



AERO MINI



Green Technology Product



One Button Operation



Ambience Light



HEPA & Charcoal Filter



Low Power Consumption

USER MANUAL

1. Unpack

Take the device out of its package. Unwrap the bubble wraps.

2. Positioning

Set the device in a comfortable place anywhere in the room. The device works better from the center point of the room. You can place the device on the floor or any table if you are setting it up beside your couch. Make sure the adapter wire reaches your power supply gently and without hanging.

3. Plug in

Plug in the adapter to the outlet, and the DC jack to the lower part of the device. Let the adapter sit on the floor or table without hanging. If the device detects it's plugged in to power supply the switch ring will glow bright.

4. Turn On

Press the switch in the center of the glowing ring. The device is now on and filtering dusts and any harmful particles from your room air.

What is AeroTEK?

AeroTEK is designs green technology products for better and pollution free living.

What is Aero?

Aero Mini is a home Air filter device from AeroTEK. Other Air cleaning devices from AeroTEK are: Aero Mega for industries, and Aero City for Parks and Streets.

How does it work?

After turning the device on, it starts circulating the air from its surrounding to inside the device. In the device the air gets filtered through a HEPA and Charcoal fabricated filter. After passing through these layers of filters it lets out the filtered air in the room. And this operation is a continuous process filtering 255,000 L of air every hour. For a 100 sqf room it filters the whole room air about 9 times in an hour.

HEPA: High efficiency particulate air (HEPA), originally called high-efficiency particulate absorber but also sometimes called high-efficiency particulate arresting or high-efficiency particulate arrestance, is a type of air filter. Filters meeting the HEPA standard have many applications, including use in clean rooms for IC fabrication, medical facilities, automobiles, aircraft and homes. [Reference: Wikipedia "HEPA"]

ACTIVATED CARBON FILTER: This layer is use to filter out Dust, Allergen, Odor, Pet Dander, Smoke. Helps get rid of common allergy triggers including dust mites, pollen, mold, pet dander, as well as other small particles and pollutants.

How to change filter?

You need to vacuum clean the filter once in a month. If the filter is covered with dust and smoke it's better to change the filter. Aero mini filters lasts about two months. To order a filter simply call us at 01723753128 or inbox us at our Facebook page. To change the filter turn the device over, unscrew the four legs. The bottom plate will come out and the filter will appear. Pull the filter up with two index fingers. Do not use blower as it has all the dust and micro pollutants covered. Pull up the black active carbon filter. Install the new filters, put the plate in place and screw the legs back. Turn the device over to its normal position and use it safely.

How to clean the device?

Use a vacuum cleaner to reduce dust layers around the device. Open the filter chamber as mentioned above. Vacuum clean the filter and device interior gently. Wear a mask for health safety.

How much space area this device covers?

Upto 150 Sqf.

How much power does it consume?

10W

Is it water proof?

This device is made with eco material to reduce production and after-use pollution. Material is water resistant. As this is Air filtration device we strongly suggest not to spill water on it.

When should I change the filter?

If your room is air conditioned and if you do not smoke indoors, you can change the filter within 2-3 months. If your room is frequently accessible to outer air and dusts or if you smoke indoor, you need to change the filter every month. Our HEPA filter costs only 1150 Tk.

How long should I keep it on?

You can keep the device on from 6-8 hours at a time. Or for the hours you are inside the room. Turn it off if you are leaving the room, and during room cleaning services.

Where to service the product if damaged?

You can send it to us by calling or sending message to our Facebook inbox. We will service if required and send you back the device. Any parts change or repairing will cost you very minimum charges.

Does this device cover the whole house?

No, it only covers the room area it's located in. If you need multiple devices, please let us know.

Smoking indoors causes headache from the smoke and dust, does it help from it?

Yes, this device is designed to take the flying dusts and smoke and neutralize the harmful particles to provide you better air. Your condition will definitely get better. Please remember Smoking causes CANCER, Smoking Kills!

Do you have any other products?

We are working on various different products for better living. One of our product is Home Central Water Filtration Mechanism. And other product is mosquito eliminator. Stay in touch with our social media to get more updates on our innovations and products.

Why should I use an Air Purifier?

*Here are 15 reasons for you to get an Air Purifier
for your home from*



Image: American Center Hosting Aero for Awareness Class.

1. Allergies

For those who suffer from allergies, it is a debilitating condition that is triggered by the slightest exposure to dust or impurities in the air, especially if the allergens are airborne. Allergens such as pollen can cause a lot of discomfort particularly to those who are susceptible.

As such, an air purifier ensures the home environment is free of impurities allowing you a safe haven against the constant barrage of allergies. Air purifiers also help when the allergies are lethal due to hypersensitivity as they act not only to provide comfort, but also to provide protection.

2. Pets

Although keeping your pets clean helps reduce the risk associated with their shedding hair and dead cells, the problem of dander still comes up as it is very hard to maintain constant grooming of pets. Dander can cause reactions from people who have allergies.

It can also slowly build up within the lungs of those who keep the company of pets which can develop into major issues later on. With air purifiers, you'll be able to sift out all these dangerous particles and ensure long term safety your families while at the same time enjoying the company of your pet(s).

3. You live in an area where construction is ongoing

Areas near construction sites usually have a lot of dust in the air due to the action of construction workers and the tools that constantly disturb the ground. Dust can become a severe irritant by causing problems such as watering of eyes and sinus issues. It can also lead to dust allergies. Besides, the presence of the tiny dust particles in your home from nearby construction sites is associated with problems such as pulmonary complications and emphysema disease.

What's more, the abrasive nature of sand particles can have physical damage on the lungs and the mucus membranes that

line the respiratory system over time. This can lead to complications in breathing and even infections. By having an air purifier, you can get rid of most of these particles as long as maintenance is frequent and the filters are changed regularly.

4. Asthma or other respiratory complications

While air purifiers can help prevent some complications, they can also be used to manage others. Asthma and other respiratory complications tend to be aggravated by microbes and other particulates in the atmosphere. It leads to increased problems for those who are asthmatic and thus, it is imperative to install purifiers.

The reason for this is that air purifiers clean the air in a room thereby allowing those who suffer from asthmatic related complications to manage their conditions better. If you are asthmatic or suffer from other pulmonary complications, it's high time you get yourself an air purifier.

5. You suffer from an autoimmune disease

Autoimmune diseases such as pulmonary fibrosis spring up not because of any pathogens or particles, but from the body attacking its own cells. This can be devastating because the sufferer is more susceptible to attacks from other opportunistic pulmonary diseases such as tuberculosis and pneumonia.

Here is where an air purifier becomes handy. By sifting out probable disease causing pathogens and reducing the number particles that can cause irritation to your immune system, it becomes easier to manage complications.

6. Reducing exposure to secondary smoke and heavy traffic/industrial emissions

Emission from [secondary cigarette smoke](#), heavy traffic and industrial facilities is capable of causing diseases ranging from bronchitis to tumors that can lead to cancer. The particles in the emission can equally irritate the lungs and nasal passageways.

However, with an air purifier in your home, you can get rid of particulates from emissions thereby reducing the ill effects it causes. Also, having a purifier in room separate from a smoker's room can reduce the likelihood of the non-smoker from second hand smoke.

7. Your house has suffered water damage

Buildings built with stone and untreated wood can encourage the growth of mould on the event it suffers water damage. Black mould (*Stachybotrys*) in particular is dangerous if inhaled as the spores can cause serious allergic reactions. On top of this, the mould can produce mycotoxins which can disturb human health as it causes nausea.

Sometimes the mould grows in regions where it cannot be identified, for instance, beneath the floorboards or in the walls of the building. They then produce spores that can get into your home via the ventilation system. The installation of a purifier is an effective technique of reducing exposure to mould.

8. Smells/ Odours

Smells and odors can come from a variety of places due to various reasons. The effects of the smell can range from benign to nausea inducing variety. It is a problem mostly in houses that are old and neglected for a long time or those that have suffered damage like [fires](#) and flooding.

In such cases, the smell of smoke and wood rot is usually present in the air inside the building. An air purifier in your home has the ability to filter the air and get rid of nauseating odours allowing you to live a comfortable and fulfilling life.

9. Multiple Chemical Sensitivity

Multiple Chemical Sensitivity occurs due to an individual's long exposure to chemicals present in indoor air. An example is sensitivity to turpentine and its odor which is normally used as a paint thinner. You may also be overly sensitive to common household smells like that of bleach, sprays and detergents that reduce the quality of life indoors or even trigger pulmonary irritation. With an indoor air purifier, you can [improve indoor air quality](#) because it filters such chemicals from the air which allows you to live a quality life when at home.

10. Living quarters connected to a garage

When your room is next to the garage, complication can arise because of constant exposure to car fumes and exhaust as well as dust brought in by the car. The resulting complications can range from irritation of the airways and nasal passages to bronchitis. It is therefore necessary to acquire an air purifier if your living quarters is connected to a garage for you to avoid the associated health problems.

11. Pregnancy

If you are a pregnant woman, you are highly susceptible to complications originating from the inhalation of microbes and foreign particles in the air at home. Medics even argue that it can put the life of your unborn child at risk. A good example is the microbe [*Toxoplasma gondii*](#) which is hosted in cats and can be inhaled by a pregnant woman.

Once the microbe is in the body, it causes developmental complications in the fetus that may result in stillbirth. However, with the use of an air purifier, you are able to avoid such an incidence because some purifiers sifts out microbes as small as the *Toxoplasma* thus reducing the risks of exposure.

12. Small children

Children are extremely susceptible to diseases owing to their weakly developed immune systems. By having an air purifier within your household, it is possible to ensure the children are more protected from air borne diseases or conditions brought about by respiratory complications.

13. Chemical storage within your home

If you live in a home where there are a lot of chemical products, it is prudent to invest in an air purifier to protect your health in the long-term. Such chemicals including paints, sprays, solvents, bleaches or oils can make you prone to complications as a result of constant exposure, especially if they produce vapors.

14. You have a home office

What most people fail to notice about computers is that they also produce fumes and dust as they run the fans keeping them cool. Furthermore, you need a home office just has good [indoor air quality](#). It is therefore important to get an air purifier to protect yourself from air impurities for you to be productive in your home office.

15. You're looking to live a healthier lifestyle

While all the above reasons have merit, wanting a purifier for the sake of a [healthier lifestyle](#) is a fulfilling choice. Studies have shown that air purifiers have the ability to augment healthy living. You'll always be in good health by breathing in fresh and purified air.



Aero Mini Air Purifier



FABLAB Team with Aero



Aero Mega Air Purifier



Receiving BASIS National ICT Award 2018



Attending at International Conference in Nepal: Clean Air for South Asia



Meeting with team Air Visual



Taking a Session at IUB on Air Quality