



## WHAT IS ORIGEN AIR?

**Origen Air** (<https://www.origenair.com/>) creates bioengineered “enhanced plants” that metabolize dangerous airborne toxins such as volatile organic compounds (VOCs) to naturally clean and purify indoor spaces for higher air quality and an improved environment.



## WHAT DOES ORIGEN AIR DO?

Origen Air creates indoor air quality solutions through specially bioengineered plants that are able to break down certain airborne toxins. These enhanced plants have been developed by scientists at the University of Washington’s Civil and Environmental Engineering Department and work to eliminate carcinogenic toxins like chloroform and benzene from air through an active enzyme in the plant that bonds pollutant molecules to air molecules, thus de-toxifying the air molecule. Customers can monitor the performance of their Origen Air living wall products via Origen Air’s

web-based Air Purification Operating System.

**Origen Air can help its users:**

- ☑ install living wall purification systems suitable for large indoor spaces to improve air quality and the overall environment
- ☑ install air farms suitable for rooftop HVAC integration for businesses looking to remove airborne pathogens while reducing HVAC expenditures
- ☑ provide Fresh Air Service Technology (FAST) to add a natural atmosphere to indoor spaces, while also improving air quality
- ☑ monitor indoor air quality using the web-based Air Purification Operating System and provide reports as needed
- ☑ monitor and report on VOC levels in the air, providing insights into potential energy savings
- ☑ access built-in artificial intelligence and communications software that enables control, recording, and reporting of air purification efforts





## **WHY DOES ORIGEN AIR DO WHAT THEY DO?**

Origen Air revolutionizes the air purifying industry by providing customers with natural air purifying solutions that are bioengineered to remove harmful toxins from the air. The company works to make air purification more common and more natural, citing that most people are largely unaware of the amount and types of toxins they are breathing in on a daily basis. Origen Air's solutions remove certain airborne toxins better than existing air purifier systems in a more natural, sustainable, and aesthetically pleasing way.

## **WHERE IS ORIGEN AIR?**

Origen Air is based in Victoria, BC and works with clients throughout North America.

## **ORIGEN AIR'S CLIENTS**

Origen Air works with commercial clients looking to improve their indoor environments using beautiful natural air purification technologies. Their solutions can be applied in offices, airports, universities, banks, or any other indoor space to provide healthier air quality and monitoring capabilities.

## RELEVANT LINKS

- [Genetically modified houseplant cleans indoor air \(https://www.nih.gov/news-events/nih-research-matters/genetically-modified-houseplant-cleans-indoor-air\)](https://www.nih.gov/news-events/nih-research-matters/genetically-modified-houseplant-cleans-indoor-air)
- [Rabbit gene turns houseplant into air detoxifier \(https://www.cnn.com/2018/12/21/health/potho-toxic-gases-scli-intl\)](https://www.cnn.com/2018/12/21/health/potho-toxic-gases-scli-intl)
- [How Eliminating Indoor Air Pollution Can Save Your Life in 2021 \(https://www.origenair.com/post/eliminating-indoor-air-pollution-2021\)](https://www.origenair.com/post/eliminating-indoor-air-pollution-2021)
- [Genetically Modified Plants Vacuum up Toxins \(https://www.reuters.com/article/us-plants-toxins-idUSN1525312420071015\)](https://www.reuters.com/article/us-plants-toxins-idUSN1525312420071015)

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Alacrity's services and support include expert business mentorship, facilitating introductions to a truly international network of industry and governmental partners, and coaching to optimize marketing and sales activities. The **Alacrity Cleantech Program** (<https://alacrity.bleepinggood.com/cleantech/>) specializes in a demand-driven approach to discovering new business opportunities in foreign markets that have demonstrated interest in and suitability for clean technologies.