

THE CLEAN AIR DOME

BROADWELL'S SOLUTION FOR HIGH AIR POLLUTION AREAS



Air pollution **kills 3 million people** annually. Every year it leads to the deaths of more children than malaria and HIV/AIDS combined.

(UNICEF and the World Health Organization)

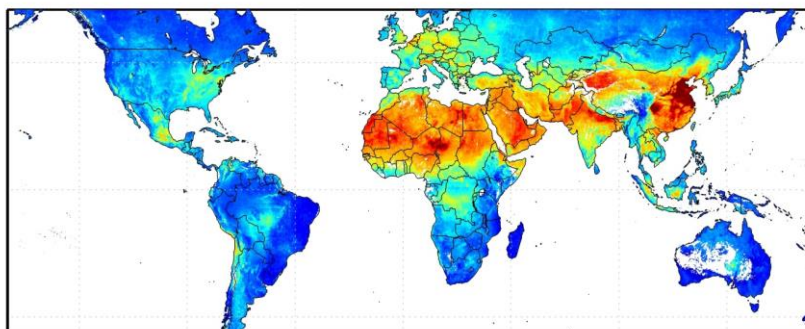
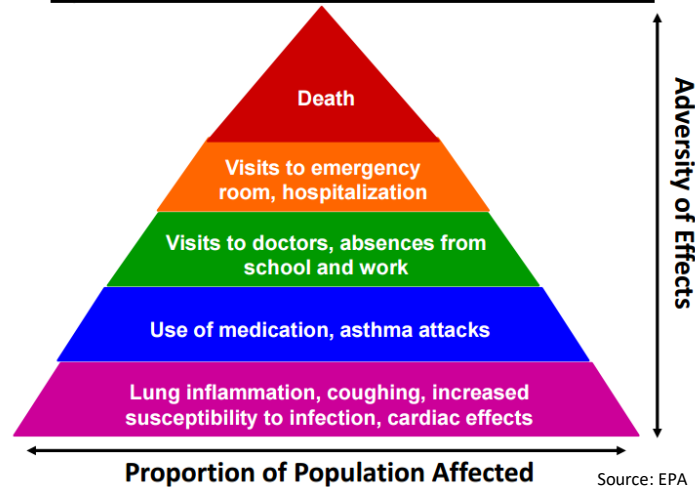


More than 2 billion children live in places where outdoor pollution exceeds safe air quality guidelines.

As air pollution across the globe worsens, the need for clean air environments becomes more critical in protecting our children's health. Broadwell's air domes include a state-of-the-art air filtration system that provides a safe haven for children during physical activity.

Many schools in highly polluted cities are using Broadwell domes to protect their students. CNN did an entire news segment on two of our "pollution domes". Learn more below!

Pyramid of Health Effects from Air Pollution



0 5 10 15 20 50 80

Satellite-Derived PM_{2.5} [$\mu\text{g}/\text{m}^3$]

Source: Dalhousie University

Air pollution—typically measured "PM_{2.5} levels" or levels of extremely small particulate matter (2.5 microns wide)—causes a wide variety of short-term and long-term health issues. Children are especially susceptible, as their lungs are still developing and they are more active than adults.

Among the top 50 most polluted cities in the world, 22 are in **India** and 8 are in **China**.

Broadwell's clean air

pollution domes have made a tremendous positive impact in the lives of students and their families at several international schools. They have been widely praised by the media, including international media outlets such as CNN, who did a news segment on the benefits of Broadwell's pollution domes at the International School of Beijing.

One American doctor who worked in Beijing extolled Broadwell's pollution domes, calling on more schools in highly polluted areas to take action:

"I think it's not just prudent to take action, it is in fact morally obligatory for local schools to protect their students."

~Richard Saint Cyr, MD

www.myhealthbeijing.com

"School Pollution Domes: Let the Building Boom Begin"



Chinese school builds clean air dome

The International School of Beijing is taking extraordinary measures to protect their children from pollution. David McKenzie reports. Source: CNN








INTERNATIONAL SCHOOL OF BEIJING POLLUTION DOMES



WAB INTERNATIONAL POLLUTION DOME



Advantages of a Broadwell Air Dome

- 
Healthy Air: Almost 100% of bacteria and pathogens are removed by our filtration systems. Odors are almost completely eliminated.
- 
Low Initial Investment: Broadwell air domes are a fraction the cost of traditional buildings.
- 
Energy Efficient: Ongoing operating costs are 30% of traditional buildings.
- 
Strong and Safe: Broadwell's patented cable net system reinforces the dome and can be engineered to handle wind loads of up to 150mph and snow loads of up to 50psf.
- 
Perfect Safety Record: We are the only major dome manufacturer to never have a catastrophic dome failure.



Contact Us About Acquiring Your Air Dome!

1-844-759-3663

info@broadwellairdomes.com

