

Air Purifier Info for Dummies

If you are in the dark about what air purifiers are and what they actually do, you are not alone. Many people have at least thought about the notion of improving their indoor air quality, but quickly abandon the idea because of the confusion surrounding the topic of air purifiers. Hopefully, after reading this article you will have a working knowledge of what air purifiers are, how air purifiers work, and what air purifiers can do to help improve the environment you live in and the air you breathe.

First of all, let's define the term air purifier. An air purifier is a mechanism that is designed to free air from contaminants. Different techniques are used to render this task and these include filters, adsorbents, and electrostatic charges. Asthma sufferers, those that have allergies, and those with other respiratory problems have the most to gain from an air purifier.

Air purifiers work by drawing these contaminants (pollutants, particles, and pollen) from within the air that we are breathing. Harmful air is pulled into the air purifier by the inlet grill. Some air purifiers have a pre-filter that helps contain the larger of the airborne particles. Air will then travel through the carbon filter which will help reduce unpleasant odors. Then the air will pass through another filter that is composed of many tightly woven fibers. Finally, the fan redirects the filtered air throughout the room.

There are several factors that must be taken into consideration to determine how much expense will be involved in the purchase of an air purifier. When considering cost, you must look into how much the replacement filters will run as well as how often they will need changed. What may appear to be a bargain up front on a less expensive model, could potentially cost you much more later on down the road. Also, it is important to see if you can order the replacement filters in bulk at a discounted rate. It is always a good idea to find out from the manufacturer what the estimated electrical usage will be and whether or not the air purifier runs on a cycle or does it have to stay on constantly.

At the end of the day, it is up to you to decide if an air purifier is right for you and your family, but hopefully the information contained here has given you a working knowledge on what exactly air purifiers are and how they work.

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About the Author

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