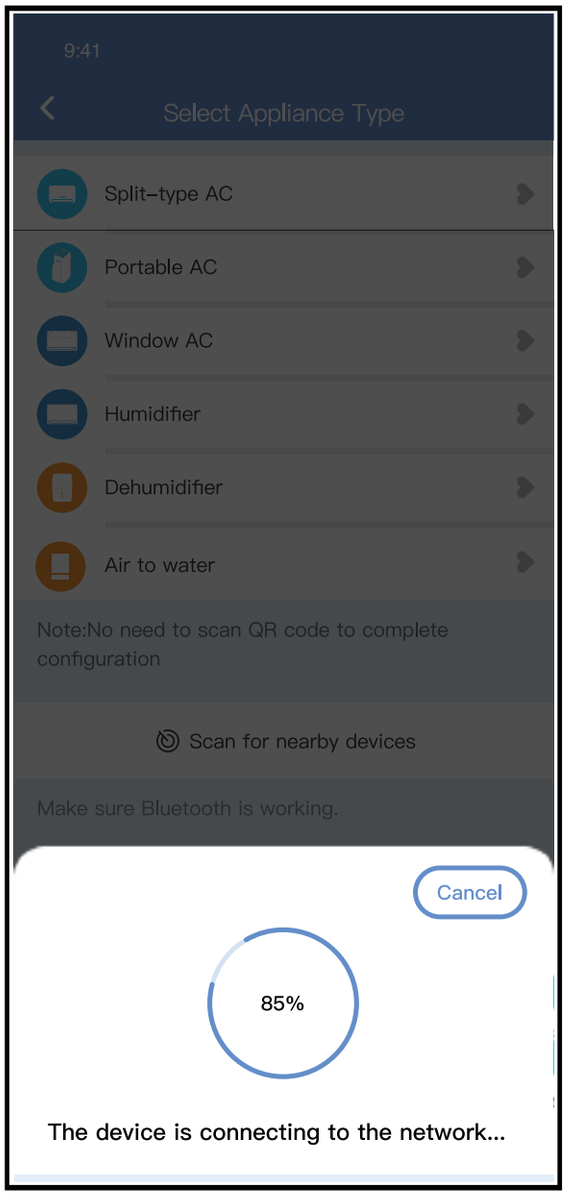


③ Find smart device, then click to add it

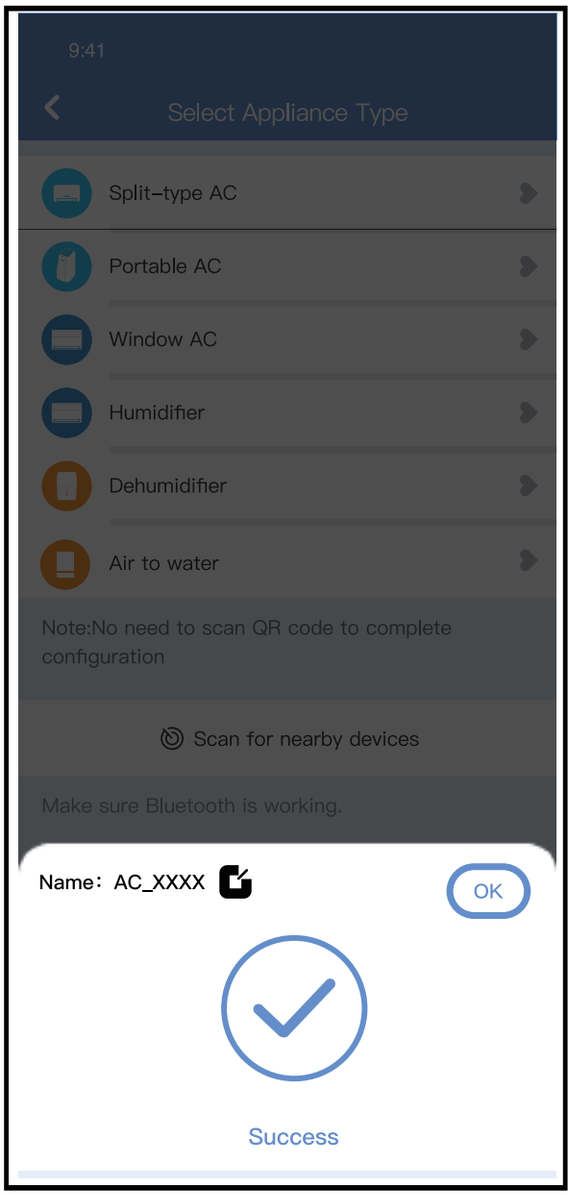


④ Select home Wireless, enter the password

16.Wireless control connection

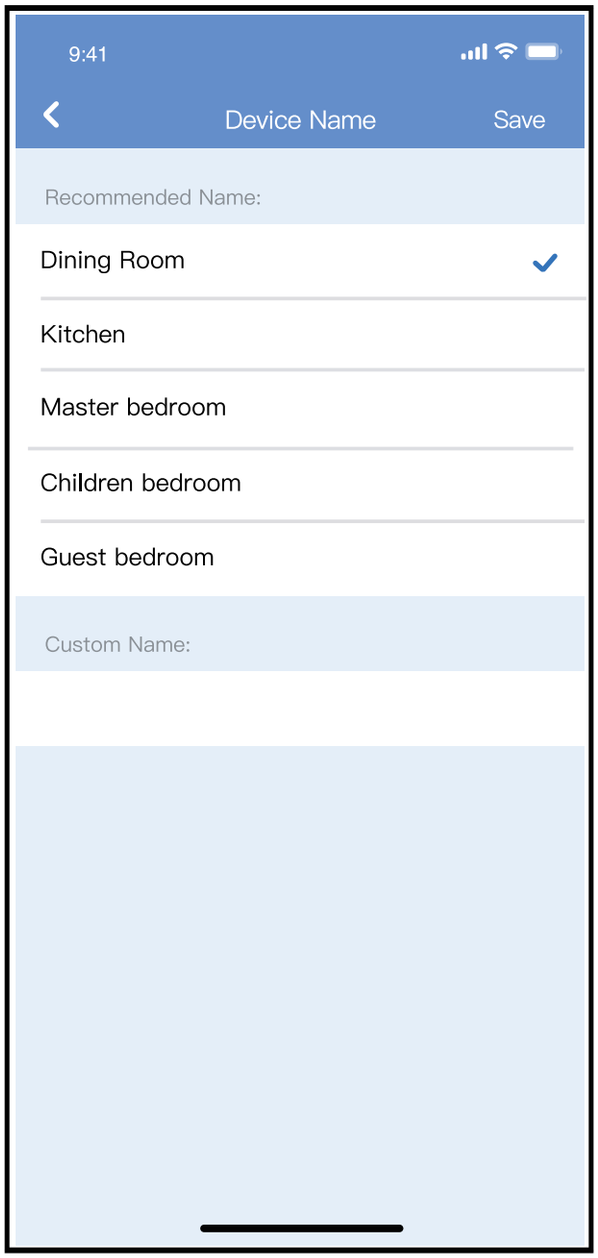


⑤ Connecting to the network

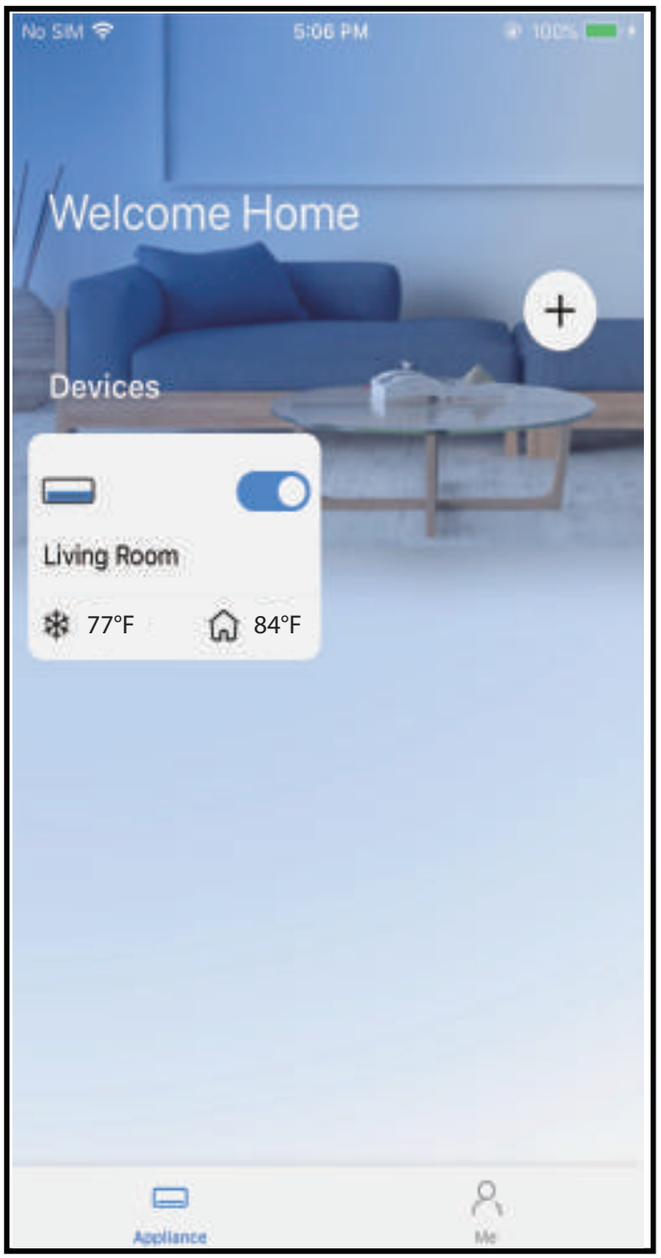


⑥ When configuration is successful, you can modify the default name.

16.Wireless control connection



⑦ You can choose an existing name or customize a new name.



⑧ Bluetooth network configuration is successful, now you can see the device in the list.

16.Wireless control connection

NOTE:

- Make sure your devices are powered on.
- Keep your mobile phone close enough to your device when you are connecting network to your device.
- Connect your mobile phone to the wireless network at home, and make sure you know the password of the Wireless Network.
- Check if your router supports 2.4 GHz Wireless Network band and turn it on. If you are not sure whether the router supports 2.4 GHz band, please contact the router manufacturer.
- The device cannot connect to the Wireless Network that requires authentication, and it usually appears in public area such as hotels, restaurants, etc. Please connect to a Wireless that does not require authentication.
- It is recommended to use a Wireless Network name that only contains letters and numbers. If your Wireless Network name contains special characters, please modify it in the router.
- Turn off the WLAN+ (Android) or WLAN Assistant (iOS) function of your mobile phone when connecting network to your devices.
- If your device connected to anotherWireless Network and needs to reconnect, please click "+" on app Home page, and add your device again following the instructions on app.

16.Wireless control connection

APP DECLARATION

We hereby declare that this Smart Kit is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. A copy of the full DoC is attached. (European Union products only)

CAUTIONS: WirelessNetwork module models: Smart Kit

FCC ID: 2ADQOMDNA21

IC: 12575A-MDNA21

This device complies with Part 15 of the FCC Rules and it contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s).

Operation is subject to the following two conditions:

(1) This device may not cause interference;and

(2) This device must acceptany interference,including interference that may cause undesired operation of the device.

Only operate the device in accordance with the instructions supplied. Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 20cm (8 inches) during normal operation.

16.Wireless control connection

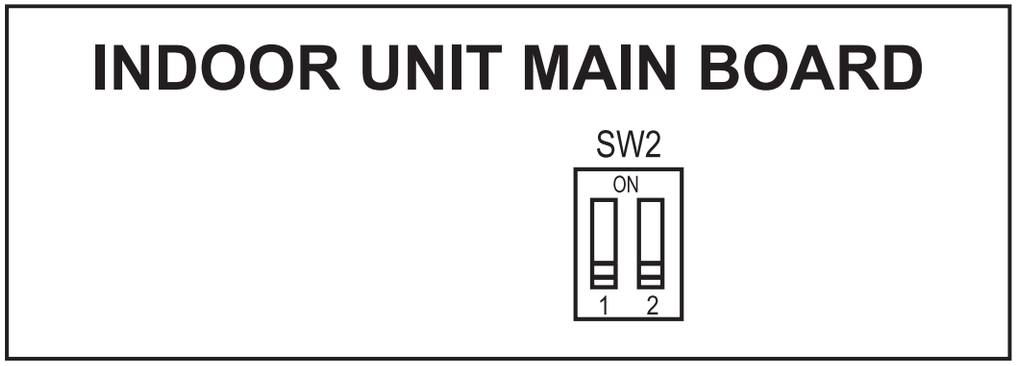
NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

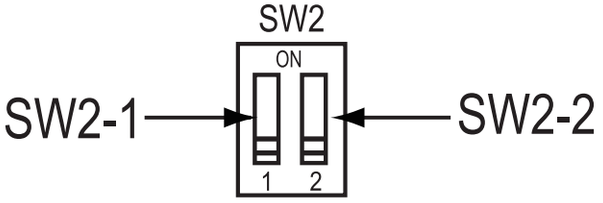
Breezeless function of dip switch.

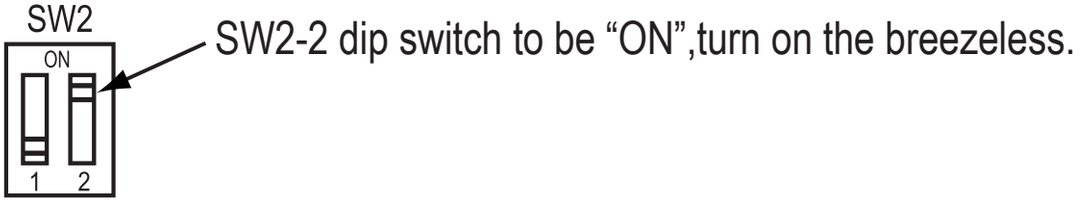
NOTE: This feature is only available under cool mode.
This feature is for some models.

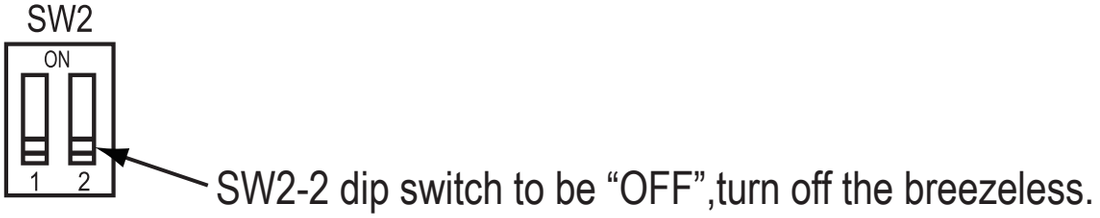


SW2 has 2 dip switch: SW2-1 and SW2-2

SW2-2 is to control the breezeless function.









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