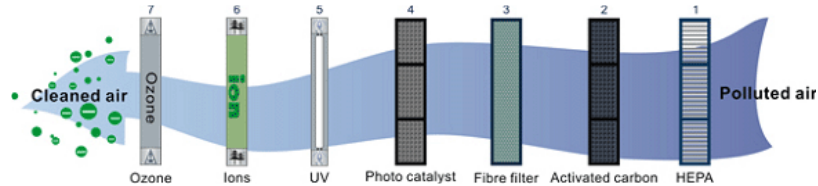


### Technology



- **UVC sterilization:** Built in UV lamp, with the 254nm wavelength, it's very effective on the sterilization of all kinds of bacterial include the flu virus. The sterilization is more than 97.6%?
- **Photocatalyst:** The photocatalyst (TiO<sub>2</sub>) could activate the chemic action under the normal temperature with the help of the ultraviolet light (UV). The energy of the UV light could blaze the molecules around the photocatalyst to be Hydroxyl free radical. These hydroxyl is the best oxidation, it could destroy the red cell of the viruses and kill the virus.
- **HEPA filter:** It could absorb the particulate such as spittle and other particulate. It could cut off the transmit of the virus. The purification efficiency of HEPA filter is more than 99.97%.
- **Activated carbon filter:** it could absorb the harmful gas like formaldehyde and benzene in the air with efficiency more than 95%.
- **Fibre filter:** it could remove the TVOC in the room effectively, with efficiency more than 98%.
- **Aluminum static plasma filter:** Its purification for dust is more than 99.9%
- **Ions:** The ion is well known as the "Air vitamin", it could improve the air quality. It's effective in guard against the fever and respiratory disease. Also, it could improve the human immunity.

Keyword: Atlanta Air Purifying technology

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