

Anatomy of a Healthy Building



Humidity & Temperature

Humidity & temperature levels impact the comfort level of a room; and, levels that are too high have been known to lead to mold growth. JBG SMITH buildings **monitor humidity & temperature levels to maintain ASHRAE and EPA-recommended range.**



Touchless Technology

JBG SMITH has installed **features and technologies in our buildings that reduce touchpoints**, which helps decrease the chances of spreading germs and other microbes.



Air & Water Quality

JBG SMITH **proactively tests air & water quality annually.** We regularly test Indoor Air Quality (IAQ) for pollutants like airborne particulates, VOCs and CO2. We also routinely conduct water tests for legionella and lead.

Tenant Service Center

Our team of engineers monitor, control, and **optimize air quality and energy consumption** from one location 24/7/365



Cleaning

In partnership with our environmental consultant, HP Environmental, JBG SMITH has developed a strategy for **cleaning, disinfecting, and sanitizing the common areas and high-touch surfaces** in our buildings.



Filtration

JBG SMITH buildings are **equipped with a minimum of MERV 13 filters** to reduce contaminants in the air to protect your health.



Ventilation

In line with ASHRAE guidance and seasonality requirements, JBG SMITH buildings introduce **fresh air throughout the day.** As a standard practice, we conduct a morning flush 30 minutes prior to occupancy.



Why Healthy Buildings Matter

DID YOU KNOW?

The average American spends **90% of their time indoors.**¹

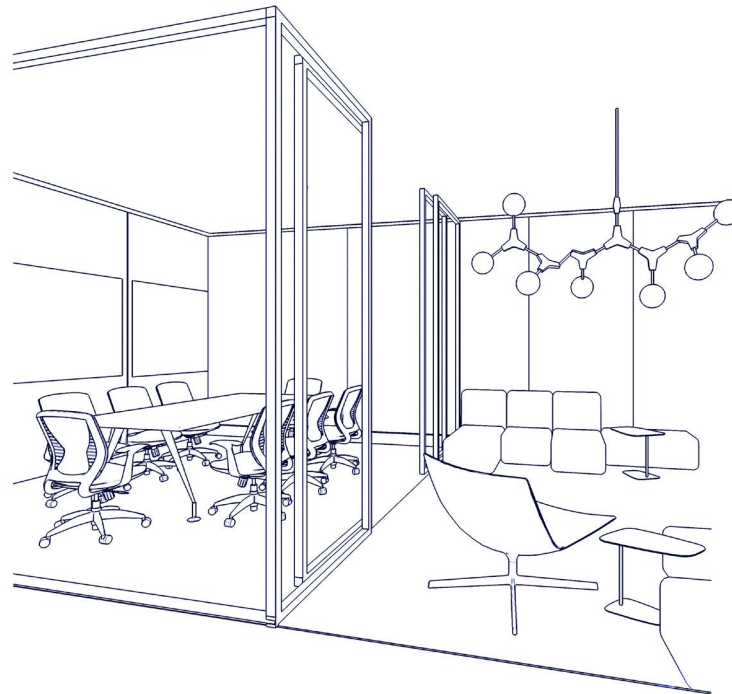
Research shows that human health benefits from increased ventilation include improved decision-making and increased productivity. In addition to yielding cognitive benefits, improved ventilation has been shown to reduce absenteeism and improve the overall health of employees.



Employees in healthy, energy-efficient buildings take an average of **three fewer sick days per year, saving more than \$1,200** in productivity.²



It has been proven that when temperature and humidity levels are optimized **employee productivity increases by 5.4%** due to reduced headaches and improved attention spans.⁴



Workers score 61% higher on cognitive tasks when performing in environments with highly effective filtration (MERV 13) and optimal ventilation.³



HVAC System upgrades can remove up to 25% allergens, toxins, and microbes from the air, resulting in **30% fewer headaches and respiratory complaints by employees.**⁴

