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*Backgrounder for media*

## **The Steril-Zone™ Air Cleaning Difference**

The following summary focuses on the key differences between the new Steril-Zone™ room air purifier and competitive units currently on the market. For further information, go to [www.steril-zone.com](http://www.steril-zone.com).

***It uses a patented germicidal UVC Emitter™.*** Most air purifiers do not use ultraviolet germicidal lamps. Without this technology, they simply cannot stop many infectious microorganisms. Even HEPA filters have limited effectiveness against viruses, which are the tiniest of parasites. And no filter can kill microbes: They simply collect on the filter and can be re-released back into the air. The UVC Emitter uses the most germicidal energy in the ultraviolet spectrum to penetrate even the tiniest microbes, destroying their DNA and RNA. Only UVC permanently and effectively stops harmful microorganisms, no matter how small.

***It attacks all three categories of irritants and pollutants.*** Many air purifiers claim to remove allergens and odors/VOCs – but not viruses or bacteria. Steril-Zone captures *all three types* of pollutants with its three-stage purification zone.

***It uses an extended life carbon filter.*** Many activated carbon filters have to be changed often because the carbon is quickly “used up” as it adsorbs VOCs and odors. Steril-Zone uses a

patented process to break down VOCs that the carbon traps, extending the carbon filter service life so that it lasts as long as the other air cleaning components.

***It is safe and ozone-free.*** Ozone is proven to be harmful because it can damage the respiratory system. *Steril-Zone produces no ozone or other secondary contaminants.*

***It provides superior air movement.*** To clean the air, you must move the air through the air purifier. Many units have little or no air flow through the device. Steril-Zone has a commercial-grade fan that can move air at up to 250 cfm with an air exchange rate of up to five (5) changes per hour in the average room.

***It cleans 1,000 square feet – greatly surpassing the air cleaning capacity of most room air purifiers.*** Compact but powerful, Steril-Zone can do the job of two or three competitive units, saving money and energy.

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