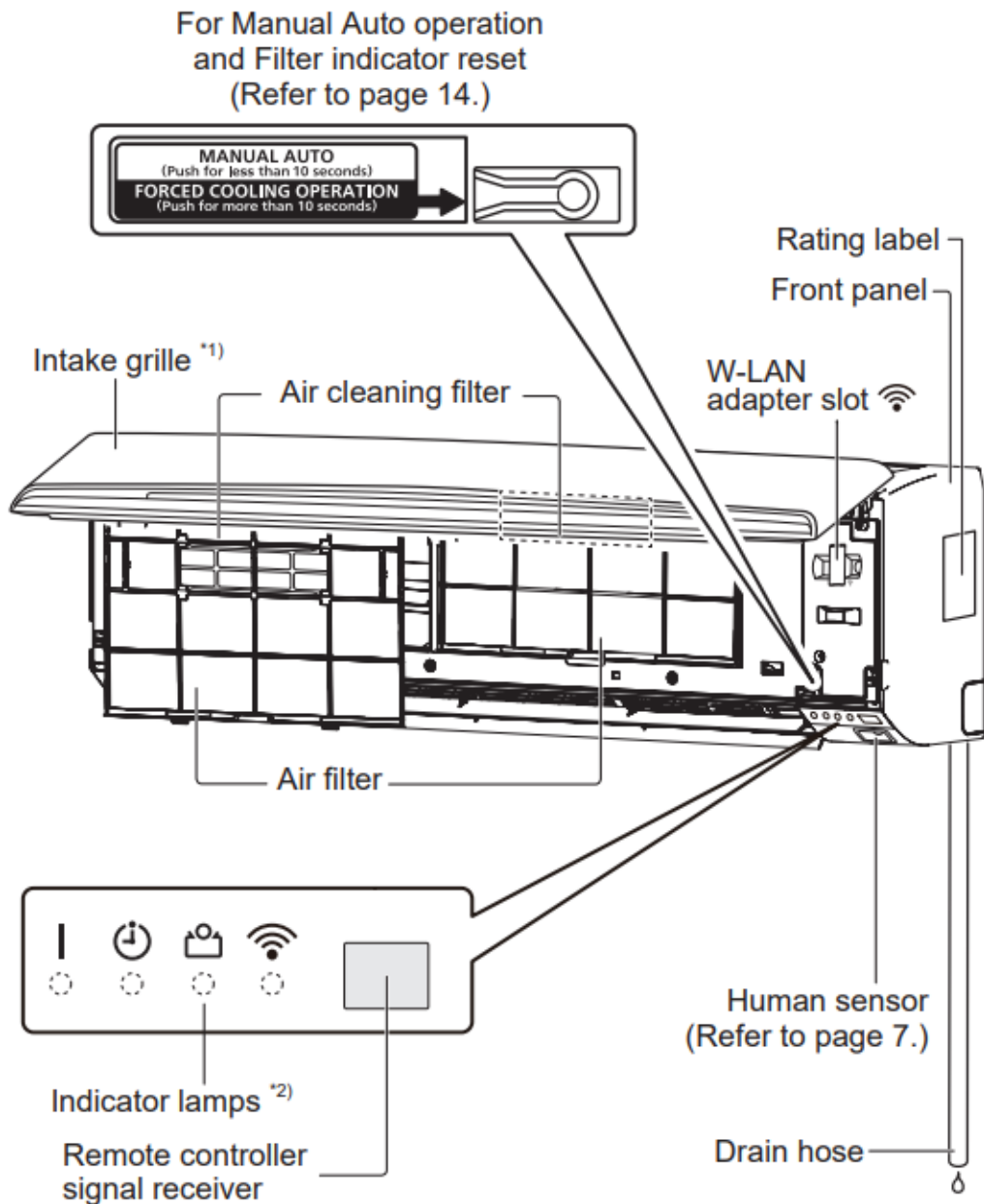


NAME OF PARTS

Indoor unit



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



*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 10 °C Heat operation
	W-LAN	Orange	Wireless LAN control is active.

Remote controller

For Powerful operation Refer to page 8.

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 horizontal airflow direction. |

SET Controls the vertical airflow direction. |

For Timer operations Refer to page 5.

WEEKLY Activates or deactivates the Weekly timer.

ON/OFF Activates or deactivates the On timer, Off timer, or Program timer.

SLEEP Activates or deactivates the Sleep timer.

TIMER SETTING Starts the timer setting.

Sends the timer or clock setting to the indoor unit. *

SEND By pressed down, enters the wireless LAN setting mode. (Refer to page 12.) |

NEXT Forwards the timer or clock setting to the next step.

Returns the timer or clock setting to the previous step.

BACK ON/OFF By pressed down, activates or deactivates the wireless LAN control. (Refer to page 13.) |

SELECT Adjusts the value of the timer or clock settings.


CLOCK ADJUST Starts the clock setting.

After replacing batteries




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

BASIC OPERATIONS

■ 3 steps to start operation








1. Press  to start or stop the operation.
2. Press to select the operation mode. The operation mode changes as follows.



3. Press  ( ) to set the desired temperature. The temperature changes by 0.5 °C increments.

Temperature setting range	
Auto/Cooling/Dry	18.0 - 30.0 °C
Heating	16.0 - 30.0 °C

■ Temperature unit switching


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

TIMER OPERATIONS

■ Timer setting procedure

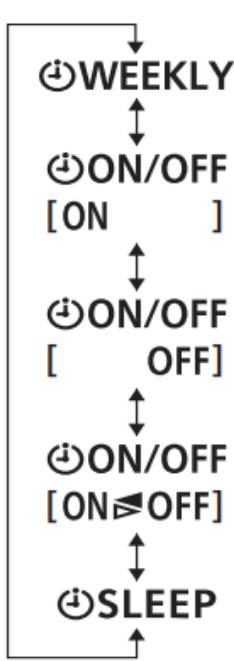
Before setting the timer, please adjust the clock. (Refer to "remote controller preparation").

1. Press 

 WEEKLY on the remote controller display will blink.

2. Press **SELECT** (\triangle ∇) to choose timer operation.

The timer operation will change as follows:

	Weekly timer	Enables you to set operation schedules up to 4 setting for each day of the week.
	On timer	Starts the operation at your desired time.
	Off timer	Stops the operation at your desired time.
	Program timer	Operates as the combination of the On timer and Off timer.
	Sleep timer	Supports your comfortable sleep by moderating the air conditioner operation gradually.

3. Press **NEXT**.

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

5. Press **SEND** to complete the timer setting. Be close to the indoor unit.

- To cancel the timer setting during the procedure, press **TIMER SETTING** again.

On timer or Off timer

1. Select On timer or Off timer in step 2 of "Timer setting procedure".
2. Press **SELECT** (\triangle ∇) to set on time or off time.

Pressing the button: The time will change by +5/-5 minutes.

Pressing down the button: The time will change by +10/-10 minutes.

Program timer

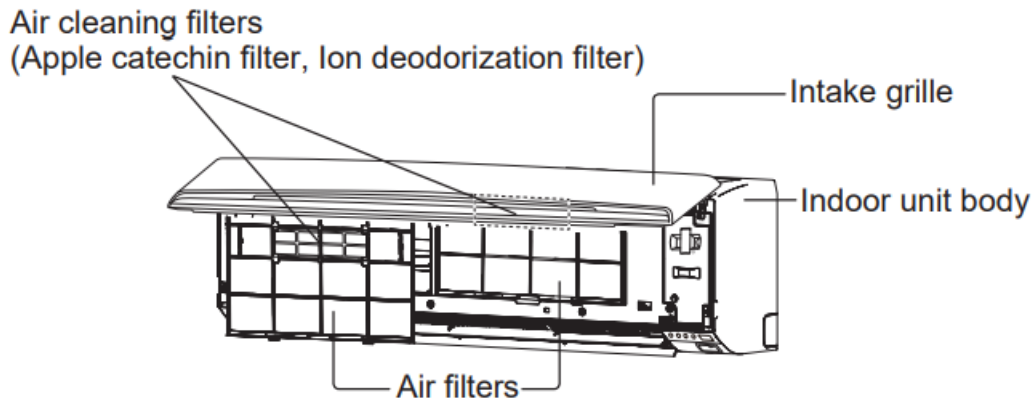
1. Set On timer and Off timer. (Refer to "6.2. On timer or Off timer").
2. Select Program timer in step 2 of "Timer setting procedure".

The timer whose setting time is closer to the current time works first.

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

CLEANING AND CARE



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

What to do	Frequency
Cleaning indoor unit body	When you notice
Cleaning intake grille	
Cleaning air filter	Every 2 weeks
Cleaning Ion deodorization filter	Every 3 months
Replacing Apple-catechin filter (Model name: UTR-FA13-1)	
Replacing Ion deodorization filter (Model name: UTR-FA13-2)	Every 3 years

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

Cleaning indoor unit body

NOTES:

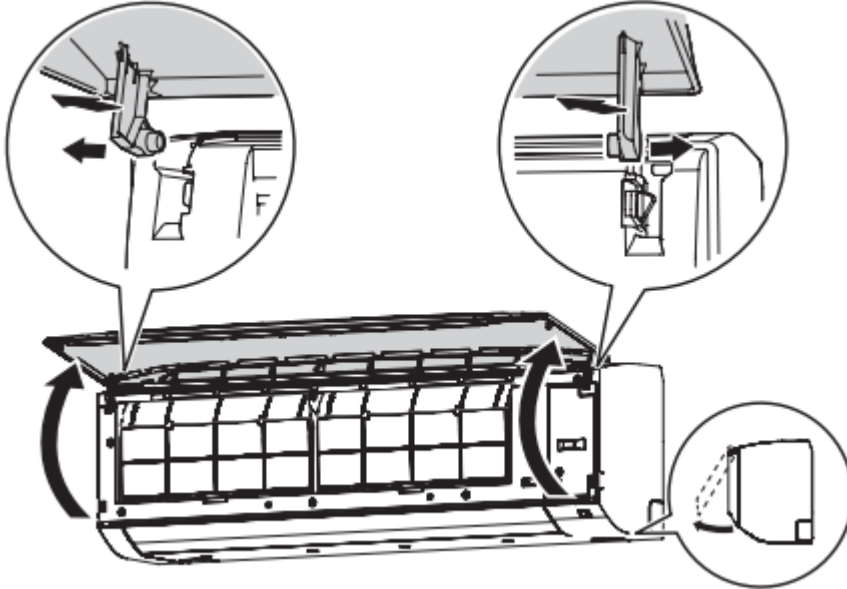
- Do not use water hotter than 40 °C.
 - Do not use scouring cleanser, volatile solvents such as benzene or thinner.
1. Wipe the indoor unit body gently with a soft cloth moisten with warm water.

2. Wipe the indoor unit body gently with a dry and soft cloth.

Cleaning 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.

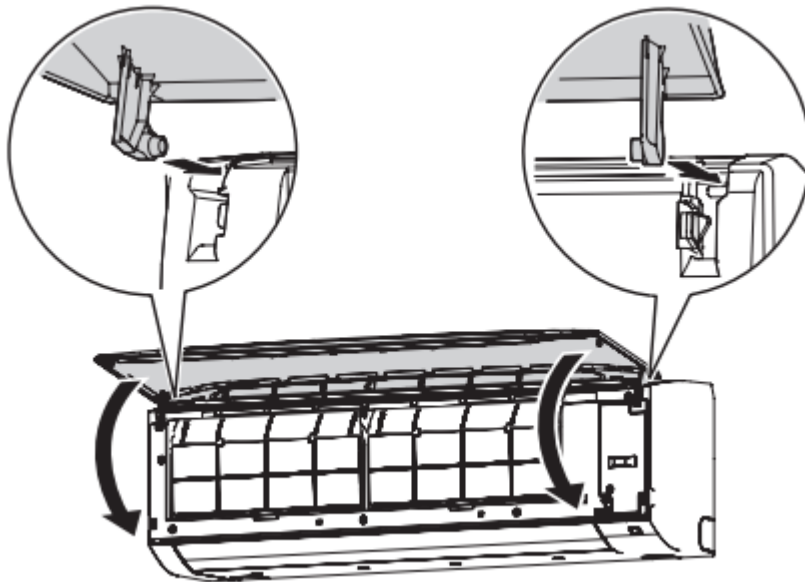


■ Cleaning intake grille

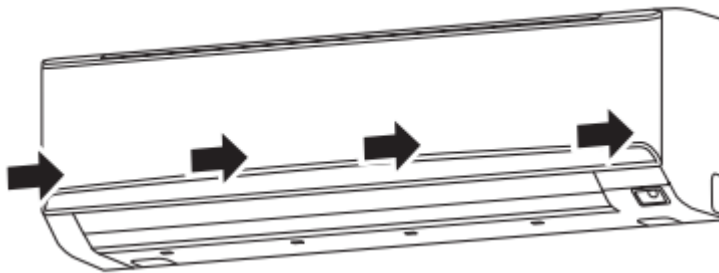
1. Wash the intake grille gently with water or wipe it gently with a soft cloth moisten with warm water.
2. Wipe the intake grille with a dry and soft cloth.

■ 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.

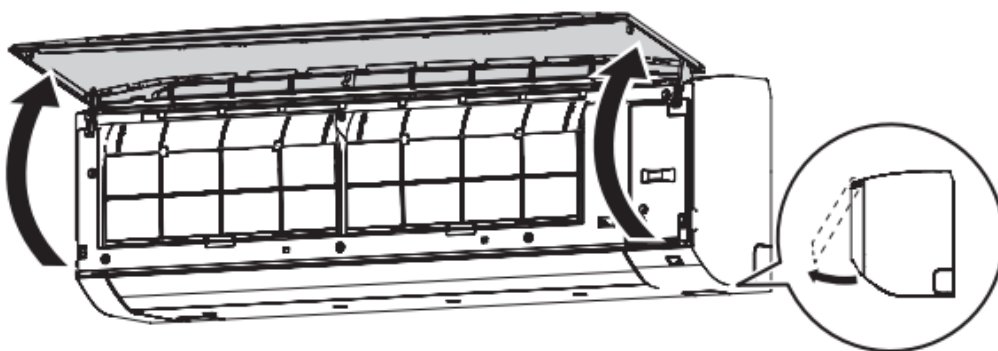


3. Press 4 places on the intake grille to close it completely.

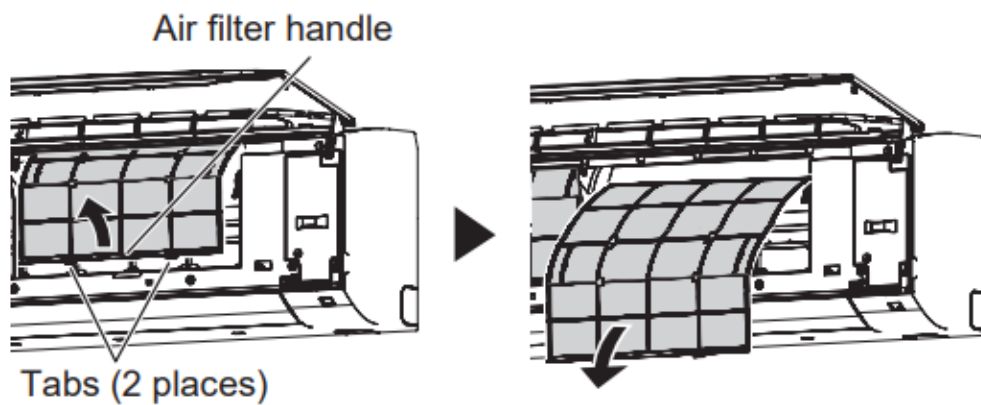


Cleaning air filter

1. Open the intake grille.



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

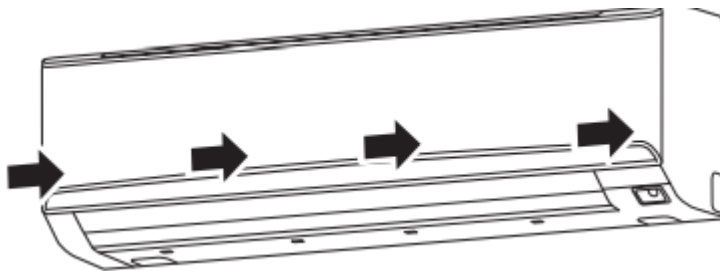


3. Remove the dust in either of the following ways.

- Cleaning with vacuum cleaner.
- Washing with mild detergent and warm water. After washing, dry the air filters thoroughly in shade.

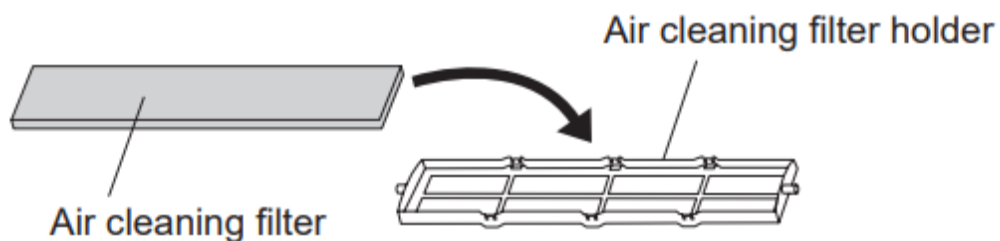
4. Replace the air filters. Align the sides of the air filter with the panel, and push in fully. Make sure to the two lower tabs are returned to their holes in the indoor unit properly.

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



Cleaning Ion deodorization filter and Replacing Apple-catechin filter

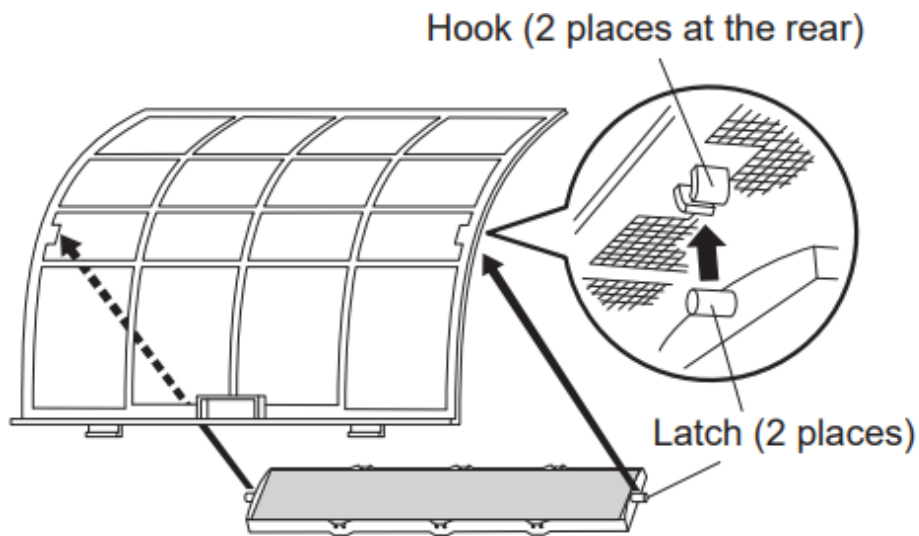
1. Remove the air filters. Refer to steps 1 ~ 2 of "Cleaning air filter".
2. Remove the air cleaning filters from the air cleaning filter holder.



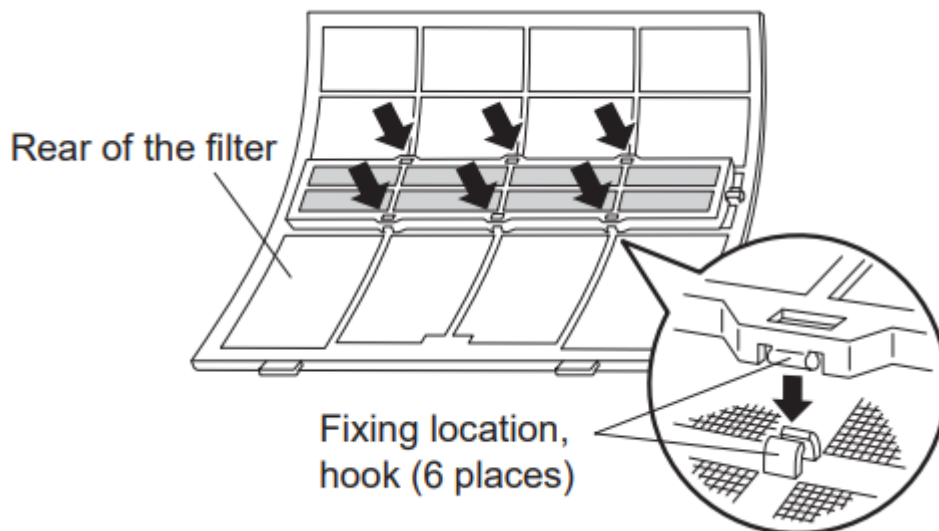
3. Flush the Ion deodorization filter (light blue) with highpressure hot water until the surface of the filters are covered with water.

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 holders.
9. Install the air cleaning filter holders to the air filters. Engage the 2 hooks at the rear of the air cleaning filter holder with the latch at both ends of the air holder.



10. Engage the six fixing locations at the top and bottom of the air cleaning filter holder with the hooks of the air filter.



11. 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 deodorizing filter.

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:

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.

TROUBLESHOOTING

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 11.)

- 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.

Do you have an arrangement with your electric company for Demand Response?

In this case, the air conditioning performance may become lower or the operation may stop.
(Refer to page 7.)

Is the air filter dirty?

⇒ Clean the air filter. (Refer to page 9.)

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.

Has the Outdoor Unit Low Noise operation been set?

⇒ To stop the Outdoor Unit Low Noise operation, refer to page 8.

Is direct or strong sunlight shining into the room?

⇒ Close the curtains.

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 5.

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 11.)

<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 11.)

The 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 11.)

Outdoor unit emits water.

<In the Heating mode> The outdoor unit may emit water generated by the Automatic defrosting operation. (Refer to page 11.)

The unit operates differently from the remote controller setting.

Do you have an arrangement with your electric company for Demand Response?

In this case, the air conditioning performance may become lower or the operation may stop. (Refer to page 7.)

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 (Human 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.




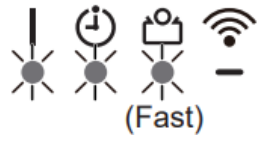



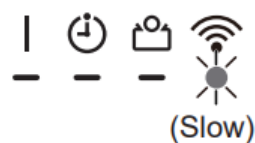
- The problem persists even if you perform these checks or diagnostics.
- On the indoor unit, [] and [] blink while [] is blinking fast.


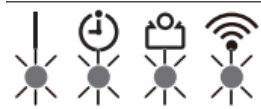
■ State of indicator lamps



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

Lighting pattern:  Off,  On,  Blinking,  Any state


State	Causes and solutions		
	<p>Automatic defrosting operation</p> <p>⇒ Please wait until finishing the defrosting (maximum of 15 minutes).</p>		
 <p>(3 times)</p>	<p>Filter indicator</p> <p>⇒ Clean the air filter and reset the filter sign.</p>		
 <p>(Twice)</p>	<p>Demand response operation</p>		
 <p>(Fast)</p>	<p>Error code display</p> <p>⇒ Consult authorized service personnel.</p>		
	<p>Timer setting error because of Auto restart</p> <p>⇒ Reset the clock and timer settings.</p>		
	<p>Test run operation (for authorized personnel only)</p> <p>⇒ Press  to quit the test run</p>		
 <p>(Slow)</p>	<table border="1" data-bbox="815 1659 1394 1794"> <tr> <td data-bbox="815 1659 1190 1794">The power to the wireless router is not on.</td> <td data-bbox="1190 1659 1394 1794"></td> </tr> </table> <p>⇒ Check that the power to the wireless router is on.</p>	The power to the wireless router is not on.	
The power to the wireless router is not on.			

	<div data-bbox="815 197 1350 365" style="border: 1px solid black; padding: 5px;"> <p>There is a possibility that the W-LAN adapter is not properly connected to the wireless router.</p> </div> <p data-bbox="815 398 1469 477">⇒ Disconnect the power supply to the air conditioner (via breaker or plug), and then re-connect.</p>
	<div data-bbox="815 562 1394 730" style="border: 1px solid black; padding: 5px;"> <p>The software of the W-LAN adapter is being updated.</p> </div> <div data-bbox="815 824 1350 958" style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p>During the air conditioner registration (pairing of W-LAN adapter)</p> </div>
	<p data-bbox="735 1025 970 1059">Restricted function</p>

■ 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.*)	Forced cooling

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

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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