

WACORTEC AIR PURIFIER



WACO Corp.



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WACO Corporation

1.THE STRONG POINT OF WACORTEC AIR PURIFIER

① Excellent Air Cleaning Capabilities through 9 steps filtering

Excellent Air HEPA filter which can effectively remove the micro dusts in indoors is adopted, which make it possible for a user to inhale more clean indoor air.

② More enhanced deodorization function

By adapting the 2 steps Carbon Urethane Filter, the removal performances of various smells are highly enhanced.

③ Excellent Antibiotic Performance

The antibiotic function is added to prefilter. So, the propagation of common germs and molds which exist in dusts of indoor air is prevented through 4 steps of filtration.

④ High wind power and low noise SIROCOPAN

By adopting the high wind power and low noise SIROCOPAN developed by our own technology, Ventilation by its wind power is increased.

⑤ Automatic Operation by sensing a pollution level

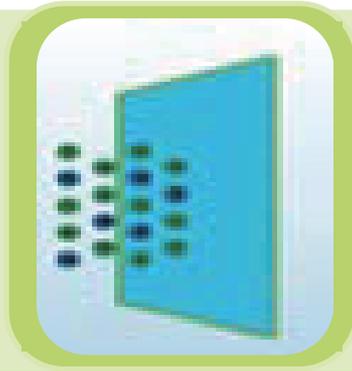
Our air purifier can sense the conditions of pollution through the real-time sensor. When auto-operation system works, Air Purifier will automatically control airflow.

2. 9 STEPS AIR PURIFIER SYSTEM

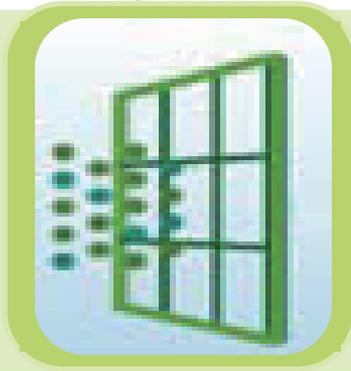
1. Prefilter



2. STATIC ELECTRICITY SHEET



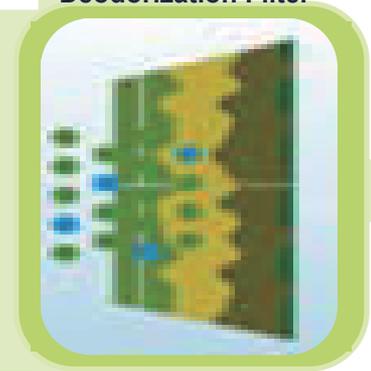
3. ANTIBIOTIC MEDIUM FILTER



4. Nano Silver Composite HEPA filter

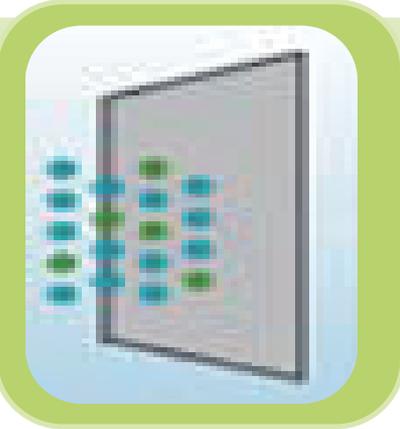


5. Carbon Urethane Form Deodorization Filter



<p>1. Prefilter</p>	<p>Prefilter firstly is consisted of the antibiotic material and removes the large dusts($50\mu\text{m}$) like the hairs, dusts from quilts, animal's hairs etc.</p>
<p>2. Static Electricity Sheet</p>	<p>Static Electricity sheet is consisted of antibiotic material and do first remove thick dusts, Yellow sand, Home dusts and ticks etc.</p>
<p>3. Antibiotic medium filter</p>	<p>Antibiotic medium filter is consisted of antibiotic material and do secondly removes thick Dusts, Yellow sand, Home dust etc.</p>
<p>4. Nano Silver Composite HEPA filter</p>	<p>Nano Silver Composite HEPA filter has high air filtration and sterilization power. This filter removes the minute dusts of the $0.3\mu\text{m}$ like pollens, bacteria, cloud of smoke etc. up to 99.97% and has germicidal powers.</p>
<p>5. Carbon Urethane Form Deodorization Filter</p>	<p>Carbon Urethane Form Deodorization Filter firstly removes the strong smells like awful ones of fats and food.</p>

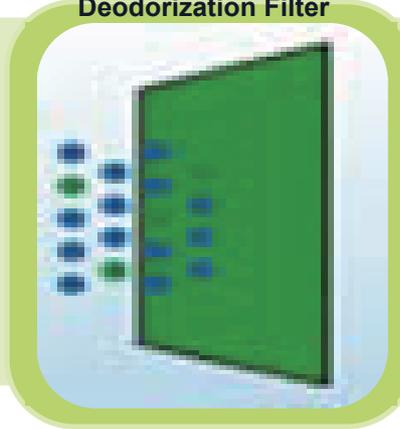
6. Carbon Antibiotic Sheet



7. Granular Active Carbon Deodorization Filter



8. Carbon Urethane Form Deodorization Filter



9. Ion Generator



6. Carbon Antibiotic Sheet	The removal efficiency of the smell and the antibiotic functions are enhanced.
7. Granular Active Carbon Deodorization Filter	Granular Active Carbon Deodorization Filter removes the smokes and the substances making awful smells by Granular Activated Carbon.
8. Carbon Urethane Form Deodorization Filter	Carbon Urethane Form Deodorization Filter secondly removes the light smells, Formaldehyde and Carbon monoxide.
9. Ion Generator	By generating the Ion into indoor's air, the unit makes a user feel like exhilarating forest's air.

3. SPECIFICATION

***Product Name** : WACO Corp. AIR PURIFIER

***Model Name** : HYAP-201, HYAP-202

***Power Supply** : AC 220V/50 Hz

***Power Rate** : 30 W

***Room Size** : 50

***Operating Method** : Multiple (Filter + Electronic Type)

***Weight** : 10 kg

***Dimension**: 440 * 250 * 780 mm (W*D*H)

***Service life**

- Prefilter: A time per 2~4 weeks cleaning and washing
- Static electricity Sheet: 12 months
- Antibiotic medium filter: 12 months
- Nano Silver Composite HEPA filter: 12 months
- Composite deodorization filter: 12 months
- Ion generator: Semi permanent

***According to the condition of using the unit, the filter's changing time can be differentiated.**



4. How to use the Air Purifier

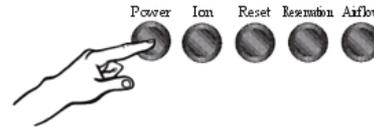
1

- Plug the power cord to wall-out (only for AC220V)
- To be alarmed (In case of not being alarmed, please call A/S center)



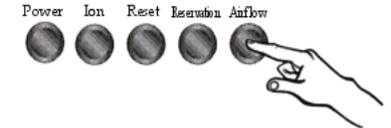
2 Power Button

- Auto-mood works if you push the power button on the unit or the remote controller.
- The indicator displaying the air pollution level works and twinkle for 2 seconds.
- The ion generator automatically turns on.



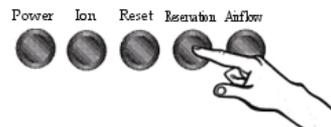
3 Airflow Button

- Choose the airflow button of the unit or Remote Controller (Auto→Sleep→soft wind→light wind→strong wind→Auto→sleep→)



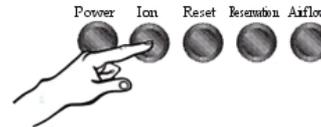
4 Reservation Button

- Set the time you want to reserve through the unit or Remote Controller (Continuation→1hour→4hour→10hour→Continuation→)



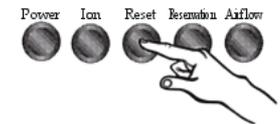
5 Ion Button

- The operation and stop of Ion generation can be controlled by the button on the Air Purifier or Remote Controller



6 Reset Button

- If the signal indicating the changing time of filters is flickering, change the filters and push the Reset switch for about 10 seconds. If the signal indicating the changing time of filters is flickering, change the filters and push the Reset switch for about 10 seconds.



*Remote controller is optional.

5.The way of using the unit and a wall plate

▷ The effective usage

1. When you clean the room, push the strong Wind Button.

-Dusts and odors etc. produced by your cleaning room will quickly be removed.

2. When you sleep, choose the sleep mood.

-Through this function the air condition of your room can be continued to be freshness and the good mood for sleep will be made.

▷ For the efficient usage install the unit where air be well ventilated

1. When trying to remove dusts and pollens, place the unit on the table and floor

-Because dusts and pollens slowly fall, if the unit is placed to the low place, you can more effectively use this unit.
If you use it only for this use, the operation for all day is recommended.

2. When you smoke

-Because the smokes vertically rise, you can more effectively use the unit if you place it to the low place.

▷ How to install

Install the wall plate with the regular distance from the right and left side against the ceiling.

-If the unit is placed to the wall, the wall or ceiling can be polluted.

-When manipulating or changing the filters, be careful of the front cover being dropped.

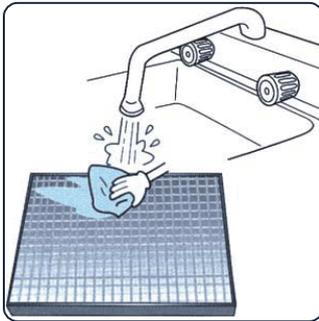
-Do not pull the power cord.

To prevent the drop of air cleaner the fixing screws for wall plate have to firmly be installed.

6. How to clean the Air purifier

▷ The cleaning of the prefilter

-Remove the dusts which attached to the front side with a vacuum cleaner or a soft brush.



- ◆ In case the level of contamination is high, use air cleaner after washing with clean water and dry it.

▷ The cleaning of the unit's outside body

-Rub it with soft and dried clothes

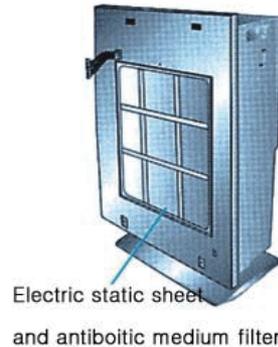
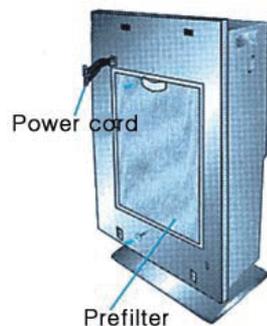
- ◆ In case the level of contamination, rub it with a bit wet clothes.



7. How to clean the filter and how to change it

When doing the filter cleaning and changing, surely remove the power cord from the wall outlet.

You can always enjoy clean and fresh air after you clean change filters at the right time.



1. Dismantle the front cover forwardly and open it safety device will operate

2. Remove the power cord, detach the prefilter and clean the unit.

3. Change the electric static sheet and antibiotic medium filter.

4. Change Nano-Silver composite HEPA filter

5. Composite deodorization filter

After Changing and cleaning filters, be sure to assemble them to the right place.
(The signal alarm works if the front cover is surely closed)