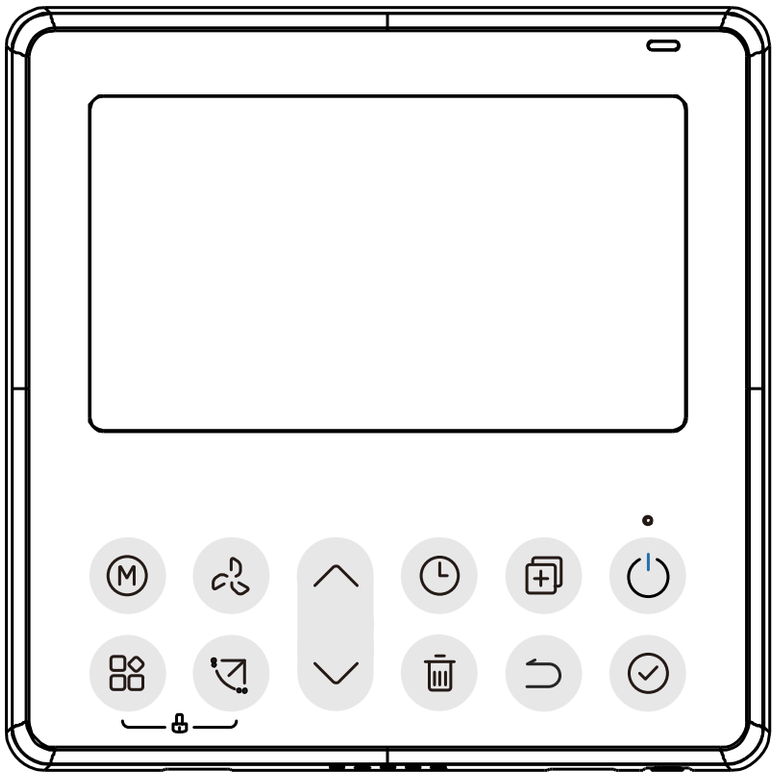
Wired Remote Controller
Ductless Systems
KSACN1401AAA

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 125°F (52°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).

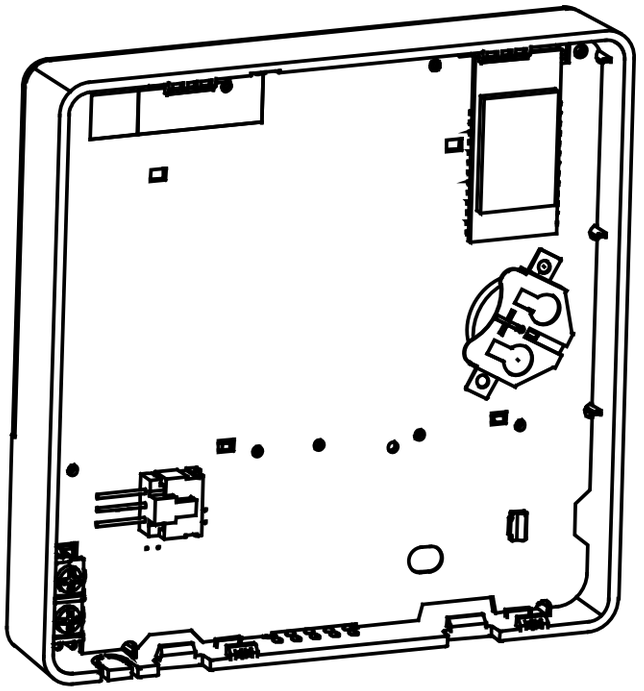
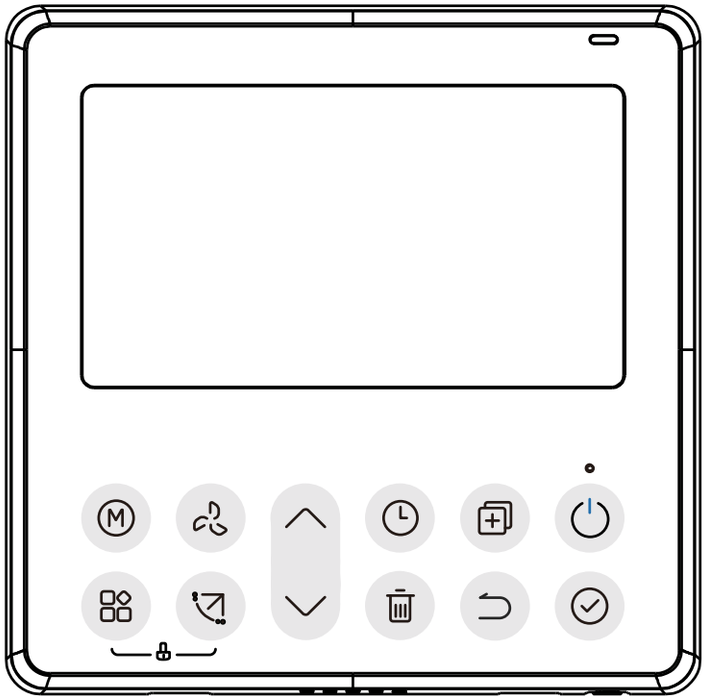


Fig. 1 —Battery Location

  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.

FEATURES AND FUNCTION OF WIRED CONTROLLER



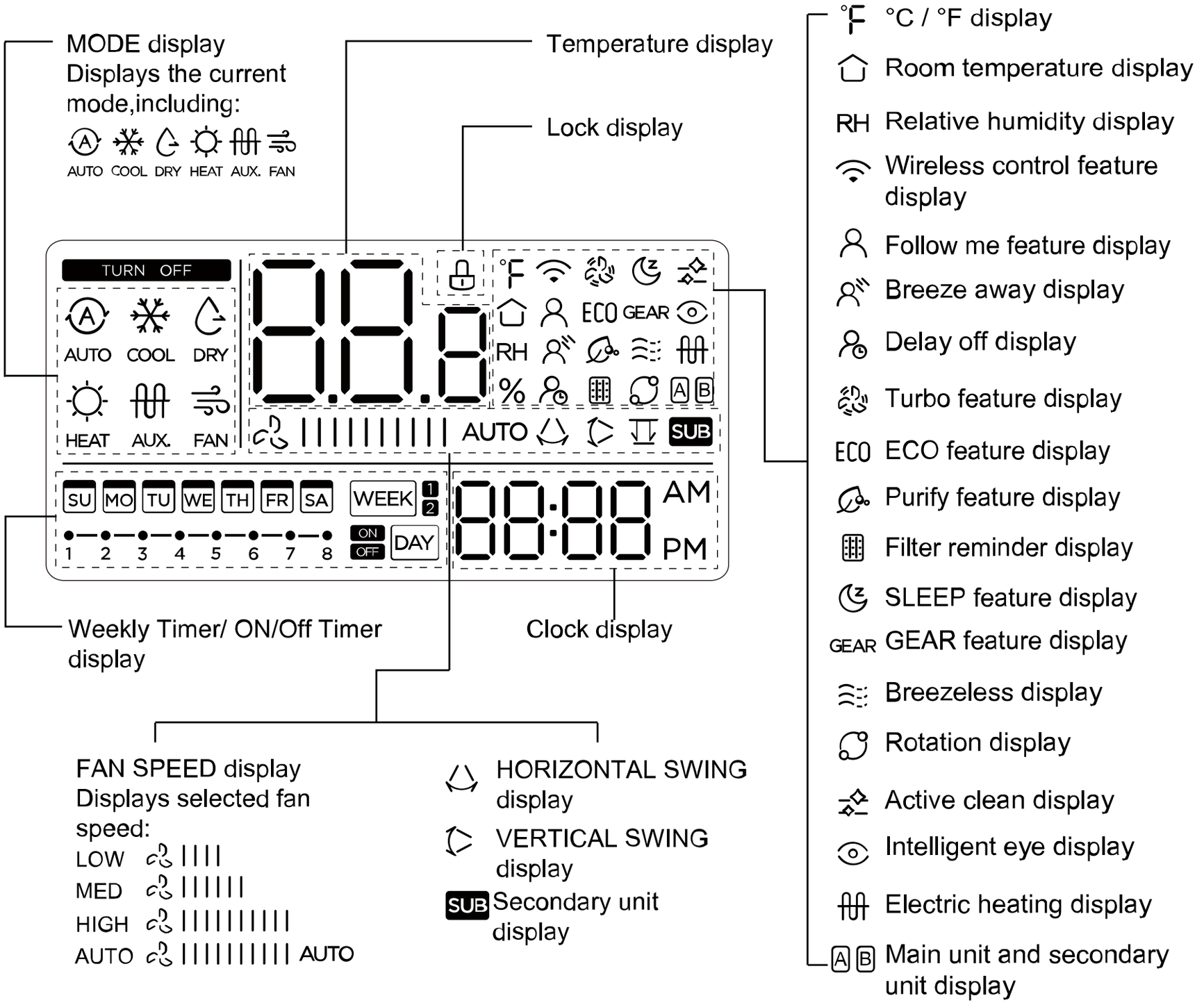
Feature:

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

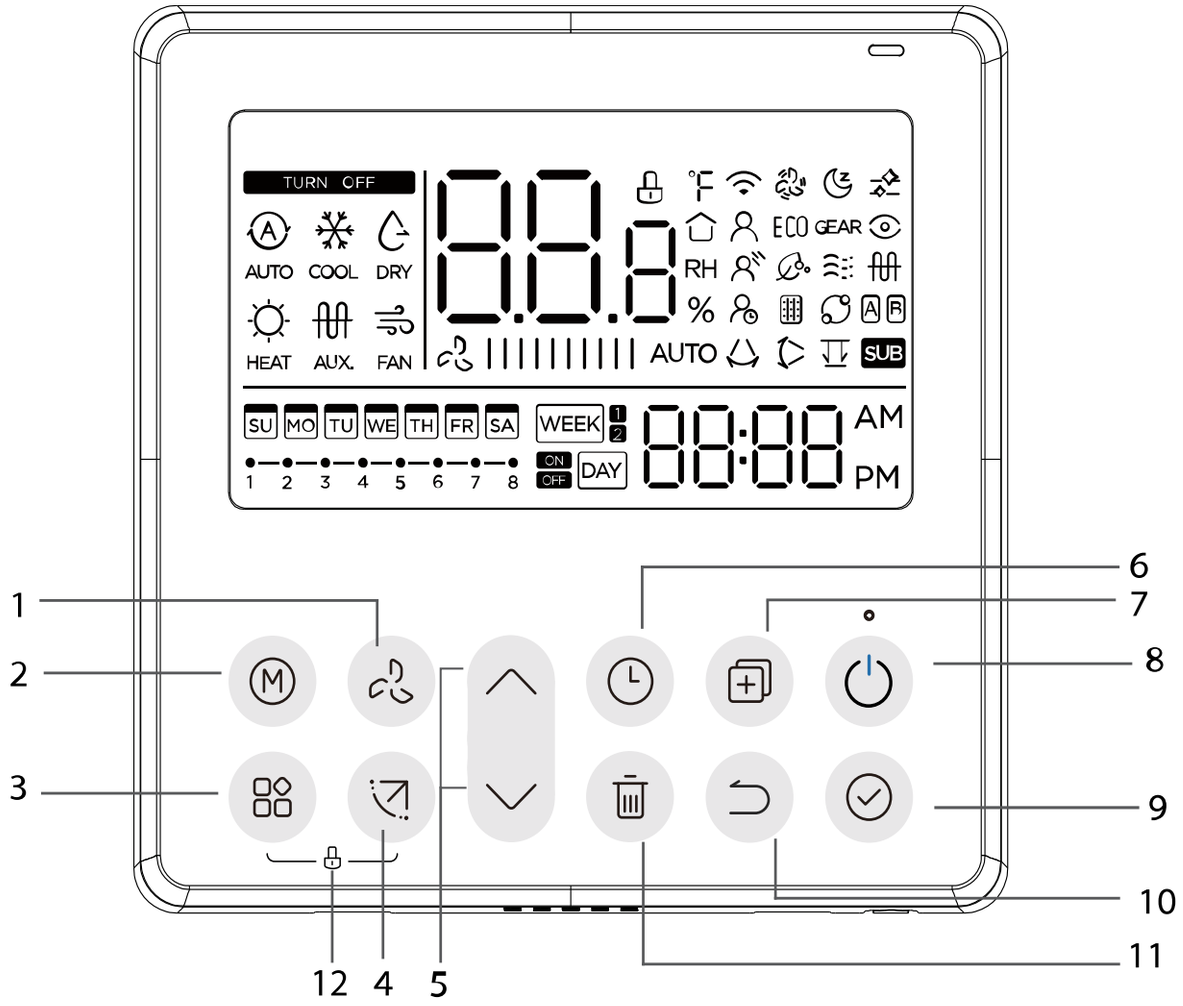
Function:

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

LCD IDENTIFICATION ON WIRED CONTROLLER



BUTTON IDENTIFICATION ON WIRED CONTROLLER



1 FAN SPEED button
2 MODE button
3 FUNC. 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

PREPARATORY OPERATION

Set the current day and time:

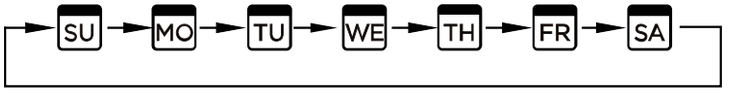
1 

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

---

2 ^ v

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



---

3 

The date setting is finished and the time setting is prepared after pressing Timer button or CONFIRM button or there is no pressing button in 10 seconds.

---

4 ^ v

Press the button " ^ " or " v " 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 done after pressing CONFIRM button or there is no pressing button in 10 seconds.

Time scale selection

6  

Press the buttons " (L) " and " 🗑 " for 2 seconds to choose between the 12h and 24h display.

OPERATION

To start/stop operation:

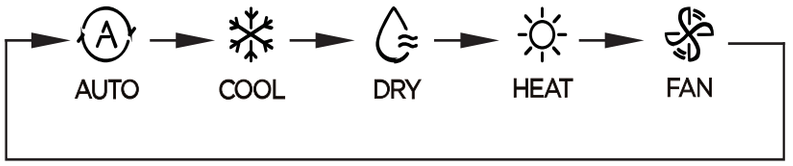


Press the Power button.

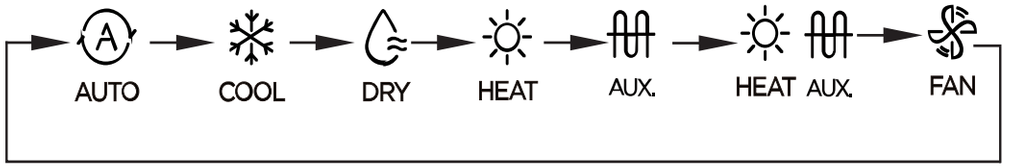
To set the operation Mode:



Press this button to select the operation mode:



If the indoor unit has Electric heating(Emergent heating) feature, press this button to select the operation mode:

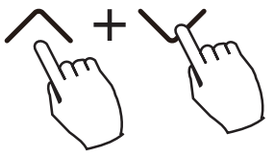


- When the mode is selected as emergency heating (or electric heating) mode, AUX. is displayed, the fan speed is Auto. The Sleep, 46-degree heating, Turbo, and Lead/Lag functions are not available in emergency heating mode.
- When the mode is selected as heating & electric heating mode, HEAT AUX. is displayed, and the Turbo and Lead/Lag functions are disabled.

Room temperature setting

Press the button“ ^ ”or“ v ” 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)

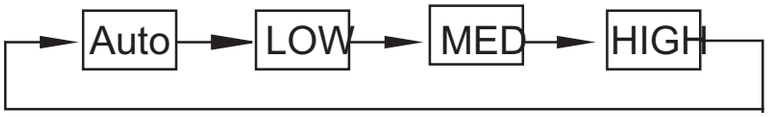


Press the buttons “^” and “ v ” for 3 seconds will alternate the temperature display between the °F & °C scale.

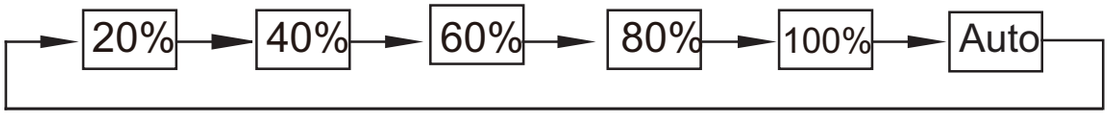
Fan speed setting

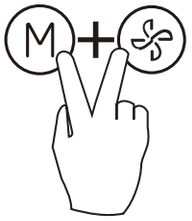


Press the Fan speed button to set the fan speed. (This button is unavailable under Auto or Dry mode)



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





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

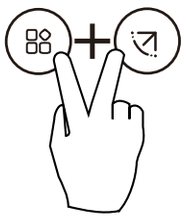
46°F (8°C) degree heating function (on some models)



When the heating mode is 50°F (10°C) / 60°F (16°C) / 62°F (17°C) / 68°F (20°C), press the down button twice within 1 second to turn on the 8 ° heating function, and press the Power, Mode, adjust , Fan speed, Timer, and Swing button to cancel the 46°F (8°C) heating function.

NOTE: For some models, the 46°F (8°C) heating function can only be set by remote control. You cannot choose this function by wired controller.

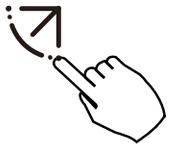
Child lock function:



Press the buttons "⊞" and "◁" for 3 seconds to activate the child lock function and lock all buttons on the wire controller. You can't press the button to operate and receive the remote control signal after the child lock is activate.
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 the 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 it again to stop.

2 Left-Right swing

Press the Swing button for 2 seconds to start Left-Right swing function. The " ↔ " mark appears. Press it for 2 seconds again to stop.

Swing function (for units without vertical swing function):



- Use Swing button to adjust the Up-down airflow direction and start the auto swing function.

1.Each time you press this button, the louver swings an angle of 6 degrees. Press this button until the desired direction reaches.

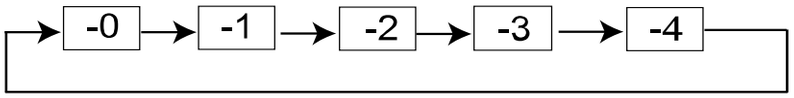
2.If press and hold the button for 2 seconds, the auto swing is activated. The " " mark appears. Press it again to stop. (some units)

- For the units with four Up-Down louvers, it can be operated individually.



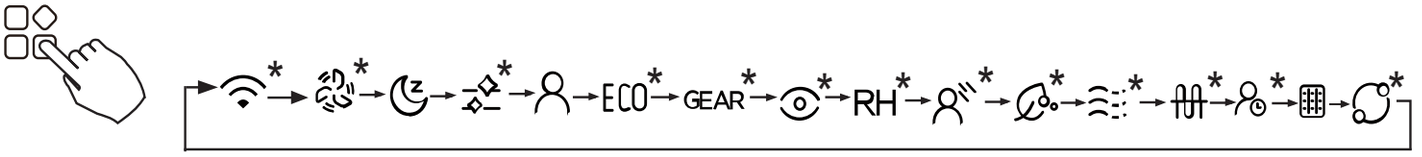
1.Press the Swing button to activate the Up-Down adjusting louver function.
The mark will flash.(Not applicable to all the models)

2.Pressing the button " " 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.)



3. And then use Swing button to adjust the Up-Down airflow direction of the selected louver.

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



[*]: Model dependent. If the indoor unit has no this function, it will not display.

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

Turbo function (on some models)

Under COOL/HEAT mode, press the FUNC. button to activate the turbo function. Press the button again to deactivate the turbo function. When the turbo function is activated,the " " mark appears.

EMERGENCY HEAT function (on some models)

In heating operation, for the units with electric heating feature, press this button to activate electric heating mode. When the EMERGENCY HEAT function is activated, the " " mark appears.

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

Follow me function indicator

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

Intelligent eye display

1. This function is valid in any mode of power-on state.
2. When the indoor unit sending wire controller has the smart eye function, press the function key to select the smart eye icon, press the OK key to turn on the smart eye, and light up the smart eye icon at the same time; when the smart eye is turned off, the smart eye icon goes out.
3. Shutdown, switch mode, turn on self-cleaning, turning on 46°F (8°C) heating function automatically cancels the smart eye function.

NOTE: Intelligent Eye Display is only available in High Tier and Mid- Tier models.

Filter reset function

After the indoor unit sends the wire controller filter usage time, the filter cleaning prompt icon lights up, press the function key to select the filter cleaning prompt icon, and press the OK key to reset the filter screen time. The filter cleaning reminder icon goes out.

Humidity setting function:

1. When the indoor unit sending wire controller has dual control function of temperature and humidity, in dehumidification mode, press the function key to select the RH icon, press the confirm key to enter the humidity control mode, the RH icon flashes, press the up and down keys to adjust the humidity. The setting range is OFF->35%~85%, adjusted with 5% humidity. Exit humidity adjustment state after 5 seconds of inactivity.
2. After entering the humidity control mode, press the up and down keys to adjust the set temperature and display the set temperature for 5 seconds, and then restore the set humidity display.
3. After switching the mode, exit the humidity control mode.

Lead/Lag and Back-up indication

When there are two units, press the button to select the Lead/Lag function, and press “Confirm” to turn on or off the Lead/Lag function.

1. Press “Confirm” to set the Lead/Lag time, then press the button “ ∧ ” or “ ∨ ” to set the time. Setting time range: 1~99h, the default time is 10 hours.
2. Set high temperature at which both units will run. Select 78 - 90°F (26-32°C) to activate this feature or the symbol, - - to defeat this feature. When this feature is ON and the ambient temperature is in the range of 78-90°F (26-32°C), then both units will run at a set-point of 74°F (24°C)
3. Set the low-temperature at which both units will run. Select 41 - 60°F (5-15°C) to activate this feature or the symbol, - - to defeat this feature. When this feature is ON and the ambient temperature is in the range of 41-60°F (5-15°C), then both units will run at a set-point of 74°F (24°C) at the same time in HEAT mode.
4. Set which machine will run first. Select A or B.
5. After this function is turned on, as long as the air conditioner is running at the setting hour, it will automatically turn on another air conditioner and turn off the current air conditioner. Press the POWER button to switch to another one immediately. A or B icons flicker to indicate the corresponding air conditioning failure. Automatically switch to another machine when running time is reached or machine failure occurs.

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 operatesand air conditioner operation starts after the time has passed.

OFF DAY

Off timer

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

ON OFF DAY

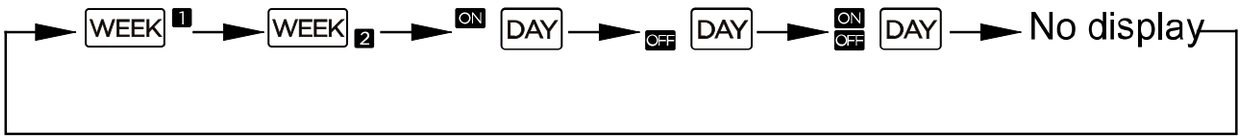
On and Off timer

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.

To set the on or off TIMER:

1 

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

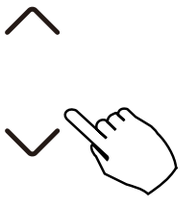


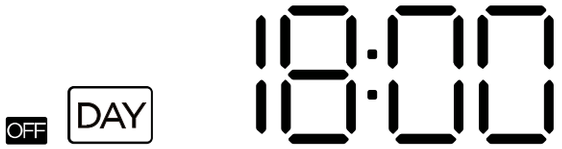
---

2 

Press the Confirm button and the Timer display is flashing.

---

3 



ex.Off timer set at 18:00

Press the button "^" or "v" to set the time.

After the time is set, the timer will start or stop automatically.

---

4 

Press the Confirm button again to finish the settings.

To set the on and off TIMER:

1 

Press the Timer button to select the ON OFF DAY .

---

2 

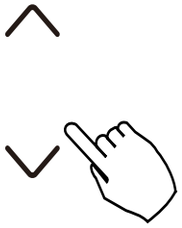
Press the Confirm button and the Clock display is flashing.

---

3 

Press the button "∧" or "∨" to set the time of On timer, and then press the Confirm button to confirm the setting.

---

4 

Press the button "∧" or "∨" to set the time of Off timer.

---

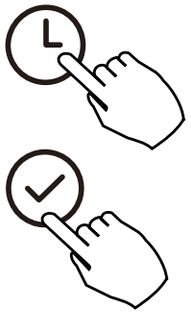
5 

Press the Confirm button to finish the settings.

NOTE: The secondary wired controller cannot set the timer.

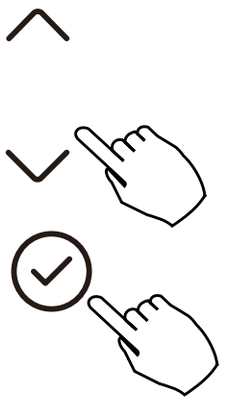
WEEKLY TIMER 1

1. Weekly timer setting:

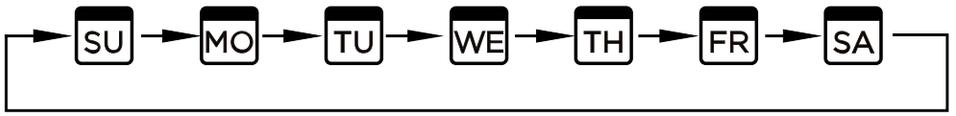


Press the Timer button to select the WEEK 1 and then press the Confirm button to confirm.

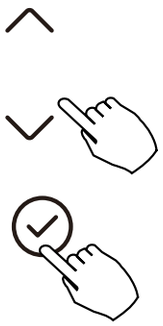
2. Day of week setting:



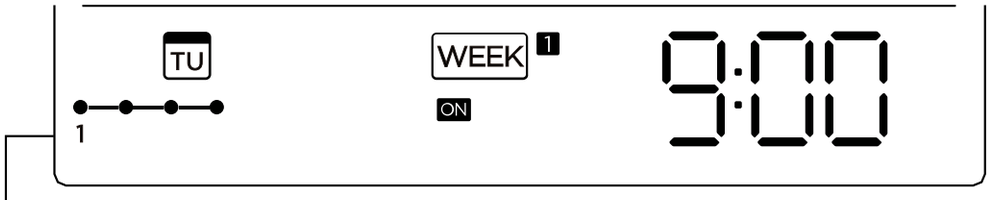
Press the button " ^ " or "v" to select the day of the week and then press the Confirm button to confirm the setting.



3. ON timer setting of timer setting 1:



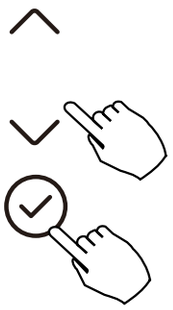
Press the button "∧" or "∨" to set the time of On timer and then press the Confirm button to confirm the setting.



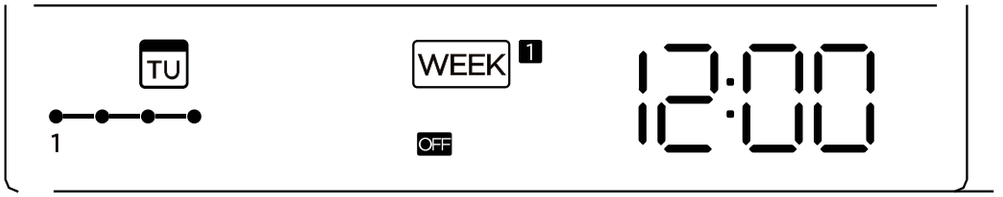
ex.Tuesday time scale 1

Up to 4 timer settings can be saved for each day of the week. It is conventent if the WEEKLY TIMER is set according to the user's life style.

4. Off timer setting of timer setting 1:



Press the button "∧" or "∨" to set the time of Off timer and then press the Confirm button to confirm the setting.



ex.Tuesday time scale 1

5. Different timer settings can be set by repeating steps 3 - 4.

6. Other days in one week can be set by repeating steps 2 - 5.

NOTE: The weekly timer setting can be returned to the previous step by pressing Back button.The time of timer setting can be delete by pressing Day off button. The current setting will be restored and withdraw the weekly timer setting automatically when there is no operation for 30 seconds.

Weekly Operation

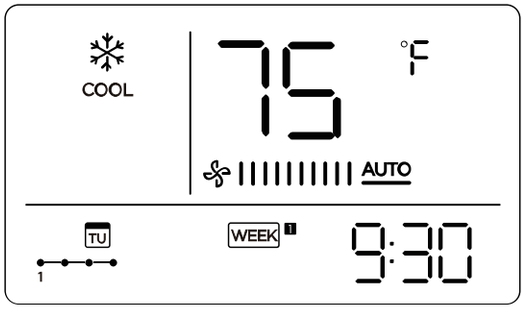
To activate WEEKLY TIMER operation:

To activate WEEKLY TIMER operation



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

ex.

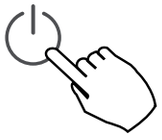


To deactivate WEEKLY TIMER operation

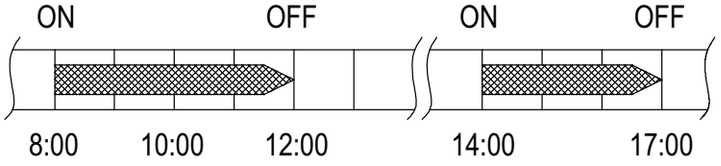


Press the Timer button, WEEK 1 disappears from the LCD.

To turn off the air conditioner during the weekly timer



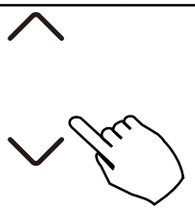
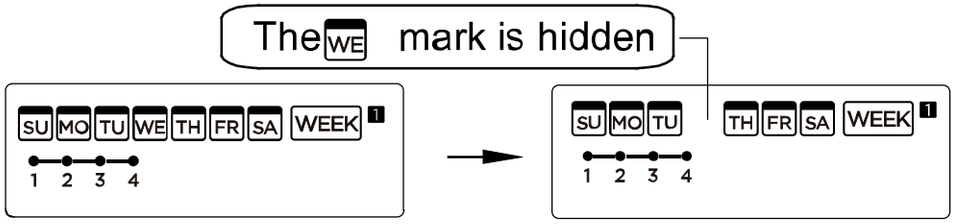
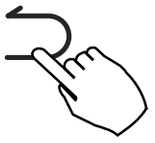
1. If press the Power button once and quickly , the air conditioner will turn off temporarily. And the air conditioner will turn on automatically until the time of On timer.



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

2. When press the Power button for 2 seconds , the air conditioner will turn off completely,at the same time cancel the timing function.

To set DAY OFF (for a holiday):

1		During the weekly timer, press the Confirm button.
2		Press the button "∧" or "∨" to select the day in this 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 setted for other days by repeating the steps 2 and 3.
5		Press the Back button to back to the weekly timer.

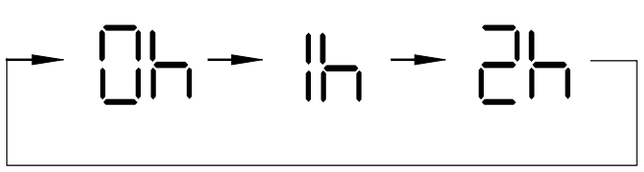
To cancel： Follow the same procedures as those for setup.

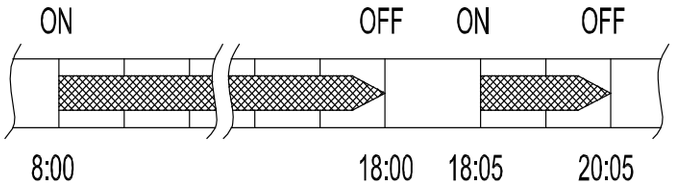
NOTE:

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

DELAY function:

During the weekly timer, press the FUNC. button , select the delay function and press the Confirm button,display" 0h" " 1h "" 2h" and wait 3 seconds to confirm. When the delay function is activated,the "⏲" mark appears.
The delay function can only be enabled in Weekly Timer 1 and Weekly Timer 2.





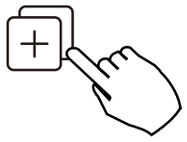
ex. If press select "2h" at 18:05, the air conditioner will delay to turn off at 20:05.

Copy out the setting in one day into the other day.

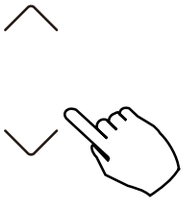
A reservation made once can be copied to another day of the week. The whole reservation of the selected day of the week will be copied. The effective use of the copy mode ensures ease of making reservations.

1 During the weekly timer, press the Confirm button.

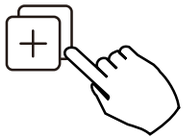
2 Press the button "∧" or "∨" to select the day to copy from.

3 

Press the Copy button,the letter “CY” will be shown on the LCD.

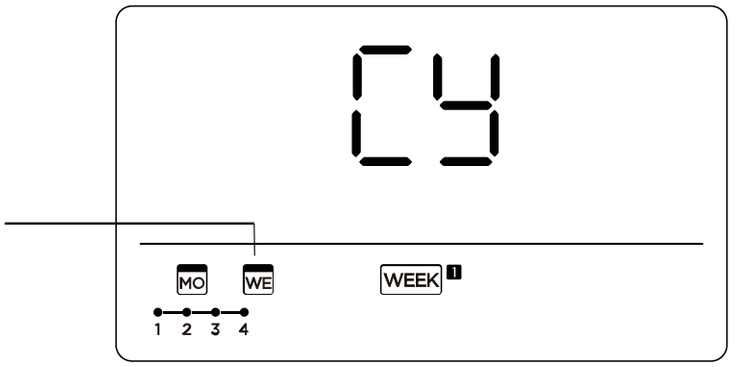
4 

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

5 

Press the Copy button to confirm .

The WE mark flashes quickly

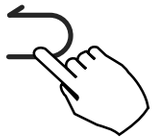


ex. Copy the setting of Monday to Wednesday

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

7 

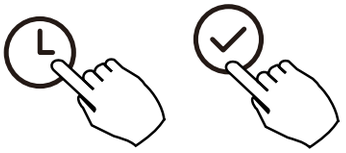
Press the Confirm button to confirm the settings.

8 

Press the Back button to back to the weekly timer.

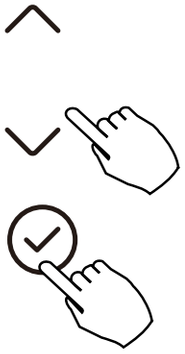
WEEKLY TIMER 2

1 Weekly timer setting

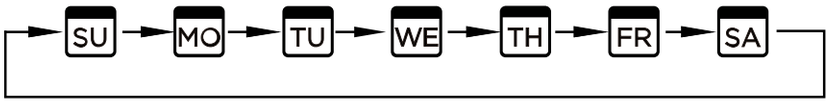


Press Timer to select the WEEK 2 and press Confirm.

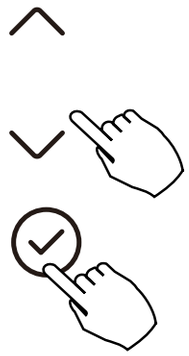
2 Day of the week setting



Press " ﹀ " or " ﹀ " to select the day of the week and then press CONFIRM.

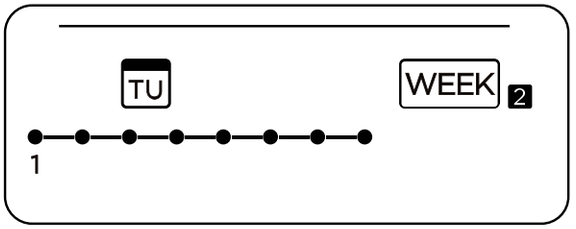


3 ON timer setting of timer setting 1



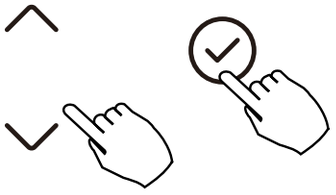
Press " ﹀ " or " ﹀ " to select the setting time. The setting time, mode, temperature and fan speed appear on the LCD. Press CONFIRM to enter the setting time process.

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



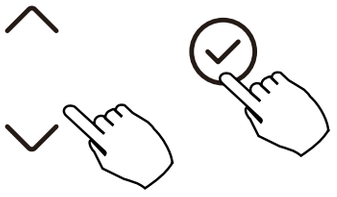
ex.Tuesday time scale 1

4 Time setting

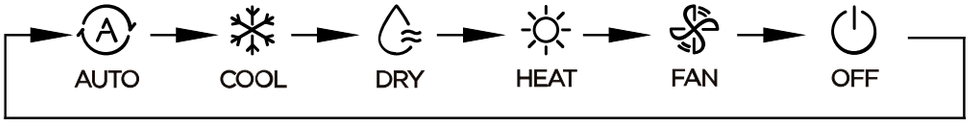


Press " ^ " or " v " to set the time, then press CONFIRM.

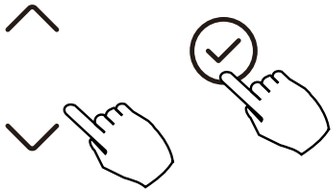
5 Operation mode setting



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

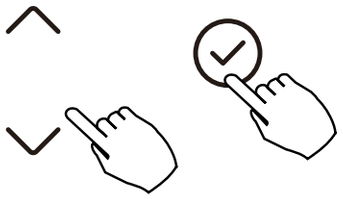


6 Room temperature setting



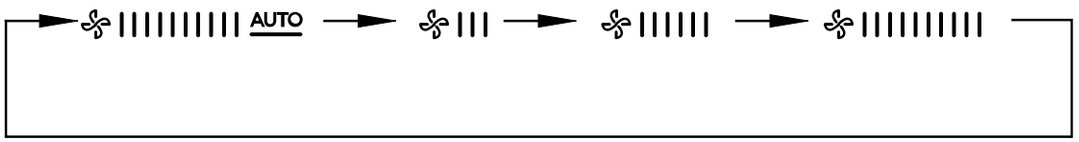
Press " ^ " or " v " to set the room temperature, then press CONFIRM.
NOTE: This setting is unavailable in the FAN or OFF modes.

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.

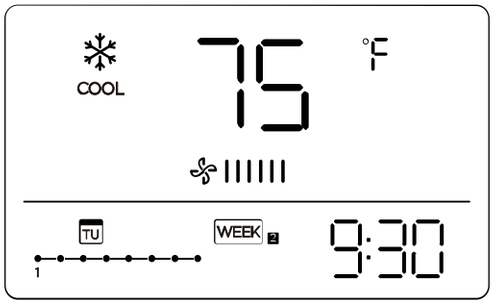
WEEKLY timer operation

To activate WEEKLY TIMER operation:

To start



Press Timer to select the WEEK 2 and then the timer starts automatically.



ex.

To cancel



Press the Power buttons for 2 seconds to cancel the timer mode.

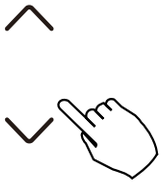


The timer mode can also be canceled by changing the timer mode using Timer.

To set the DAY OFF (for a holiday)

1 

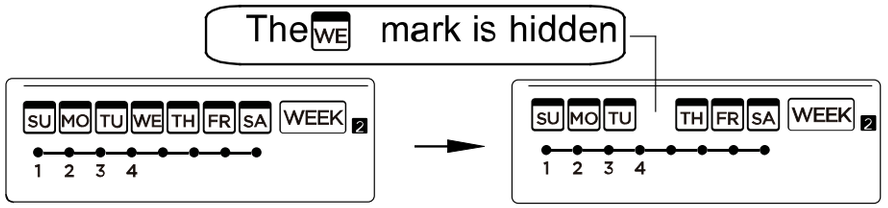
After setting the weekly timer, press CONFIRM.

2 

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

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 out the setting in one day into the other day.

A scheduled event, made once, can be copied to another day of the week. The scheduled events of the selected day of the week will be copied. The effective use of the copy mode ensures the ease of reservation making.

1 

In the weekly timer, press CONFIRM.

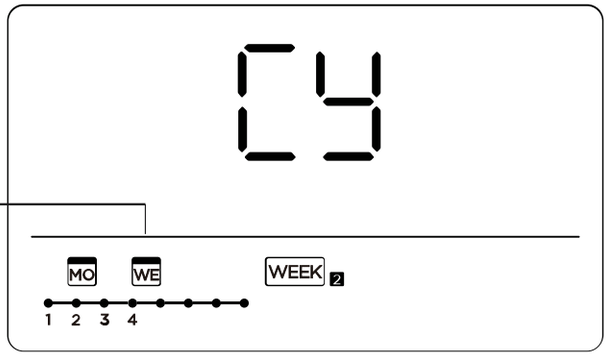
2 Press "∧" or "∨" to select the day to copy from.

3 Press COPY, the letters CY appear on the LCD.

4 Press "∧" or "∨" 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.

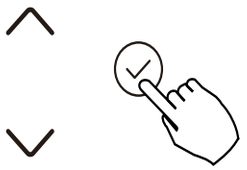
7 Press CONFIRM to confirm the settings.

8 Press BACK to revert to the weekly timer.

Delete the time scale in one day

1 

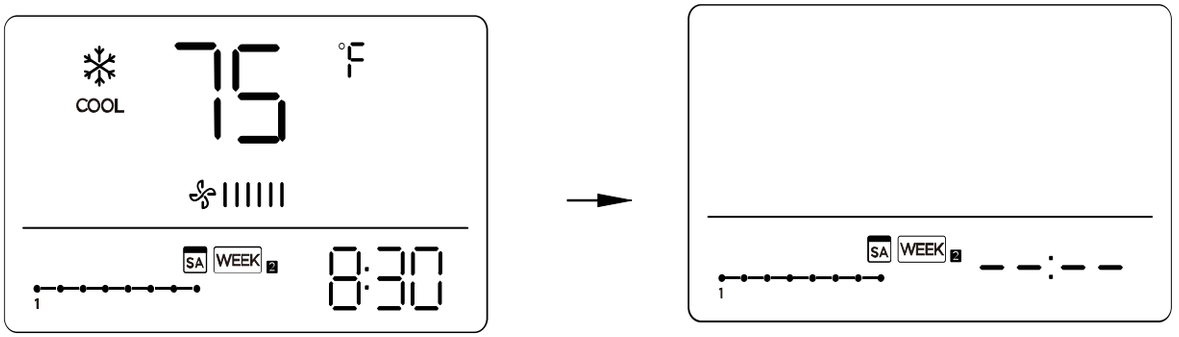
During the weekly timer setting, press CONFIRM.

2 

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

3 

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



ex. Delete the time scale 1 in saturday

FAULT ALARM HANDLING

If the system does not properly operate accept the above mentioned cases or the above mentioned malfunctions are evident, investigate the system according to the following procedures:

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

The errors displayed on the wire controller are different from those on the unit. If error code appears, please refer to Table 1 - Error Codes.

Table 1 — Error Codes

Display	Malfunction and Protection Indication	Display	Malfunction and Protection Indication
ECC1	Other indoor unit refrigerant sensor detects a leak (multi-zone)	PC08	ODL Current Protection
EC07	Outdoor DC fan motor speed out of control	PC10	ODL AC voltage too low protection
EC51	ODU EEPROM error	PC11	ODL DC bus voltage too high protection
EC52	Condenser coil temperature sensor (T3) error	PC12	ODL DC bus voltage too low protection
EC53	ODU temperature sensor (T4) error	PC30	System pressure overload protection
EC54	ODU exhaust temperature sensor error	PC31	System pressure too low protection
EC55	ODU IPM module temperature sensor error	PC40	Communication failure between outdoor main control chip and the driver chip
EC56	ODU T2B sensor	PC41	Compressor current sampling circuit failure
EH00	IDU EEPROM error	PC42	Compressor starting failure
EH0A	Indoor EEPROM Parameter error	PC43	Compressor lost phrase protection
EHC1	Refrigerant Sensor detects a leak	PC44	Compressor zero speed protection
EHC2	Working condition of the refrigerant sensor is out of range and a leak is detected	PC45	Voltage drop
EHC3	Working condition of the refrigerant sensor is out of range	PC46	Compressor speed out of control
EH02	Zero-crossing signal detection error	PC49	Compressor over current error
EH03	Indoor fan motor speed is out of control	PC0A	Condenser high temperature protection

EH31	Protection for low DC bus voltage of the external fan	PCOF	PFC failure
EH32	Protection for high DC bus voltage of the external fan	PCOL	Outdoor low temperature protection
EH60	IDU ENV temperature T1 sensor error	PH09	IDU anti-cold wind stop machine
EH61	IDU pipe temperature T2 sensor error	PH90	Evaporator high temperature protection
EH06	IDU PCB and display communication error	PH91	Evaporator low temperature protection
FH0C	Indoor Unit humidity sensor malfunction	LC01	Condenser high temperature frequency limited (L1)
FHCC	Refrigerant Sensor Error	LC02	Compressor Discharge Pipe High temperature frequency limited (L2)
EL01	IDU and ODU Communication Error	LC03	Current frequency limited (L3)
EL0C	System leaks refrigerant	LC05	Voltage frequency limited (L5)
FH0P	Wireless Module Self-Test Failure	LC06	IPM module temperature frequency limited
FL09	New and old platform mismatch failure	LH00	Evaporator temperature frequency limited (L0)
PC00	ODU IPM Protection	LH07	Remote Control frequency limitation in effect
PC01	ODU Voltage Protection		
PC02	Compressor top temperature (IPM module temperature protection)	---	Mode conflict fault
		nA	No fault or protection
PC03	System Pressure Protection		

If the sensor detects a refrigerant leak, there will be a beep noise coming from indoor unit. No need to panic, the unit will go into turbo mode until error code is cleared. For any error code linked with refrigerant sensor, Please call a technician as soon as possible.

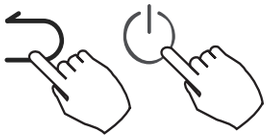
TECHNICAL INDICATION AND REQUIREMENT

EMC and EMI comply with CE certification requirements.

QUERIES AND SETTINGS



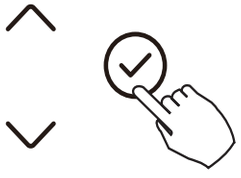
To enter QUERY Mode, power off the indoor unit with the controller. Press “COPY” for 3 seconds , first display P:00, if connected to an indoor unit, display P:00,
if connected to multiple indoor units, press “ ”or“ ”
to display P:01, P:02, and then press “Confirm” to enter the query indoor unit Tn(T1~T4) temperature and fan fault(CF), press“ ”or“ ”to select.



Not operating keys 15 seconds or press “Back” or press “ON/OFF”drop out of query temperature.

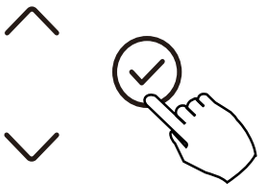


While in QUERY Mode use “ ” or “ ”to select SP, press “Confirm” to adjust the static pressure value.



While in QUERY Mode, use“ ”or “ ”to select AF, press “Confirm” into test mode, press “Back” or press “ON/OFF” or press “Confirm” to exit TEST mode. In AF mode, 3~6 minutes test completion automatically exits, if the test process, press “Back” or press “ON/OFF”or press “Confirm” , the test exits will be interrupted.

Follow me function temperature compensation:

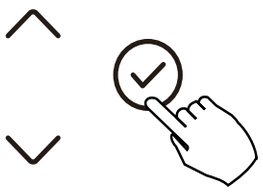


While in QUERY Mode press “ ^ ”or“ v ” to select tF

The compensation temperature Range : 23°F ~ 41°F (-5°C~ 5°C)

Press “Confirm” into setting state, press “ ^ ” or “ v ” to select the temperature, then press “Confirm” to complete it.

tF : compensation temperature



While in QUERY Mode, use the“ ^ ”or “ v ”to select typE.

Press “Confirm” into setting state, press “ ^ ”or “ v ” to select the type, then press “Confirm” to complete.

typE

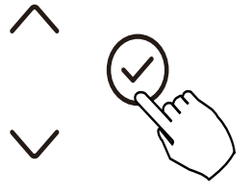
CH: AUTO COOL DRY HEAT FAN

HH: HEAT FAN

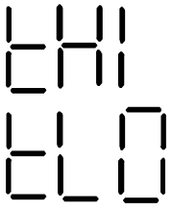
CC: COOL DRY FAN

NA: COOL DRY HEAT FAN

Set the highest and lowest temperature values:



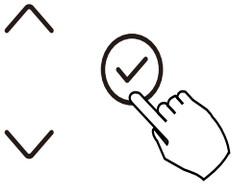
In QUERY Mode, press “ ^ ”or “ v ” to select rEC.
Press “Confirm” into setting state, press “ ^ ”or “ v ” to select the temperature, then press “Confirm” to complete it.
The highest setting temperature range : 77°F ~ 86°F (25°C ~ 30°C)
The lowest setting temperature range: 63°F ~ 75°F (17°C ~ 24°C)



: Highest value setting function.

: Minimum value setting function.

Remote control function selection of wire controller



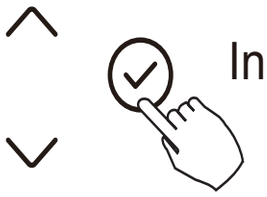
When the air conditioning unit is off, into the query function of temperature, press“ ^ ”or “ v ”to select rEC. ON or OF will be displayed in the temperature area to indicate whether it is valid or invalid.



When the selection is invalid, the wire controller does not process any remote control signals.

Press “Confirm” into setting state, press“ ^ ”or “ v ”to select , then press “Confirm” to complete it.

Two-line controller address selection:



In Query Mode use “ ^ ”or “ v ”to select Adr, the temperature zone will display -- or A, B. Where -- refers to the code setting of the wirecontroller.

Press “Confirm” into setting state, press“ ^ ”or “ v ”to select , then press “Confirm” to complete it.

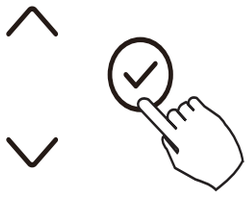


-- : The code setting of the wire controller shall prevail.



: The wire controller address setting.

Restore factory Settings



In Query Mode, press“ ^ ”or “ v ”to select INIt, the temperature zone displayed --.

Press “Confirm” into setting state, press“ ^ ”or “ v ”to select to "ON" , then press “Confirm” to complete it.





: Restore factory Settings .

After the wire controller resumes the factory parameter setting:

- The Lead/Lag parameter setting is restored to 10 hours, the highest and lowest temperatures are not set. The temperature compensation for Follow Me function will be reset to zero.
- COOL and HEAT/single COOL mode is restored to COOL and HEAT mode.
- Temperature range is restored to the factory setting.
- Remote receiving function is restored to be effective.
- The address of the two-control first-line controller is restored to the code switch.

WIRELESS CONTROL CONNECTION

Safety Precautions

Read the safety precautions carefully before installing the unit.

Stated below are important safety issues that must be obeyed. Applicable system: IOS, Android (suggest IOS 9.0 and above, Android 6.0 and above)

NOTE: Not all Android and IOS systems are compatible with the APP. We will not be responsible for any issues as a result of incompatibility.

Wireless safety strategy

Smart kit only supports WPA-PSK/WPA2-PSK encryption and no encryption. WPA-PSK/WPA2-PSK encryption is recommended.

- Please Check The Service Website For more Information.
- Smart Phone camera needs to be 5 million pixels or above to make sure QR code scans well.
- Due to different network situation, request time-out could occur, thus, it is necessary to do network configuration again.
- Due to different network situations, control process may return time-out 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 or smart devices. Please contact the original provider to get further help.

Download and Install APP

- **Android Phone Users:** Go to Google Play, search for the Carrier CliMate, Bryant ControlBox, Payne Panel, or Midea Air app depending on the type of equipment installed and download it.
- **iPhone Users:** Go to the App Store TM, search for the Carrier CliMate, Bryant ControlBox, Payne Panel, or Midea Air application and download it.

- Ensure your mobile device is connected to Wireless Network router and that your wireless network router is already connected to Internet before attempting user registration and network configuration.
- Make sure your mobile device is connected to the wireless network which you want to use. You should forget other irrelevant wireless networks to avoid interference in your configuration process.

Network Configuration

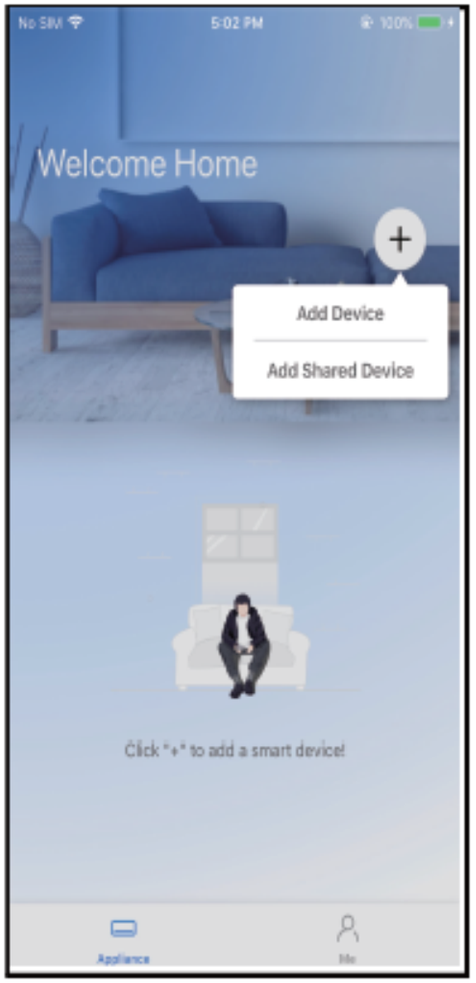
- It is necessary to forget any other connected network and make sure the Android or IOS device just connect to the wireless network you want to configure.
- Make sure the Android or IOS device wireless network function works well and can be connected to your original wireless network automatically.

How to enter AP distribution network:

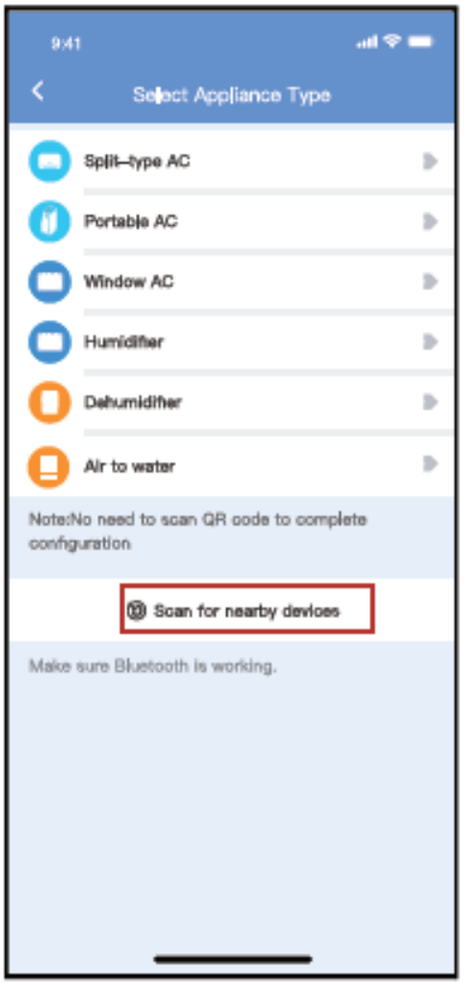
Press the FUNC. button until the icon is selected and then press **CONFIRM**. AP mode is activated if the icon is blinking.

Network configuration by Bluetooth scan

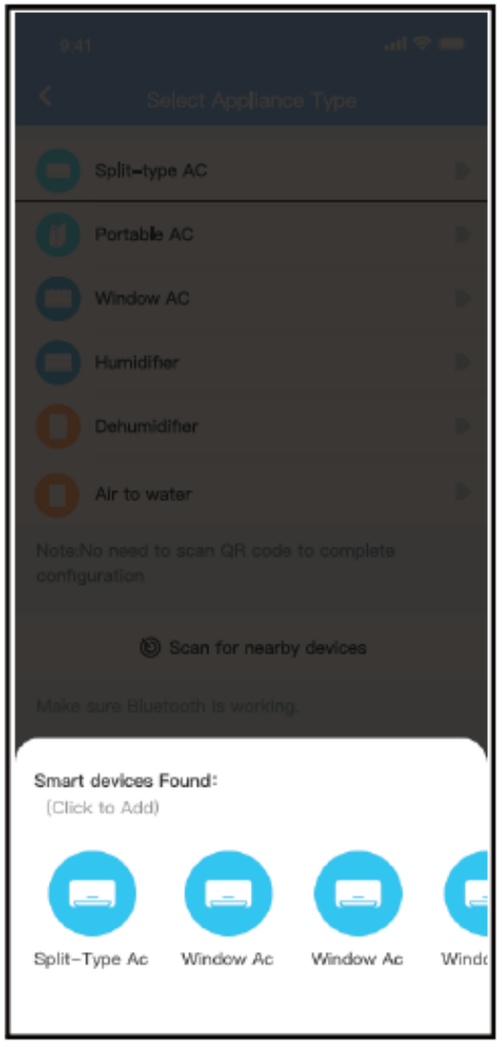
NOTE: Make sure the Bluetooth of your mobile device is working.



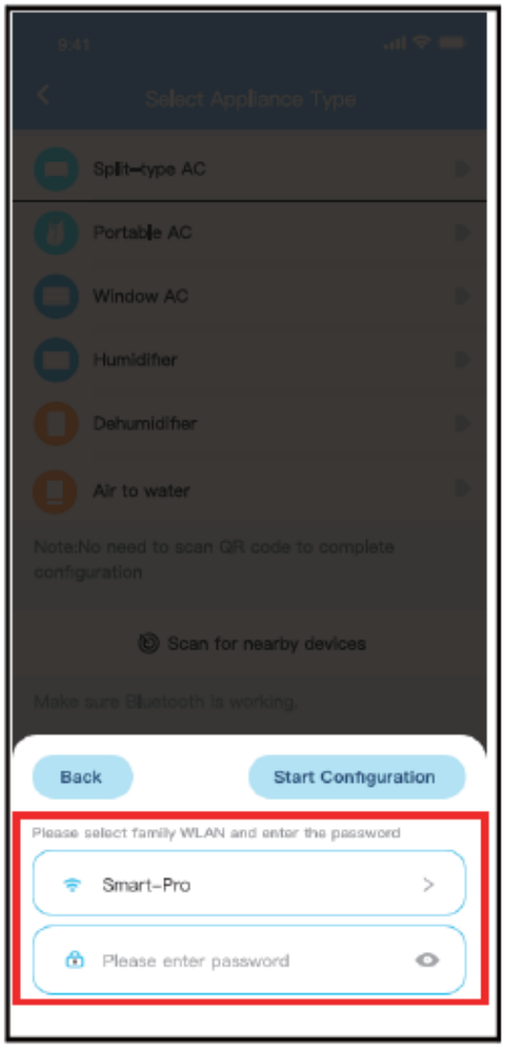
① Press " + Add Device "



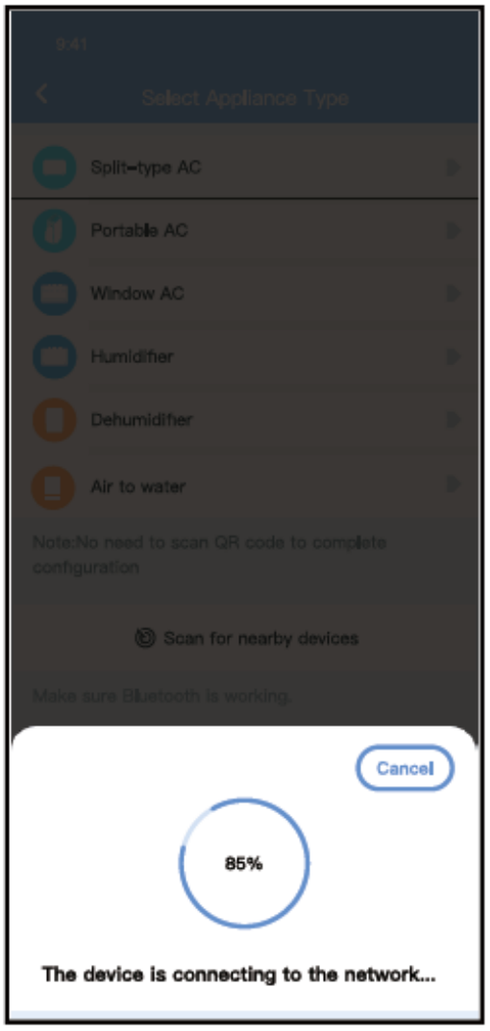
② Press "Scan for nearby devices"



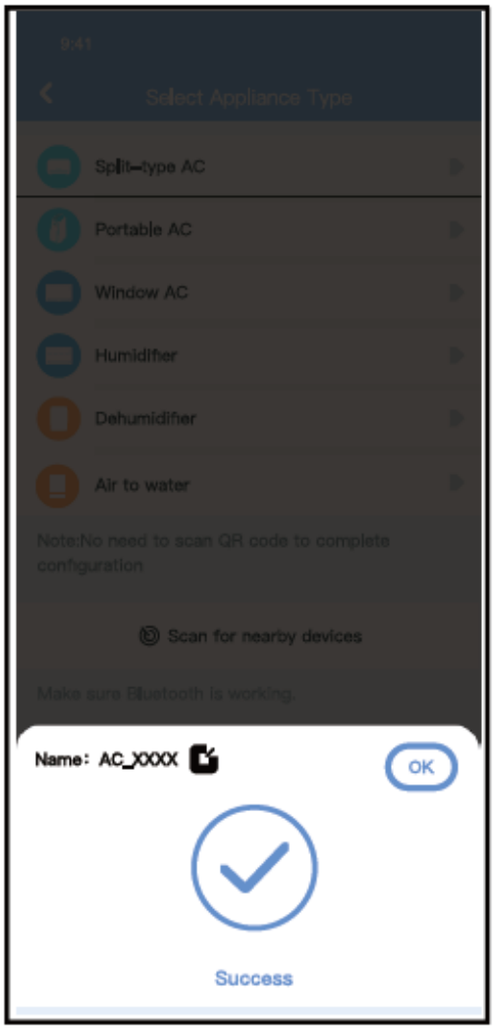
③ Wait smart devices to find, then click to add it



④ Select home Wireless, enter the password



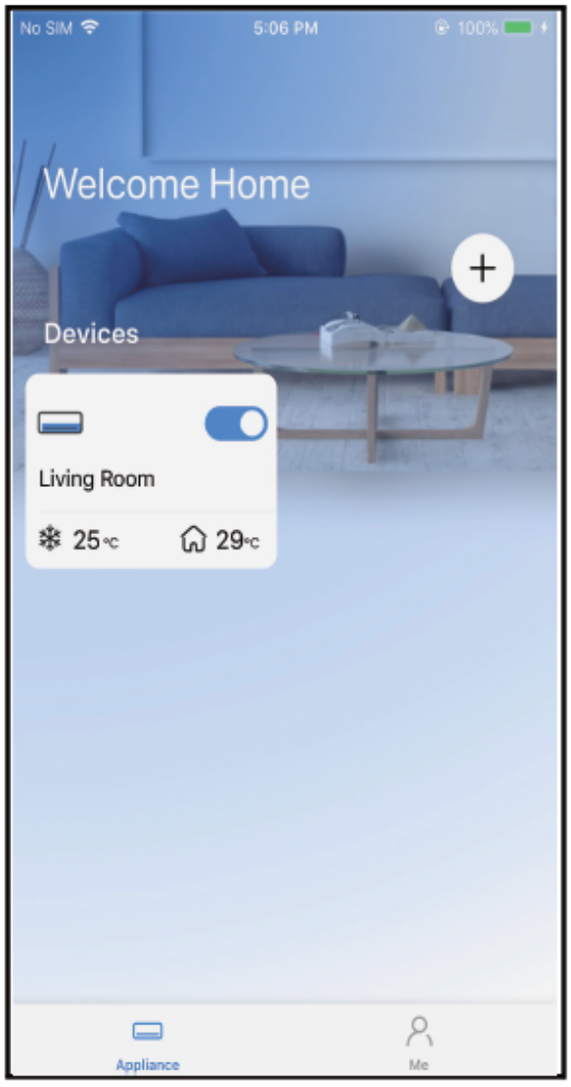
⑤ Wait connecting to the network



⑥ Configuration Success, you can modify the default name.



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.

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.
- In the case that your device connected to Wireless Network before but it needs to reconnect, please click "+" on app Home page, and add your device again by the device category and model according to the instructions on app.

APP DECLARATION

Hereby, we 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:

Wireless network module models: US-SK107ï¼ŒEU-SK107:

FCC ID: 2ADQOMDNA21

IC: 12575A-MDNA21

This device complies with Part 15 of the FCC Rules and it contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference
2. This device must accept any 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.

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.

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Replaces: New