

**Q. What does the Lightning Air do?**

**A. It purifies the air in your home or office by breaking down pollutants.**

**Q. How does the Lightning Air purify air?**

**A. The Lightning Air reproduces the same effective cleansing agents that nature uses to purify the air.**

**Q. Is the Lightning Air an ionic purifier?**

**A. Yes. The Lightning Air uses a special negative ion generator with dual needle points to produce the ions. The ions cause dust and other particles to precipitate out of the air.**

**Q. How does nature produce ions?**

**A. Negative ions are created naturally by waterfalls, ocean waves and changes in the weather.**

**Q. How does activated oxygen work?**

**A. The Lightning Air uses electricity to split oxygen O<sub>2</sub> molecules into single O atoms which attach loosely to other O<sub>2</sub> molecules to become O<sub>3</sub> (activated oxygen). This loosely attached oxygen atom is unstable and seeks out chemical compounds and other pollutants and oxidizes them on contact.**

**Q. How does nature produce activated oxygen?**

**A. Ozone is created electrically during active thunderstorms. The electrical discharge creates a fresh clean smell that is very distinctive. Ozone is also created by ultraviolet rays from the sun.**

**Q. How do I know activated oxygen is being produced?**

**A. Ozone has a very distinctive smell. So the best indication is your nose. You should notice a very fresh clean smell in your home or office.**

**Q. Is ozone safe?**

**A. Yes, but as with anything, moderation is the key. Ozone in high concentrations can be irritating to mucous membranes and the respiratory system. If you smell Ozone and you walk into the room turn the purifier down. If you smell household odors you may turn it up for a period of time. [Click here to learn more about Ozone.](#)**

**Q. What is an ozone alert?**

**A. Ozone is an indicator of pollution. In cities there are alerts as a result of high pollution levels from hydrocarbons produced by the burning of fossil fuels. When ultraviolet rays from the sun strike the hydrocarbons, O<sub>3</sub> is one of the byproducts. Ozone can be easily detected and normally means there is also a high level of particulate in the air.**

**Q. How does it compare to air filters?**

**A. Lightning Air does not rely on the air to actually pass through the machine to be cleaned like conventional air filters. It's not a filter at all. The Lightning Air produces negative ions that cause particles to drop out of the air space. In addition, it has a built in sanitizer that attacks odor and other problem areas at their source.**

**Q. What maintenance is required?**

**A. The plates in the back are easily removed for cleaning. Simply wash the plates with soap and water, dry completely and replace.**

**Q. Where should I place the Lightning Air in my home or office?**

**A. The Lightning Air should be placed a few feet off the floor in the room where you have the most pollutants. The Lightning Air is easy to move so you might want to try it in a couple of locations to help decide what works best for your environment. Some customers prefer to have more than one unit to better control air cleaning in the home.**

**Q. How long will the Lightning Air last?**

**A. The Lightning Air is made of stainless steel and solid wood construction. Because of the quality material and superior craftsmanship that goes into each and every Lightning Air, you will enjoy it for many years.**

**Q. Is it difficult to install?**

**A. No. Just plug it in and set the dial for the area you will be treating. Install the Lightning Air in any room, but try to find a place where it can be up off the ground four feet or more.**