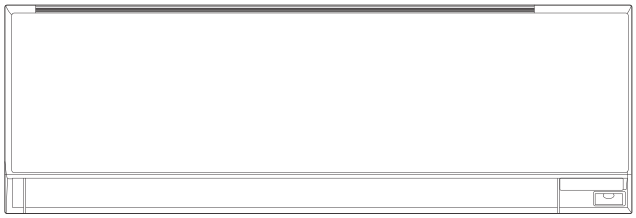
AIRSTAGE

FUJITSU

OPERATION MANUAL



MODEL:(KT Series)

Write down the model name.
(Refer to the rating label.)

Notez le nom du modèle.
(Consultez l'étiquette des spécifications.)

Escriba el nombre del modelo.
(Consulte la etiqueta de calificación).

English

OPERATION MANUAL
AIR CONDITIONER (Wall Mounted type)
Before using this product, read these instructions thoroughly and keep this manual for future reference.

Français

MODE D'EMPLOI
CLIMATISEUR (Type à montage mural)
Avant d'utiliser ce produit, veuillez lire attentivement ces instructions. Conservez ce manuel pour référence future.

Español

MANUAL DE FUNCIONAMIENTO
ACONDICIONADOR DE AIRE (Tipo montado en pared)
Antes de utilizar el producto, lea estas instrucciones detenidamente y conserve este manual para consultarlo en el futuro.

PART No. 9387602586-02

[Original Instructions]

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1. SAFETY PRECAUTIONS

To prevent personal injury or property damage, read this section carefully before you use this product, and be sure to comply with the following safety precautions.
Incorrect operation due to failure to follow the instructions may cause harm or damage, the seriousness of which is classified as follows:

⚠ WARNING
This mark warns of death or serious injury.

⚠ CAUTION
This mark warns of injury or damage to property.

🛇	This mark denotes an action that is PROHIBITED.
❗	This mark denotes an action that is COMPULSORY.

Explanation of symbols displayed on the indoor unit or outdoor unit.

Refrigerant Safety Group A2L	**WARNING** This symbol shows that this product uses a low burning velocity material. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.
	CAUTION This symbol shows that the operation manual should be read carefully.
	CAUTION This symbol shows that a service personnel should be handling this equipment with reference to the installation manual.
	CAUTION This symbol shows that information is available such as the operation manual or installation manual.

⚠ WARNING

- When installing this product to an unventilated area, pay attention to prevent fire and explosion caused by the stagnated gas in case of refrigerant leakage. (For products which contain more than 4.05 lbs (1.836 kg) refrigerant.)
- This product contains no user-serviceable parts. Always consult authorized service personnel for repairing, installation, and relocation of this product. Improper installation or handling will cause leakage, electric shock, or fire.
- In the event of a malfunction such as burning smell, immediately stop operation of the air conditioner, and disconnect all the power supply by turning off the electrical breaker or disconnecting the power plug. Then consult authorized service personnel.
- Take care not to damage the power supply cable. If it is damaged, it should be replaced only by authorized service personnel in order to avoid a hazard.
- If a refrigerant leakage is suspected, all naked flames shall be removed or extinguished, and consult authorized service personnel.
- In the event of a thunder storm or any prior sign of a lightning strike, turn off the air conditioner via the remote controller, and refrain from touching the product or the power source to prevent any electrical hazards.
- This product shall be stored in a room without continuously operating ignition sources (for example: open flames, an operating gas appliance or an operating electric heater).
- This product shall be stored in a well-ventilated area.
- Be aware that refrigerants may not contain an odour.
- This product shall be stored so as to prevent mechanical damage from occurring.
- Disposing of the product shall be done properly, in compliance with national or regional regulations.
- During transportation or relocation of the indoor unit, pipes shall be covered with the wall hook bracket for protection.
  Do not move this product by holding the indoor unit pipes. (The stress applied to the pipe joints may cause the flammable gas to leak during operation).

⚠ WARNING

- This product is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of this product by a person responsible for their safety. Children should be supervised to ensure that they do not play with this product.
- Dispose of the packing materials safely. Tear and dispose of the plastic packing bags so that children cannot play with them. There is danger of suffocation if children play with the original plastic bags.

- Do not start or stop the operation of this product by inserting or pulling out the power plug, or by turning on or off the circuit breaker.
- Do not use flammable gases near this product.
- Do not expose yourself directly to the cooling airflow for many hours.
- Do not insert your fingers or any other objects into the outlet port or intake grille.
- Do not operate with wet hands.
- Do not use means to accelerate the defrosting process or to clean this product, other than those instructed in this manual.
- Do not pierce or burn.

⚠ CAUTION

- Provide occasional ventilation during use.
- Before cleaning this product, be sure to turn it off and disconnect all the power supply.
- Always operate this product with air filters installed.
- Ensure that any electronic equipment is at least 1 m (40 in) away from this product.
- Disconnect all the power supply when not using this product for extended periods.
- After a long period of use, ensure to get the mounting of the indoor unit checked to prevent this product from falling down.
- The airflow direction and the room temperature should be carefully considered when you use this product in a room with infants, children, elderly or sick persons.
- Keep the surroundings of the outdoor unit clean and tidy, and do not place items around it. Any objects blocking or entering from the outlet ports may cause product malfunction.

- Do not direct the airflow at fireplaces or heating apparatus.
- Do not block or cover the intake grille and the outlet port.
- Do not apply any heavy pressure to radiator fins.
- Do not climb on, place objects on, or hang objects from this product.
- Do not place any other electrical products or household belongings under this product. Dripping condensation from this product might get them wet, and may cause damage or malfunction of your property.
- Do not expose this product directly to water.
- Do not use this product for preservation of food, plants, animals, precision equipment, art work, or other objects. This may cause quality deterioration of those items.

⚠ CAUTION

- Do not expose animals or plants to the direct airflow.
- Do not drink the drainage from the air conditioner.
- Do not pull the power supply cable.
- Do not touch the aluminum fins of heat exchanger built-in this product to avoid personal injury when you maintain the unit.
- Do not stand on unstable steps when operating or cleaning this product. It may overturn and can cause injury.

This product contains fluorinated greenhouse gases.

2. PREPARATION

⚠ WARNING

- Take care to prevent infants and young children from accidentally swallowing the batteries.

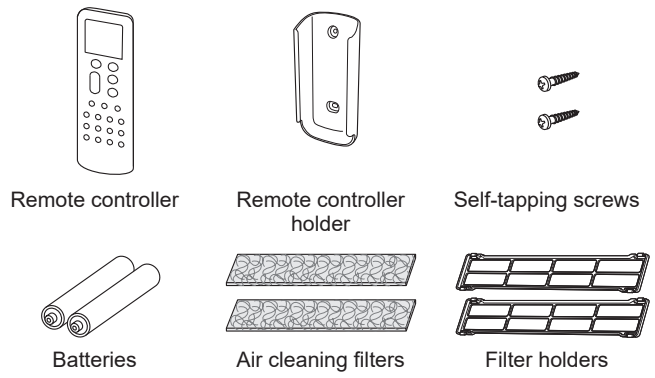
⚠ CAUTION

- If leaking battery fluid comes in contact with your skin, eyes, or mouth, immediately rinse with plenty of clean water, and consult your physician.
- Exhausted batteries must be removed immediately, and be disposed according to the local laws and regulations of your region.

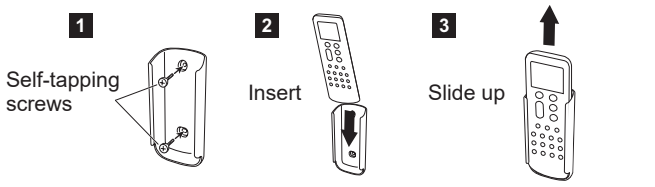
- Do not attempt to recharge dry batteries.
- Do not use dry batteries that has been recharged.

Indoor unit accessories

Check that the following accessories are included.



How to use the remote controller holder



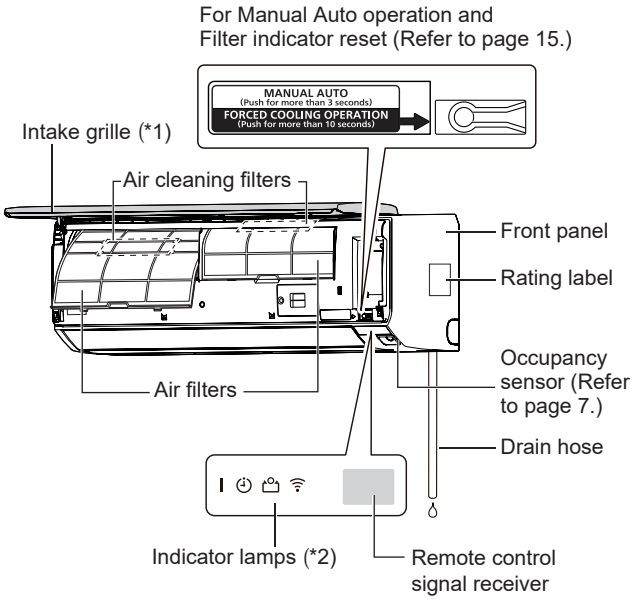
3. NAME OF PARTS

CAUTION

For appropriate signal transmission between the remote controller and the indoor unit, keep the signal receiver away from the following items:
- Direct sunlight or other strong lights
- Flat-panel television screen

In rooms with instantaneous fluorescent lights, such as inverter type ones, the signal may not be transmitted properly. In such a case, consult the store of purchase.

3.1. Indoor unit



*1: Before starting operation, make sure that the intake grille is closed completely. Incomplete closing may affect the proper function or performance of the product.

*2: Indicator lamps light in the following conditions.

	Name	Color	Operation or condition
	Operation	Green	Normal operation
	Timer	Orange	Timer operation
	Economy	Green	Economy operation Min. Heat operation
	WLAN	Orange	Wireless LAN control is active.

3.2. Remote controller

When you use the optional remote controller, the appearance and the operation procedure may differ.

For details, refer to the operation manual of each remote controller.

- ✳ : The setting must be done while the setting screen is displayed for each function.
- ❙ : The button is controllable only when the air conditioner is operating.
- (wifi) : The instruction is relating to the wireless LAN control.

Signal transmitter

Aim at the signal receiver of the indoor unit properly.
- Operating range is approximately 22 ft (7 m).
- [▲] will appear when the signal is transmitted.
- The indoor unit will emit a beep when it receive the signal properly. If there is no beep, press the button again.

Remote controller display

In this section, all the possible indicators are displayed for description. In actual operation, the display is linked with the button operation, and only shows the necessary indicators for each setting.

The backlight turns on when the button is pressed and turns off after 10 seconds.

For Basic operations ..... Refer to page 5.

⏻/I	Starts or stops the air conditioner operation.	
MODE	Changes the operation mode.	✳❙
TEMP. SELECT	Adjusts the setting temperature or setting value. (*1)	✳❙

*1: This button glows in dark places (for white model).

For Timer operations ..... Refer to page 6.

TIMER	Starts the timer setting.	✳❙
CANCEL	Cancels the timer settings.	
SLEEP	Sets the Sleep timer.	
CLOCK ADJUST	Starts the clock setting. Refer to “How to press the button inside the hole” when pressing this button.	

For Energy saving operations ..... Refer to page 7.

ECONOMY	Activates or deactivates the Economy operation.	❙
ENERGY SAVING	Activates or deactivates the Energy saving program that uses the occupancy sensor.	

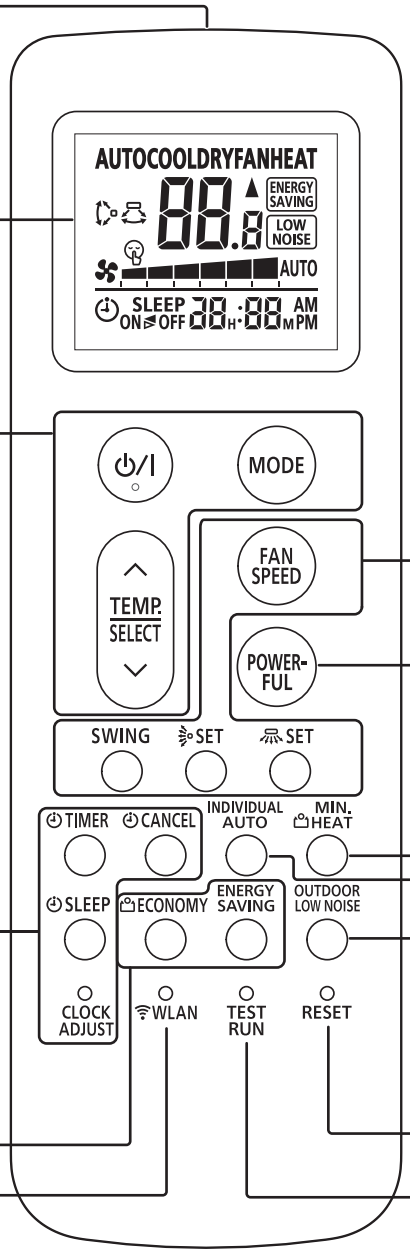
For Wireless LAN control ..... Refer to page 8.

WLAN	Starts the Wireless LAN setting. Refer to “How to press the button inside the hole” when pressing this button.	(wifi)

⚠ CAUTION

- To prevent malfunction or damage of the remote controller:
  - Place remote controller at where will not be exposed to direct sunlight or excessive heat.
  - Remove batteries if the product is not going to be used for an extended period.
- Obstacles such as a curtain or wall between the remote controller and the indoor unit may affect the appropriate signal transmission.

- Do not apply strong shocks to the remote controller.
- Do not pour water on the remote controller.



For Airflow settings ..... Refer to page 6.

FAN SPEED	Controls the fan speed.	✳ I
SWING	Sets the automatic Swing operation.	✳ I
SET	Controls the up/down airflow direction.	I
SET	Controls the left/right airflow direction.	I

For Powerful operation ..... Refer to page 8.

POWER-FUL	Activates or deactivates the Powerful operation.	I

For Min. (Minimum) Heat operation..... Refer to page 8.

MIN. HEAT	Activates the Min. Heat operation.

For Individual Auto operation ..... Refer to page 5.

INDIVIDUAL AUTO	Activates the Individual Auto operation.	I

For Outdoor Unit Low Noise operation ..... Refer to page 8.

OUTDOOR LOW NOISE	Activates or deactivates the Outdoor Unit Low Noise operation.

After replacing batteries ..... Refer to page 5.

RESET	Resets the settings of the remote controller.

Do not press this button in normal use.
It starts the test run (for use by authorized service personnel only).

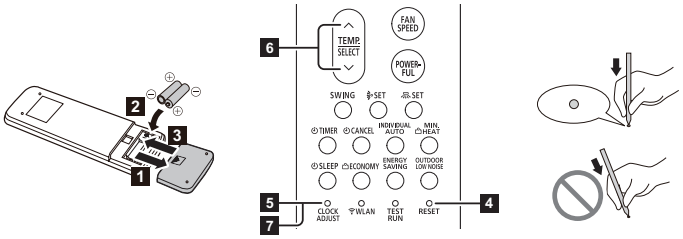
NOTE:
- If the test run starts unintentionally, press (⏻/I) to quit the test run.

How to press the button inside the hole

Press this button as shown in the following figure.
Use the tip of a ballpoint pen or other small object.

3.3. Inserting batteries

Battery type: R03/LR03/AAA x 2



1 to 3. Put batteries as shown in the figure above.

4. Press RESET as shown in the figure above.

5. Press CLOCK ADJUST as shown in the figure above.

6. Press TEMP. SELECT (∧ ∨) to set the clock.
Press the buttons to change the clock by a minute.
Press and hold the buttons to change the clock by 10 minutes.

NOTE:
- By pressing SET, the time indicator can be changed from a 24-hour to a 12-hour clock.

7. Press CLOCK ADJUST as shown in the figure above.

NOTES:
- Use the specified type of batteries only.
- Do not mix different types or new and used batteries together.
- Batteries can be used for about 1 year in ordinary use.
- If the remote control range noticeably shortens, replace the batteries and press RESET as shown in the figure above.

4. BASIC OPERATIONS

■ 3 steps to start operation

1. Press (⏻/I) to start or stop the operation.

2. Press (MODE) to select the operation mode.
The operation mode changes as follows.

AUTO → COOL → DRY → FAN → HEAT
(Auto) (Cooling) (Dry) (Fan) (Heating)

3. Press TEMP. SELECT (∧ ∨) to set the desired temperature.
The temperature changes by 1°F (0.5°C) increments.

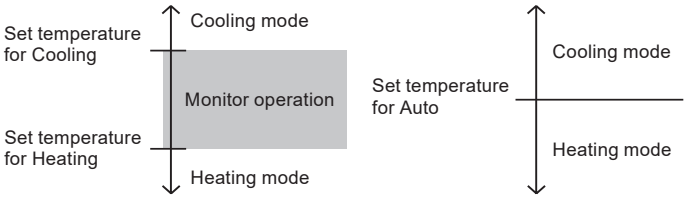
Temperature setting range	
Auto/Cooling/Dry	64-88°F (18.0-30.0°C)
Heating	60-88°F (16.0-30.0°C)

NOTES:
- In the Cooling mode or Dry mode,
  - set the temperature lower than the current room temperature.
- In the Heating mode,
  - set the temperature higher than the current room temperature.
  - at the beginning of the operation, the indoor unit fan rotates at a very low speed for 3-5 minutes.
  - the Automatic defrosting operation overrides the Heating operation when necessary.
- In the Fan mode, temperature control is not available.

■ Individual Auto

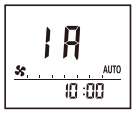
Set both the cooling and heating temperatures. During the Individual Auto mode operation, when the room temperature exceeds the set temperature for cooling, the cooling operation is performed, and when the room temperature falls below the set temperature for heating, the heating operation is performed.

[Individual Auto mode] **[Auto mode (reference)]**



When Individual Auto mode is first selected, the fan will operate at a low speed for a few minutes. During this time, the indoor unit detects the room conditions to select the operation mode. When the room's temperature reaches between the cooling and heating temperature settings, the monitor operation begins. In the monitor operation mode, the fan will operate at a low speed. If the mode automatically selected by the unit is not what you wish, select one of the mode operations (Heating, Cooling).

☞ To start operation, press INDIVIDUAL AUTO.



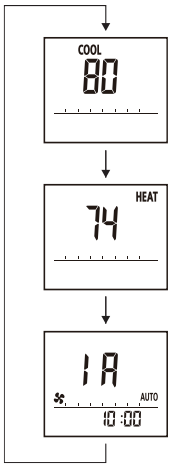
NOTE:
- Press INDIVIDUAL AUTO if you want to check the temperature setting.
- If the wired remote controller (optional) is connected, this function is restricted.

To change the setting, use the following steps;

1. Press INDIVIDUAL AUTO.
The cooling temperature setting screen will appear.

2. Press TEMP. SELECT (∧ ∨) to set the cooling temperature.
After 2.5 seconds of operation, the display switches to the heating temperature setting screen.
The indoor unit will emit a single short beep when the setting is received.

3. Press TEMP. SELECT (∧ ∨) to set the heating temperature.
After 2.5 seconds, the setting is completed and the display switches to the Individual Auto mode screen.
The indoor unit will emit a single short beep when the setting is received.



NOTE:
- Press TEMP. SELECT (∧ ∨) to set the temperature again.

Temperature setting range		
Individual Auto	Cooling	69-88°F (20.5-30.0°C)
	Heating	64-83°F (18.0-27.5°C)

NOTE:
- Depending on the setting of the temperature difference, the above temperature may not be set.

To change the temperature difference, use the following steps;

NOTES:
- Individual Auto cannot set the temperature difference between cooling and heating operations to less than 5°F (2.5°C).
- The temperature difference ranges from 5°F (2.5°C) to 24°F (12.0°C).

1. Press (⏻/I) until only the clock is displayed.

2. Press and hold SET for 5 seconds, then press TEMP. SELECT (∧ ∨).

3. Press (⏻/I) to finish the setting.
If you do not press the button for 30 seconds, the displayed temperature difference is set.

■ Temperature unit switching

1. Press (⏻/I) until only the clock is displayed.
2. Press and hold TEMP. SELECT (∧) for more than 5 seconds.
   The current temperature unit will be displayed. (Factory setting: °F)
3. Press TEMP. SELECT (∧ ∨) to switch the temperature unit. (°F ⇔ °C)
4. Press (⏻/I) to finish the setting.
   If you do not press the button for 30 seconds, the displayed temperature unit is set.

5. AIRFLOW SETTINGS

5.1. Fan speed setting

☞ Press (FAN SPEED) to control the fan speed.
The fan speed changes as follows.

→ AUTO → → → → → → →
(Auto) (Quiet) (Low) (Med-Low) (Medium) (Med-High) (High)

When **AUTO** is selected, the fan speed depends on the operating condition.

NOTE:
- In the Dry mode, the fan speed is fixed to AUTO.

5.2. Airflow direction setting

For details of the airflow ranges, refer to “Airflow direction range”.

■ Up/down airflow direction setting

☞ Press SET to adjust the up/down airflow direction.

■ Left/right airflow direction setting

☞ Press SET to adjust the left/right airflow direction.

■ Swing operation setting

☞ Press SWING to select the Swing operation.
The Swing operation changes as follows.

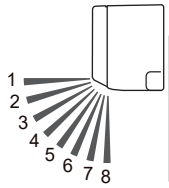
→ Up/down → Left/right → Up/down/left/right → Stop swing →

NOTE:
- The Swing operation may stop temporarily when the indoor unit fan Is rotating at very low speed or is stopped.

■ Airflow direction range

NOTE:
- Do not adjust the airflow direction louvers by hand.

Up/down airflow direction

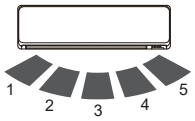


Change by SET		1 ⇄ 2 ⇄ 3 ⇄ 4 ⇄ 5 ⇄ 6 ⇄ 7 ⇄ 8
Swing operation by SWING		
	Cooling, Dry	1 ⟷ 5
	Heating	5 ⟷ 8
	Fan (*1)	1 ⟷ 5 or 5 ⟷ 8

*1: The Swing operation range depends on the airflow direction set before the Swing operation.

NOTES:
- In the Auto, Individual Auto or Heating mode, the airflow direction stay position 1 for a while from the start of the operation.
- In the Cooling or Dry mode, the downward airflow can change to the upper as follows. This feature is to prevent condensation from dripping and damaging your property.
  Condition: Position 5-8 keeps for 30 minutes
  Airflow adjusted to: Position 4
- When using the mobile app, the up/down airflow can be selected from 4 positions.

Left/right airflow direction



Change by SET	1 ⇄ 2 ⇄ 3 ⇄ 4 ⇄ 5
Swing operation by SWING	1 ⟷ 5

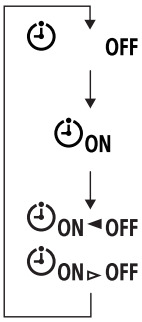
NOTE:
- In the Auto or Individual Auto mode operation, you cannot change the airflow direction for a while from the start of the operation.

6. TIMER OPERATIONS

NOTE:
- When [⏲] indicator on the indoor unit blinks, set the timer again. This blinking shows that the internal clock goes wrong due to an interruption of the power supply. (Refer to page 13.)

■ Timer setting procedure

1. Press ⏲TIMER to choose timer operation.
   Each time you press the button, the timer operation changes as follows:



Off timer	Stops the operation at your desired time.
On timer	Starts the operation at your desired time.
Program timer	Operates as the combination of the On timer and Off timer.

- To cancel the timer setting during the procedure, press ⏲CANCEL
- To set sleep timer, press ⏲SLEEP. (Refer to “6.3. Sleep timer”.)

2. Set each timer operation.
   For details, refer to the following instructions of each timer setting.

6.1. On timer or Off timer

1. Select On timer or Off timer in step 1 of “Timer setting procedure”.
2. Press TEMP. SELECT (∧ ∨) to set on time or off time.
   Pressing the button: The time will change by +5/-5 minutes.
   Pressing and holding the button: The time will change by +10/-10 minutes.
   - To deactivate the On/Off timer, press ⏲CANCEL while ⏲ON or ⏲ OFF is shown on the remote controller display.
     The indicator disappears.

6.2. Program timer

1. Set On timer and Off timer. (Refer to “6.1. On timer or Off timer”).
2. Select Program timer in step 2 of “Timer setting procedure”.

The order of the timer operation is displayed as follows:

Timer	Indicator on the remote controller display
On→Off timer	⏲ON►OFF
Off→On timer	⏲ON◄OFF

NOTES:
- You can set the Program timer only within a span of 24 hours.
- If you set the Sleep timer after setting the Program timer, the Program timer is canceled.

6.3. Sleep timer

The Sleep timer supports your comfortable sleep by moderating the air conditioner operation gradually.

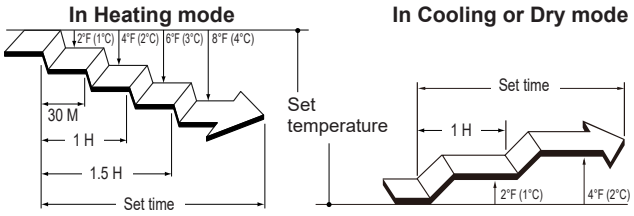
☞ Press SLEEP.

Each time you press the button, the time changes as follows:

→ 0H 30M → 1H 00M → 2H 00M → 3H 00M → 5H 00M → 7H 00M → 9H 00M
(H: h, M: min)

- To deactivate the Sleep timer, press CANCEL while SLEEP OFF is shown on the remote controller display.
  The indicator disappears.
- To repeat the timer, press the button when the indicator is not displayed.

During the Sleep timer operation, the setting temperature changes as the following figure.



After the set time has elapsed, the air conditioner operation turns off.

NOTES:

- If you set the On timer or Off timer after setting the Sleep timer, the Sleep timer is canceled.
- This function is restricted during INDIVIDUAL AUTO operation.

7. ENERGY SAVING OPERATION

7.1. Economy operation

It saves more electricity than other operation modes by changing the set temperature to a moderate setting.

☞ Press ECONOMY to activate/deactivate the Economy operation.

[ ] indicator on the indoor unit will turn on.

Operation mode	Room temperature
Cooling/Dry	Few degrees higher than the set temperature
Heating	Few degrees lower than the set temperature

NOTES:

- In the Cooling, Heating, or Dry mode, the maximum output of this operation is approximately 70% of usual operation.
- This operation cannot be performed during the temperature monitoring by the Auto or Individual Auto mode.

7.2. Occupancy sensor for energy saving

⚠ WARNING

- Do not use this function when there are only infants, children, elderly, or sick persons in the room.

⚠ CAUTION

- Do not use this function in server rooms or other places where there is no one in the room.
- Do not place large objects near the occupancy sensor. Also keep heating units outside the sensor's detection area.

When no one is in the room, the air conditioner operates moderately to prevent waste of electricity.
(This function is activated at the time of purchase.)

☞ To change the setting, press ENERGY SAVING.

While the Energy saving program is activated, ENERGY SAVING on the remote controller display will turn on.

NOTES:

- The following operation will override the Energy saving program.
  - Sleep timer operation
  - Min. Heat operation
- The Energy saving program may not work when the room temperature is very different from the set temperature, such as when immediately after starting the operation.

■ Details on Energy saving program

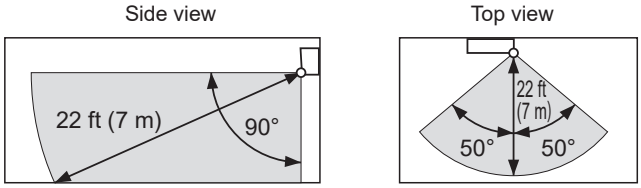
The occupancy sensor on the indoor unit detects movement of people.

If there is no one in the room for approximately 20 minutes, the temperature will be adjusted moderately.

When someone comes back into the room, the air conditioner revert to the original settings.

Operation mode	Room temperature (When there is no one there)
Cooling/Dry	Higher than the set temperature (Max. +4°F (+2°C))
Heating	Lower than the set temperature (Max. -8°F (-4°C))
Auto Individual Auto	Depending on the operating mode (Cooling/Heating).

Detection range of occupancy sensor



NOTE:

- Since the occupancy sensor detects infrared light given out by people, the detection may be incorrect in the following situations.

<u>Situations in which the sensor may detect no one in the room, even when there is someone there:</u>

- When the room temperature is high and the difference with people's body temperature is small. (Such as when the temperature is 86°F (30°C) or higher in summer.)
- When someone in the room do not move for a long time.
- When someone is hidden behind a sofa, other furniture, glass, or in similar situations.
- When someone is wearing extremely thick clothing and turn their backs on the sensor.

<u>Situations in which the sensor may detect people in the room, even when there is no one there</u>

- When there is a dog or a cat moving around in the room.
- When wind is moving curtains or plants.
- When heating units, humidifiers, or electric appliances such as oscillating electric fans are operating.

7.3. Fan control for energy saving

In the Cooling operation, when the room temperature reaches the set temperature, the indoor unit fan rotates intermittently to save power. (This function is deactivated at the time of purchase.)

To change the setting, use the following steps;

1. Press ⏻/I until only the clock is displayed.
2. Press and hold FAN SPEED for more than 5 seconds.
   The current Fan Control status (FC) is displayed.
3. Press TEMP SELECT (∧ ∨) to switch between activated (ON) or deactivated (OFF).

4. Press (⏻/I) to send the setting to the indoor unit.
The display will return to the original screen.

NOTE:
- If you do not press any buttons for 30 seconds after FC is displayed, FC will turn off. In this case, repeat the setting from step 2.

8. OTHER OPERATIONS

8.1. Powerful operation

In the Powerful operation, the air conditioner will operate at maximum power and strong airflow to cool down or warm up the room quickly.

☞ Press (POWER-FUL) to activate/deactivate the Powerful operation.
When activated, the indoor unit will emit 2 short beeps.
When deactivated, the indoor unit will emit 1 short beep.

The Powerful operation will be turned off automatically in the following situations:
- The Powerful operation runs for a certain amount of time and the room temperature reaches the set temperature in the Cooling, Dry, or Heating mode.
- 20 minutes after the Powerful operation has started.

NOTES:
- The airflow direction and the fan speed are controlled automatically.
- The Powerful operation cannot be performed simultaneously with Economy operation.
- The Powerful operation overrides the following operations. If the following operations are set, they will start after the Powerful operation finishes.
  - Outdoor Unit Low Noise operation
  - Energy Saving program
- If the wired remote controller (optional) is connected, this function is restricted.
- This function is restricted during INDIVIDUAL AUTO operation.

8.2. Outdoor unit low noise operation

The Outdoor Unit Low Noise operation lowers noise from the outdoor unit. During this operation, the rotation number of the compressor decreases and the outdoor unit fan rotates slowly.

☞ Press (OUTDOOR LOW NOISE) to activate/deactivate the Outdoor Unit Low Noise operation.
While the Outdoor Unit Low Noise operation is activated, [LOW NOISE] on the remote controller is displayed.
The setting is preserved even if the air conditioner is turned off.

NOTES:
- This operation cannot be performed simultaneously with the Fan mode, Dry mode, and Powerful operation.
- If the wired remote controller (optional) is connected, this function is restricted.

8.3. Min. (Minimum) Heat operation

Min. Heat operation maintains the room temperature at 50°F (10°C) so as to prevent the room temperature to drop too low.

☞ Press MIN. HEAT to activate the Min. Heat operation.
The indoor unit will emit 1 short beep and [ ] indicator on the indoor unit will turn on.

☞ Press (⏻/I) to turn off the air conditioner.
[ ] indicator will turn off.

NOTES:
- During the Min. Heat operation, only SET and SET are valid.
- When the room temperature is warm enough, this operation will not perform.
- If the wired remote controller (optional) is connected, this function is restricted.

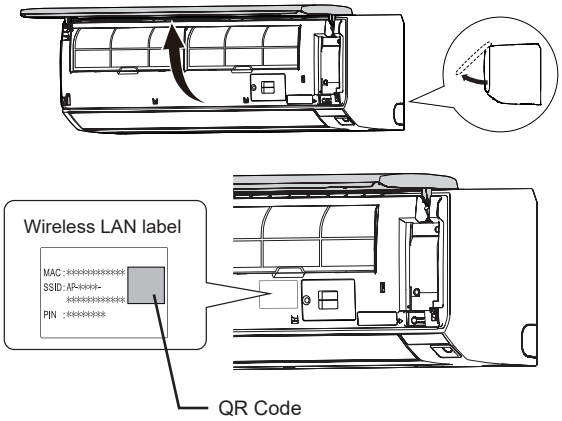
9. WLAN control

This operation manual describes only the setting procedure of the remote controller.
For how to operate the mobile app, refer to the operation manual of the mobile app.

NOTES:
- The air conditioner settings from the mobile app will not be reflected in the wireless remote controller.
- It will not be possible to operate and monitor by the mobile app while the power supply of the air conditioner is disconnected (via breaker or plug).
- The room temperature will be displayed in the mobile app during operation. However, the displayed room temperature may not be correct depending on the situation in the room or the air conditioner operating status. Use this only as a reference.
- If the mobile app and remote controller settings differ, the latest operation performed will take priority.
- If timer settings are done from the mobile app and from the wireless or wired remote controller, both timer settings will be active.

The contents of wireless LAN label are necessary for wireless LAN setup.
Write down the SSID and the PIN code to the following table.

Open the intake grille.



*The layout of the wireless LAN label may differ by the part or model.

Information on WLAN device

SSID	
PIN	

Wireless LAN-compatible standard	IEEE 802.11 b/g/n
Frequency bands	2.4 GHz (in the U.S. or Canada: 1 ch to 11 ch) (in the other regions: 1 ch to 13 ch)
Maximum radio-frequency power	40 mW
Wireless LAN security	Open WEP WPA (PSK) WPA2_Personal (PSK) WPS for same-LAN Registration

"AIRSTAGE Mobile" is a trademark of FUJITSU GENERAL LIMITED.
Android and Google Play are registered trademarks of Google LLC.
App Store is a service mark of Apple Inc., registered in the U.S. and other countries.
IOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license.
"QR Code" is a registered trademark of DENSO WAVE INCORPORATED.

9.1. Usage precautions

Usage precautions for wireless LAN control

⚠ WARNING

- Do not repair, disassemble or remodel the WLAN device.
- Do not get the WLAN device wet or use it in locations with lots of moisture.
- Do not operate with wet hands.
- Do not install the WLAN device in locations where the use of wireless equipment is prohibited (e.g., hospitals).
- Do not use the WLAN control in a room where young children or people with physical disability are present.
- Do not use the WLAN control near persons with a pacemaker or similar devices.
- Do not use the WLAN control near automatic control equipment (e.g., automatic doors and fire alarms).

⚠ CAUTION

- When cleaning the air conditioner, be sure to stop the operation and turn off the power. Otherwise, there is a risk of electric shock or injury.

- When you use the WLAN control, it will become possible to operate the air conditioner from locations where you cannot see it directly. This means that people in the room may be exposed to the unintended operation of the air conditioner. Check the condition of the room before using the WLAN control.
  - Be sure to check in advance that there are no malfunctions of the air conditioner.
  - Make sure that the airflow from the air conditioner will not cause any adverse effects.
    Objects may fall down causing personal injury, fire, or damage to property.
  - If you know that there are people in the vicinity of the air conditioner, inform them in advance that you will operate it from a distant location.
    Sudden operation of the air conditioner may surprise a person and cause the person to fall down or tumble if the person is on a step, ladder, etc. Furthermore, rapid changes of the room temperature may cause deterioration in a person's physical condition. Do not use the WLAN control when there are people in the room who are not able to control the temperature by themselves (For example, infants, children, those with physical disabilities, elderly or sick persons.).
  - Fully understand the reserved timer settings and other operations before using the WLAN control.
    Unexpected operation of the air conditioner may cause deterioration in a person's physical condition or an adverse effect on animals or plants.
  - Frequently check the settings and operating situation of the air conditioner when using the WLAN control from a distant location.
    Rapid changes of the room temperature may cause deterioration in a person's physical condition or an adverse effect on animals or plants.
- If you operate the air conditioner by the WLAN control, the indicator lamps and reception sounds of the air conditioner do not work.
- If there is bad reception between the WLAN device and the access point, adjusting the access point position or direction of the antenna may improve the reception. It may also be possible to improve reception by moving the access point closer to the WLAN device or using a wireless LAN repeater.

Radio wave and security precautions

When you use a wireless LAN, there are precautions that you must follow in relation to radio waves, personal information, and so on. To use the WLAN control correctly, be sure to read the following precautions and the operation manual of the wireless LAN equipment you are using. We will assume no responsibility, unless legal liability is recognized, in regards to failures, other defects and damages incurred by use of the WLAN device that occur through incorrect use or during use by yourself or a third party.

■ Radio wave usage precautions

⚠ CAUTION

- Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
  This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.
- This equipment complies with FCC/IC radiation exposure limits set forth for an uncontrolled environment and meets the FCC radio frequency (RF) Exposure Guidelines and RSS-102 of the IC radio frequency (RF) Exposure rules. This equipment should be installed and operated keeping the radiator at least 8 in (20 cm) or more away from person's body. (UTY-TFSXH3 [AP-WH3E]/UTY-TFSXH4 [AP-WH4E] /built-in type WLAN device model conforms to IC (Industry Canada) standard.)

NOTES:

- This device complies with Part 15 of FCC Rules and Industry Canada license-exempt RSS standard(s).
  Operation is subject to the following two conditions:
  (1) this device may not cause interference, and
  (2) this device must accept any interference, including interference that may cause undesired operation of this device.(UTY-TFSXH3 [AP-WH3E]/UTY-TFSXH4 [AP-WH4E]/built-in type WLAN device model conforms to IC (Industry Canada) standard.)
- 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.

- Do not use the WLAN device in the following locations. Using the WLAN device in such locations may cause communications becoming unstable or not possible.
  - Near wireless communication equipment that uses the same frequency band (2.4 GHz) as the WLAN device.
  - In places where there are magnetic fields from equipment such as microwave ovens, or static electricity or radio wave interference occurs.
    (Radio waves may not reach depending on the environment.)

■ Personal Information (Security-related) Usage Precautions

- There is a possibility of interception if you use wireless LAN equipment due to the use of radio waves regardless of whether you use encryption or not.
- Wireless LAN uses radio waves to exchange information between the WLAN device and the access point. This means it has the advantage of freely being able to make a LAN connection if within reach of radio waves. On the other hand, if the radio waves are within a certain range, they will reach all locations beyond obstacles (e.g., walls). Therefore, it is possible your communications may be intercepted and read or illegally intruded upon.
- Do not connect to equipment and networks which you are not authorized to use when setting up your wireless connection.
- Initialize the settings of the WLAN device when disposing of it or transferring it to a third party.

■ Others

- Use the WLAN device as regular wireless LAN equipment.
  - Do not use the WLAN device in hospitals or in/near locations with medical equipment.
  - Do not use the WLAN device within an aircraft.
  - Do not use the WLAN device near electronic equipment that handles high-precision control or weak signals.

  Examples of electronic equipment to be careful of:
  Hearing aids, pacemakers, fire alarms, automatic doors, and other automatic control equipment
- This is not a guarantee of wireless connection and performance with all wireless routers and in all residential environments. Radio waves may not reach or may be interrupted in the following situations.
  - Use in buildings made from concrete, rebars, or metal
  - Installation near obstacles
  - Interference with wireless communication equipment using the same frequency
  - Places where there are magnetic fields from equipment such as microwave ovens, or static electricity or radio wave interference occurs
- Install and setup the WLAN device only after reading the operation manual of the access point.

9.2. Setting to use WLAN control

Step 1. Mobile app installation

1. Open “Google Play” or “App Store” depending on the type of your smartphone.
2. Search for “AIRSTAGE Mobile.”
3. Install the mobile app following the instructions on your screen.

Step 2. User registration

1. Open the installed mobile app.
2. Register the user by following the instructions of the mobile app.

Step 3. Air conditioner registration (pairing of WLAN device)

NOTES:

- Before starting this setting, wait for 60 seconds or more after the power supply is connected to the air conditioner (via breaker or plug).
- Check that the smartphone is linked to the access point you are connecting to the air conditioner. The setting does not work if it is not connected to the same access point.
- To control 2 or more air conditioners with the same smartphone, repeat the setup of the chosen mode.

☞ Scan the QR Code on the WLAN device to use the automatic entry of the SSID and the PIN of the WLAN device.
Refer to page 8 for the location of the QR Code.

☞ Register the air conditioner by following the instructions of the mobile app.

<How to access the online manual>

1. Sign in to the mobile app.
2. Tap the Settings tab.
3. Tap [Support].
4. Tap [Manual].

When the registration is completed, [ ] indicator on the indoor unit will turn on.

For reference

<Manual Connection>

Setting procedure of the remote controller

NOTE:

- If you do not press any buttons of the remote controller for 60 seconds, the remote controller display will return to the original display.

1. Press WLAN 2 times as shown in page 4.
   L2 will be displayed on the remote controller display.

2. Select 01 using TEMP. SELECT (∧ ∨) on the remote controller.

3. Press (⏻/I).
   The indoor unit enters the Manual Connection mode and [ ] indicator on the indoor unit will blink.

   NOTE:
   - If the registration is not be finished in several minutes, the Manual Connection mode is canceled and [ ] indicator turns off. In this case, repeat the remote controller setting.

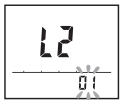
<Easy Connection mode>

Setting procedure of the remote controller:

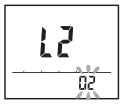
NOTE:

- If you do not press any buttons of the remote controller for 60 seconds, the remote controller display will return to the original display.

1. Press WLAN 2 times as shown in page 4.
   L2 will be displayed on the remote controller display.



2. Select 02 using TEMP. SELECT (∧ ∨) on the remote controller.



3. Press (⏻/I).
   The indoor unit enters the Easy Connection mode and [ ] indicator on the indoor unit will blink (on/off = 1 s/1 s).
   When the WLAN device find a connectable access point, the blinking will become slowly (on/off = 2 s/0.5 s).

   NOTE:
   - If the connection to the access point is not be finished in several minutes, the Easy Connection mode is canceled and [ ] turns off. In this case, repeat the remote controller setting.

Temporary deactivation of WLAN

NOTE:

- If you do not press any buttons of the remote controller for 60 seconds, the remote controller display will return to the original display.

1. Press [WLAN] as shown in page 4.
   L1 will be displayed on the remote controller display.

2. Select OFF using TEMP. SELECT (∧ ∨) on the remote controller. (*1)

3. Press (⏻/I).
   [ ] indicator on the indoor unit will turn off.

*1: If you want to activate wireless LAN again, select On in step 2.

Initialization (reset)

Initialize (reset) this product in the following situations:

- Changing the wireless router
- Disposing this product
- Transferring this product to a third party

Unregister the air conditioner

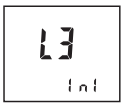
Unregister the air conditioner by using the mobile app. (Refer to the operation manual of the mobile app for details.)

Initialization of the WLAN device

NOTE:

- If you do not press any buttons of the remote controller for 60 seconds, the remote controller display will return to the original display.

1. Press [WLAN] 3 times as shown in page 4.
   L3 will be displayed on the remote controller display.



2. Press and hold (⏻/I) for more than 5 seconds.
   [ ] indicator on the indoor unit will turn off after blinking fast.

To continue use

If you or third party wishes to continue use of the product, follow the procedures in “Air conditioner registration (pairing of WLAN device)” to reconnect to a different access point.

NOTE:

- Wireless LAN setup is not possible if the previous owner did not unregister or initialize this product. In this case, contact authorized service personnel.

Firmware update

⚠ CAUTION

Do not pull out the power plug nor turn off the circuit breaker during the firmware update of the indoor unit or WLAN device. It may cause malfunction.

For WLAN device

The firmware of the WLAN device may be updated automatically.

During the updating, you cannot operate the air conditioner from the mobile app. It will take for a maximum of 5 minutes.

For indoor unit

The firmware of the indoor unit may be updated. You can set the schedule of the updating or update the firmware manually from the mobile app. For details, refer to the operation manual for the mobile app.

During the updating, the indicator lamps flash and the air conditioner stops the operation. (Refer to “State of indicator lamps”.) It will take for a maximum of 30 minutes.

10. SETTINGS ON INSTALLATION

10.1. Remote controller custom code setting

By setting custom code of indoor unit and remote controller, you can specify the air conditioner which the remote controller controls.

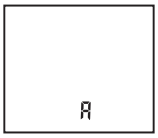
When two or more air conditioners are in the room and you wish to operate them separately, set the custom code (4 selections possible).

NOTE:

- If custom codes is different between the indoor unit and the remote controller, the indoor unit cannot receive a signal from the remote controller.

How to set the remote controller custom code

1. Press (⏻/I) until only the clock is displayed.
2. Press and hold (MODE) for more than 5 seconds.
   The current custom code will be displayed (initially set to A).



3. Press TEMP. SELECT (∧ ∨) to change the custom code between A(A)↔B(b)↔C(c/C)↔D(d).

   NOTE:
   - Match the custom code on the display to the air conditioner custom code.
4. Press (MODE) again.
   The custom code will be set.
   The display will return to the clock display.

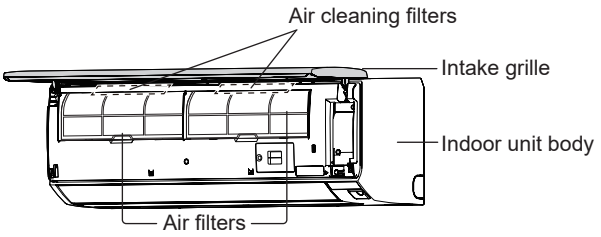
- To change the air conditioner custom code, contact an authorized service personnel (initially set to A).
- If you do not press any buttons for 30 seconds after the custom code is displayed, the display returns to the clock display. In this case, repeat the setting from step 2.

11. CLEANING AND CARE

⚠ CAUTION

- Before cleaning this product, be sure to turn it off and disconnect all the power supply.
- Before starting operation, make sure that the intake grille has been shut completely. Incomplete closing of the intake grille might have an effect on the proper working or performance of the air conditioner.
- The fan operates at high speed inside the unit, and could result in personal injury.
- Be careful not to drop the intake grille.
- If the filter cleaning involves high-place work, consult the authorized service personnel.
- When the air cleaning filters is removed for maintenance, be sure to attach them to the original positions securely.
  If it is not properly attached, an injury may result due to dropping.

- Do not touch the aluminum fins of heat exchanger built-in the indoor unit to avoid personal injury when you maintain the unit.
- Do not expose the indoor unit to liquid insecticides or hair sprays.
- Do not stand on slippery, uneven or unstable surfaces when you maintain the unit.



■ Frequencies at which the components are to be maintained

Name of parts	Frequency	
	Cleaning	Replacing
Indoor unit body, intake grille	When you notice	—
Air filter	Every 2 weeks	—
Air cleaning filter (*1)		
Silver ion filter (Light green) (UTR-FA16-5)	—	Every 6 months

*1: The air cleaning filters are sold separately. When you replace them, contact the store of purchase.

Cleaning indoor unit body

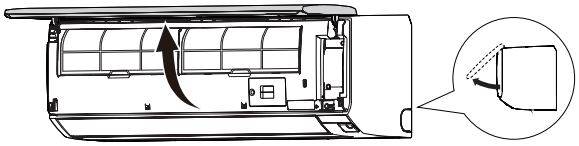
NOTES:

- Do not use water hotter than 104°F (40°C).
- Do not use scouring cleanser, volatile solvents such as benzene or thinner.

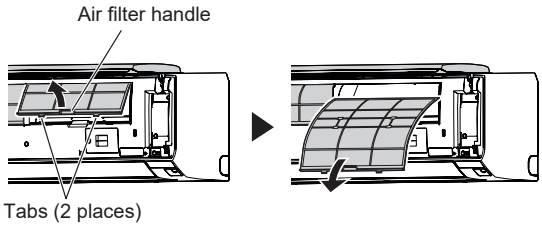
1. Wipe the indoor unit body gently with a soft cloth moisten with warm water.
2. Wipe the indoor unit body gently with a dry and soft cloth.

Cleaning air filter

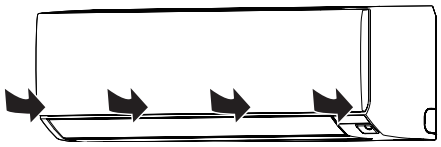
1. Open the intake grille until it snaps.



2. Remove the air filters.
   Lift up the air filters' handle, disconnect the two lower tabs, and pull out.



3. Remove the dust in either of the following ways.
   - Cleaning with vacuum cleaner.
   - Washing with mild detergent and warm water. After washing, dry the air filters thoroughly in shade.
4. Replace the air filters.
   Align the sides of the air filter with the panel, and push in fully. Make sure to the two lower tabs are returned to their holes in the indoor unit properly.
5. Close the intake grille.
   Press 4 places on the intake grille to close it completely.



NOTE:

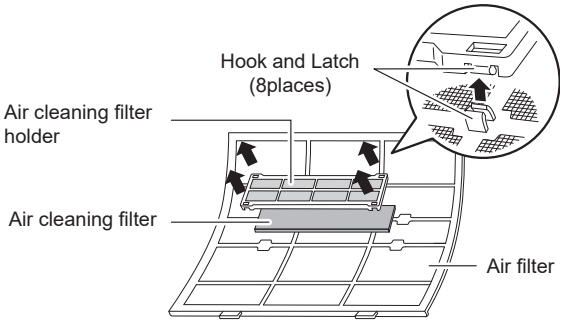
- If dirt accumulates on the air filter, airflow will be reduced, operating efficiency will lower, and the noise will increase.

Replacing air cleaning filters

NOTES:

- For the frequencies at which the air cleaning filters are to be replaced, refer to ["Frequencies at which the components are to be maintained"] in "CLEANING AND CARE".
- Use an air cleaning filter as soon as possible after opening the package. The air cleaning effect decreases when the filters are left in the opened package.

1. Remove the air filters from indoor unit body. Refer to steps 1 and 2 of "Cleaning air filter".
2. Remove the air cleaning filter holder and air cleaning filter from the air filter.
   Remove the 8 hooks of the air cleaning filter holder from the latches of the air filter.



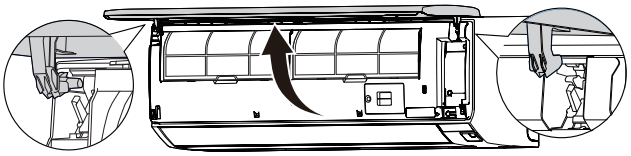
3. Remove the dust in either of the following ways.
   - Cleaning with vacuum cleaner.
   - Washing with mild detergent and warm water. After washing, dry the air filters thoroughly in shade.
4. Attach the air cleaning filter and the filter holder to each air filter.

   NOTE:
   - Make sure that the air cleaning filter is within the air cleaning filter holder.
5. Attach the air filter to the indoor unit body and close the intake grille. Refer to steps 4 ~ 5 of "Cleaning air filter".

Removing and installing intake grille

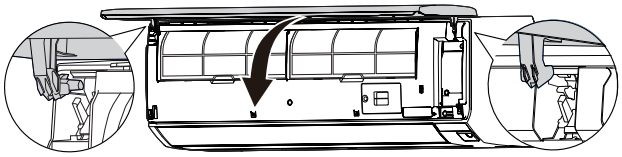
■ Removing intake grille

1. Open the intake grille.
2. While pressing the left and right mounting shafts outward gently, pull the intake grille.

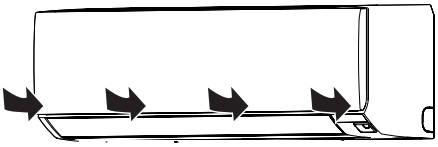


■ Installing intake grille

1. While holding the intake grille horizontal, set the left and right mounting shafts into the pillow blocks at the top of the front panel.
   Insert the shaft until it snaps to latch each shaft properly.



2. Close the intake grille.
   Press 4 places on the intake grille to close it completely.



When not using for an extended period

When suspending use of the air conditioner after using the Cooling or Dry mode, perform Fan mode for half a day to dry the internal parts thoroughly. Moisture left inside the indoor unit may cause mold.

Additional inspection

After long period of use, accumulated dust inside the indoor unit may reduce the performance even if you have maintained the unit properly.

In such a case, a product inspection is recommended.

For more information, consult authorized service personnel.

Filter indicator reset (Special setting)

This function can be used if set correctly during installation. Consult authorized service personnel in order to use this function.

☞ Clean the air filter when the indicator lamp show the following:

Indicator lamp	Blinking pattern
	Blinks 3 times, at intervals of 21 seconds

After cleaning, reset the filter indicator by pushing on the indoor unit for 2 seconds or less.

12. GENERAL INFORMATION

■ Heating performance

This air conditioner operates on the heat-pump principle, absorbing heat from air outdoors and transferring that heat to the indoor unit. As a result, the operating performance is reduced as outdoor air temperature drops.

If you feel that the heating performance is insufficient, we recommend you to use this air conditioner in conjunction with other kinds of heating appliance.

■ Automatic defrosting operation

When outdoor temperature is very low with high humidity, frost may form on the outdoor unit during the heating operation, and it could reduce the operating performance of the product.

For frost protection, an automatic defrost function is equipped in this air conditioner.

If frost forms, the air conditioner will temporarily stop, and defrost circuit will operate briefly (maximum of 15 minutes.)

[ ] indicator on the indoor unit blinks during this operation.

If frost forms on the outdoor unit after the Heating operation, the outdoor unit will stop automatically after it operates for a few minutes. Then the Automatic defrosting operation starts.

■ Auto-restart function

In event of power interruption such as a blackout, the air conditioner stops once. But it restarts automatically and performs previous operation when the power supply is resumed.

If any power interruption occurs after the timer is set, counting down of the timer will be reset.

After the power supply is resumed, [ ] indicator on the indoor unit blinks to notify you that there has been a timer fault. In such a case, reset the clock and timer settings.

■ Malfunctions caused by other electrical devices

Use of other electrical appliances such as an electric shaver or nearby use of a wireless radio transmitter may cause the malfunction of the air conditioner.

If you encounter such a malfunction, turn off the circuit breaker once. Then turn it on again, and resume operation by using the remote controller.

■ Operable conditions of temperature and humidity

Permissible ranges of temperature and humidity are as follows:

Indoor temperature	Cooling/Dry	[°F (°C)]	64 to 90 (18 to 32)
	Heating	[°F (°C)]	60 to 86 (16 to 30)
Outdoor temperature	Cooling/Dry	[°F (°C)]	14 to 122 (-10 to 50) (*1)
	Heating	[°F (°C)]	-22 to 75 (-30 to 24) (*1)
Indoor humidity		[%]	80 or less (*2)

*1: Suction temperature of the outdoor unit.

*2: If the air conditioner is used continuously for many hours, water may condense on the surface and drip.

- If the unit is operated under the conditions except the permissible temperature range, the air conditioner operation may stop because of the automatic protection circuit working.
- Depending on the operating conditions, the heat exchanger may freeze, causing water leakage or other malfunction (in the Cooling or Dry mode).

■ Other information

- Do not use the air conditioner for any purpose other than room cooling/dry, room heating or fan.

■ Emergency heat (Special setting)

An auxiliary heater can be used instead of the outdoor unit if the auxiliary heater is connected and the function is set correctly during installation.

Consult authorized service personnel to use this function.

To activate/deactivate this function, Press on the indoor unit for 2 seconds or less during the Heating operation.

During the Emergency heat operation, [ ] indicator lamp will blink (3 seconds on, 1 second off).

13. OPTIONAL PARTS

13.1. Wired remote controller

The optional wired remote controller can be used.

You can use wired and wireless remote controller together.

However, some functions of the wireless remote controller are restricted. If you set the restricted functions, beeping sound will be heard, [ ], [ ], [ ] and [ ] indicator on the indoor unit will blink.

<Restricted functions for wireless remote controller>

When using together with wired remote controller (2-wire)

- Powerful operation
- Min. Heat operation
- Outdoor Unit Low Noise operation
- Individual Auto operation

You can use wired remote controller and wireless LAN control together.

However, some operations from the mobile app are restricted.

Multiple remote controller

NOTE:

- Depending on the remote controller, this function may not be available.

You can connect two wired remote controllers to one air conditioner.

Either remote controller can control the air conditioner.

However, the timer functions cannot be used by the secondary unit.

Group control

One remote controller can control up to 16 air conditioners. All of the air conditioners will be operated with the same settings.

You cannot use group control and wireless LAN control together.

14. TROUBLESHOOTING

⚠ WARNING

In the following events, immediately stop operation of the air conditioner, and disconnect all the power supply by turning off the electrical breaker or disconnecting the power plug. Then consult your dealer or authorized service personnel.

As long as the unit is connected to the power supply, it is not insulated from the power supply even if the unit is turned off.

- Unit smells of something burning or emits smoke
- Water leaks from the unit

Does not operate at all.

- ☐ Has there been a power outage?
  In this case, the unit restarts automatically after the power supply is resumed. (Refer to **page 13**.)
- ☐ Has the circuit breaker been turned off?
  ⇒ Turn on the circuit breaker.
- ☐ Has a fuse blown out or the circuit breaker been tripped?
  ⇒ Replace the fuse or reset the circuit breaker.
- ☐ Is the timer operating?
  ⇒ To check or deactivate the timer setting. (Refer to **page 6**.)
- ☐ <When using the wireless LAN control> Is the WLAN device in a firmware update?
  During the firmware update of the WLAN device, you cannot operate the air conditioner from the mobile app. Operate from the remote controller or wait until the update is complete (for a maximum of 5 minutes).
- ☐ <When using the wireless LAN control> Is the indoor unit in a firmware update?
  During the firmware update of the indoor unit, the air conditioner stops the operation. Wait until the update is complete. (for a maximum of 30 minutes).

Poor cooling or heating performance.

- ☐ Is the unit operating under the conditions except the permissible temperature range?
  In this case, the air conditioner may stop because of the automatic protection circuit working.
- ☐ Is the air filter dirty?
  ⇒ Clean the air filter. (Refer to **page 12.**)
- ☐ Is the intake grille or outlet port of indoor unit blocked?
  ⇒ Remove the obstructions.
- ☐ Is the room temperature adjusted appropriately?
  ⇒ To change the temperature setting. (Refer to **page 5**.)
- ☐ Is a window or door left opened?
  ⇒ Close the window or the door.
- ☐ Is the fan speed set to Quiet?
  ⇒ To change the fan speed. (Refer to **page 6**.)
- ☐ Has the Outdoor Unit Low Noise operation been set?
  ⇒ To stop the Outdoor Unit Low Noise operation. (Refer to **page 8**.)
- ☐ <In the Cooling mode> Is direct or strong sunlight shining into the room?
  ⇒ Close the curtains.
- ☐ <In the Cooling mode> Are there other heating apparatus or computers operating, or too many people in the room?
  ⇒ Turn the heating apparatus or computers off, or set the temperature lower. (Refer to **page 5**.)

Airflow is weak or stops.

- ☐ Is the fan speed set to Quiet?
  ⇒ To change the fan speed. (Refer to **page 6.**)
- ☐ Has the Fan Control for Energy Saving set? In this case, the indoor unit fan may stop temporarily while the Cooling operation.
  ⇒ To cancel the Fan control for energy saving.
  (Refer to **page 7**.)
- ☐ <In the Heating mode> Have you just started the operation?
  In this case, the fan rotates at very low speed temporarily to warm up the internal parts of the unit.
- ☐ <In the Heating mode> Is the room temperature higher than the set temperature?
  In this case, the outdoor unit stops and the indoor unit fan rotates at very low speed.
- ☐ <In the Heating mode> Is [▌] indicator blinking?
  In this case, the Automatic defrosting operation is working. The indoor unit stops for maximum of 15 minutes. (Refer to **page 13**.)
- ☐ <In the Dry mode> The indoor unit operates at low fan speed to adjust the room humidity, and may stop from time to time.
- ☐ <In the Auto mode and Individual Auto mode> While the monitoring operation, the fan rotates at very low speed.

Noise is heard.

- ☐ Is the unit operating, or immediate after stopping operation?
  In this case, refrigerant flowing sound may be heard. It may be particularly noticeable for 2-3 minutes after starting operation.
- ☐ Do you hear a slight squeaking sound during the operation?
  This sound is produced by the minute expansion and contraction of the front panel caused by temperature change.
- ☐ <In the Heating mode> Do you hear a sizzling sound?
  This sound is produced by the Automatic defrosting operation. (Refer to **page 13**.)

Smell coming from the unit.

- ☐ The air conditioner may absorb various smells generated from interior textile, furniture, or cigarette smoke. These smells may be emitted during the operation.

Mist or steam is emitted from the unit.

- ☐ <In the Cooling or Dry mode> A thin mist may be generated by condensation formed with sudden cooling process.
- ☐ <In the Heating mode> Is [▌] indicator on the indoor unit blinking?
  In this case, steam may rise from the outdoor unit because of the Automatic defrosting operation.(Refer to **page 13**.)

Outdoor unit emits water.

- ☐ <In the Heating mode> The outdoor unit may emit water generated by the Automatic defrosting operation. (Refer to **page 13**.)

The unit operates differently from the remote controller setting.

- ☐ Are the batteries in the remote controller exhausted?
  ⇒ Replace the batteries.
- ☐ Do you use the group control?
  In this case, if the Energy saving program (Occupancy sensor) on the wireless remote controller is activated, you cannot operate the air conditioner by the wireless remote controller.
  ⇒ Deactivate the Energy saving program. (Refer to **page 7**.)

Operation is delayed after restart.

- ☐ Has the power supply turned from Off to On suddenly?
  In this case, the compressor will not operate for about 3 minutes to prevent a blowout of the fuse.

Immediately stop operation and turn off the electrical breaker in following cases. Then consult authorized service personnel.

- The problem persists even if you perform these checks or diagnostics.
- On the indoor unit, [▌] and [⏲] blink while [⌂] is blinking fast.

NOTE: For any troubleshooting related to the wireless LAN control, refer to the mobile app installed in your smartphone.

■ State of indicator lamps

: The instruction is relating to the wireless LAN control.

Lighting pattern: Blinking, Any state, Lighting.

State	Causes and solutions	See page
	Automatic defrosting operation ⇒ Wait until finishing the defrosting (maximum of 15 minutes).	13
(3 times)	Filter indicator ⇒ Clean the air filter and reset the filter sign.	13
(Fast)	Error code display ⇒ Consult authorized service personnel.	-
	Timer setting error because of Auto restart ⇒ Reset the clock and timer settings.	13
	Test run operation (for authorized personnel only) ⇒ Press to quit the test run.	4
(Slow)	The power to the access point is not on. ⇒ Check that the power to the wireless router is on.	-
	There is a possibility that the WLAN device is not properly connected to the access point. ⇒ Disconnect the power supply to the air conditioner (via breaker or plug), and then re-connect.	10
(Fast)	The firmware of the WLAN device is being updated. You cannot operate the air conditioner from the mobile app. Operate from the remote controller or wait until the update is complete (for a maximum of 5 minutes).	11
	During the air conditioner registration (pairing of WLAN device)	10
	The indoor unit is preparing the firmware update. You cannot operate the air conditioner. Wait until the update is complete (for a maximum of 30 minutes).	11
or	<While the operation is stopped> The indoor unit is in the firmware update. You cannot operate the air conditioner. Wait until the update is complete (for a maximum of 30 minutes).	11
(Slow)	<While the operation is stopped> The firmware update of the indoor unit is complete. The settings from the wireless remote controller are initialized. Control the air conditioner from the wireless remote controller to resend the settings.	11
	<While the operation is stopped> If you cannot operate the air conditioner, the malfunction may occur on the firmware of the indoor unit. Consult authorized service personnel.	-
	Restricted function	13

■ Manual Auto operation and Filter indicator reset

You can operate the air conditioner with on the indoor unit.

Status	Length of pressing down	Mode or operation
In operation	More than 3 seconds	Stop
Stopping	2 seconds or less	Filter indicator reset
	More than 3 seconds and less than 10 seconds	Auto
	More than 10 seconds (Only for servicing.) (*1)	Forced cooling
In Heating operation	2 seconds or less (Special setting) (*2)	Emergency heat

*1: To stop the forced cooling, press this button or on the remote controller.

*2: Refer to “Emergency heat (page 13)” for details.

■ Service check

If [ ] and [ ] blink while [ ] is blinking fast on the indoor unit, check the error code. The error code is 2-digit numbers or characters.

1. Press and hold TEST RUN for more than 5 seconds.

The remote controller will enter to the Service check mode and “ ” will be shown.

2. Press TEMP. SELECT ( ) to change the shown error code.
By pressing and holding, the error code changes by every 0.5 second.
The indoor unit emits 1 short beep each time the error code changes.
When the corresponding error code is shown, the indoor unit emits multiple beeps and all the indicator lamps on the indoor unit blink.

(Max. 2 min/cycle)

The characters used for error code					
A	A	C	C	F	F
J	J	P	P	U	U

To finish the Service check mode, press .

The remote controller will return to the original display.

Tell the error code to authorized service personnel when consulting them.

If the indoor unit emits multiple beeps at “00”, no error is detected.