

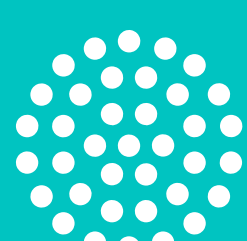
What's in your home's air?

Your home should be a safe HAVEN

Optimized for safety, health, cleanliness and productivity.

Our indoor environments are increasingly designed and constructed with energy efficiency in mind. This means tighter building envelopes and regulations that aren't optimized for human health.

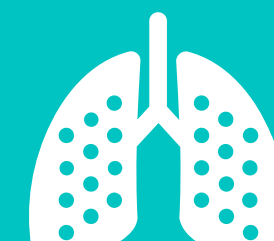
The result? Inadequate filtration and ventilation in the majority of homes, leading to poor indoor air quality (IAQ).



Indoor Pollution is **2-3 times WORSE** than outside air



We spend over **70%** of our lives at home



The average adult breathes over **3,000 GALLONS** of air per day



Indoor air pollution ranks as one of the **TOP 5** environmental dangers



Over 50% of single family homes have a family member with a respiratory condition



Occupants at higher risk include **children, the elderly, and those with chronic respiratory conditions**

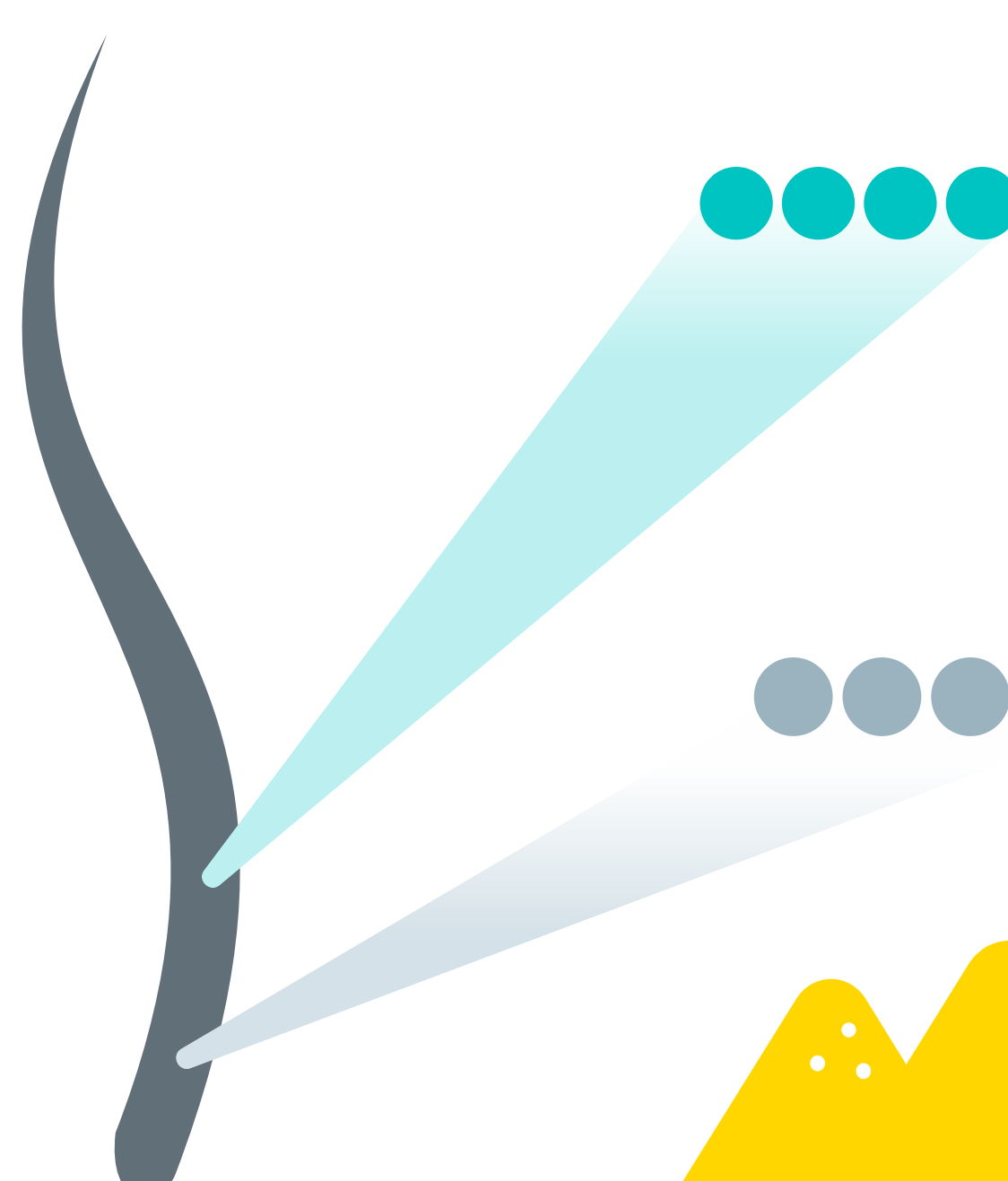
*Sources: US EPA and Energy Star



Common items in your living space like carpets and furniture produce airborne pollutants. Along with everyday activities such as cooking and cleaning, these contribute to poor indoor air quality (IAQ) which can lead to compromised health, cognition, sleep quality, and productivity.

IAQ and your health

PM 2.5 is especially dangerous and highly hazardous to human health, due to its microscopic size (about 3% the diameter of a human hair). Since they are so small and light, fine particles tend to remain in the air, which increases the risk of being inhaled into the lungs. They can even enter directly into the circulatory system.



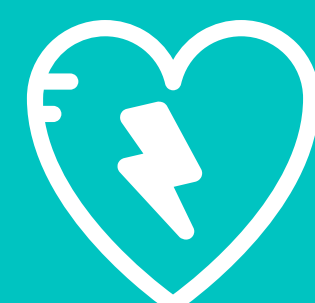
Human Hair
50-70 μm^*

PM2.5 - combustion particles, organic compounds, metals, etc. <2.5 μm^*

PM10 - dust, pollen, mold, etc <10 μm^*

Fine Beach Sand
90 μm^*

* (microns) in diameter



Respiratory diseases, heart disease, and cancer

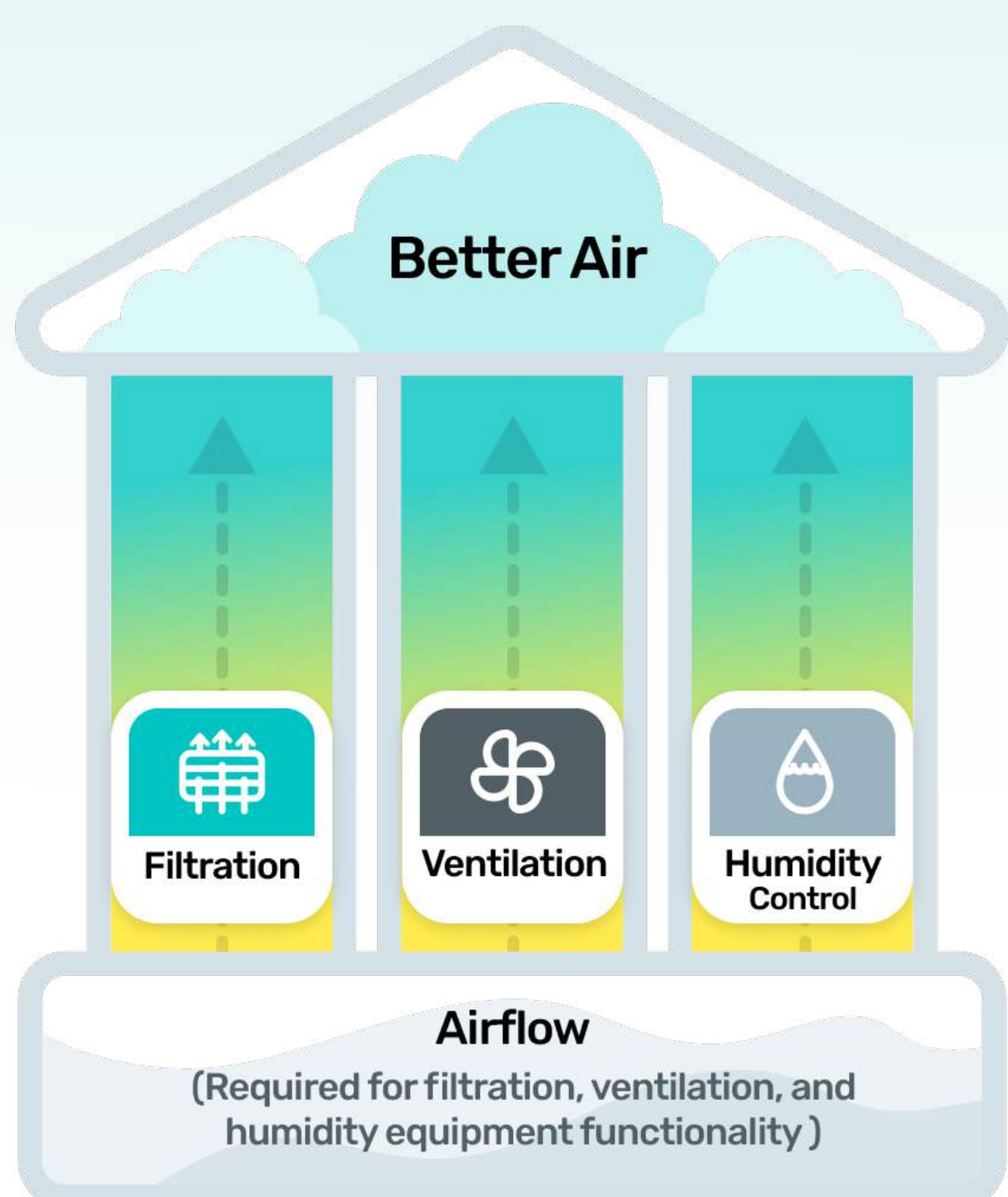


Headaches, dizziness, and fatigue



Irritation of the eyes, nose, and throat

The 3 Pillars of IAQ



Filtration

Your **filtration** system helps capture airborne particles on a whole-home scale unlike room air purifiers, which only service one room at a time.



Ventilation

Proper **ventilation** replaces stale air with new outdoor air — removing any built up chemicals from off-gassing, and CO2 from breathing.



Humidity Control

Humidity control creates a comfortable and safe environment while preventing mold growth and damage to your home's structure and furnishings.



Airflow

The foundation of your home's air quality is **airflow**. Without airflow, the equipment that manages these 3 pillars can't function effectively.



We envision a future where our indoor spaces are safe HAVENS. Through reliable data, detection, and automated equipment controls, HAVEN can transform your home's HVAC system into the ultimate smart home solution.

Let's turn your home into a HAVEN.

Your home, your health, your HAVEN.

Available now through your trusted home services professional. Visit www.haveniaq.com for more info.