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

MODEL:
* Please write down the model name. (Refer to the rating label.)
* Veuillez écrire le nom du modèle. (Consultez l’étiquette des spécifications.)
* Anote el nombre de modelo. (Consulte la etiqueta de calificación.)
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.
**CAUTION**

- 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.
- 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 apply any heavy pressure to radiator fins.
- Do not stand on unstable steps when operating or cleaning this product. It may overturn and can cause injury.

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**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.

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This product contains fluorinated greenhouse gases.

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**Indoor unit accessories**

Please check that the following accessories are included.

- Remote controller
- Remote controller holder
- Tapping screws
- Batteries
- Air cleaning filters
- Filter holders

**Remote controller holder installation**

1. Screws
2. Insert
3. Slide up

**Battery loading and remote controller preparation**

(R03/LR03/AAA x 2)

1. ~ 3. Put batteries as shown in the figure above.
4. Press to start clock setting.
5. Press 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.
   - By pressing TEMP (▲), the time indicator can be changed from a 12-hour to a 24-hour clock.
6. Press to complete the setting.

**NOTES:**

- Use specified type of batteries only.
- Do not mix different types or new and used batteries together.
- Batteries can be used about 1 year in ordinary use.
- If the remote control range noticeably shortens, replace the batteries, and press RESET as shown in page 4.
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

: The instruction is relating to the wireless LAN control (optional).

#### 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.

<table>
<thead>
<tr>
<th>Name</th>
<th>Color</th>
<th>Operation or condition</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operation</td>
<td>Green</td>
<td>Normal operation</td>
</tr>
<tr>
<td>Timer</td>
<td>Orange</td>
<td>Timer operation</td>
</tr>
<tr>
<td>Economy</td>
<td>Green</td>
<td>Economy operation Min. Heat operation</td>
</tr>
<tr>
<td>W-LAN</td>
<td>Orange</td>
<td>Wireless LAN control is active</td>
</tr>
</tbody>
</table>

### 3.2. Remote controller

When you use the optional remote controller, the appearance and the operation procedure may differ. For details, please refer to the operating 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.
: The instruction is relating to the wireless LAN control (optional).

#### 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

For Basic operations Refer to page 5.

For Min. (Minimum) Heat operation Refer to page 6.

For Energy saving operation Refer to page 6.

NOTES: If the test run starts unintentionally, press to quit the test run.
**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.

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**For Powerful operation ............... Refer to page 6.**

- **POWERFUL**
  - Activates or deactivates the Powerful operation.

**For Airflow settings ....................... Refer to page 5.**

- **FAN**
  - Controls the fan speed.
- **SWING**
  - Sets the automatic Swing operation.
- **SET**
  - Controls the vertical airflow direction.

**For Timer operations ..................... Refer to page 5.**

- **ON**
  - By pressed down, enters the wireless LAN setting mode. (Refer to page 9.)
- **OFF**
  - Sets the Off timer.
- **SLEEP**
  - Sets the Sleep timer.
  - Deactivates the timer setting.
  - By pressed down, activates or deactivates the wireless LAN control. (Refer to page 9.)
- **SELECT**
  - Adjusts the value of the timer or clock settings.
- **RESET**
  - Starts the clock setting.

* If you set both the On timer and Off timer, they will operate in order of set time.

**After replacing batteries**

- **RESET**
  - Press this button as shown in the following figure. Use a tip of a ballpoint pen or other small object.
4. BASIC OPERATIONS

■ 3 steps to start operation
1. Press (__) 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
3. Press [TEMP] to set the desired temperature.
   The temperature changes by 1 °F (0.5 °C) increments.

3 steps to start operation
1. Press (__) 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
3. Press [TEMP] to set the desired temperature.
   The temperature changes by 1 °F (0.5 °C) increments.

5. TEMPERATURE SETTING

Temperature setting range

<table>
<thead>
<tr>
<th>Mode</th>
<th>Setting Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auto/Cooling/Dry</td>
<td>64-88 °F (18.0-30.0 °C)</td>
</tr>
<tr>
<td>Heating</td>
<td>60-88 °F (16.0-30.0 °C)</td>
</tr>
</tbody>
</table>

NOTES:
• In the Cooling 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.
• When the beginning of the operation, the indoor unit fan rotates at 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.

5. AIRFLOW SETTINGS

5.1. Fan speed setting
Press [FAN] to control the fan speed.
   The fan speed changes as follows.
   AUTO  High  Med  Low  Quiet
When AUTO is selected, the fan speed depends on the operating condition.
To increase the air cleaning effect, set the fan speed to High.

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

■ Vertical airflow direction setting
Press [SET] to adjust the vertical airflow direction.

■ Horizontal airflow direction setting

CAUTION
Before you adjust the horizontal airflow direction, make sure that the vertical airflow direction louvers has been stopped completely.
Adjust two knobs by hand.

6. TIMER OPERATIONS

6.1. On timer or Off timer
The On timer starts the operation at your desired time.
The Off timer stops the operation at your desired time.
1. When you use the On timer, press [ON].
   When you use the Off timer, press [OFF].
2. Press [SELECT] to set on time or off time.
   Pressing the button: The time will change by +5/-5 minutes.
   Pressing and holding down the button: The time will change by +10/-10 minutes.
   • To deactivate the On/Off timer, press [MODE] while ON/OFF is shown on the remote controller display.
   The indicator will disappear.
   NOTES: If you set the Sleep timer after setting the On timer or Off timer, the On timer or Off timer is canceled.

6.2. Program timer
The Program timer operates as the combination of the On timer and Off timer.
1. Set On timer and Off timer. (Refer to “6.1. On timer or Off timer”).
   The timer setting changes to the Program timer automatically.
   The timer whose setting time is closer to the current time works first.
   The order of the timer operation is displayed as follows:

<table>
<thead>
<tr>
<th>Timer</th>
<th>Indicator on the remote controller display</th>
</tr>
</thead>
<tbody>
<tr>
<td>On→Off timer</td>
<td>ON→OFF</td>
</tr>
<tr>
<td>Off→On timer</td>
<td>ON→OFF</td>
</tr>
</tbody>
</table>

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.

1. Press \[ \text{SLEEP} \].
2. Press \[ \text{SELECT} (\uparrow \downarrow) \] to set the time until the operation stops.

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

- 9 hours (30 minutes)
- 7 hours
- 5 hours
- 3 hours
- 2 hours
- 1 hour
- 30 minutes

NOTES: If you do not press any buttons for 5 seconds, the remote controller display returns to the standby screen.
- The setting time is kept even if the Sleep timer finishes. To repeat the Sleep timer, press \[ \text{SLEEP} \] while \[ \text{SLEEP} \] is not shown on the remote controller display.
- To deactivate the Sleep timer, press \[ \text{SLEEP} \] while \[ \text{SLEEP} \] is shown on the remote controller display. The indicator will disappear.

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

- In Heating mode
- In Cooling or Dry mode

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.

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 \[ \text{ECONOMY} \] to activate/deactivate the Economy operation.

\[ (\text{E}) \] indicator on the indoor unit will turn on.

<table>
<thead>
<tr>
<th>Operation mode</th>
<th>Room temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooling/Dry</td>
<td>Few degrees higher than the set temperature</td>
</tr>
<tr>
<td>Heating</td>
<td>Few degrees lower than the set temperature</td>
</tr>
</tbody>
</table>

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 mode.

7.2. 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 \[ \text{OSLEEP} \] until only the clock is displayed on the remote controller display.
2. Press down \[ \text{FAN} \] for more than 5 seconds.
   - The current Fan Control status (\[ \text{F} \]) is displayed.
3. Press \[ \text{OSLEEP} \] to switch between activated (\[ \text{ON} \]) or deactivated (\[ \text{OFF} \]).
4. Press \[ \text{OSLEEP} \] to send the setting to the indoor unit.
   - The display will return to the original screen.

NOTES: If you do not press any buttons for 30 seconds after \[ \text{F} \] is displayed, \[ \text{F} \] 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.

NOTES: In multi connection, this function cannot be used.

Press \[ \text{POWERFUL} \] 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.
  - Energy Saving program
  - If the wired remote controller (optional) is connected, this function is restricted.

8.2. 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 \[ \text{MIN. HEAT} \] to activate the Min. Heat operation.
- The indoor unit will emit 1 short beep and \[ (\text{E}) \] indicator on the indoor unit will turn on.

Press \[ \text{SET} \] to turn off the air conditioner.
- \[ (\text{E}) \] indicator will turn off.

NOTES:
- During the Min. Heat operation, only \[ \text{SET} \] is 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. SETTINGS ON INSTALLATION

9.1. 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).

NOTES: 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 until only the clock is displayed on the remote controller display.
2. Press and hold [MODE] for more than 5 seconds.
   The current custom code will be displayed (initially set to A).
3. Press [MODE] to change the custom code between A↔B↔C↔D (1→2→3→4→1).
   * Match the custom code on the display to the air conditioner custom code.
   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.
   • Depending on the remote controller, the custom code may return to A when replacing the batteries. In this case, reset the custom code as necessary. If you do not know the air conditioner custom code, try each code until you find the code which operates the air conditioner.

10. 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.
• If the filter cleaning involves high-place work, please consult the authorized service personnel.
• 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.

Air cleaning filters
(Apple catechin filter, Ion deodorization filter)

The frequency of the cleaning is as shown in the following table.

<table>
<thead>
<tr>
<th>What to do</th>
<th>Frequency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cleaning indoor unit body</td>
<td>When you notice</td>
</tr>
<tr>
<td>Cleaning air filter</td>
<td>Every 2 weeks</td>
</tr>
<tr>
<td>Cleaning Ion deodorization filter</td>
<td>Every 3 months</td>
</tr>
<tr>
<td>Replacing Apple catechin filter (Model name: UTR-FA16)</td>
<td></td>
</tr>
<tr>
<td>Replacing Ion deodorization filter (Model name: UTR-FA16-2)</td>
<td></td>
</tr>
</tbody>
</table>

* The air cleaning filters are sold separately. When you replace them, please 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.

   Tabs (2 places)

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.

NOTES: If dirt accumulates on the air filter, airflow will be reduced, operating efficiency will lower, and the noise will increase.
Cleaning Ion deodorization filter and Replacing Apple-catechin filter

1. Remove the air filters. Refer to steps 1 ~ 2 of “Cleaning air filter”.
2. Remove the air cleaning filters from the air cleaning filter holder.
3. Flush the ion deodorization filter (light blue) with high-pressure hot water until the surface of the filters are covered with water.
4. Wash the ion deodorization filter with diluent neutral detergent. Do not ream or rub, otherwise the deodorizing effect may decrease.
5. Rinse the ion deodorization filter with water flow.
6. Dry the ion deodorization filter in shade.
7. Remove the Apple-catechin filter (light green) from the air cleaning filter holder.
8. Set the new or washed air cleaning filters into the air cleaning filter frames.
9. Install the air cleaning filter holders to the air filters. Engage the 4 hooks at the rear of the air cleaning filter frame with the latch at both ends of the air filter. * Take care that the air cleaning filter does not project beyond the frame.
10. Replace the air filters and close the intake grille. Refer to steps 4 ~ 5 of “Cleaning air filter”.

Replacing Ion deodorization filter

1. Remove the air filters. Refer to steps 1 ~ 2 of “Cleaning air filter”.
2. Remove the ion deodorization filter (light blue) from the air cleaning filter holder.
3. Install the new Ion deodorization filter.

Removing and installing intake grille

Removing intake grille

1. Open the intake grille until it snaps.
2. Pull the mounting shafts while keeping the intake grille in a horizontal position.

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

After extended non-use of the unit

If you have shut down the indoor unit for 1 month or more, perform the Fan mode operation for half a day to dry the internal parts thoroughly before the normal operation.

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. Please consult authorized service personnel in order to use this function.

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

<table>
<thead>
<tr>
<th>Indicator lamp</th>
<th>Blinking pattern</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Blinks 3 times, at intervals of 21 seconds</td>
</tr>
</tbody>
</table>

After cleaning, reset the filter indicator by pushing on the indoor unit for 2 seconds or less.
11. 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, a microcomputer-controlled 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.) 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.

■ Indoor unit temperature and humidity range
Permissible ranges of temperature and humidity are as follows:

<table>
<thead>
<tr>
<th>Indoor temperature</th>
<th>Cooling/Dry [°F (°C)]</th>
<th>Heating  [°F (°C)]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indoor humidity [%]</td>
<td>64 to 89 (18 to 32)</td>
<td>60 to 86 (16 to 30)</td>
</tr>
<tr>
<td>Indoor humidity</td>
<td>80 or less *1</td>
<td></td>
</tr>
</tbody>
</table>

*1) 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.
• For the permissible ranges of temperature and humidity for the outdoor unit, refer to the outdoor unit installation manual.

12. OPTIONAL PARTS

12.1. 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-wired type)
• Powerful operation
• Min. Heat operation

You can use wired remote controller and wireless LAN control (optional).
However, some operations from the mobile app are restricted.

Multiple remote controller
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.

12.2. Wireless LAN control
The optional wireless LAN control can be used.
For how to operate the mobile app, refer to the operating manual of the mobile app.
Write down the SSID and the PIN code to the following table.

<table>
<thead>
<tr>
<th>SSID</th>
<th>PIN</th>
</tr>
</thead>
</table>

Google Play is a registered trademark of Google Inc.
App store is a service mark of Apple Inc., registered in the U.S. and other countries.

Setting to use wireless LAN control

Step 1. Application software installation
1. Open “Google Play” or “App Store” depending on the type of your smartphone or tablet PC.
2. Search for “FG Lai r”.
3. Install the application software (mobile app) following the instructions on your screen.
Step 2. User registration

1. Open the installed mobile app.
2. Register the user (with either a smartphone or tablet PC) by following the instructions in the create an account section of the mobile app.

Step 3. Installing W-LAN adapter

**CAUTION**

- Be sure to turn off the power supply of the air conditioner when installing or removing this product to avoid the risk of electric shock.
- Do not put fingers, sticks etc. in the connection part of this product and the connection slot of the indoor unit. Otherwise, electric shock or damage to the product may occur.
- Do not standing on an unstable platform when installing or removing this product to avoid injury.

1. Be sure to turn air conditioner off and to disconnect all the power supply.
2. Open the intake grille.
3. Open the W-LAN adapter cover until it snaps.
4. Plug the W-LAN adapter into the connection slot of the indoor unit in the direction as shown in the figure.
5. Close the W-LAN adapter cover and the intake grille.

Step 4. Air conditioner registration (pairing of W-LAN adapter)

**NOTES:**

- Before starting this setting, reconnect the power supply of the air conditioner and wait for 60 seconds or more.
- Check that the smartphone or tablet PC is linked to the wireless router you are connecting the air conditioner. The setting will not work if it is not connected to the same wireless router.
- To control 2 or more air conditioners with the same smartphone or tablet PC, repeat the setup of the chosen mode.

Register the air conditioner by following the instructions on the mobile app.

This operating manual describes only the setting procedure of the remote controller.

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

For reference

### <Manual mode>

**Setting procedure of the remote controller**

**NOTES:** 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 [ ] on the remote controller until only the clock is displayed on the remote controller display.
2. Press down [ ] on the remote controller for more than 5 seconds. [ ] will be displayed on the remote controller display.
3. Press [ ].
4. Select [ ] using [ ].
5. Press [ ].

The indoor unit enters Manual mode and [ ] indicator on the indoor unit will blink.

**NOTES:** If the registration is not be finished in several minutes, manual mode is canceled and [ ] indicator turns off. In this case, please repeat the remote controller setting.

### <Button mode>

**Setting procedure of the remote controller**

**NOTES:** 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 [ ] on the remote controller until only the clock is displayed on the remote controller display.
2. Press down [ ] on the remote controller for more than 5 seconds. [ ] will be displayed on the remote controller display.
3. Press [ ].
4. Select [ ] using [ ].
5. Press [ ].

The indoor unit enters Button mode and [ ] indicator on the indoor unit will blink (on/off = 1sec/1sec).

When the W-LAN adapter find a connectable W-LAN access point, the blinking will become slowly (on/off = 2sec/0.5sec).

**NOTES:** If the connection to W-LAN access point is not be finished in several minutes, Button mode is canceled and [ ] turns off. In this case, please repeat the remote controller setting.
13. 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 9.)
☐ 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 5.

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 7.)
☐ 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 5.

Temporary deactivation of wireless LAN
NOTES: 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 $\text{[}$ on the remote controller until only the clock is displayed on the remote controller display.
2. Press down $\text{[RANGE}$ on the remote controller for more than 5 seconds. $\text{[} \text{n}$ will be displayed on the remote controller display.
3. Select $\text{OFF}$ using $\text{[TEMP} (\text{C}) \cdot$.*

4. Press $\text{[WIFI}$.
$\text{[}$ indicator on the indoor unit will turn off.
* If you want to activate wireless LAN again, select $\text{ON}$ 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 operating manual of the mobile app for details.)

Initialization of the W-LAN adapter
NOTES: 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 $\text{[}$ on the remote controller until only the clock is displayed on the remote controller display.
2. Press down $\text{[ON}$ on the remote controller for more than 5 seconds. $\text{[} \text{n}$ will be displayed on the remote controller display.
3. Select $\text{2}$ using $\text{[TEMP} (\text{C}) \cdot$

4. Press $\text{[WIFI}$.
$\text{[}$ on the remote controller display will blink.

5. Press $\text{[WIFI}$ again.
$\text{[}$ 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 W-LAN adapter)” to reconnect to a different wireless router.

NOTES: Wireless LAN setup is not possible if the previous owner did not unregister or initialize this product. In this case, please contact your authorized service personnel.
Airflow is weak or stops.

- Is the fan speed set to Quiet?
  ⇒ To change the fan speed, refer to page 5.
- Has the Fan Control for Energy Saving set? In this case, the indoor unit may stop temporarily while the Cooling operation.
  ⇒ To cancel the Fan control for energy saving, refer to page 6.
- *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 the [ ] indicator blinking? In this case, the Automatic defrosting operation is working. The indoor unit stops for maximum of 15 minutes. (Refer to page 9.)
- *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* 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 9.)

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 the [ ] 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 9.)

Outdoor unit emits water.

- *In the Heating mode* The outdoor unit may emit water generated by the Automatic defrosting operation. (Refer to page 9.)

The unit operates differently from the remote controller setting.

- Are the batteries in the remote controller exhausted?
  ⇒ Replace the batteries.

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.

**NOTES:** For any troubleshooting related to the W-LAN control, refer to the setting manual for W-LAN adapter or the mobile app installed in your smartphone or tablet PC.

### State of indicator lamps

- : The instruction is relating to the wireless LAN control (optional).

<table>
<thead>
<tr>
<th>State Causes and solutions</th>
<th>See page</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image3" alt="Blinking" /> <img src="image4" alt="Any state" /></td>
<td>Automatic defrosting operation ⇒ Please wait until finishing the defrosting (maximum of 15 minutes).</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image5" alt="Filter indicator" /> (3 times)</td>
<td>Filter indicator ⇒ Clean the air filter and reset the filter sign.</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Fast)</td>
<td>Error code display ⇒ Consult authorized service personnel.</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Slow)</td>
<td>Timer setting error because of Auto restart ⇒ Reset the clock and timer settings.</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /></td>
<td>Test run operation for (authorized personnel only) ⇒ Press to quit the test run.</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Stop)</td>
<td>The power to the wireless router is not on. ⇒ Check that the power to the wireless router is on.</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Fast)</td>
<td>There is a possibility that the W-LAN adapter is not properly connected to the wireless router. ⇒ Disconnect the power supply to the air conditioner (via breaker or plug), and then re-connect.</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Fast)</td>
<td>The software of the W-LAN adapter is being updated.</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Fast)</td>
<td>During the air conditioner registration (pairing of W-LAN adapter)</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Fast)</td>
<td>Restricted function</td>
</tr>
<tr>
<td><img src="image1" alt="Off" /> <img src="image2" alt="On" /> <img src="image6" alt="Auto" /> <img src="image5" alt="Filter indicator" /> (Fast)</td>
<td></td>
</tr>
</tbody>
</table>

### Manual Auto operation and Filter indicator reset

You can operate the air conditioner with ![Auto](image6) on the indoor unit.

<table>
<thead>
<tr>
<th>Status</th>
<th>Length of pressing down</th>
<th>Mode or operation</th>
</tr>
</thead>
<tbody>
<tr>
<td>In operation</td>
<td>More than 3 seconds</td>
<td>Stop</td>
</tr>
<tr>
<td>Stopping</td>
<td>2 seconds or less</td>
<td>Filter indicator reset</td>
</tr>
<tr>
<td></td>
<td>More than 3 seconds and less than 10 seconds</td>
<td>Auto</td>
</tr>
<tr>
<td></td>
<td>More than 10 seconds (Only for servicing.*)</td>
<td>Forced cooling</td>
</tr>
</tbody>
</table>

*To stop the forced cooling, press this button or ![On](image2) on the remote controller.*