

OPERATION MANUAL

Self Cleaning Decoration Panel

MODEL

BYCQ54EEGFU


Proper Use for Effective Energy Savings


- Thank you for purchasing the self-cleaning decoration panel.
- This manual describes safety considerations which should be observed during the use of the air conditioner.
Read this manual carefully and be sure you understand the information provided before attempting to use the air conditioner.
Keep this manual where it is readily accessible after reading.
If another user operates the air conditioner in the future, be sure to hand over this manual to the new user.
- This operation manual is dedicated to the decoration panel provided with a filter auto-cleaning function.
Read this manual along with the operation manual provided with the wired remote controller.


Safety Considerations


Read these **Safety Considerations for Operations** carefully before installing air conditioning equipment. After completing the installation, make sure that the unit operates properly during the startup operation. Instruct the customer on how to operate and maintain the unit.

Inform customers that they should store this Operation Manual with the Installation Manual for future reference. Meanings of **DANGER**, **WARNING**, **CAUTION**, and **NOTE** Symbols:

 **DANGER**Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

 **WARNING**Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

 **CAUTION**Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

 **NOTE**.....Indicates situations that may result in equipment or property-damage accidents only.

DANGER

- Do not install the unit in an area where flammable materials are present due to risk of explosion resulting in serious injury or death.
- Any abnormalities in the operation of the air conditioner such as smoke or fire could result in severe injury or death. Turn off the power and contact your dealer immediately.
- Refrigerant gas may produce toxic gas if it comes in contact with fire, such as from a fan, heater, stove, or cooking device. Exposure to this gas could cause severe injury or death.
- For refrigerant leakage, consult your dealer. Refrigerant gas is heavier than air and replaces oxygen. A massive leak could lead to oxygen depletion, especially in basements, and an asphyxiation hazard could occur leading to serious injury or death.
- If equipment utilizing a burner is used in the same room as the air conditioner, there is the danger of oxygen deficiency which could lead to an asphyxiation hazard resulting in serious injury or death. Be sure to ventilate the room sufficiently to avoid this hazard.
- Safely dispose of the packing materials. Packing materials, such as nails and other metal or wooden parts, may cause stabs or other injuries.
- Tear apart and throw away plastic packaging bags so that children can not play with them. Children playing with plastic bags face the danger of death by suffocation.

WARNING

- Contact your dealer for repair and maintenance. Improper repair and maintenance may result in water leakage, electric shock, and fire. Only use accessories made by Daikin that are specifically designed for use with the equipment and have them installed by a professional.
- Contact your dealer to move and reinstall the air conditioner. Incomplete installation may result in water leakage, electric shock, and fire.
- Never let the indoor unit or the remote controller get wet. Water can cause an electric shock or a fire.
- Never use flammable spray such as hair spray, lacquer, or paint near the unit. Flammable spray may cause a fire.
- When a fuse blows out, never replace it with one of incorrect ampere ratings or different wires.
- Never inspect or service the unit by yourself. Contact a qualified service person to perform this work.
- Turn off all electrical power before doing any maintenance to avoid the risk of serious electric shock; never sprinkle or spill water or liquids on the unit. Do not touch the switch with wet fingers. Touching a switch with wet fingers can cause electric shock.
- Do not allow children to play on or around the unit to prevent injury.
- The heat exchanger fins are sharp enough to cut. To avoid injury wear gloves or cover the fins while working around them.
- Do not put a finger or other objects into the air inlet or air outlet. The fan is rotating at high speed and may cause injury.
- Check the unit foundation for damage on a continuous basis, especially if it has been in use for a long time. If left in a damaged condition the unit may fall and cause injury.
- Placing a flower vase or other containers with water or other liquids on the unit could cause a shock or fire if a spill occurs.
- Do not touch the air outlet or horizontal blades while the swing flap is in operation because fingers could get caught and injured.
- Never touch the internal parts of the controller. Do not remove the control box cover because some parts inside are dangerous to touch. To check and adjust internal parts, contact your dealer.
- Be sure to ground the unit. Do not ground the unit to an utility pipe, arrester, or telephone ground. Incomplete grounding may cause electric shock, or fire. A high surge current from lightning or other sources may cause damage to the air conditioner.
- This equipment can be installed with a Ground-Fault Circuit Breaker (GFCI). Although this is a recognized measure for additional protection, with the grounding system in North America, a dedicated GFCI is not necessary.

⚠ CAUTION

- Do not use the air conditioner for any other purposes other than comfort cooling or heating. Do not use the unit for cooling precision instruments, food, plants, animals or works of art.
- Do not place items under the indoor unit as they may be damaged by condensates that may form if the humidity is above 80% or if the drain outlet gets blocked.
- Before cleaning, stop the operation of the unit by turning the power off or by pulling the supply cord out from its receptacle. Otherwise, an electric shock and injury may result.
- Do not wash the air conditioner with excessive water. An electric shock or fire may result.
- Avoid placing the controller in a spot splashed with water. Water entering the controller may cause an electric shock or damage the internal electronic parts.
- Do not operate the air conditioner when using a room fumigation type of insecticide. Failure to observe this could cause the chemicals to be deposited in the unit and can endanger the health of those who are hypersensitive to chemicals.
- Do not turn off the power immediately after stopping operation. Always wait for at least five minutes before turning off the power. Otherwise, water leakage may occur.
- This appliance 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 the appliance by a person responsible for their safety.
- The remote controller should be kept away from children so they cannot play with it.
- Consult with the installation contractor for cleaning.
- Incorrect cleaning of the inside of the air conditioner could make the plastics parts break and cause water leakage or electric shock.
- Do not touch the air inlet or aluminum fin of the air conditioner as they can cut and cause injury.
- Do not place objects in direct proximity of the outdoor unit. Do not let leaves and other debris accumulate around the unit. Leaves are a hotbed for small animals which can enter the unit. Once inside the unit, animals can cause the unit to malfunction, and cause smoke or fire when they make contact with electrical parts.

⚠ NOTE

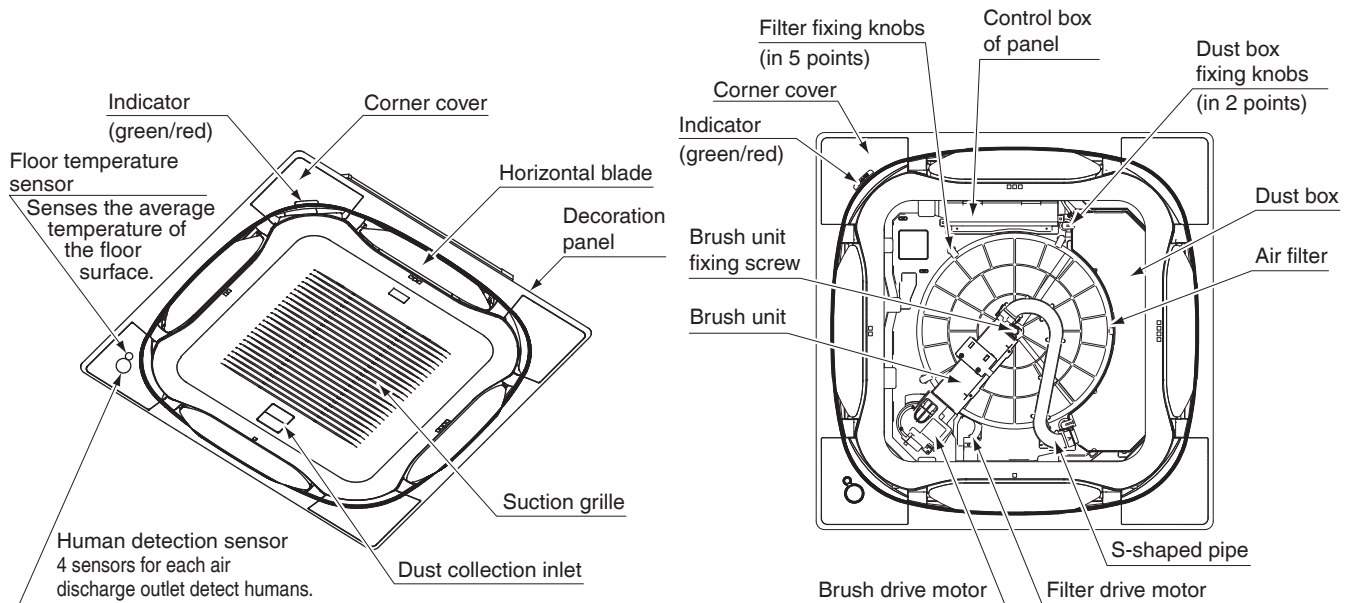
- Never press the button of the remote controller with a hard, pointed object. The remote controller may be damaged.
- Never pull or twist the electric wire of the remote controller. It may cause the unit to malfunction.
- Do not place appliances that produce open flames in places that are exposed to the airflow of the unit or under the indoor unit. It may cause incomplete combustion or deformation of the unit due to the heat.

- Do not expose the controller to direct sunlight. The LCD display can become discolored and may fail to display the data.
- Do not wipe the controller operation panel with benzene, thinner, chemical dust cloth, etc. The panel may get discolored or the coating can peel off. If it is heavily dirty, soak a cloth in water-diluted neutral detergent, squeeze it well and wipe the panel clean. Then wipe it with another dry cloth.
- Dismantling of the unit, disposal of the refrigerant, oil, and additional parts, should be done in accordance with the relevant local, state, and national regulations.
- Operate the air conditioner in a sufficiently ventilated area and not surrounded by obstacles. Do not use the air conditioner in the following places.
 - a. Places with a mist of mineral oil, such as cutting oil.
 - b. Locations such as coastal areas where there is a lot of salt in the air.
 - c. Locations such as hot springs where there is a lot of sulfur in the air.
 - d. Locations such as factories where the power voltage varies a lot.
 - e. In cars, boats, and other vehicles.
 - f. Locations such as kitchens where oil may splatter or where there is steam in the air.
 - g. Locations where equipment produces electromagnetic waves.
 - h. Places with an acid or alkaline mist.
 - i. Places where fallen leaves can accumulate or where weeds can grow.
- Take snow protection measures. Contact your dealer for the details of snow protection measures, such as the use of a snow protection hood.
- Do not attempt to do electrical work or grounding work unless you are licensed to do so. Consult with your dealer for electrical work and grounding work.
- Pay attention to operating sound. Be sure to use the following places:
 - a. Places that can sufficiently withstand the weight of the air conditioner yet can suppress the operating sound and vibration of the air conditioner.
 - b. Places where warm air from the air outlet of the outdoor unit or the operating sound of the outdoor unit does not annoy neighbors.
- Make sure that there are no obstacles close to the outdoor unit. Obstacles close to the outdoor unit may drop the performance of the outdoor unit or increase the operating sound of the outdoor unit.
- Consult your dealer if the air conditioner in operation generates unusual noise.
- Make sure that the drainpipe is installed properly to drain water. If no water is discharged from the drainpipe while the air conditioner is in the cooling mode, the drainpipe may be clogged with dust or dirt and water leakage from the indoor unit may occur. Stop operating the air conditioner and contact your dealer.

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Names and Functions



- The illustration shows the decoration panel provided with filter auto-cleaning function on the condition that the suction grille is removed.

Indicator

The display colors and conditions of the indicator tell the following contents.

Indicator color	State	Contents	
Green	Lit	The air conditioner is in air conditioning operation (*)	
	Flashing	The air conditioner is performing filter auto-cleaning (*)	
Red	Flashing at long intervals	Time to collect the dust in the dust box (with the dust detected by the dust sensor)	Refer to page 10.
	Flashing at short intervals	The dust box is full, and filter auto-cleaning is unavailable.	
		The occurrence of malfunctioning during filter auto-cleaning.	

* The air conditioner is factory set not to indicate these items.

NOTE

The air conditioner requires periodic maintenance. (Refer to page 14)

Do not use the air conditioner in the following places.

Otherwise, dust adhering to the filter may not be removed and a malfunction may result because the dust can become sticky due to oil, cigarette smoke, and steam.

- Places where oil smoke is generated..... Restaurants, factories, etc.
- Smoking areas Smoking room, etc.
- Places with excessive special spray vapor or steam..... Barbershops, beauty salons, restaurants, laundry shops, pet shops, factories, etc.
- Other places Places where dust adhering to the filter becomes sticky (places including salt damage from a salty atmosphere), places where dust is generated (because the air filter cannot collect dust), server rooms (the air conditioner is not in operation during cleaning), or places where a large quantity of fine dust is generated (the air filter is clogged and the filter needs to be cleaned frequently).

* Use the standard series for the air conditioning of the customer areas of restaurants and cafeterias.

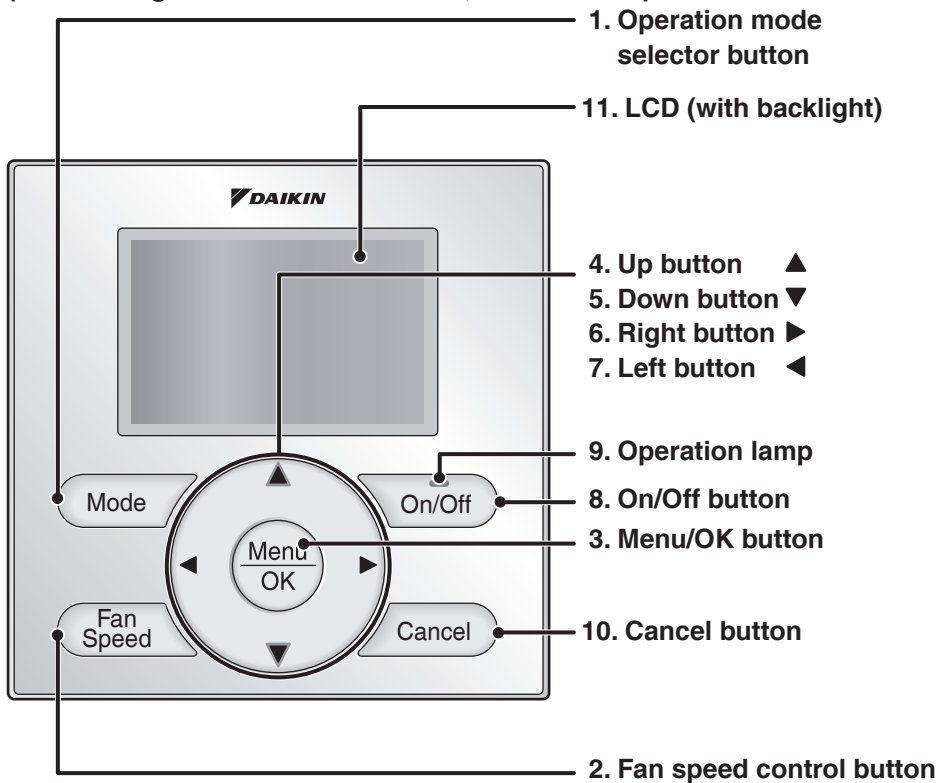
* The air conditioner may not be used in cases other than the above.

For details, contact your dealer.

Names and Functions of Remote Controller

This remote controller is BRC1E73 model.

(When using other remote controller, refer to the operation manual attached to it.)



Functions other than basic operation items (i.e., On/Off, Operation Mode, Fan Speed, and Setpoint) are set from the menu screen.

NOTE

- Do not install the remote controller in places exposed to direct sunlight, the LCD will be damaged.
- Do not pull or twist the remote controller cord, the remote controller may be damaged.
- Do not use objects with sharp ends to push the buttons on the remote controller, damage may result.

1. Operation mode selector button

- Push this button to select the operation mode of your preference.
* Available modes vary with the indoor unit model.

2. Fan speed control button

- Push this button to select the fan speed of your preference.
* Available fan speeds vary with the indoor unit model.
(For details, refer to operation manual of the controller.)

3. Menu/OK button

- Used to enter the main menu.
- Used to enter the selected item.

4. Up button ▲

- Used to raise the setpoint.
- The item above the current selection will be highlighted.
(The highlighted items will be scrolled continuously when the button is continuously pushed.)
- Used to change the selected item.

5. Down button ▼

- Used to lower the setpoint.
- The item below the current selection will be highlighted.
(The highlighted items will be scrolled continuously when the button is continuously pushed.)
- Used to change the selected item.

6. Right button ►

- Used to highlight the next items on the right-hand side.
- Each screen is scrolled in the right-hand direction.

7. Left button ◀

- Used to highlight the next items on the left-hand side.
- Each screen is scrolled in the left-hand direction.

8. On/Off button

- Push this button and system will start.
- Push this button again to stop the system.

9. Operation lamp

- This lamp illuminates solid green during normal operation.
- This lamp flashes if an error occurs.

10. Cancel button

- Used to return to the previous screen.

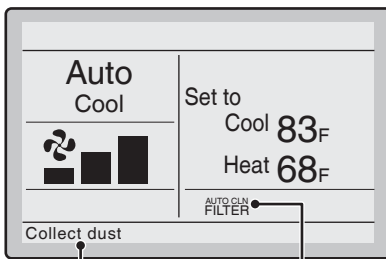
11. LCD (with backlight)

- The backlight will be illuminated for approximately 30 seconds by pushing any button.
- If two remote controllers are used to control a single indoor unit, only the controller accessed first will have backlight functionality.

Liquid Crystal Display

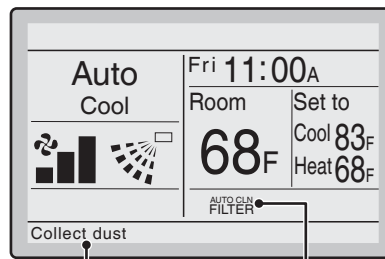
- Three types of display mode (Standard, Detailed and Simple) are available.
- Standard display is set by default.
- Detailed and Simple displays can be selected in the main menu.
For details, refer to the operation manual provided with the wired remote controller.
- Each of the following screens explains the state of the LCD display regarding filter auto-cleaning function.
For the contents of the LCD displays while the air conditioner is not in filter auto-cleaning operation, refer to the operation manual provided with the wired remote controller.

Standard display



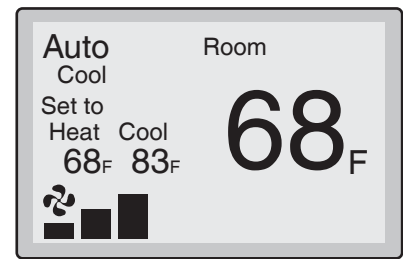
2. Message 1. "Filter auto-cleaning" display

Detailed display



2. Message 1. "Filter auto-cleaning" display

Simple display



1. "Filter auto-cleaning" display

- Displayed while the air conditioner is performing filter auto-cleaning.
* In some models "⏸" might appear instead.

2. Message

The following message will appear.

"Error: Push Menu Button."

"Warning: Push Menu Button."

- Displayed if the error or warning is detected.
(Refer to page 16)

The messages "Collect dust." and "Warning: Push Menu Button." will appear alternately.

- Displayed when the time to collect the dust in the dust box has come. (Refer to page 10)

"Set clock from menu"

- Displayed to inform that the clock needs settings again. (Refer to page 7)
- The air conditioner will not start filter auto-cleaning at the designated period unless settings are made again.

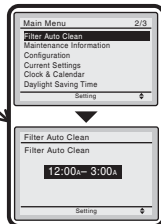
Filter Auto-cleaning

Remote Controller Functions

Operation screen display

Describes screens that will be displayed on the remote controller in operation.

Operation Method



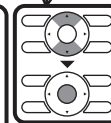
Operation procedure

Explains a button operation procedure for the remote controller. Operate the buttons according to the procedure.

- Push ▼▲ buttons to select the **Filter Auto Clean** on the main menu screen. Push Menu/OK button to display the Filter auto clean settings screen.

Operation button display

Displays the positions of buttons to be operated.



Filter Auto Clean Setting

This product performs filter auto-cleaning once a day.

The air conditioning operation of the air conditioner will come to a stop while the air conditioner is performing filter auto cleaning. Specify the desired period from eight periods.

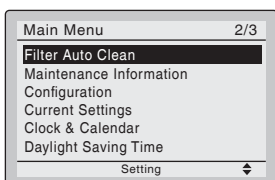
NOTE

- The correct clock settings are necessary.
- The air conditioner will perform filter auto-cleaning from 12:00A to 3:00A (as factory default) if the period for filter auto cleaning is not specified.
- The air conditioner will perform filter auto-cleaning at non-prescribed time if clock settings are not made.

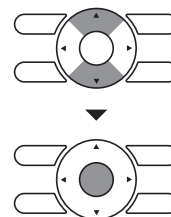
Method of Specifying Start Time

Operation Method

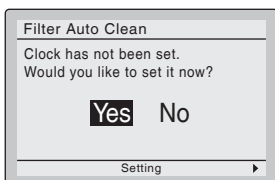
1



- Display the main menu screen.
- Push ▼▲ buttons to select the **Filter Auto Clean** on the main menu screen and push Menu/OK button.

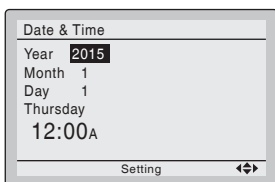
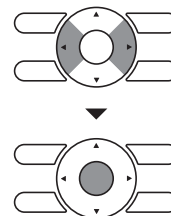


2

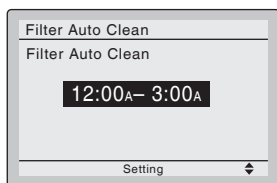


* Clock settings are required to set the start time of filter auto-cleaning.

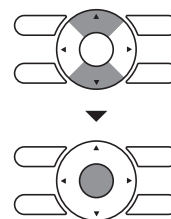
- If the clock has not been set, a screen like the one on the left will appear. Push ◀▶ buttons to select **Yes** and push Menu/OK button. Set the current year, month, day, and time. (Refer to "Clock & Calendar" on page 7)



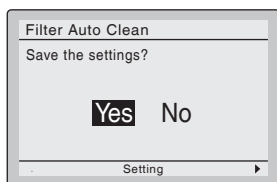
3



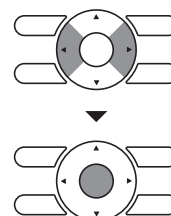
- The period will change whenever ▼▲ buttons are pushed in the Clock setting screen for filter auto-cleaning.
12:00A-3:00A, **3:00A-6:00A**, **6:00A-9:00A**, **9:00A-12:00P**,
12:00P-3:00P, **3:00P-6:00P**, **6:00P-9:00P**, **9:00P-12:00A**.
 Select the desired period from the ones displayed.
- Push Menu/OK button.
 The settings confirmation screen will appear.



4



- Push ◀▶ button to select **Yes** on the settings confirmation screen.
 Push Menu/OK button to set the filter auto clean and return to the basic screen.



NOTE

The filter auto clean function takes around 10 minutes.

Execution of the cleaning function, always during the scheduled time slot of 0 to 3 hours, will start as soon as possible considering the following conditions:

- during the first hour
 the cleaning function will only be performed during thermostat OFF intervals or when the unit is not operating;
- during the second hour
 same condition as during first hour or when cooling or heating demand is rather low;
- during the third hour
 the unit forces execution of the cleaning function, even when the unit is operating. After completion of the cleaning function, the unit will start normal operation again.

The unit will try to perform the cleaning function during the next scheduled time slot of 3 hours in case it was not executed.

If the unit could not perform the cleaning function after elapse of 2 consecutive scheduled time slots of 3 hours, error code AH09 displays on the remote controller (Refer to “NOTE” on page 16). The error code remains displayed as long as the function is not completed, but the unit can operate normally at all times.

Filter Auto-cleaning

The air conditioner has the following two operation modes, any one of which can be set for filter auto-cleaning.

Operation mode	Description	Clock setting	Availability for designating time to start filter auto-cleaning
Scheduled timer operation	Performs filter auto-cleaning during the designated period selected from eight periods. (Factory default setting (12:00A-3:00A))	○	○
Auto control operation	Performs filter auto-cleaning according to the control reference.	×	× or ○

PREPARATION

- To designate a period for filter auto-cleaning, avoid selecting the periods of time when the air conditioner is in air conditioning operation as much as possible.
If the period for filter auto-cleaning overlaps with that for the air conditioning operation of the air conditioner, the air conditioner may stop air-conditioning forcibly and start filter auto-cleaning.
- If the message “**Set clock from menu**” appears, make clock settings again so that the filter auto-cleaning will be performed during the designated period.

NOTE

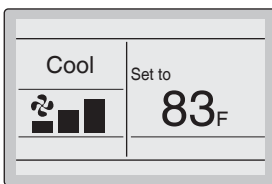
- * The air conditioner will be set to auto control operation mode unless clock settings are made again if the clock is reset for some reason (e.g., no power is supplied to the air conditioner for 48 hours or longer).
- The air conditioner may generate a little noise when the filter rotates or the dust is scraped with the brush.
- The fan rotates automatically during filter auto-cleaning.

Clock & Calendar

■ Setting the clock

Operation Method

1

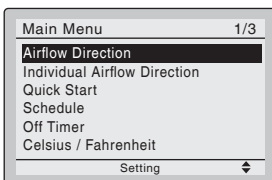


Basic screen

- Push Menu/OK button.



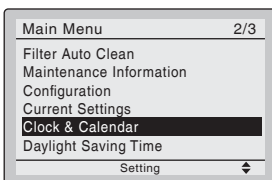
2



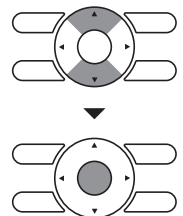
Main menu screen

- The main menu screen will appear.

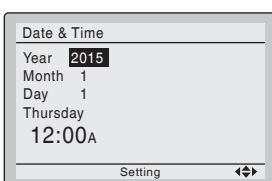
3



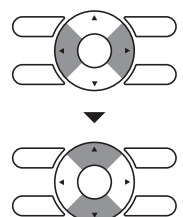
- Push ▼▲ buttons to select **Clock & Calendar** on the main menu screen.
Push Menu/OK button to display the clock settings screen.



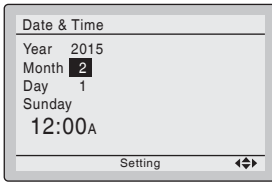
4



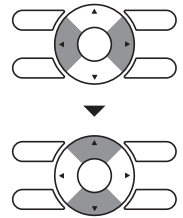
- Select “Year” with ◀▶ buttons.
Input the year with ▼▲ buttons.
Holding down the button causes the number to change continuously.



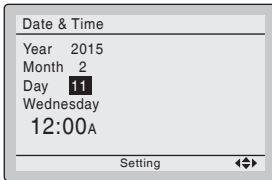
5



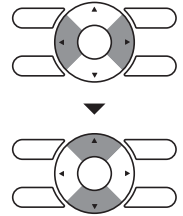
- Select "Month" with ◀▶ buttons.
Input the month with ▼▲ buttons.
Holding down the button causes the number to change continuously.



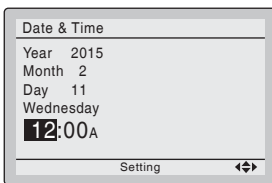
6



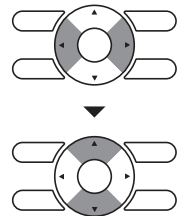
- Select "Day" with ◀▶ buttons.
Input the day with ▼▲ buttons.
Holding down the button causes the number to change continuously.
Days of the week change automatically.



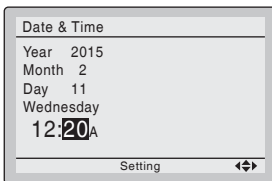
7



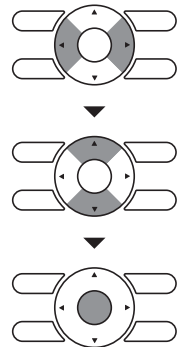
- Select "Hour" with ◀▶ buttons.
Input the hour with ▼▲ buttons.
Holding down the button causes the number to change continuously.



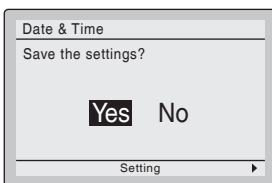
8



- Select "Minute" with ◀▶ buttons.
Input the minute with ▼▲ buttons.
Holding down the button causes the number to change continuously.
- Push Menu/OK button.
The settings confirmation screen will appear.

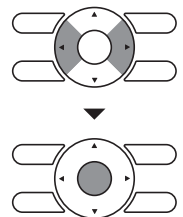


9



- Push ◀▶ button to select **Yes** on the settings confirmation screen.
Push Menu/OK button to set the clock and return to the basic screen.

* While making filter auto-cleaning settings, the display will return to the screen for designating a period for filter auto clean. (Refer to page 5)

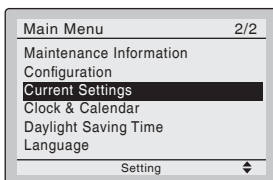


Current Settings

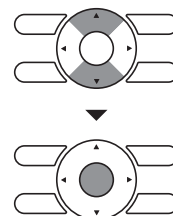
■ Manipulating the current settings

Operation Method

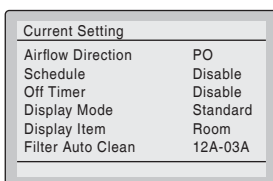
1



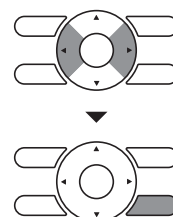
- Display the main menu screen. (Refer to page 7)
- Push ▼▲ buttons to select **Current Settings** on the main menu screen and push Menu/OK button.



2



- A list showing the current setting status will appear. Push ◀▶ buttons to go to the next item.
- Pushing Cancel button takes you back to the main menu screen.



Display items

Airflow Direction	Display Mode
Schedule	Display Item
Off Timer	Filter Auto Clean

* Display items may differ depending on the model.

Only the items that can be set are displayed.

Refer to the displayed "Filter auto clean" settings for the present set condition of filter auto-cleaning.

Example: A period from 12:00_A to 03:00_A is set for filter auto-cleaning.

Filter auto clean 12A-03A

Dust Collection from Dust Box

Dust Collection Sign Display

The collection sign will indicate to notify the dust collection at the advent of cleaning time.

Promptly collect the dust when the sign is confirmed.

* The dust collection sign will appear at intervals of approximately half a year to one year.

The intervals may become shorter if the air conditioner is used in places with excessive dust.

The dust collection sign will appear in a stepwise manner according to the quantity of dust in the dust box.

Place of display		Collection sign 1	Collection sign 2	Collection sign 3	Collection sign 4
Remote controller	LCD	The messages "Collect dust" and "Push Menu Button" will appear alternately.			"AH" (error sign) will appear
	Operation lamp	No indication		The operation lamp will flash.	
Decorative corner cover Indicator (red)		No indication	The indicator will flash at long intervals.	The indicator will flash at short intervals.	

PREPARATION

- Promptly collect the dust in the dust box on completion of confirming the dust collection sign.

NOTE

- Control to suspend the air conditioning operation of the air conditioner will work if the air conditioning operation of the air conditioner is continued without dust collection.
Furthermore, the dust will fall and a malfunction may result. Therefore, be sure to perform dust collection with a vacuum cleaner.

Dust Collection with Vacuum Cleaner

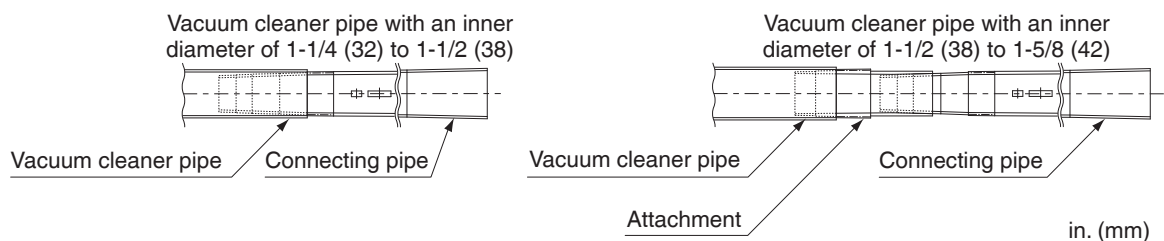
- 1 Vacuum the dust in the dust box on completion of confirming the dust collection sign.

NOTE

- Dust collection with a vacuum cleaner is not possible during filter auto-cleaning. Make sure that “AUTO CLEAN FILTER” is not displayed on the remote controller screen before dust collection.
- * The indicator will flash green if it is set to display. (Refer to page 2)

- 2 Insert the connecting pipe and attachment (optional accessory) meeting the size of the vacuum cleaner pipe. The KKHAP55B160 (optional accessory) consists of a connecting pipe and attachment.

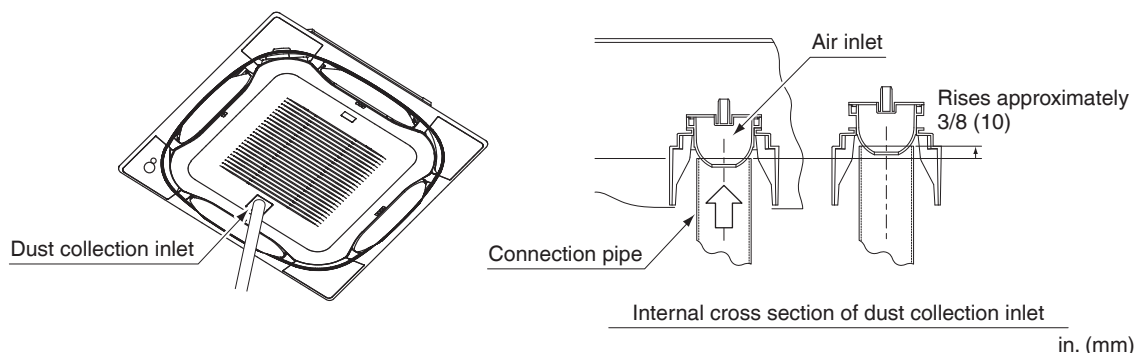
Insert the connecting pipe attachment into the vacuum cleaner pipe.



NOTE

- A vacuum cleaner pipe with an air-leaking hole midway or with no round end (i.e., a stand-type or handheld-type) cannot be used.
- Make sure that the vacuum cleaner has a suction power of 300 W or over.
- Do not use a vacuum cleaner with reduced suction power because the vacuum cleaner is full of dust inside.
- * Neglecting the above may result in poor recovery of dust.

- 3 Insert the leading end of the connection pipe into the dust collection inlet of the suction grille underneath. Then push to fit the leading end onto internal air inlet until the leading end snaps.



4 While the leading end of the connection pipe closely come in contact, turn on the vacuum cleaner with the suction power set to maximum power and vacuum the dust.

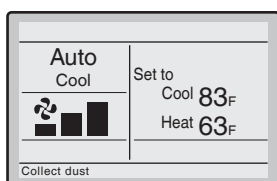
5 If the indicator on the decorative corner cover is flashing red, the indicator will be turned off or lit green on completion of dust collection.

* It may take a maximum of 30 seconds for the indicator flashing red to be turned off or lit green.

Resetting Dust Collection Sign

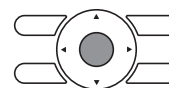
Operation Method

1

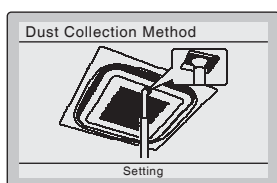


Basic screen

- When the time for collecting dust from the dust box comes, the dust collection messages “Collect dust.” and “Push Menu Button.” will appear alternately on the lower part of the basic screen.
- At the time of this state, push the Menu/OK button on the basic screen.



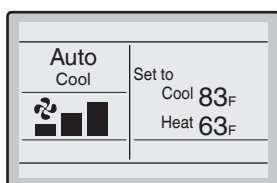
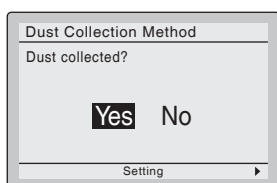
2



- An illustration of vacuuming dust from the dust collection inlet will appear. (Refer to “Dust Collection with Vacuum Cleaner” on page 11)
- After understanding the method of dust collection, push the Menu/OK button at the time of this state.

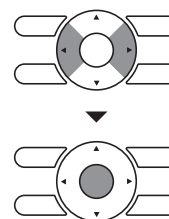


3



- After vacuuming the dust in the dust box, push ◀▶ buttons on the collection confirmation screen and select **Yes**.
- Push the Menu/OK button to reset the dust collection sign.
- The messages “Collect dust.” and “Push Menu Button.” appearing alternately on the basic screen will disappear.

* If the dust in the dust box is not vacuumed at all or properly, the dust collection sign will appear soon.



Filter Maintenance

- The filter of the air conditioner is a disposable item, and requires periodic inspection and maintenance.

(Estimated standard operating hours: 2,500 hours/year)
(Inspection cycle: 1 year Replacement cycle: 5 years)

If the operating hours exceed the above estimated standard operating hours (2,500 hours/year): 15 hours/day x 365 days in operation (5,475 hours/year), the filter would need to be replaced sooner.

The air conditioner may require maintenance (i.e., filter cleaning or replacement) in one- to two-year intervals.

Use the above information for reference.

Keep in mind that the above replacement intervals do not indicate the guarantee period of the filter.

- For filter inspection or replacement in detail, consult your dealer.

Useful Information

Troubleshooting

The following symptoms are not signs of malfunctions.

Symptom		Probable cause
Slight clicking noise is generated.	The "AUTO CLEAN FILTER" is displayed or the indicator on the panel is flashing green (*).	The driving sound of the air filter.
Scorching noise is generated.		The driving sound of the brush.
The fan automatically turns.		The air conditioner is performing filter auto-cleaning and transferring dust.
The horizontal blade automatically moves.		The air conditioner blows out air horizontally during filter auto-cleaning.
The air conditioning operation of the air conditioner stops temporarily.		The dust box is full, and filter auto-cleaning is unavailable.



* The factory settings will not allow the indicator to flash green.
In some models "AH" might appear instead.

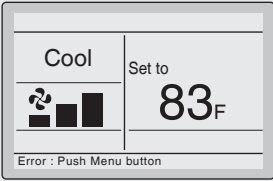
Check before requesting servicing.

Symptom	Probable cause	Remedy
Dust sticks to the air filter (dust falls).	The room has a large quantity of dust temporarily as a result of the cleaning of the room.	Stop the operation of the air conditioner until the cleaning of the room is finished.
	The dust box is full.	Vacuum the dust. (Refer to page 11)
The display "AH" will appear on screen of the remote controller and the operation lamp will flash.	The dust box is full.	Vacuum the dust. (Refer to page 11)
The dust collection sign appears soon after the dust is vacuumed.	Is the vacuum cleaner full of dust?	Collect the dust from the vacuum cleaner.
The air conditioner does not run according to the timer settings.	Are the settings in the remote controller wrong?	Correct the remote controller settings.

If the air conditioner is still not in good condition after checking the above, contact your dealer. The customer must not attempt to repair the air conditioner.

■ Contact your dealer in the following cases

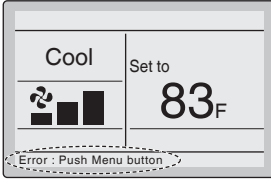
 	<ul style="list-style-type: none"> • When the air conditioner is malfunctioning (e.g., giving off a burning odor), stop the air conditioner and turn off power. Continued operation under such circumstances may result in failure, electric shocks, or fire. Contact your dealer.
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Symptom	Measures to be taken before requesting servicing
The fuse blows out or safety devices, such as the power circuit breaker and ground leakage circuit interrupter trip often.	Do not turn on the air conditioner.
The operation of the buttons on the remote controller is inaccurate.	Turn off the air conditioner.
There are other malfunctions or faults.	Stop the operation of the air conditioner.
 <p>Either one of the following messages flashes on the basic screen of the remote controller.</p> <p>“Error: Push Menu Button.” * The operation indicator will blink.</p> <p>“Warning: Push Menu Button.” * The operation indicator will not blink.</p>	Check the error codes. (Refer to chapter below)

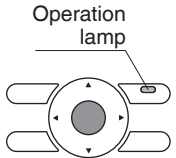
Error code Display

Operation Method

- 1**

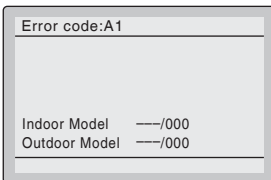


- If an error occurs, either one of the following items will blink in the basic screen.
 - “Error: Push Menu Button.”
* The operation indicator will blink.
 - “Warning: Push Menu Button.”
* The operation indicator will not blink.
 - Push Menu/OK button.



Operation lamp

- 2**



- The error code blinks and the model name will appear.
 - Notify your dealer of the Error code and Model name.

NOTE

In some case, AH09 can be displayed on the remote controller. This error code means that the cleaning operation could not be performed due to overlapping operation timing (cooling or heating) and the cleaning schedule. This can be avoided by setting the cleaning function out of the normal operation schedule. (E.g., normal operation stops at 23:59 and cleaning starts at 00:00).

Optional accessory





Dedicated parts are prepared so that customers can use a wide range of air conditioner functions.

Specify Daikin genuine products at the time of purchasing the parts.

For details, contact your dealer.

Replacement optional accessory		Optional accessory	
Replacement filter	KAFP554D160	L-shaped extension pipe	KKHAP55A160
		Connecting pipe	KKHAP55B160

After-sale Service

		<ul style="list-style-type: none"> • Do not disassemble, modify, or repair the unit. Doing so may result in electric shocks or fire. Contact your dealer.
		<ul style="list-style-type: none"> • Do not relocate or reinstall by yourself. Improper installation may result in electric shocks or fire. Contact your dealer.
		<ul style="list-style-type: none"> • Beware of fire in case of refrigerant leakage. If the air conditioner is not operating correctly, i.e. not generating cool or warm air, refrigerant leakage could be the cause. Contact your dealer for assistance. The refrigerant within the air conditioner is safe and normally does not leak. However, in the event of a leakage, contact with a naked burner, heater or cooker may result in generation of noxious gas. Do not longer use the air conditioner until a qualified service person confirms that the leakage has been repaired.

■ Advise the repairer of the following items

- Model name
- Date of installation
- Failure conditions: As precise as possible.
- Your address, name, and telephone number

■ Repairs after Expiration of Cost-free Guarantee Repair Period

Contact your dealer.

Daikin will conduct paid repairs if the air conditioner is repairable with its functions maintained.

■ Stock Period of Performance Spare Parts

Performance spare parts are components that are required to maintain the function of the air conditioner. Daikin has a stock of performance spare parts for the air conditioner for nine years after the stoppage of producing the air conditioner.

■ Recommendation for Maintenance Inspection Contract

The interior of the air conditioner will become dirty with its performance degraded if the air conditioner is used for several seasons.

A specialized technique is needed for the overhauling or internal cleaning of the air conditioner apart from usual maintenance work. Therefore, Daikin recommends a paid maintenance inspection contract.

However, this product performs filter auto-cleaning. Therefore, the customer's everyday care of the air conditioner is not necessary.

There will be an adverse influence on the air conditioner, such as the clogging of the filter, depending on the environmental and operating conditions of the air conditioner. Therefore, Daikin recommends maintenance inspections at the following inspection intervals.

■ Rough Standards for Inspection and Maintenance Frequencies

[Keep in mind that the maintenance frequencies do not indicate guaranteed operating periods of the parts.]

Table 1 applies subject to the following operating conditions.

- (1) The air conditioner is under normal usage without being operated and stopped frequently at short intervals. (The air conditioner under normal usage refers to the operating condition of the air conditioner started and stopped a maximum of six times an hour, the frequency of which varies more or less depending on the model.)
- (2) The air conditioner is deemed to operate 10 hours a day and 2,500 hours a year.

• Table 1 Inspection and Maintenance Frequencies

Main part name	Inspection period	Maintenance frequency [replacement or repair]
Motor (for horizontal blade, filter, brush, and damper)	1 year	20,000 hours
Brush unit		3 years
Dust box		8 years
Flexible hose and S-shaped pipe		8 years
LED indicator		5 years
Printed circuit board		25,000 hours

Note: 1. This table shows main parts. For details, refer to the maintenance inspection contract.

2. The maintenance frequency of each part indicates a rough period required until the maintenance of the part becomes necessary. Make use of the table for appropriate maintenance designing (e.g., the budgeting of maintenance inspection cost).

Furthermore, the inspection and maintenance frequencies may be shorter than those specified in the table, depending on the content of the maintenance inspection contract.

3. The air conditioner requires regular inspection if the air conditioner is used in buildings to which the Law for Maintenance of Sanitation in Buildings applies.
4. The maintenance and replacement frequencies of each part must be shortened under tough operating conditions (e.g., longer operating hours and highly frequent ON/OFF times) and operating environments (e.g., environments with high-temperature, high-humidity, excessively dusty, and oily atmospheres).

For details, contact your dealer.

■ Rough Standards for Part Replacement Frequency

[Keep in mind that the replacement frequency does not indicate the guaranteed operating period of the part.]

• Table 2. Replacement frequency

Main part name	Inspection period	Replacement frequency
Filter	1 year	5 years

Note: 1. This table shows main parts. For details, refer to the maintenance inspection contract.

2. The replacement frequency indicates a rough period required until the replacement of the part becomes necessary. Make use of the table for appropriate maintenance designing (e.g., the budgeting of part replacement cost).

3. Regular inspection is required, depending on the installation environment.

For details, contact your dealer. Furthermore, the overhauling or internal cleaning of the air conditioner conducted by technicians other than those authorized by Daikin may not be within the scope of Daikin's product guarantee term.

■ Relocation

Contact your dealer because the same requires a specialized technique in the case of relocating and reinstalling the air conditioner for some reason, e.g., the movement of the site.

■ Inquiry

Contact your dealer for after-sale services.

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