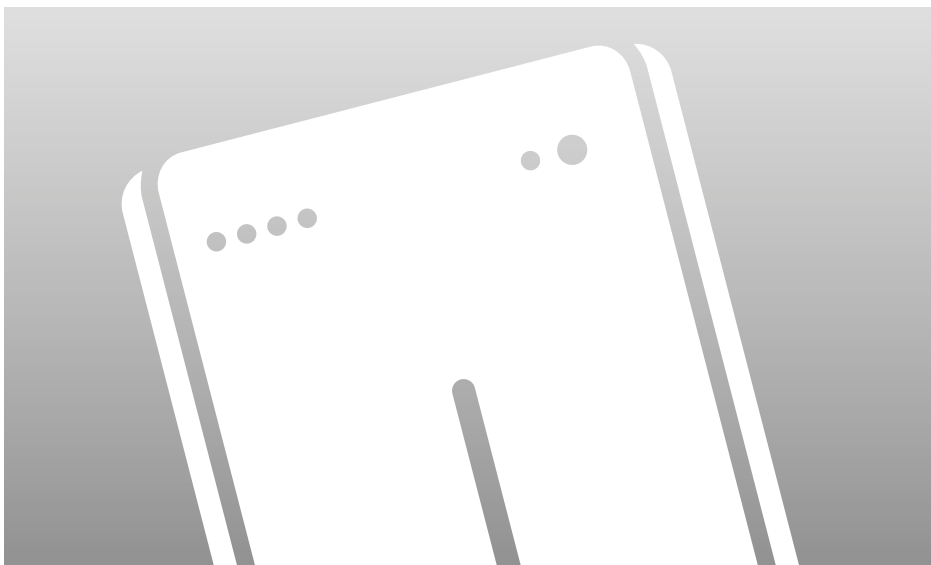




**OWNER'S INSTRUCTIONS
MANUAL DE INSTRUCCIONES
MANUEL D'UTILISATION
ISTRUZIONI PER L'USO
MANUAL DE INSTRUÇÕES
GEBRAUCHSANWEISUNG
ΟΔΗΓΙΕΣ ΓΙΑ ΤΟΝ ΙΔΙΟΚΤΗΤΗ
AC160C
AC160CB
AC160CP**

**Air Cleaner
Filtro de Aire
Purificateur d'air
Depuratore d'aria
Purificador de Ar
Luft Reiniger
Φίλτρο / Ιονιστής**



ENGLISH

ESPAÑOL

FRANÇAIS

ITALIANO

PORTUGUÊS

DEUTSCH

ΕΛΛΗΝΙΚΑ

Safety Precautions

The following safety precautions must be taken into account when using this product.



WARNING

- ◆ Do not place this product in places where it will come into contact with combustible gases such as sulfuric gas, hydrogen gas, methane gas, etc.
- ◆ Do not place this product in places that are exposed to direct sunlight, near heating equipments and wet places.
- ◆ When using this product, do not bend the wire excessively or place a heavy object on it. The wire may be disconnected or damaged.
- ◆ Avoid using inflammable spray gases such as insecticides near this product.
- ◆ Prevent children from inserting their fingers or objects into the air inlet and outlet.
- ◆ Do not attempt to repair this product by yourself. If the product needs repairing, consult with an authorized service personnel.



CAUTION

- ◆ Do not use this product on surfaces that are not even or slant. This may cause the malfunction or make a strange noise due to vibration.
- ◆ Make sure that the product is used in a location that ensures enough space(at least 5 cm) in front of the air inlet.
- ◆ Make sure that there are no obstacles near the air inlet and outlet of the product.
- ◆ If a strange noise, burning smell or smoke come from the product, disconnect the power supply immediately and consult with an authorized service personnel.
- ◆ Do not use this product except purifying air.
- ◆ Do not spill any kind of liquids into the product.
- ◆ Do not place containers containing liquid substances on the top of the product.
- ◆ Do not apply excessive impact on the product.
- ◆ When using this product in a closed area that combustible fuels are fired, make sure to ventilate the air occasionally.
- ◆ Do not use the product in places that have a high temperature and humidity level, such as a bathroom or a sauna.
- ◆ Before cleaning or repairing the product, make sure that the power supply is disconnected and the fan is stopped.
- ◆ Do not use substances such as benzene, thinner or alcohol to clean the surface of the product.
- ◆ Do not open the front panel when the product is in operation.
- ◆ When drying the washable filters, do not expose it to direct sunshine. The powerful sunshine may affect the transformation of the filter case.
- ◆ Do not touch the Washable Filter Section with wet hands because the user may be received an electric shock. This is especially true for the Washable Filter Section where a high voltage current flow.

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Correct Disposal of This Product (Waste Electrical & Electronic Equipment)

(Applicable in the European Union and other European countries with separate collection systems)

This marking shown on the product or its literature, indicates that it should not be disposed with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

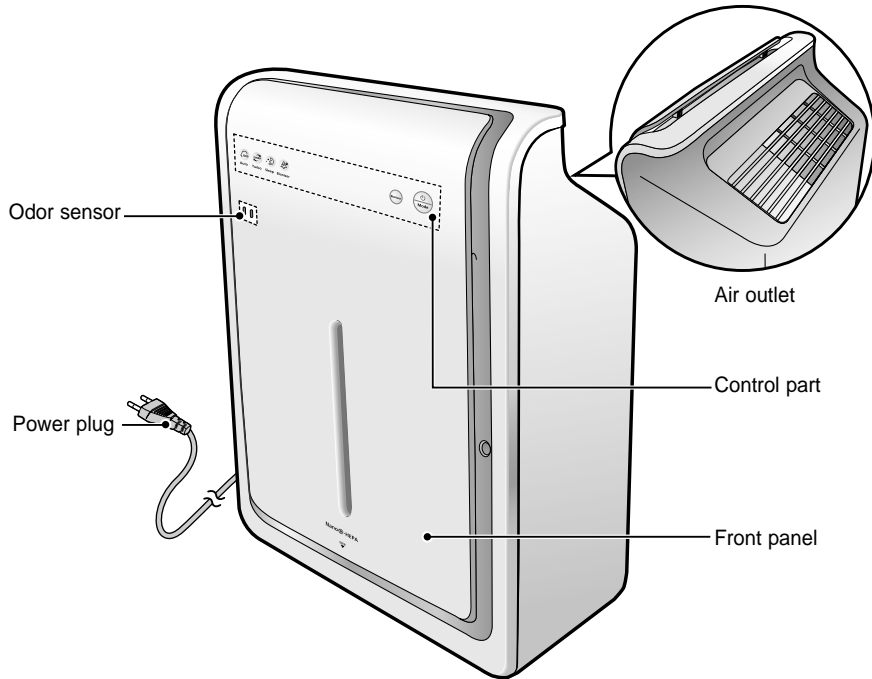
Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract.

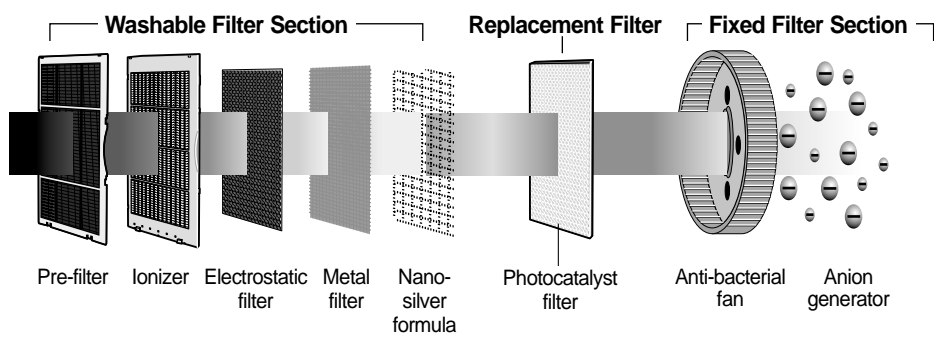
This product should not be mixed with other commercial wastes for disposal.

View of the Unit

Main Unit



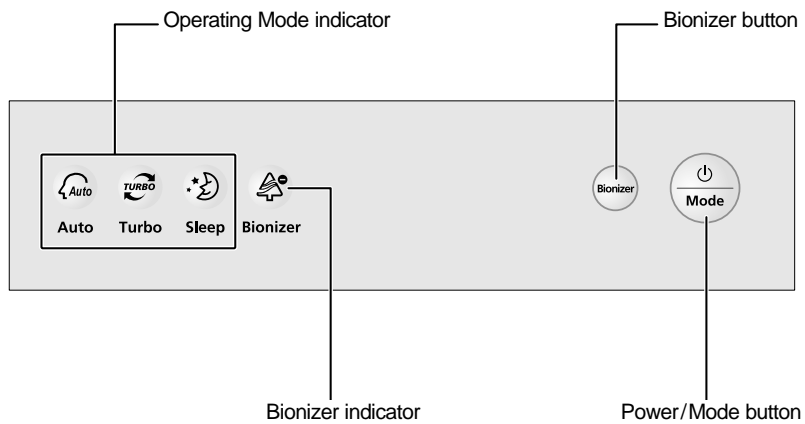
8 Steps Cleaning System



Note The Metal filter is coated with the Nano-silver particles.

View of the Unit (cont.)

Control Part



Note

Bionizer

- ◆ Bionizer is the registered trademark of the SAMSUNG ELECTRONICS Co., Ltd and generates anions for your health. For further details about anion, refer to page 11.

Getting Started

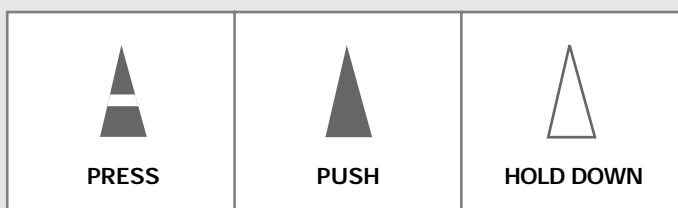
If you purchase this air cleaner, it has to be used according to the safety precautions of page 2.

This manual contains important information concerning use of your air cleaner. Please take some time to read this booklet as it will help you take full advantage of the product's features.

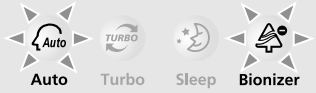
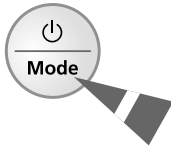
The booklet is organized as follows.

- ◆ *The chapter "View of the Unit" is shown from pages 4 to 6: It will help you find the buttons and understand the symbols that are displayed.*
- ◆ *In the manual, you will find a series of step-by-step procedures for each function available.*


Three types of symbols are used to help you understand the illustrations in the step-by-step procedures :



Selecting the Auto Mode





In the Auto mode, the air cleaner operates according to the contamination level. In this mode, the optimum fan speed is adjusted automatically and the Bionizer function is selected automatically.

- 1 If necessary, press the  (Power) button.

Result:

- ◆ The air cleaner runs in the Auto mode.
- ◆ The air cleaner makes a ringing sound.

- 2 If the  is not displayed on the control part, select the Auto mode by pressing the  button until it is displayed on the control part of the air cleaner.

Result:


- ◆ The air cleaner beeps.
- ◆ The air cleaner operates in the Auto mode.

Note You can change modes at any time.

- 3 To adjust the Bionizer function, refer to page 11.



Selecting the Turbo Mode

*In the Turbo mode, you can clean the air as quickly as possible.
The fan in the air cleaner turns in the fastest setting to clean the air.
The Bionizer function is selected automatically.*

- 1 If necessary, press the  (Power) button.

Result:

- ◆ The air cleaner runs in the Auto mode.
- ◆ The air cleaner makes a ringing sound.

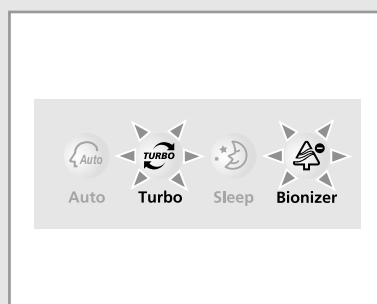
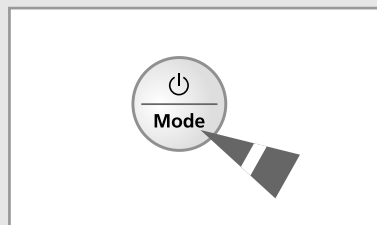
- 2 If the  is not displayed on the control part, select the Turbo mode by pressing the  button until it is displayed on the control part.

Result:

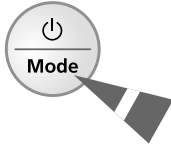
- ◆ The air cleaner beeps.
- ◆ The air cleaner operates in the Turbo mode.

Note You can change modes at any time.


- 3 To adjust the Bionizer function, refer to page 11.



Selecting the Sleep Mode





If you wish the air cleaner to clean the air in your room quietly, select the Sleep mode. In this mode, the air cleaner runs in the quietest setting and the Bionizer function is selected automatically.

- 1 If necessary, press the  (Power) button.

Result:

- ◆ The air cleaner runs in the Auto mode.
- ◆ The air cleaner makes a ringing sound.

- 2 If the  is not displayed on the control part, select the Sleep mode by pressing the  button until it is displayed on the control part.

Result:

- ◆ The air cleaner beeps.
- ◆ The air cleaner operates in the Sleep mode.


Note You can change modes at any time.

- 3 To adjust the Bionizer function, refer to page 11.

Note In the Sleep mode, the display brightness gets dimmer so that it may not disturb your sleep.

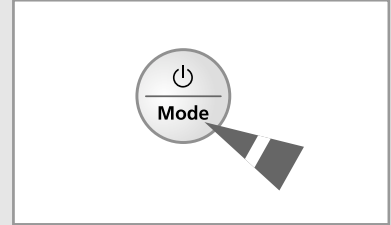
Generating Anions



Bionizer generates anions, which are beneficial to the human body. Use this function if you want to feel refreshed both physically and mentally, just as if you were in the midst of a forest. If the air cleaner is turned on, the Bionizer function is selected automatically.

- 1 If necessary, press the  (Power) button.

Result:

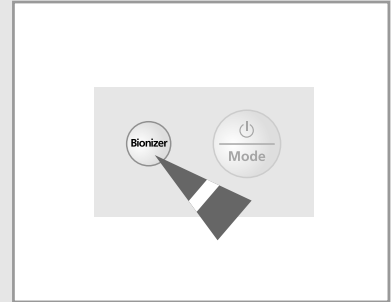
- ◆ The air cleaner runs in the Auto mode.
- ◆ The air cleaner makes a ringing sound.




- 2 If the  is not displayed on the control part, select the Bionizer function by pressing the  button.

Result:

- ◆ The air cleaner beeps.
- ◆ The Bionizer indicator lights up on the control part.
- ◆ The air cleaner generates anions into the indoor air.



- 3 If you wish to turn off the Bionizer function, press the  button again.

Result:

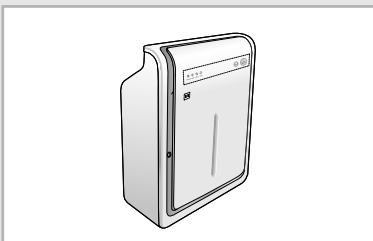
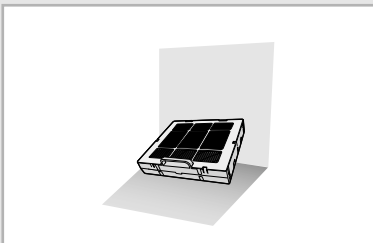
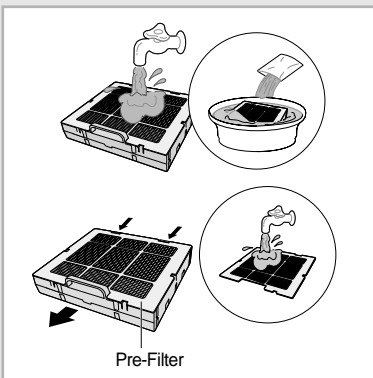
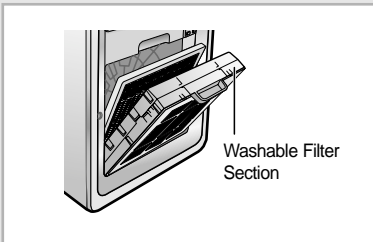
- ◆ The Bionizer indicator disappears on the control part.
- ◆ The air cleaner stops generating anions into the indoor air.

Note *Anions are ultra-fine particles charged negatively in the air. There are vast quantities of them in nature, for example near waterfalls or in the midst of a forest. When inhaling in sufficient quantities, anions can enhance the metabolism of your blood cells, help you recover from fatigue faster, and calm your nerves.*

Cleaning the Air Cleaner

Cleaning the Washable Filters

Washable Filters are responsible for eliminating fine particles of dust, molds and mites in the air that are as small as 0.5 microns. It also has the function of sterilizing virus or bacteria in the air in your room. You had better clean the Washable Filters every 3 months. The cleaning frequency of the Washable Filters may vary according to the time and place that the air cleaner is operated. Before cleaning the air cleaner, make sure that the power supply is disconnected.



1 Open the front panel and pull out the Washable Filter Section.

2 Wash the Washable Filter Section under lukewarm tap water.

- Note**
- ◆ If the filter is too contaminated, leave it in warm water mixed with neutral detergent for 30 minutes, and brush the contaminants with a soft brush.
 - ◆ The Pre-Filter is easy to clean because it can be taken out of the Washable Filter Section and washed separately.
 - ◆ Do not wash the filters with salt water. The metal parts can be rusted.

3 Leave the Washable Filter Section in the shade to dry for over 12 hours.

- Note** During this process, make sure that the filter is not exposed to direct sunlight because the sun's rays may affect the transformation of the filter case.

4 Put the Washable Filter Section back into the place and assemble the front panel.

Cleaning the External Surface of the Air Cleaner

1 Clean the external surface of the air cleaner with a damp soft cloth and neutral detergent.

- Note** Do NOT use benzene, solvents or other chemicals.

Recovering the Photocatalyst Filter

The Photocatalyst filter eliminates various odors in the indoor air.

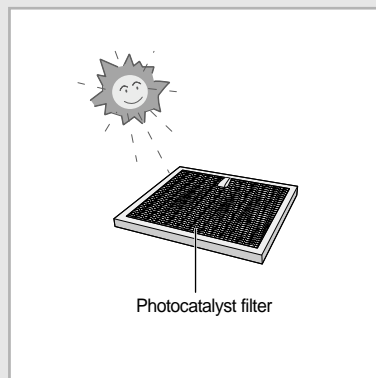
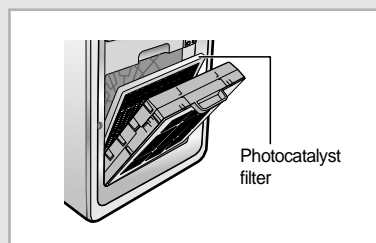
- 1 Open the front panel and pull out the Photocatalyst filter after pulling out the Washable Filter Section.

- 2 Dry the Photocatalyst filter under the sunlight at least for 8 hours.

- Note**
- ◆ The more frequently you dry the Photocatalyst filter under the sunlight, you can use the filter more efficiently.
 - ◆ You can purchase new photocatalyst filters in the authorized service center.
 - ◆ Replace the Photocatalyst filter with new one after using it for about 3 years because the capacity of the Photocatalyst filter can not be recovered.




- IMPORTANT** Don't wash the Photocatalyst filter. It must be dried only under the sunlight every 6 months.

- 3 After pushing the Photocatalyst filter and the Washable Filter Section back into the place, assemble the front panel.



Solving Common Problems

Before contacting the after-sales service, perform the following simple checks. This may prevent you from making an unnecessary call and wasting your time and money.

Problem	Explanation/Solution
The air cleaner does not operate.	<ul style="list-style-type: none"> ◆ Check for a power failure. ◆ Check that the power plug is plugged in tightly. ◆ Check that the power outlet is not of a poor quality. ◆ Check that the front panel is closed properly.
The air cleaner stops its operation abruptly.	<ul style="list-style-type: none"> ◆ Check whether the front panel was opened during operation. Press the  (Power) button if you wish to restart the air cleaner.
Unpleasant odors can be detected coming from the air cleaner.	<ul style="list-style-type: none"> ◆ Check that the air cleaner is used in places that have a high level of odor permeating contaminants in the air. The air cleaner cannot fully function in an environment where the level of contamination is too high. ◆ Check whether the dirty filters are in the front panel.
The brightness of the control part is too dim.	<ul style="list-style-type: none"> ◆ Check whether the air cleaner operates in the Sleep mode. In the Sleep Mode, the control part automatically diminishes its brightness to ensure a comfortable sleeping setting.
The air in the room still feels unclean.	<ul style="list-style-type: none"> ◆ Check whether the filters in the Washable Filter Section and the Photocatalyst filter have been cleaned and replaced regularly. ◆ Check that there are no additional contaminants entering the room through open windows and doors.
 indicator blinks.	<ul style="list-style-type: none"> ◆ Contact the service center when the sensor senses contaminants improperly.
 indicator blinks.	<ul style="list-style-type: none"> ◆ Contact the service center when the fan motor operates improperly.

Technical Specifications

Model	Power Supply
AC160C AC160CB AC160CP	220-240V~, 50/60Hz

**THIS AIR CLEANER IS MANUFACTURED BY:
ESTE FILTRO DE AIRE HA SIDO FABRICADO POR:
CE PURIFICATEUR D'AIR EST FABRIQUE PAR:
QUESTO DEPURATORE D'ARIA È PRODOTTO DA:
ESTE PURIFICADOR DE AR É FABRICADO POR:
DIESER LUFT REINIGER IST FABRIZIERT VON:
ΑΥΤΟ ΤΟ ΦΙΛΤΡΟ / ΙΟΝΙΣΤΗΣ ΚΑΤΑΣΚΕΥΑΖΕΤΑΙ ΑΠΟ ΤΗΝ:**



ELECTRONICS