

# Benefits of Plant Walls



## Improved Air Quality

Green walls act as natural air purifiers, filtering out pollutants and releasing oxygen into the environment, creating cleaner, fresher air.



## Temperature Regulation

Green walls provide natural insulation, helping to regulate indoor temperatures. They can keep buildings cooler in the summer and warmer in the winter, reducing energy consumption.

## Green Walls For Your Health

"Based on our findings, air-circulating green walls alter the microbiome and modulate the immune system among office workers. Air-circulating green walls have potential in promoting microbiological diversity and human health in built environments..."

Indoor green wall affects health-associated commensal skin microbiota and enhances immune regulation: a randomized trial among urban office workers  
[Scientific Reports](#) volume 12, Article number: 6518



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## Enhanced Aesthetics

They add a touch of natural beauty to urban environments, transforming dull walls into vibrant, living works of art that can improve the overall aesthetics of a space.

## Noise Reduction

The vegetation on green walls can absorb and deflect sound, making them effective noise barriers in busy urban areas.



## Biodiversity Promotion

These vertical gardens can support various plant species, attracting pollinators like bees and butterflies, thereby contributing to local biodiversity.

## Stress Reduction

Interacting with nature, even in urban settings, has been shown to reduce stress and improve overall well-being. Green walls offer a convenient way to experience the benefits of nature.

## Green Walls For Our Students

“Numerous studies in applied pedagogical design have shown that, at all educational levels, direct exposure to the natural environment can enhance learning by improving student attention and behaviors. Implementing green walls—a “vertical garden,” or “living wall” interior wall that typically includes greenery, a growing medium (soil or substrate) and a water delivery system—provides environmental health benefits, but also provides a practical application within classrooms for minimizing directed attention fatigue in students by connecting them to “outdoor nature” within the indoor environment.”

Implementing Green Walls in Schools  
Front. Psychol., 06 June 2018  
Sec. Educational Psychology  
Volume 9 - 2018