

WHY AIR QUALITY?

TRONICOS AIR QUALITY



AIR POLLUTION

The detrimental effects of air pollution on human health in both indoor and outdoor settings are a source of alarm due to the elevated risk of exposure.

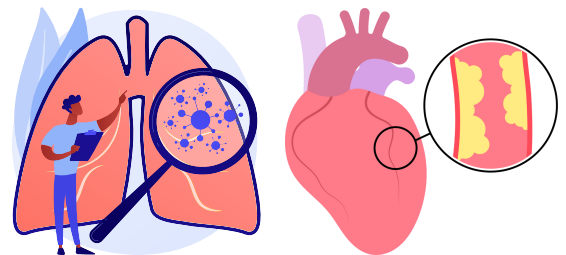


INDOOR AIR POLLUTION

Indoor air pollution is often twice as high as outdoor pollution; however, it has traditionally received less attention (González-Martín et al., 2021)

INDOOR AIR QUALITY

Indoor air quality (IAQ) has an impact on multiple health outcomes, including respiratory and cardiovascular illness, allergic symptoms, cancer, and premature mortality (Vardoulakis et al., 2020).



ENSURE A HIGH INDOOR AIR QUALITY !

Individuals spend 80-90% of their life within air-tight edifices (González-Martín et al., 2021) we have decided to address this issue by designing a mechatronics system that facilitates the monitoring of temperature, humidity, LPG, Alcohol, Propane, Hydrogen, and Carbon Monoxide within office environments