

# Eos

## Air Purification System



Model : E0S-501D / 501E  
**USER'S MANUAL**

# HYUNDAI

## WACORTEC

MADE IN KOREA



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# HYUNDAI

## WACORTEC

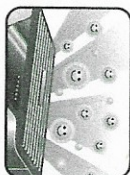
Thank you very much for selecting HYUNDAI Wacor Tec.Co.,Ltd.  
In order to bring the best use of your system, please read the  
user's manual carefully before installation and follow the regulations.



## Strong Point of Product

1. Maximization of filter area and Superiority of Collection Efficiency

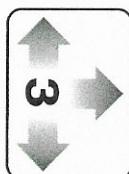
Purification ability of filter was maximized by adopting filters of 3stages (Pre filter, Multifunctional Deodorization filter,



Fine dust filter through upper, Left and Right's side. These filters eliminate Fine particulate and prevent breeding of Microbial, mold. The collection efficiency for more than 0.3 $\mu$ m. Fine dust is over 99.97% and the elimination efficiency for odor is over 90%.

2. Realization of the best performance of the in the world by strong purification ability.

The air purification ability (CADR) of the top in the world was realized more than 450 through inhale of polluted air by 5 sides and exhaust of purified air by 3 sides.



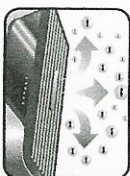
4. The measurement of pollution level

The pollution level is checked with the naked eye through pollution detecting sensor.



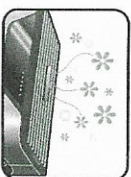
3. Ion Cluster

It can maintain fresh air by the ion cluster on the upper part. Ion Cluster generate +, - ion which can deodorize bad smell and remove bacteria in the air



5. Emission of an Incense

Aroma materials case on the upper side is emitted according to taste of consumers and the amount of emission can be controlled.



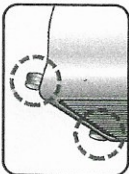
6. Re-using of filter

The Prefilter is designed as washable filter so that the consumer can maintain the filter's function by cleaning.



7. Convenience of moving

Unit is designed as it can be freely moved room to room and room to floor by using of caster.



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## PRECAUTIONS IN SAFETY

Please use product rightly after reading contents well for safety of users

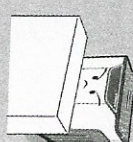
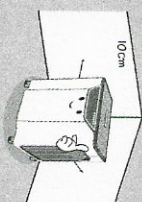
### INSTALLATION



**Please do not place an obstacle in front of inlet or outlet of product.**  
■ It may cause malfunction and air purification efficiency may fall.

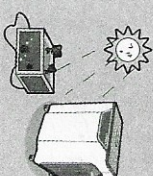
**Please install a product at the place where is far more than 10cm from the wall.**

■ The purification ability may fall in case inhale area of air is narrowed from space.



**Please install the product avoiding by direct light, heating appliances, especially moisture.**

■ Performance of product is fallen or it may malfunction.



### POWER SUPPLY

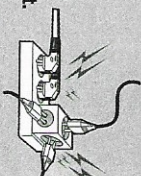


**Please do not touch and unplugging a electric wire and plug by wet hands.**

■ It may cause electric shock and fire.



**Please do not use damaged power cord, plug, loose-fitting outlet.**  
■ It may cause electric shock and fire.

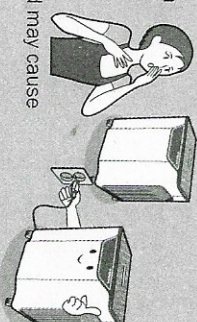


**Please contact a service center after putting off a power supply when it occurred strange noise and burning smell, smoke may caused from product.**

■ It may cause electric shock, fire seriously.

**Please unplug if you do not use for a long time.**

■ The un-needed electric power is exhausted and may cause a short circuit, fire.



### DURING USING



**Please do not insert a finger and other materials in inlet or outlet on product.**  
■ It may cause malfunction and electric shock, fire.

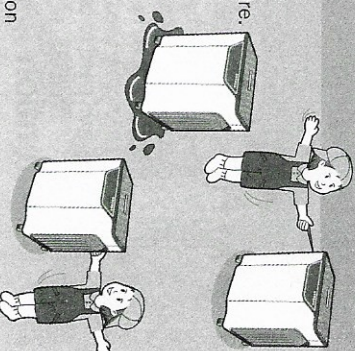
**Please do not give excessive impact on product artificially.**  
■ It may cause malfunction, fire.

**Please do not open filter box during operation.**

■ It may cause mal function, accident.

■ Do not insert a pen, finger, other materials in inlet during operation.

■ It is cause to damage of product and malfunction



WARNING



## PRECAUTIONS IN SAFETY

Please use product rightly after reading contents well for safety of users



### DURING USING



Please be sure to ventilate occasionally when it is used together with combustion appliances in closing inner area.



Please use after inserting filter essentially.

The purification ability will be fallen if it is operated without filter.



Please do not dismate and repair, reconstruct a product.

It may cause malfunction and electric shock, fire, please contact a service center if product is needed to repair.



DISASSEMBLE

### OTHERS



Please start a cleaning, repair after the power supply is turned off and turning of fan is stopped.

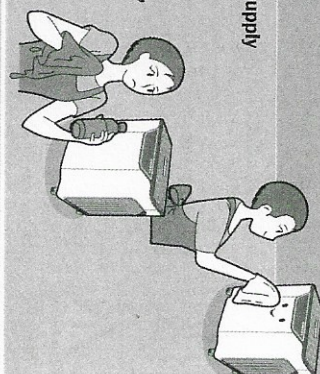
It may cause electric shock, other danger.



Please do not clean through using of chemicals, Alcohols etc.

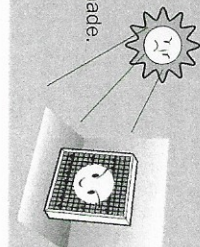
It may cause electric shock, fire.

The out side of product can be transformed.



Please be sure not expose direct light when the filter is dried after washing.

The filter has a possibility of transformation. Please use filter after drying for 5 hours in shade.



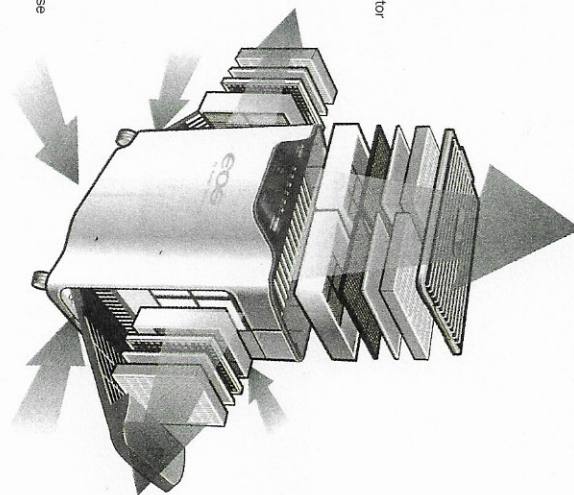
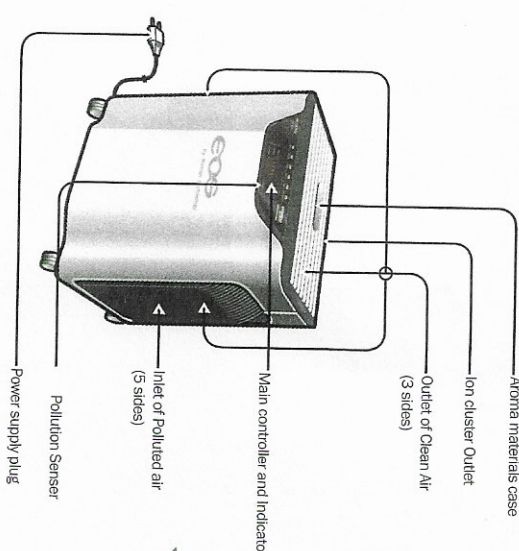
### Pre-cautions

- 1) The system shall be operated after user is fully aware of this user manual.
- 2) If disable people or inexperienced people use the system, the system shall be used under the control of the experienced people or it shall not be used.
- 3) Children need to be controlled not to use the system as toys.

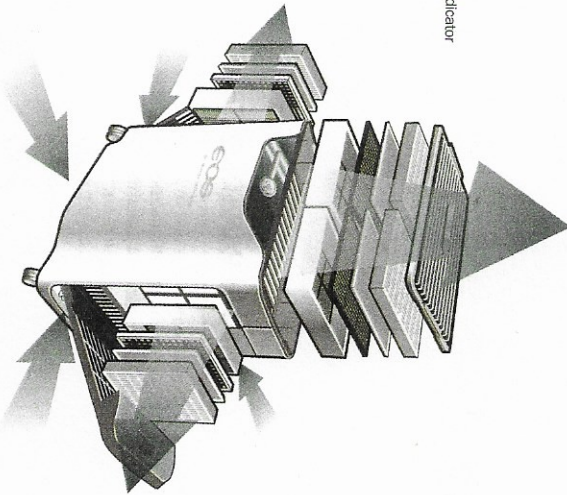
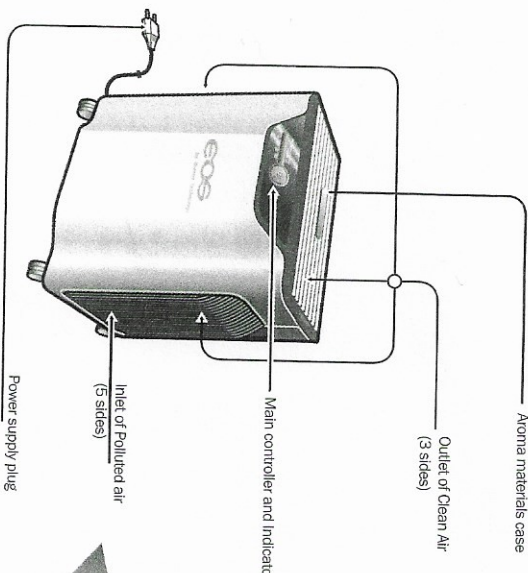
**Attention :** In case of damage of power cords, please do not repair or remodel the system, and please call to your supplier or the manufacturer.

## INDICATOR OF EACH CATEGORY / AIR CIRCULATION CHANNEL

Model Number : EOS-501D

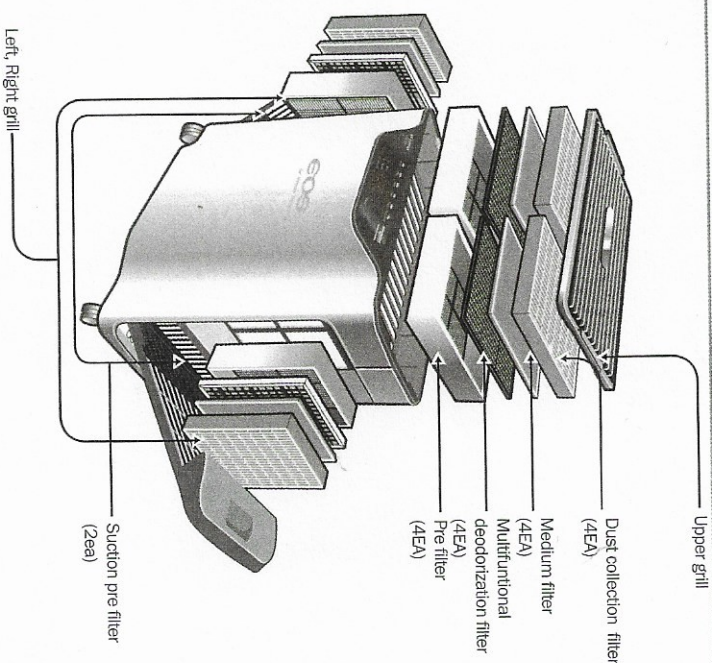


Model Number : EOS-501E



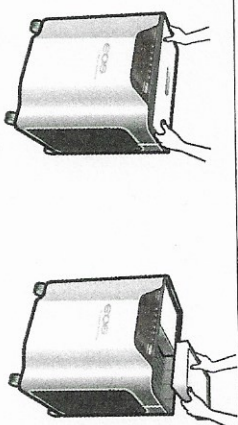


## NAME AND RESOLUTION OF FILTER / SEPARATION METHOD OF FILTER'S BOX (Model 501D, 501E)



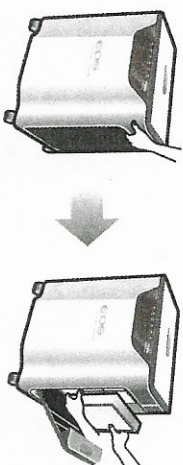
### HOW TO SEPARATE UPPER-FILTER

Please draw up upper grill through a handle and take out inner filter box, and then separate each filter.



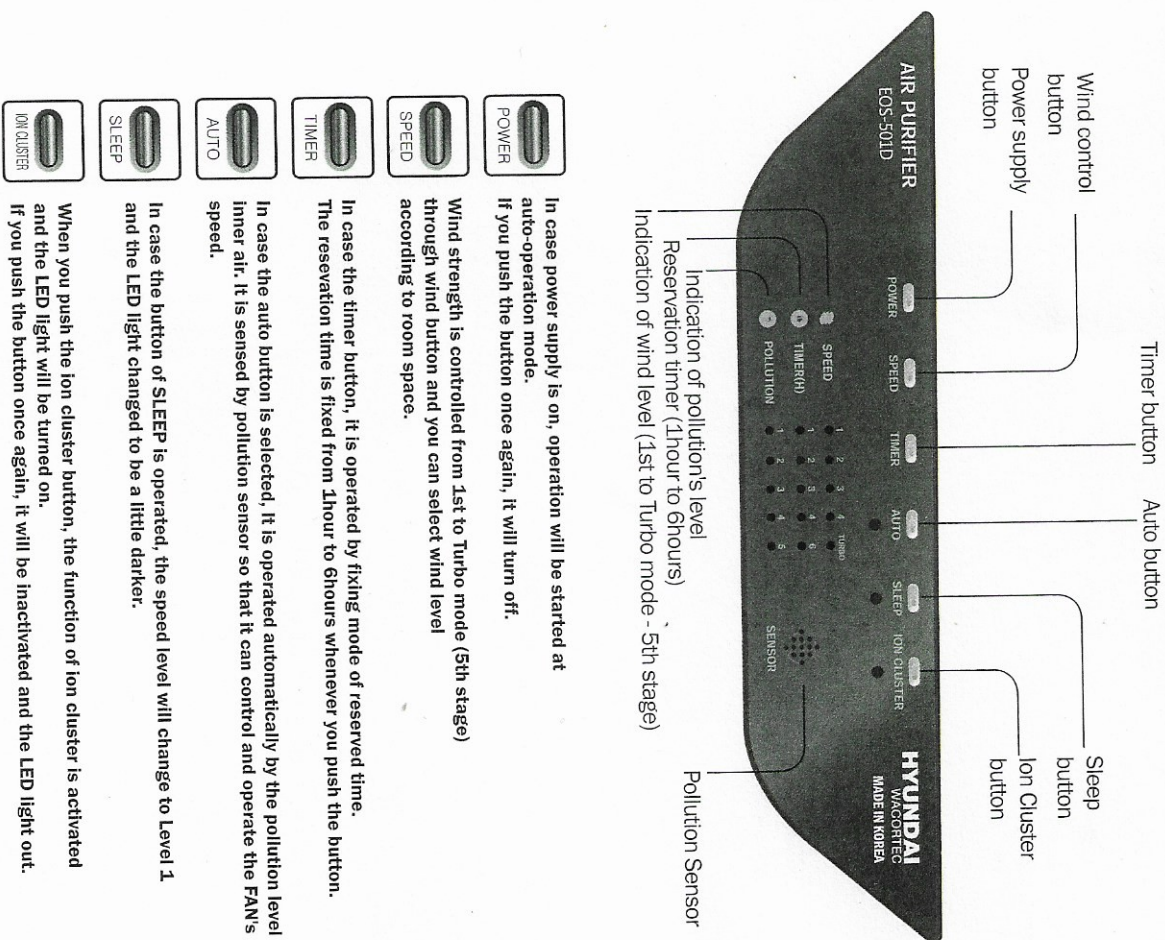
### HOW TO SEPARATE FILTER OF LEFT, RIGHT SIDE.

Please open filter box to the body side after grasping grill handle of left, right side and then take out inner filter box and separate each filter.



## NAME OF EACH PART

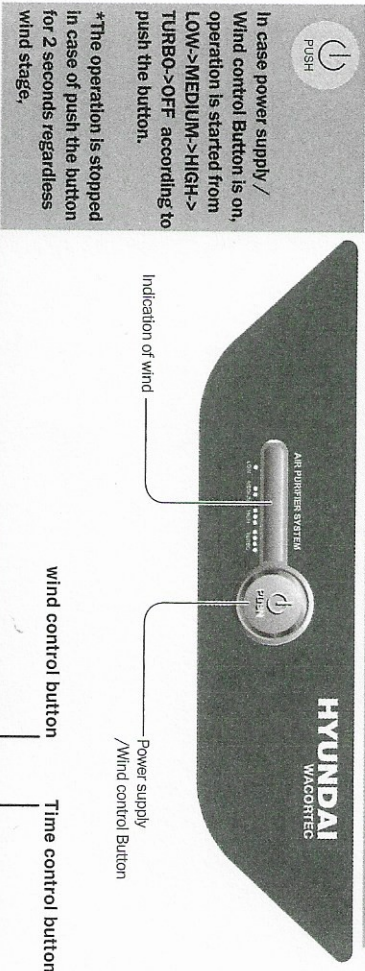
### MAIN CONTROLLER AND INDICATOR / EXPLANATION FOR BUTTON (EOS-501D)





## NAME OF EACH PART / CHECK POINT BEFORE USING

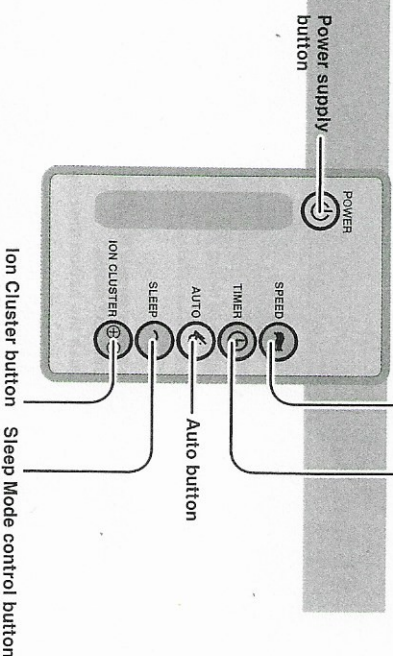
### MAIN CONTROLLER AND INDICATOR / EXPLANATION FOR BUTTON (EOS-501E)



In case power supply / Wind control Button is on, operation is started from LOW->MEDIUM->HIGH->TURBO->OFF according to push the button.

\*The operation is stopped in case of push the button for 2 seconds regardless wind stage.

### REMOTE CONTROL (Model : EOS-501D)

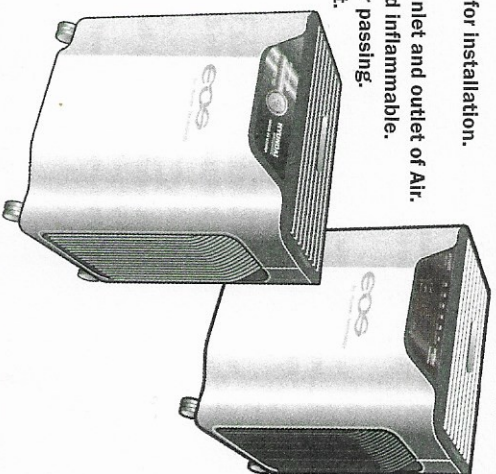


Ion Cluster button Sleep Mode control button

### CHECK INSTALLATION

Please check the following conditions for installation.

- Flat place where is not inclined.
- The place where has not interrupted inlet and outlet of Air.
- The place where is not moisture and inflammable.
- The place where is not interrupted for passing.
- The near place from an electric outlet.



## OPERATION (Model : EOS-501D)

### AUTO OPERATION

When you want to control purified level according to pollution situation of air.



### THE OPERATION CONDITION IN CASE OF AUTO OPERATION

#### PURITY DEGREE

- The optimum purification condition is selected according to Pollution level of inner air and then need not to control separately.
- In case you control the purity degree, the Auto operation is cancelled and is operated according to the selected purity degree.

### IN CASE AIR CLEANER IS NOT OPERATED

- Please push the button and start operation.
- The sound is changed and then auto operation is started.

### IN CASE AIR CLEANER IS OPERATED

- Please push the button for the Auto Operation.
- Whenever you push the button, it is selected the alternate Auto and Manual operation.

### MANUAL OPERATION-1

When you want to control dust which was entered into indoors.



### PLEASE PUSH THE BUTTON AND START OPERATION

- While the sound is changed, the air purifier is turned on and then auto operation is started.

### PLEASE PUSH THE BUTTON FOR THE MANUAL OPERATION

- Whenever you push the button, it is selected the alternate Auto and Manual operation. Please push and select the button until the time of indication for Manual operation.

### THE OPERATION CONDITION IN CASE OF MANUAL OPERATION

#### PURITY DEGREE

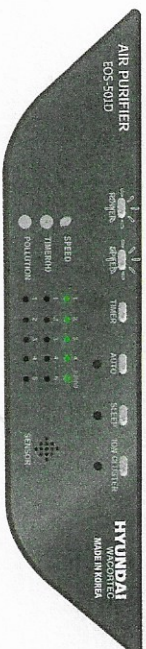
- You can control Purity degree directly.
- In case you control "Auto operation", the manual operation is cancelled and it is automatically operated according to pollution level.



## OPERATION (Model : EOS-501D)

### CONTROL OF PURIFYING LEVEL

When you want to freely control the condition of purified wind.

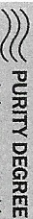


### CONTROL METHOD OF PURIFYING LEVEL



- Please push the button for selecting your desired purifying level.
- The repeated operation is selected from 1 to turbo(5 stages) whenever you push the button.
- Please push the button and select until the time of indication for your desired purifying level.

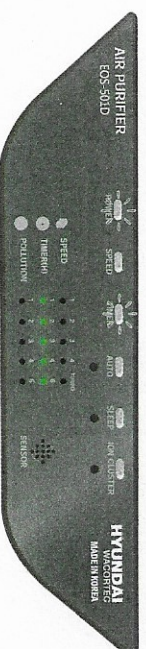
### THE OPERATION CONDITION IN CASE OF CONTROL OF PURITY DEGREE.



- it is operated by selected purifying level
- in case [AUTO] button is selected, the selected purifying level is cancelled and the air purifier is operating automatically

### TIMER OPERATION

You can operate according to appointed time.



### PLEASE PUSH THE BUTTON FOR STARTING OPERATION.



- it make sound of ring tone, and the air purifier is turned on and then start auto operation.

### PLEASE PUSH THE BUTTON AND SELECT TIMER OPERATION.

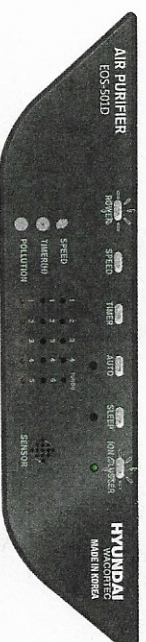


- The setting time of reservation is from 1hour to 6hours and the reservation time is set per 1hour. Please push the button repeatedly for cancelling the setting.

## OPERATION (Model : EOS-501D)

### FUNCTION FOR ION CLUSTER

How to use the function for eliminating harmful matters?



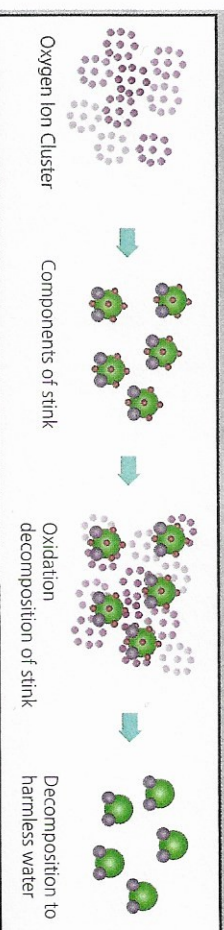
### PLEASE PUSH THE BUTTON FOR ION CLUSTER



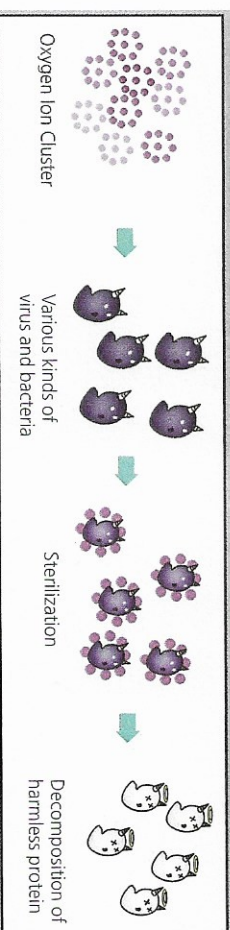
- ION CLUSTER : When ION CLUSTER is activated, it eliminates cigarette smoke, smell, stink where the system is being used. And it also removes mold, virus, bacteria and others in the air.

### ABOUT ION CLUSTER

- Deodorization : The generated ion cluster sticks to smell and stink such as cigarette smoke, and it reacts each other. And it changes to water (H<sub>2</sub>O) and carbon dioxide (CO<sub>2</sub>) which are harmless for human bodies.



- Removal of microorganism : The generated ion cluster surrounds virus, bacteria, H1N1, mold and others, and it reacts each other. And it changes to protein which is harmless for human bodies.



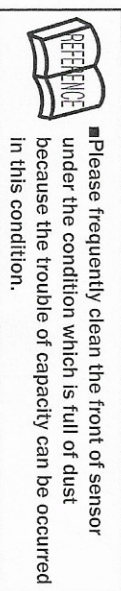


## HOW TO CLEAN AND MAIN THE AIR PURIFIER

Please be sure to unplug when you clean the air purifier.

### HOW TO CLEAN POLLUTION SENSOR(Model : EOS-501D)

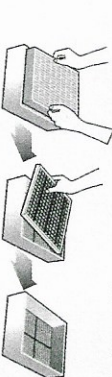
The sensor is equipment which sensed pollution level. The efficiency can be maintained by cleaning the sensor regularly.



### HOW TO WASH THE WASHABLE FILTERS

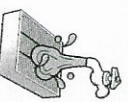
The washable filters have a function of elimination for large dust or hair etc in the air. Please wash the filters every three months or according to the condition of the filter on Main controller as following method.

- 1 Please pull the filter box after opening grill of left and right sides.
- 2 Please replacement filter by pulling by strap.



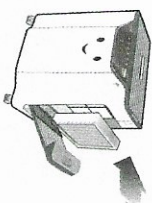
- 3 Please wash the Prefilter with tepid water.

Please wash the net with a soft brush in tepid water with a detergent.



- 4 In case of deodorization filter, brush off dust by once at 2 months.

In case there is dust on surface of deodorization filter, it may affect deodorization efficiency.  
In case of cleansing, it may stain you with black powder (activated carbon) but it is harmless to body.



Deodorization filter is not washable and it does not need to wash. However, in case it became moist, please dry it perfectly and then insert it into the main body, if you do not dry it perfectly and then insert it into the main body, it may cause damage of the collection filter and odor with wind.

Filters are consisted of prefilter, deodorization filter and collection filter.



### REPLACING TIME FILTERS AND METHOD OF GEL

#### REPLACING TIME FILTER

FILTERS	REPLACING TIME
Dust collection filter	1 year or 1.5 years (Filter replacing period is depending on operation method and place conditions)
Deodorization filter	6 Months (Filter replacing period is depending on operation method and place condition)

## HOW TO USE OF GEL / CHECKING POINTS BEFORE REPORTING OF TROUBLE SHOOTING

### HOW TO USE OF GEL

- 1 Please cut the packing material.



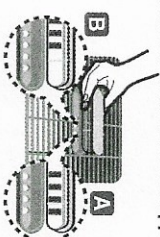
- 2 Please insert Gel and put in the case.



- 3 Please combine the case with the cover of upper grill(Please combine with sound "Tak")



- 4 Please assemble on the upper grill.



Concentration of Gel and using time are subject to change according assemble.  
A If hole of upper grill(4EA) are in high concentration of Gel.  
B If hole of upper grill(2EA) are in low concentration of Gel.

### CHECKING POINTS BEFORE REPORTING OF TROUBLE

Please check before reporting of trouble shooting.

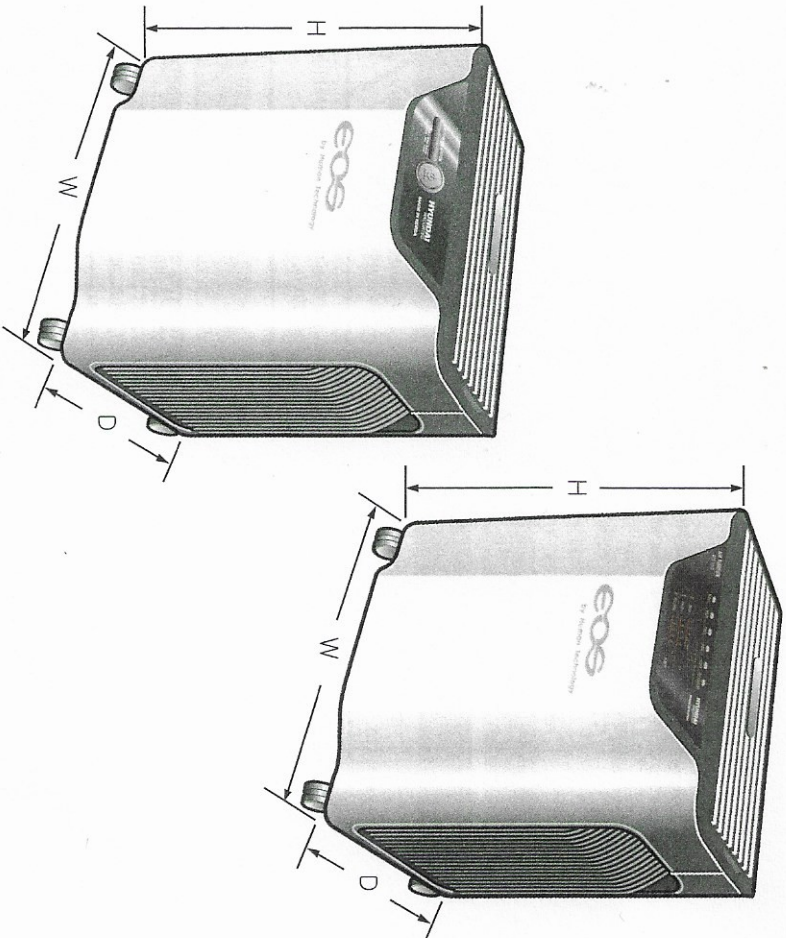
SYMPTOMS	CHECK POINT	SOLUTION
Unit does not work	Is there a electricity off ?	Please check connection of electric current and operate again.
	Is Power supply plug connected properly ?	Please set the power supply and operate again.
	Is an electrical outlet faulty?	Please operate with another electrical outlet.
The strange smell is coming out	Do you use the unit at the place where is full of odor or smoke?	The efficiency of cleaning air might be fallen at the place where is full of smoke and bad smell. Please use the air purifier after ventilating air fully.
	Is the washable filters dirty?	Please clean washable filters.



## SPECIFICATION

Model Name	EOS-501D / EOS-501E
Power Supply	AC220-240V , 50/60Hz
Using space	60m <sup>2</sup> (698 ft <sup>2</sup> ) certificated by AHAM
Consumption Electricity	67W(MAX)
Electric current for Operation	0.8A(MAX)
Weight	14kg
Size(W × D × H)	530×670×360(mm)

● Design and Specification are subject to change without a notice for improving of quality.



## PRODUCT WARRANTY CARD

We HYUNDAI WACORTEC. CO., LTD. supply the reliable products through the perfect quality control and service inspection considering Air and environment based on the views of our clients, and do our best to fulfill customer satisfaction.

We guarantee that the repair or exchange of faulty components will be conducted without charge when the defect occurred during the manufacturing process or malfunction occurred within the guarantee period. Please refer to your local distributor in such case.

**\* KOTRA Global Brand Company \***

### Guarantee Period

1. Warranty period is for 12 months after purchase of the product.
2. However in cases mentioned below, charges would be applicable.
  - 1) After expiry of free warranty period.
  - 2) Damage or malfunction caused by careless usage.
  - 3) Malfunction occurred due to natural calamity.
  - 4) Loss of the warranty caed.

Repair Date	Repair Contents	Repair Place	Name of Repair Place

HYUNDAI WACORTEC. CO., LTD.