

What is Sick Building Syndrome?

Sick Building Syndrome occurs when building occupants experience health issues or discomfort associated with the time they spent in a building. In general, these symptoms cannot be traced to a specific cause, but occupants will state that leaving the building will relieve their symptoms.



What is the main cause of Sick Building Syndrome?

Ventilation and air contaminants are the main cited sources that contribute to Sick Building Syndrome. Biological contaminants like bacteria, mold, and viruses are common in indoor environments, especially those that are overcrowded and inadequately ventilated. Indoor transmission of various disease can result in serious illness for building occupants.



How does PUREMOTION help fight Sick Building Syndrome?

- **Sterilizes:** The PureMotion IPMU1 device use UVC technology to provide continuous air sterilization of airborne bacteria and viruses, including COVID-19 and variants. Click [here](#) for press release information
- **Mitigates:** PureMotion uses air moving technology to significantly reduce allergies, odors, and mildew/mold without filters that require frequent replacement
- **Regulates:** PureMotion technology helps balance air temperature throughout the space causing HVAC load reduction and reducing your carbon footprint
- **Creates ACH:** Increases Air Changes per Hour causing air to rotate more frequently in a space. Additional ACH helps keep fresh air always moving throughout the space



RESOURCES:

- https://www.epa.gov/sites/production/files/2014-08/documents/sick_building_factsheet.pdf
- <https://www.osha.gov/laws-regs/federalregister/1994-04-05>

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