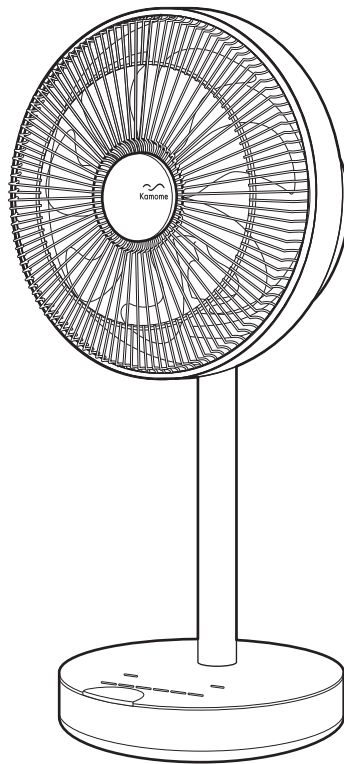


Kamome FKLS-231D

User's Manual



Thank you for purchasing the Kamome FKLS-231D. Before use, be sure to carefully read this information on safety to ensure that you use this product correctly. After reading this manual, keep it in a safe place for future reference.

Safety Information

This section presents important safety information. Always follow these instructions when using the product.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons, including the following:

1. Read all instructions before using this product.
2. This product is designed for home use only. Do not use for any other purpose.
3. Extreme caution is necessary when any fan is used by or near children and whenever the product is left operating and unattended.
4. Always unplug the product when not in use.
5. Do not operate any fan with a damaged cord or plug or after the product malfunctions, has been dropped, or is damaged in any manner. Return the product to an authorized service facility for examination, electrical or mechanical adjustment, or repair.
6. Do not use outdoors.
7. This product is NOT intended for use on tabletops or desktops; use ONLY ON FLOORS. It is not to be used in wet or moist locations, such as bathrooms and laundry areas. Never position this product where it may fall into a bathtub or other water container.
8. Do not run cord under carpeting. Do not cover cord with throw rugs, runners, or similar coverings. Do not route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.
9. To unplug the product, first turn controls to the OFF position, then grip the plug and pull it from the wall outlet. Never pull by the cord.
10. Do not insert or allow foreign objects to enter any ventilation or exhaust opening as this may cause an electric shock or fire, or damage the product.
11. Always plug the product directly into a wall outlet/receptacle. Never use with an extension cord or relocatable power tap (outlet/power strip).
12. SAVE THESE INSTRUCTIONS

WARNING

In order to avoid any electrical shock, short-circuit, burns, injury, or cause a fire:

- Do not disassemble. This product may only be disassembled by qualified repair technicians. To request repair, see Warranty Page at the back of this manual.
- Do not use any AC adapter other than the dedicated AC adapter.
- Do not use if the power cord or plug is damaged, or if the plug is not fully inserted into the outlet.
- Do not scratch, damage, modify, forcibly bend, pull, twist, bind/clamp, or place heavy objects on the power cord.

English

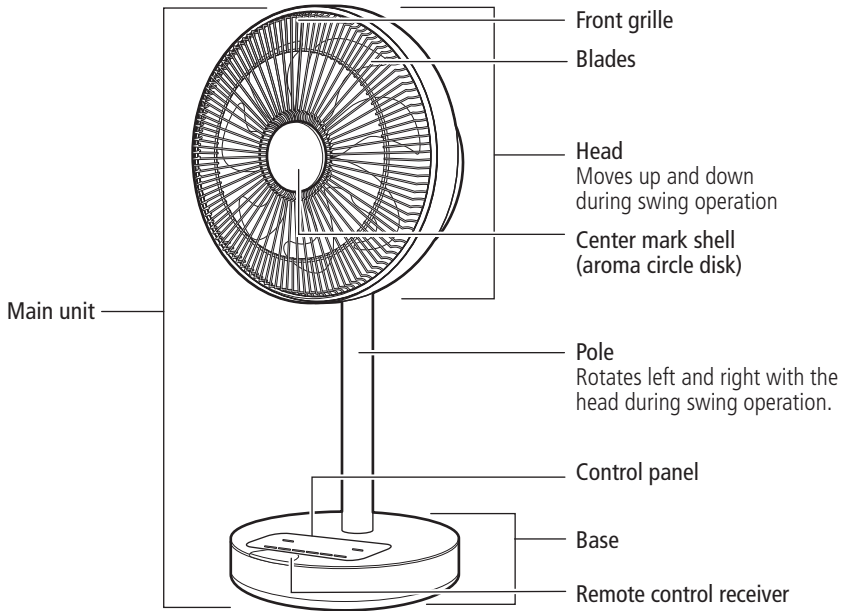
- Do not allow children to use this product by themselves, and keep the product and power cords out of the reach of small children.
- Do not plug in or unplug the product while your hands are wet.
- Do not apply water or sprinkle water over the fan.
- Do not operate without installing the blades and guard.
- Use only with the designated power supply 220 – 240 V.
- If you notice anything unusual during operation (burning smell, smoke, etc.), immediately stop use, and unplug the power cord.
- Insert the power plug all the way into the outlet.
- Wipe off any dust adhering to the power plug blades and plug surface.
- If any liquid leaks from the battery of the remote control and gets in your eyes, do not rub them; rinse them out with water and see a doctor.
- After use, be sure to turn off the power, and unplug the power cord from the outlet.
- When cleaning the product, for safety's sake be sure to unplug it from the outlet.

CAUTION

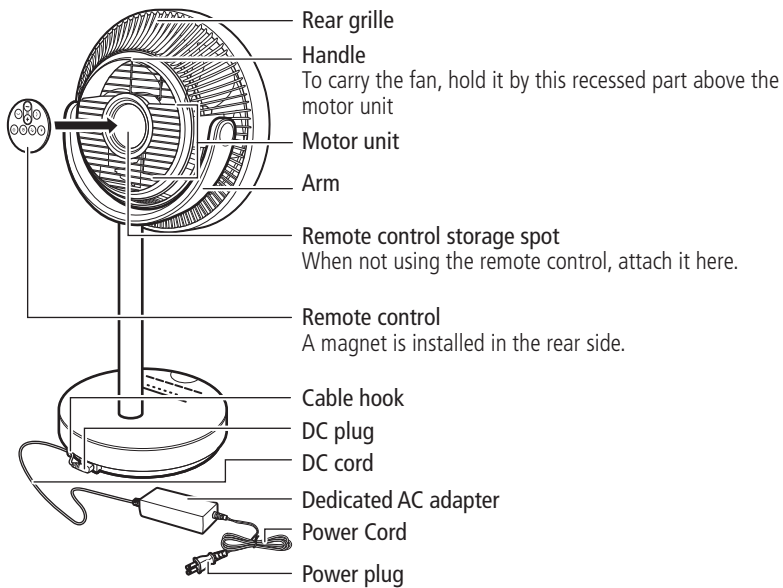
- Do not expose your body to the fan wind for a long period of time.
- Do not drag the base of the main unit.
- Do not change the direction of the guard by force during swinging operation.
- Do not put your fingers in the guard.
- Do not bring your hair close to the guard.
- Do not leave the room while the product is on.
- Do not use on an unstable surface.
- Do not use near flames such as oven ranges, or where there is flammable gas.
- Do not use in places subject to rain or splashes.
- When cleaning the product, do not use household detergent, thinner, benzene, alcohol or a polishing powder or spray.
- For remote control batteries, do not use any other than that specified.
- Do not leave the battery of the remote control in a hot location or in direct sunlight; and do not put it into a fire.
- Face the terminals (+/-) correctly when putting the battery in the remote control.
- Remove the battery from the remote control when it will not be used for a long time.
- Remove the battery before discarding the remote control

Names of Parts and Their Functions

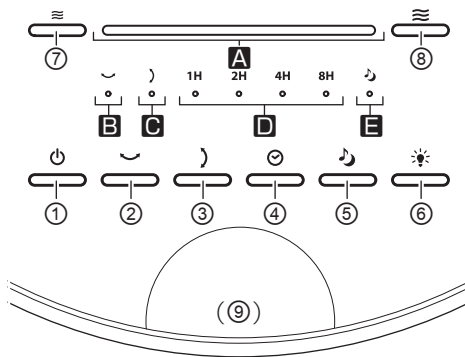
Front



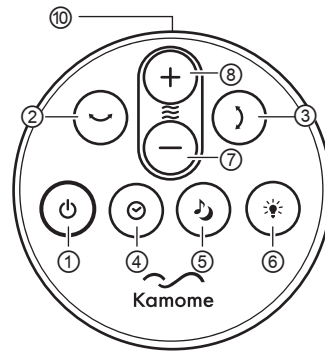
Rear



Control panel of main unit



Remote control

**A Air volume indicator**

Indicates the air volume; when the air volume increases, the lamp turns on from left to right.

B Left/Right Swing lamp

The lamp lights up when the Left/Right Swing function is enabled.

C Up/Down Swing lamp

The lamp lights up when the Up/Down Swing function is enabled.

D Timer lamps

When the On Timer or Off Timer is set, the time until activation is indicated by the corresponding lamp lighting up in green for the On Timer, or red for the Off Timer.

E Natural/Sleep Wind lamp

When the Natural Wind function is enabled, the lamp lights up white.

When the Sleep Wind function is enabled, the lamp lights up blue

① Power button

Start/stop running.

② Left/Right Swing button

Start/stop left-and-right swinging motion.

③ Up/Down Swing button

Start/stop up-and-down swinging motion.

④ Timer button

Set the on / off timer time.

⑤ Natural/Sleep Wind button

Switch between Natural Wind and Sleep Wind.

⑥ Dimmer button

Enable or disable Dimmer mode for the indicator lamp and other lamps.

⑦ Air Volume \approx -/Weak button

Reduces the air volume.

⑧ Air Volume \approx +/Strong button

Increases the air volume.

⑨ Remote control receiver**⑩ Transmitter**

Point this transmitter at the remote control receiver on the main unit when using the remote control.

Correct Use of the Fan

Accessories included in box

After purchasing, please confirm that the items below are included in the box.

Main unit.....	1
Dedicated AC adapter.....	1
Remote Control	1
Coin lithium battery (CR2025, included in separate plastic bag)	1
Replacement felt (1 inserted in aroma circle disk)	4
Manual (including Warranty Card).....	1

* Keep the packaging box to store the product after use.

WARNING

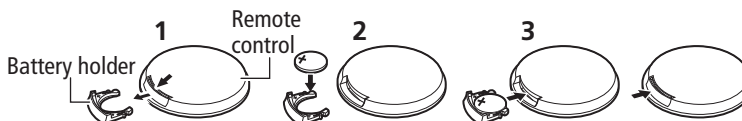
Turn on the power only when the blades and guards have been properly installed.

CAUTION

- Firmly attach the guard and the blades to the main unit before inserting the power plug in the outlet.
- Be careful to avoid injury from the edges of blades.

Preparation Before Use

1. Install the battery into the remote control



- 1 Pull the battery holder out of the remote control. Pull on the edge of the battery holder as shown to pull it out.
- 2 Pay attention to the polarity of the battery and insert the coin lithium battery into the battery holder. Insert the battery with the positive side facing up.
- 3 Re-insert the battery holder into the main unit of the remote control until you hear a click sound.

Range

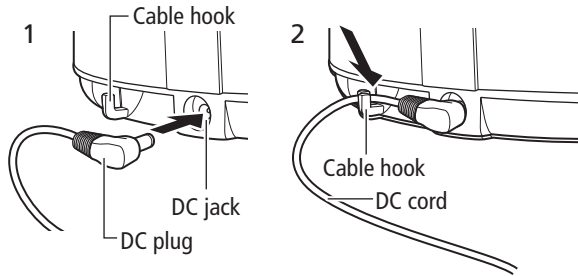
- About 3 m in front of the main unit.
- About 30° to the left and right sides in front of the main unit.
- If there is an obstacle between the remote control and the main unit, the remote control may not work properly.

CAUTION

- Remove the battery when it is not used for a long time.
- The positive and negative terminals of the battery must be installed correctly.
- Do not recharge, short, disassemble, put into fire, or heat.
- When liquid leakage occurs, clean it completely before inserting a new battery.

2. Place the main unit on a stable horizontal surface

3. Connect the dedicated AC adapter




- 1 Please insert the DC plug of the AC adapter into the DC jack on the back of the base.
- 2 Be sure to hook the DC cord into the cable hook so that it does not become disconnected easily.

4. Plug the power plug into the outlet.

- * The unit will make a "beep" sound.


Start/stop operation

1. Start operation

Simply press the  power button on the main unit or remote control to start the operation.

- In normal use, the air volume and swing angle will default to the setting when it was turned off last time because of the memory function.
- When the AC adapter is removed from the plug, the device will automatically restore the initial settings.

Memory Function

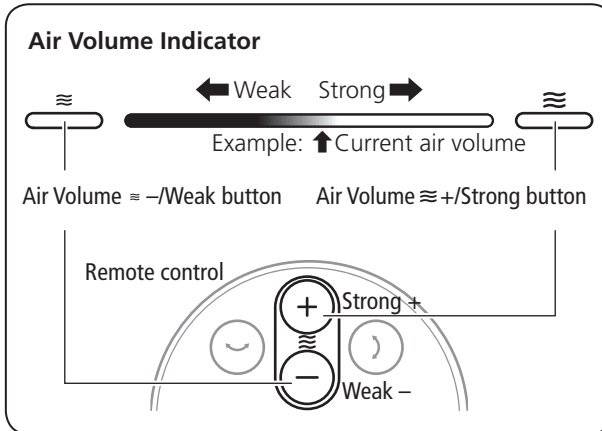
When you press the  power button on the main unit or the remote control, operation starts with the previous settings (air flow / Swing).

If you disconnect the power plug from the outlet, the fan will reset to the initial settings.

[Initial setting] Air volume: Minimum; Swing: None.

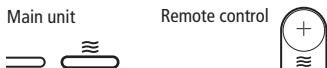
2. Adjusting the air volume

To adjust the Air Volume setting during operation, press the Air Volume \approx +/Strong button or the Air Volume \approx -/Weak button of the main unit or the remote control.



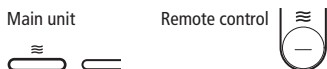
* The Air Volume Indicator lamp changes right and left to indicate the current air volume.

[Increase the air volume]




Press the Air Volume \approx +/Strong button of the main unit or the remote control. Hold the button to continue increasing the air volume.

[Reduce the air volume]

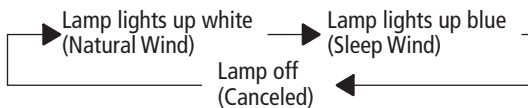


Press the Air Volume \approx -/Weak button of the main unit or the remote control. Hold the button to continue reducing the air volume.

3. Start the Natural/Sleep Wind function

Press the  Natural/Sleep Wind button of the main unit or the remote control during operation to switch between the functions.

* The lamp for Natural/Sleep Wind lights up different colors or turns off to indicate which function is set:



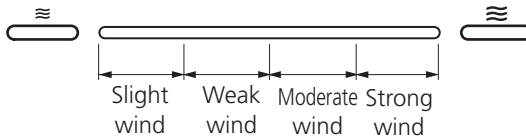
About Natural Wind/Sleep Wind

Natural Wind (lamp lights up white)

Sleep Wind (lamp lights up blue)

Making the air volume stronger and weaker over time can reproduce the feeling of a natural wind.

Press the Air Volume \approx +/Strong button or the Air Volume \approx -/Weak button on the main unit or the remote control to adjust the volume of the wind, and the air volume pattern will change accordingly.



Strong wind: Changes over time between Strong → Moderate → Weak → Slight Natural winds

Moderate wind: Changes over time between Moderate → Weak → Slight Natural winds

Weak wind: Changes over time between Weak → Slight Natural winds

Slight wind: Same as with Slight Natural wind

* The Air Volume indicator stays the same as when it was set.

4. Starting/Stopping Swing Operation

This fan has a left-and-right swinging function and an up-and-down swinging function as well. You can use both swinging functions together to aim the wind in a variety of directions.

- During operation, press the \curvearrowright Left/Right Swing button to start the Left/Right Swing function, and press the button again to stop it.
- During operation, press the \curvearrowleft Up/Down Swing button to start the Up/Down Swing function, and press the button again to stop it.
- The Left/Right Swing lamp and Up/Down Swing lamp on the main unit indicate the current Swing settings.

You can change the direction manually.

The direction can be adjusted by 100 degrees up and down (upward 90 degrees and downward 10 degrees), and by a total of 60 degrees left and right.

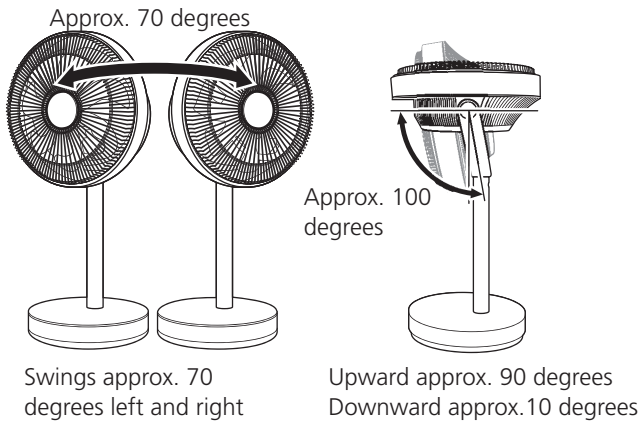
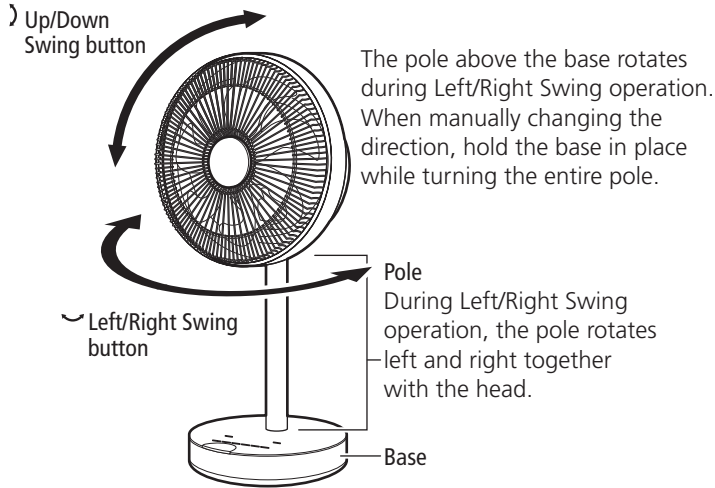
CAUTION

For safety, press the power button to stop the blades' rotation before adjusting the direction. Changing the direction by force may cause damage, malfunction, abnormal noise, etc.

Adjusting the angle

While holding the upper part of the pole, push the top or bottom part of the front grille and slowly tilt it upward or downward.


When you manually change the angle up or down and then press the Up/Down Swing button, it takes some time before the Up/Down Swing function begins.



5. Set/cancel Dimmer mode

If the LED lamps are too bright, you can enable Dimmer mode by pressing the Dimmer button on the main unit or the remote control. Press the button again to cancel it.

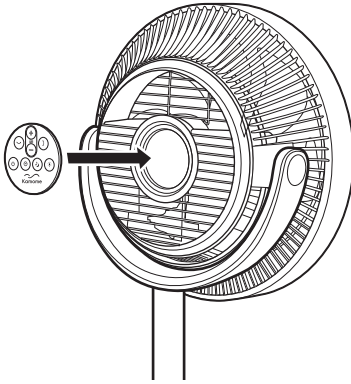
6. Stop operation

During operation, press the  power button on the main unit or remote control to stop operation.

Function to prevent accidentally leaving the power on:

Operation stops automatically when 12 hours have passed since the last time a button was pressed on the main unit or the remote control.

Attach the remote control to the remote control storage spot when not using it.



WARNING

Do not place the remote control in your chest pocket if you are using a cardiac pacemaker. Do not place things that are sensitive to magnetism (such as magnetic cards) near the remote control.

7. Unplug the power plug from the outlet.

WARNING

Unplug the power plug from the outlet after use. Failure to do so may cause a fire or malfunction.


- If a power failure occurs or the power plug is disconnected during operation, all settings will be canceled and operation will stop. Please configure settings again from the beginning.


Timer Settings:

Off Timer Setting

When the Off Timer is set, the fan will automatically stop running after the set time has passed.

1. Press the  Timer button when fan is on to set the Off Timer


When you press the  Timer button when fan is on, the Timer lamp will light up red, and the Off Timer is enabled.

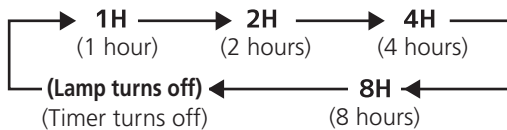
The activation time for the Off Timer can be set by pressing the  Timer button

- Set the amount of time until the fan stops; the current setting is indicated by the Timer lamp.
- When the Off Timer is set, the Timer lamp will show the remaining time until the Off Timer activates.

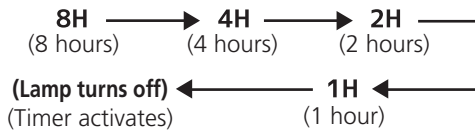
2. To cancel the Off Timer, press the  Timer button repeatedly until the Timer lamp turns off.

Timer lamp

The Timer lamp that is lit will switch in the following order when you press the  Timer button on the main unit or remote control.



After the Off Timer or On Timer is set, the timer lamp that is lit changes as time passes, to indicate the amount of time remaining until the timer activates.




The Timer lamp lights up **green** when the **On Timer** is set, and lights up **red** when the **Off Timer** is set.

* The On Timer and Off Timer can't be set at the same time.

On Timer Setting

When the On Timer is set, the fan will automatically start running after the set amount of time has passed.

1. Press the  Timer button to set the On Timer when the fan is off.

If you press the  Timer button when the fan is off, the Timer lamp lights up **green** and the On Timer is enabled.

- The indicator for the last-used air volume (and the Swing indicator if Swing was enabled) also flashes. (These are saved by the memory function.)

Set the time for the On Timer to activate by pressing the  Timer button.

- When the On Timer is set, the Timer lamp will show the remaining time until the Timer On function activates.

2. Set the air volume, etc. for operation at the set time

Press the Air Volume \approx +/Strong button or the Air Volume \approx -/Weak button to set the air volume for when the fan operates at the set time. The Air Volume Indicator lamp blinks.

- Press the Air Volume button, the \curvearrowright Left/Right Swing button, the \curvearrowleft Up/Down Swing button, or the \curvearrowright Natural/Sleep Wind button to configure these functions for when the fan operates at the set time.
- The lamps flash to indicate the settings.

3. To cancel the On Timer, press the \odot Timer button repeatedly until the Timer lamp turns off.

CAUTION

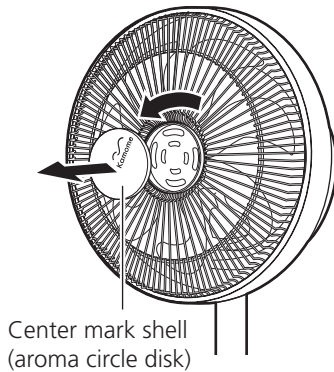
The On Timer should be used only after confirming that the environment is safe for it to operate at the set time.

Do not use the On Timer where there are children or where strong wind may cause the device to tip over.

Using aroma oil

1. Remove the center mark shell (aroma circle disk) from the center of the front grille.

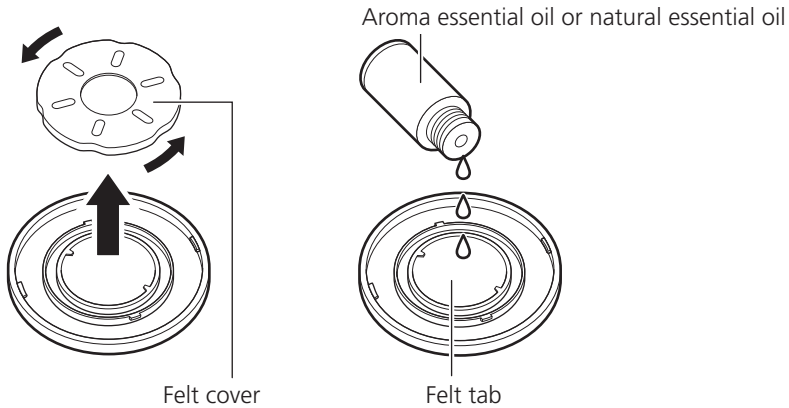
Turn the center mark shell to the left to unfasten it.



2. Take off the felt cover, and soak aroma oil into the felt tab in the center mark shell (aroma circle disk).

Rotate the felt cover to the left to pull it off of the center mark shell (aroma circle disk), and make sure that the felt tab is installed.

Carefully sprinkle 2-3 drops of aromatic or natural essential oil onto the felt tab.

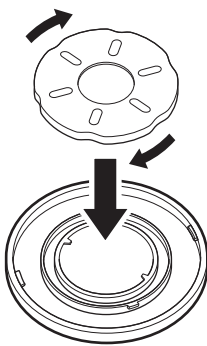


CAUTION

- Do not overfill the center mark shell (aroma circle disk) with the aroma oil or natural essential oil until it overflows from the felt compartment.
- Be sure to wipe away any aroma oil or natural essential oil that may drip off the felt tab or cover.
- Do not set new felt tabs in the center mark shell (aroma circle disk) or felt cover if it is stained with aroma oil or natural essential oil.
- Do not use any type of felt tab other than the dedicated felt tabs.
Doing so may cause damage or malfunction of the unit.

3. Install the felt cover and put the center mark shell (aroma circle disk) back into place.

Turn the felt cover to the right to attach it to the center mark shell (aroma circle disk), and then rotate the shell to the right to install it in the front grille.

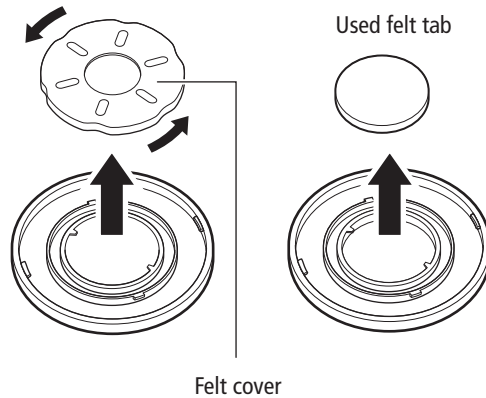


4. Start operation

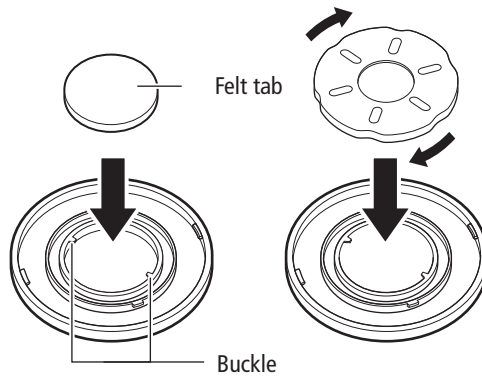
Follow "Start/stop operation" on pages 7 - 11 and you can enjoy the cool breeze with aromatherapy.

Felt tab replacement

- * If the aroma oil felt tab is dirty or a different aroma oil is used, replace the felt tab.
- * To replace the felt tab, turn the felt cover to the left, and then take out the felt tab.



- * Install the felt tab under the buckles as shown in the figure and make sure that the packing is inserted, and then turn the felt cover to the right to install it. To prevent the felt from exposing/overflowing from the felt compartment in the center mark shell (aroma circle disk), place the felt under the buckles when installing



- * In addition to the felt tab inside the disk we also provide 3 replacement felt tabs. Felt tabs cannot be reused, even if they are washed.
- * Install the felt tab under the buckles of the felt compartment in the center mark shell.
Clean the center mark shell with neutral detergent, fully dry and install according to steps 1 to 3.
- * Felt tab replacements are sold separately. Please contact the service department.

Aroma oil/natural essential Oil

- Keep it away from flames.
- Keep it out of reach of children.
- If oil has spilled on your clothing, rinse it with plenty of water and let it dry naturally. Do not use a dryer.
- Wash your hands immediately if oil has spilled on your hands.
- Be sure to read the instructions for use of aroma oil/natural essential oil.

CAUTION

Please handle the discarded felt tabs properly.

Aroma oil/natural essential oil sometimes melts plastics. Be careful not to let used felt tabs touch anything valuable.

Cleaning and Storage

WARNING

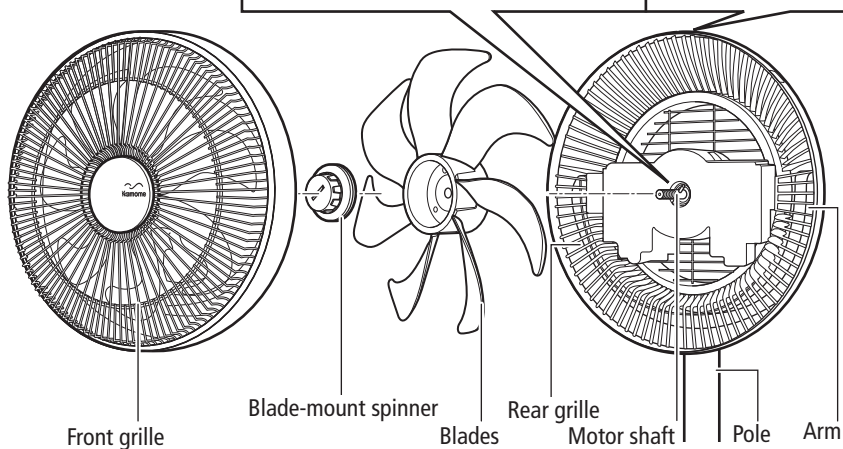
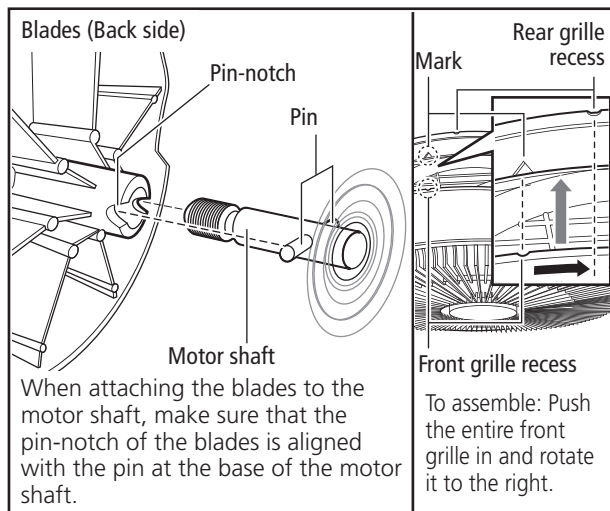
Always disconnect the AC adapter from the outlet during maintenance.

CAUTION

- Never use household cleaner, thinner, gasoline, alcohol, or abrasive powder.
- Do not flush the main unit or AC adapter with water. (It may cause electric shock and device failure.)

Maintenance

When the main unit is dirty, soak a soft cloth in warm water or neutral detergent (excluding citrus series), wring it thoroughly, wipe the dirt, and then wipe with a dry cloth. (Do not rub the resin hard, or else it may cause scratches on the surface.)



WARNING

Do not operate without attaching the blades and the guard to the main unit.

CAUTION

- Firmly attach the guard and the blades to the main unit before inserting the power plug in the outlet.
- Be careful to avoid injury from the edges of blades.

Blade maintenance

Disassemble the front grille before maintenance of the internal blades of the main unit. The operation requires two persons (one person holds and the other disassembles). Do not apply excessive force to the main unit.

Removal of Front Grille and Blades

1. While one person holds the rear grille and the arm and pole, the other person rotates the entire front grille to the left.

If you try to turn only the front grille, it will apply force to the arm, etc., and may cause damage or malfunction.

2. When the front grille can't be rotated any farther, pull the entire front grille off.

Pull out the front grille as a whole while holding the left and right sides of the arm in place.

3. Hold the blades and turn the blade-mount spinner to the right to remove the blades.

The blade-mount spinner has a structure that is the reverse of normal: turn it to the right to remove it, and turn it to the left to attach it.

Tips for removal of front grille

[If it is a large fan, please separate the base from the fan]

- Keep the fan facing up, and pinch the lower part of the fan with your legs.
- Wet your fingers or wrap your hands with a thin wet towel, and hold the outer ring of the front grille to prevent it from slipping.
- Rotate the front grille counterclockwise.
- Rotate the outer ring of the front grille about 2cm to open the lock.
- Lift the front grille upwards to remove it.

* Please take care to prevent staining your clothes.

Assembly of the blades/front grille

1. Align the pin-notch of the blades with the pin at the base of the motor shaft and attach the blades.
2. While holding the blades in place, turn the blade-mount spinner to the left to secure the blades firmly.
3. Align the ▽ marking of the rear grille to the notch of the front grille and push the front grille into the rear grille.
4. While holding the rear grille and the arm and pole in place, rotate the entire front grille to the right.

English

5. Confirm that the notch of the front grille and the notch of the rear grille are aligned.

There will be abnormal noise if the front grille is not locked.

Storage Method

- Fully dry it after maintenance.
- Put it in a plastic bag, then put it in the packaging box, and store it in a dry place free of moisture.

Troubleshooting

WARNING

This product can be disassembled and repaired by qualified repair technicians only.

Please check if the product has any of the following symptoms before sending it for repair.

Problem	Primary Cause	Solution
Blades won't turn	<ul style="list-style-type: none"> The blades are not correctly installed. The blades are hitting the grille. 	Install blades and grilles properly as described on page 18 "Assembly of the blades/front grille".
	<ul style="list-style-type: none"> DC plug disconnected from the DC jack. 	Plug DC connector firmly into the DC jack (see page 7)
	<ul style="list-style-type: none"> Power plug disconnected from the outlet. 	Reinsert the power plug (see page 7)
Operation stops suddenly	<ul style="list-style-type: none"> Unit was left on for 12 hours and the auto-off function activated (see page 11) 	Press the Power button on the main unit or remote control to turn on the power.
The lamps of the Control panel are dark. (Air volume lamp, Timer lamp, Natural/sleep wind lamp)	<ul style="list-style-type: none"> Dimmer mode is set. (see page 10) 	Press the Dimmer button to cancel the Dimmer mode function.
Loud noise when fan is on	<ul style="list-style-type: none"> The blades are installed incorrectly. The blades are hitting the grille. The grille isn't installed properly. 	Install the blades and grilles properly as described on page 18 "Assembly of the blades/front grille"
	<ul style="list-style-type: none"> The blade-mount spinner is loose. 	Tighten the blade-mount spinner as described on page 18 "Assembly of the blades/front grille".
After pressing the Up/Down Swing button, it takes some time for the up and down movement to begin.	<ul style="list-style-type: none"> This is not a malfunction. (see page 10). After the angle is adjusted manually, it takes time for the Up/Down Swing function to begin operating. 	If it bothers you that the movement doesn't start right away, use the Up/Down Swing button to adjust the angle instead of adjusting it manually.

Problem	Primary Cause	Solution
The remote control does not work.	<ul style="list-style-type: none"> The battery is worn out. 	Put a new battery in the remote.
	<ul style="list-style-type: none"> The terminals (+/-) of the battery are reversed. 	Check the battery terminals (+/-) and put it in correctly as described on page 6 "Install the battery into the remote control".
	<ul style="list-style-type: none"> The remote control is being operated while still attached to its storage spot The remote control is not pointed toward the remote control receiver. The distance to the remote control sensor is too far. 	Point the remote control transmitter toward the remote control sensor and operate within the usable range (on page 6)

The fan needs to be checked regularly for any defects.

- Power cord, plug or AC adapter heats up abnormally.
- The power connects and then disconnects repeatedly.
- Buring smell.



Please turn off the power, unplug the power cord and contact the service department at Doshisha.

Specifications

Product name	Kamome
Model	FKLS-231D
Power supply	220 – 240 V, 50/60 Hz (DC 24 V)
Power consumption	12.5 W
AC adapter cord length	Approx. 2.5 m
Size	Width 28 cm × Depth 23 cm × Height 57.5cm
Weight	Approx. 2.5kg (body only)

* Due to a continuous process of product improvement, the specifications and other information are subject to change without notice.



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