POLLUTION ABSORBING DEVICE

The primary focus of air pollution regulation in industrialized countries has been on protecting ambient, or outdoor, air quality. This involves the control of a small number of specific “criteria” pollutants known to contribute to urban [smog](https://www.britannica.com/science/smog) and chronic [public health](https://www.britannica.com/topic/public-health) problems. The [criteria](https://www.merriam-webster.com/dictionary/criteria) pollutants include fine particulates, [carbon monoxide](https://www.britannica.com/science/carbon-monoxide), [sulfur dioxide](https://www.britannica.com/science/sulfur-dioxide), nitrogen dioxide, [ozone](https://www.britannica.com/science/ozone), and [lead](https://www.britannica.com/science/lead-chemical-element). Since the end of the 20th century, there also has been a recognition of the hazardous effects of trace amounts of many other air pollutants called “[air toxics](https://www.britannica.com/topic/air-toxic).” Most air toxics are organic chemicals, [comprising](https://www.merriam-webster.com/dictionary/comprising) molecules that contain [carbon](https://www.britannica.com/science/carbon-chemical-element), [hydrogen](https://www.britannica.com/science/hydrogen), and other atoms.there some absorbent and gas detecting sensor.The device works on two principles mainly wind generation for dilution of air pollutants and active pollutants removal. It has filters for particulate matter (PM) removal and activated carbon (charcoal) and UV lamps for poisonous gases removal such as Volatile organic compounds (VOCs) and Carbon Monoxide. It has one fan and filter for sucking and removing PM. It also has two UV lamps and half kg of activated carbon charcoal coated with special chemical Titanium Dioxide.Air pollution can be prevented only if individuals and businesses stop using toxic substances that cause air pollution in the first place. This would require the cessation of all fossil fuel-burning processes, from industrial manufacturing to home use of air conditioners. This is an unlikely scenario at this time. However, we have to make rules which set stringent regulations on industrial and power supply manufacturing and handling. The regulations are to be designed to further reduce harmful emissions into the Earth's atmosphere