

Indoor Air Biofilters

Giving you . . .

Clean air, naturally

Poor Indoor Air Quality

- US EPA has ranked indoor air pollution in top five threats to public health
- One of the largest health risks in the United States
- Sick building syndrome is on the rise.

NEDLAW
LIVING WALLS



We are an indoor species



Improving the indoor environment with natural systems... thank you once again for saving us mother nature!!!!

Clean air, naturally.™

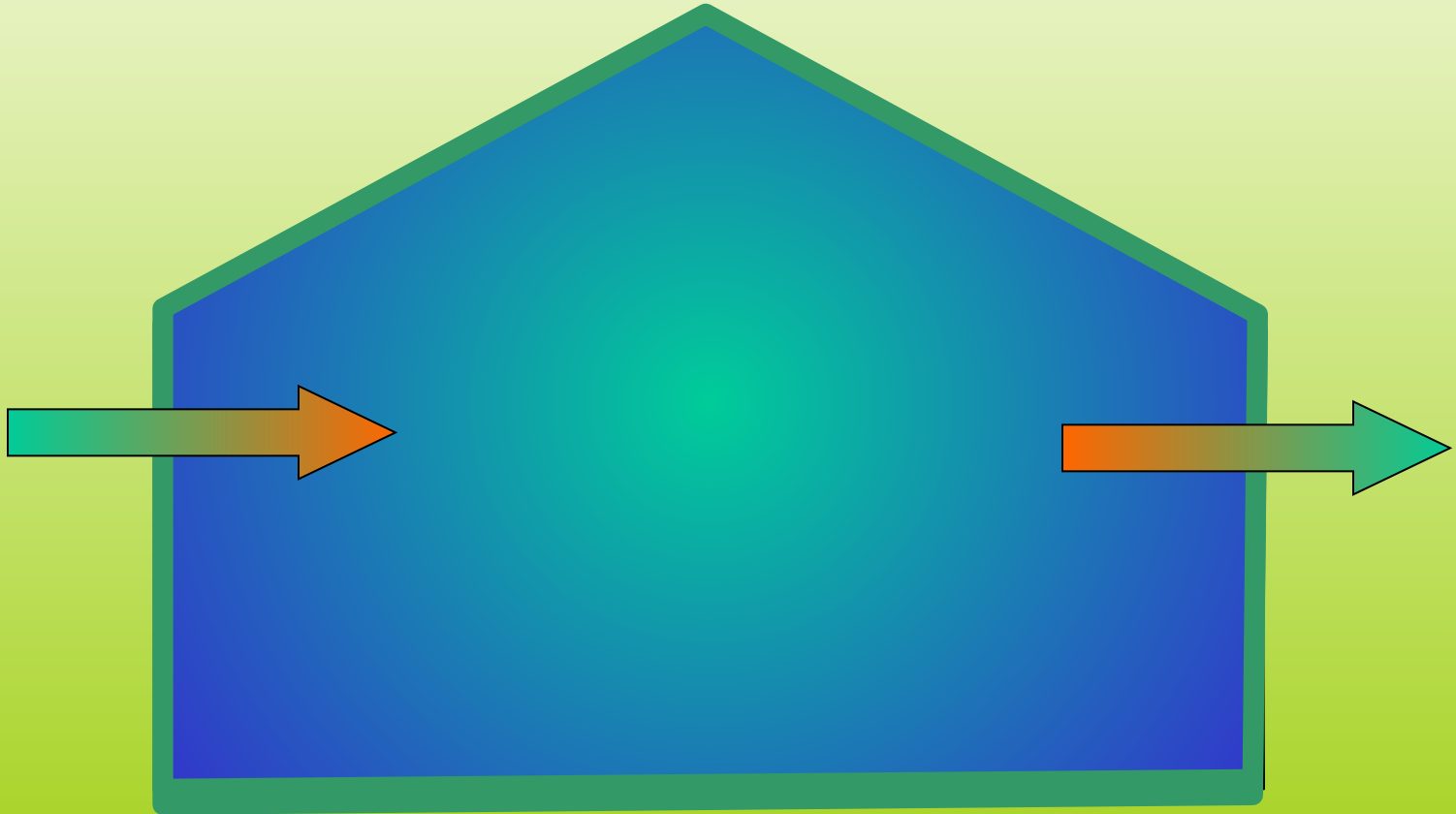


INDOOR AIR BIOFILTERS:

**Changing Our Indoor
Environment, NATURALLY and
ORGANICALLY!!**

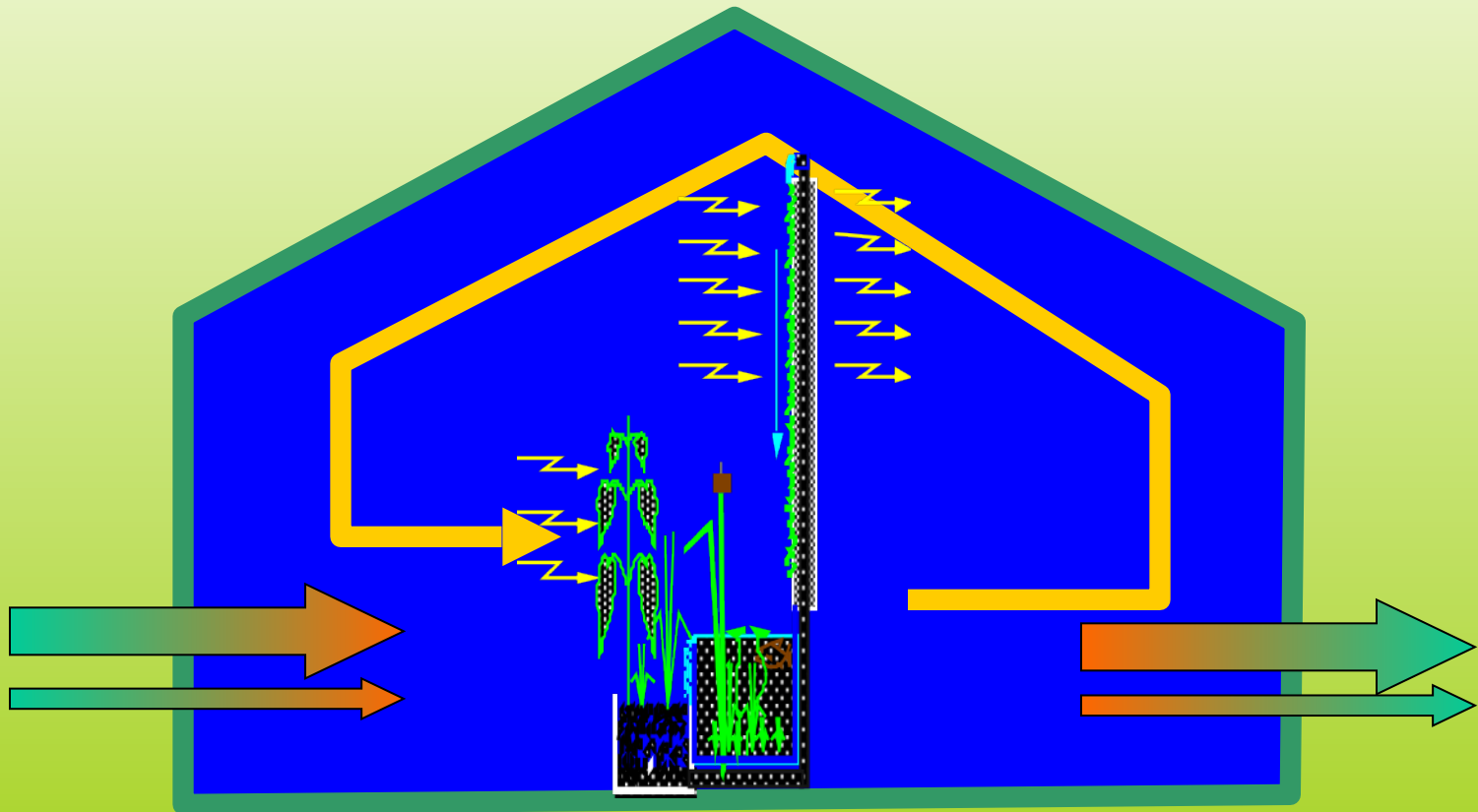


Traditional Air Quality Control



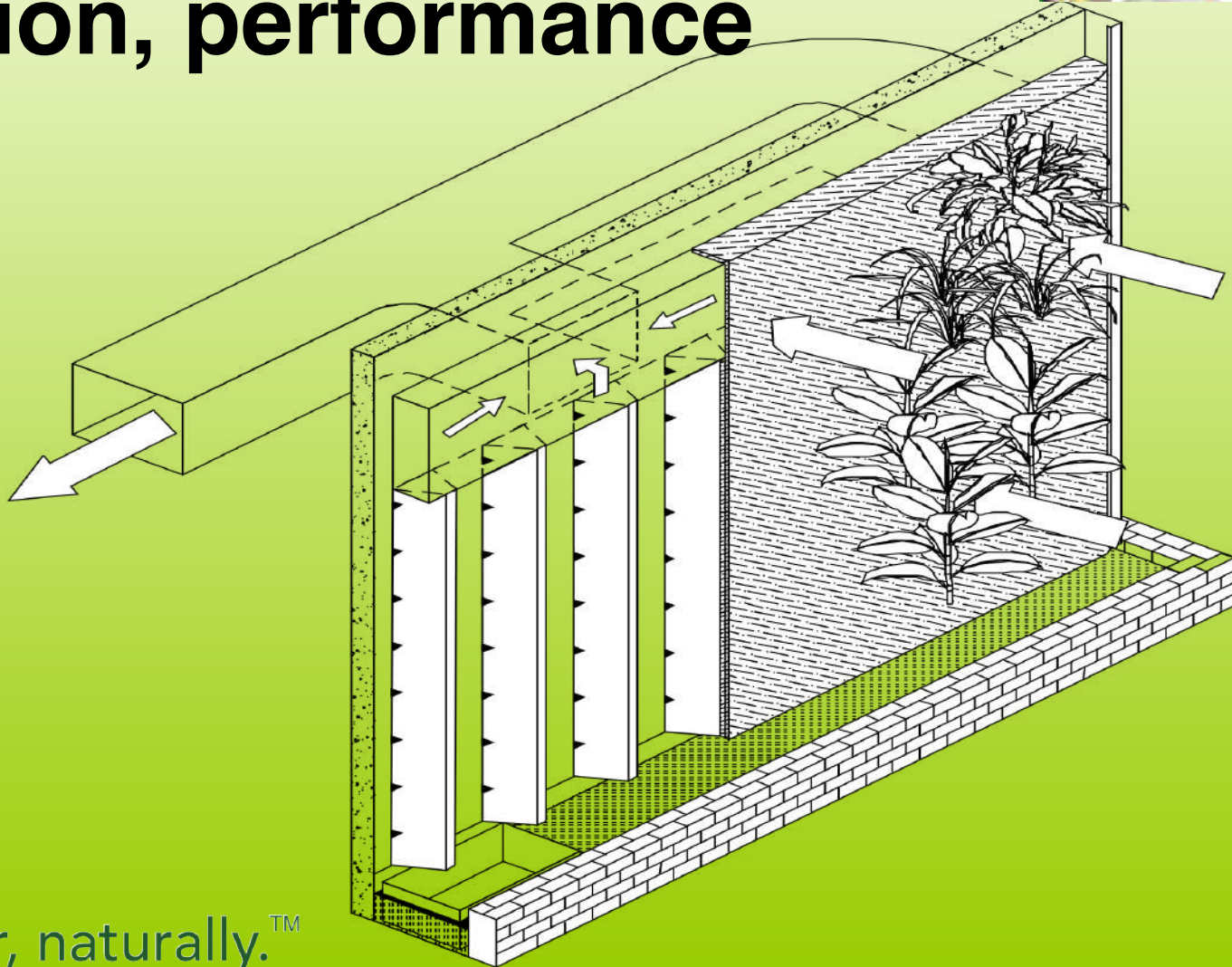


Alternative Approach





The Nedlaw Indoor Air Bio-filter: Beauty function, performance

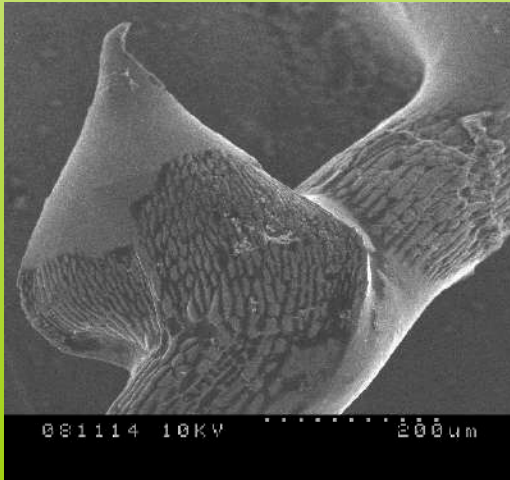
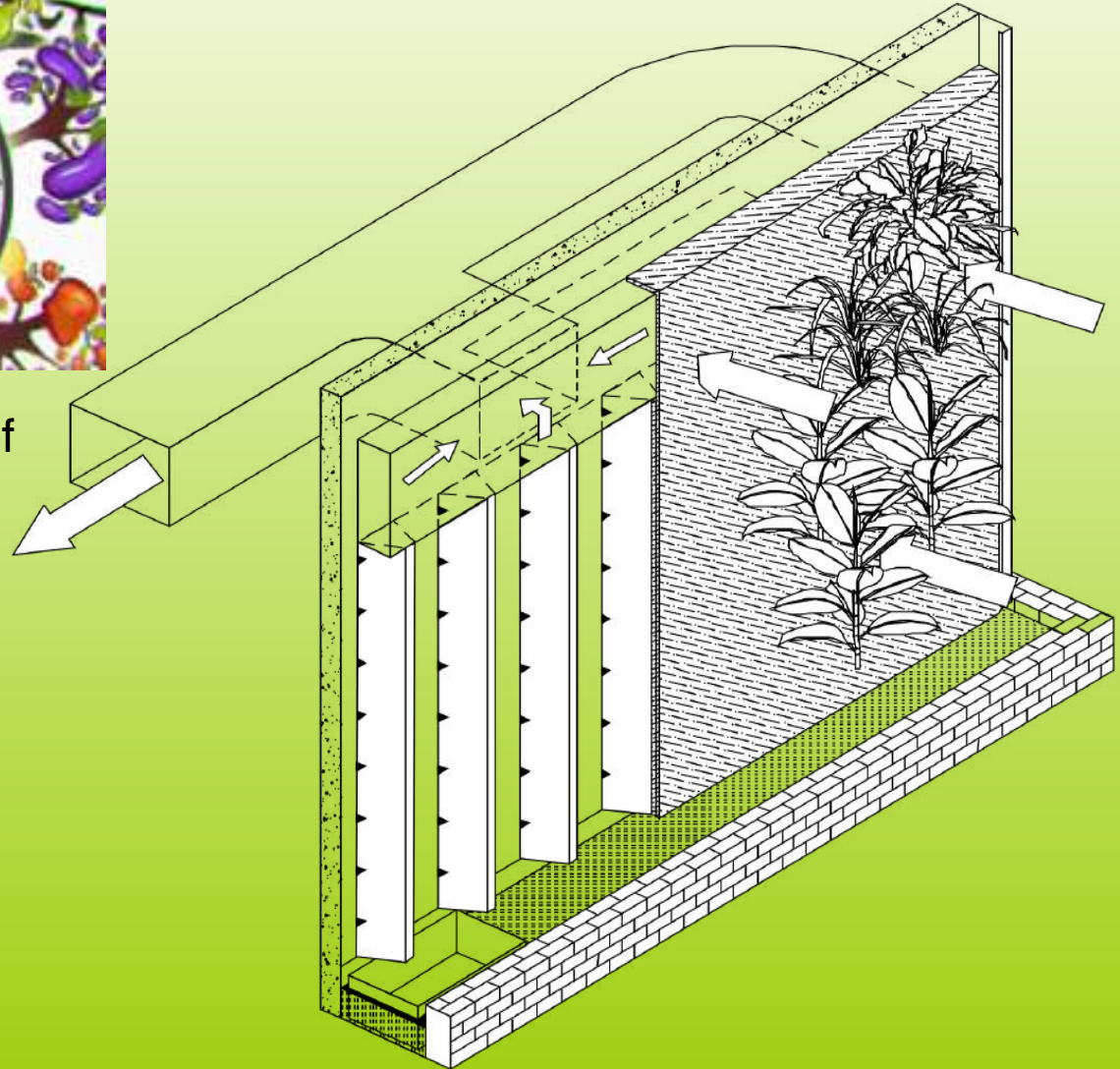


Clean air, naturally.™

The Nedlaw Indoor Air Bio-filter



Beneficial microbes on surface of the plants degrade pollutants
.....*NOT the plants themselves*



Clean Air Delivery Rate



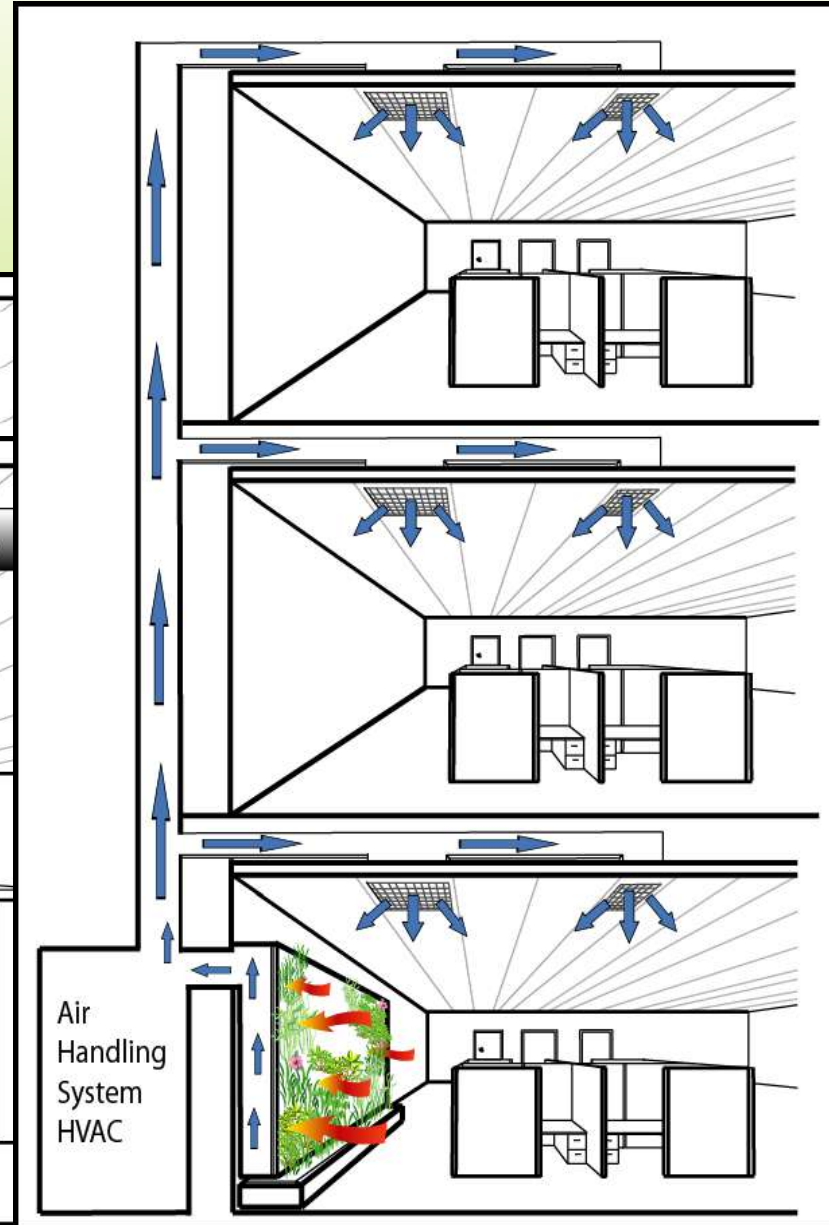
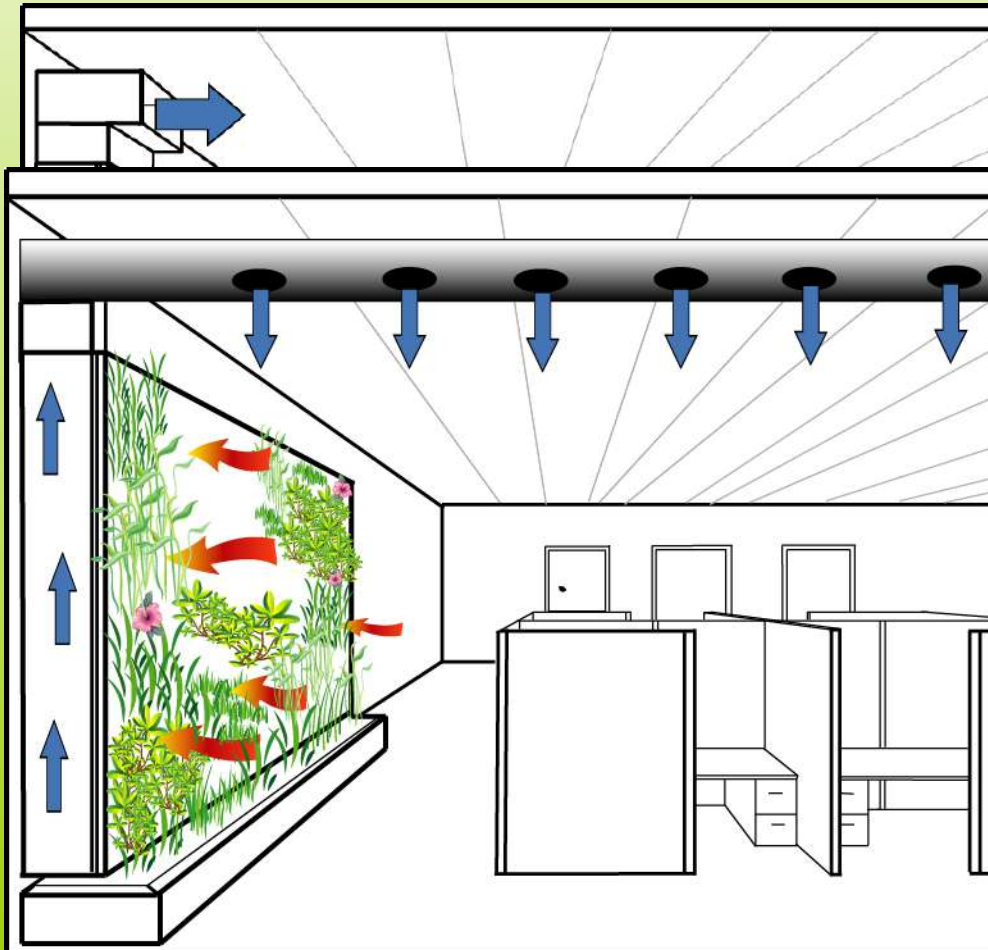
- Recent study with major Canadian University
- Biofilters provided up to 100 litres of clean air per second per square metre of biofilter



Clean air, naturally.™

Air Handling

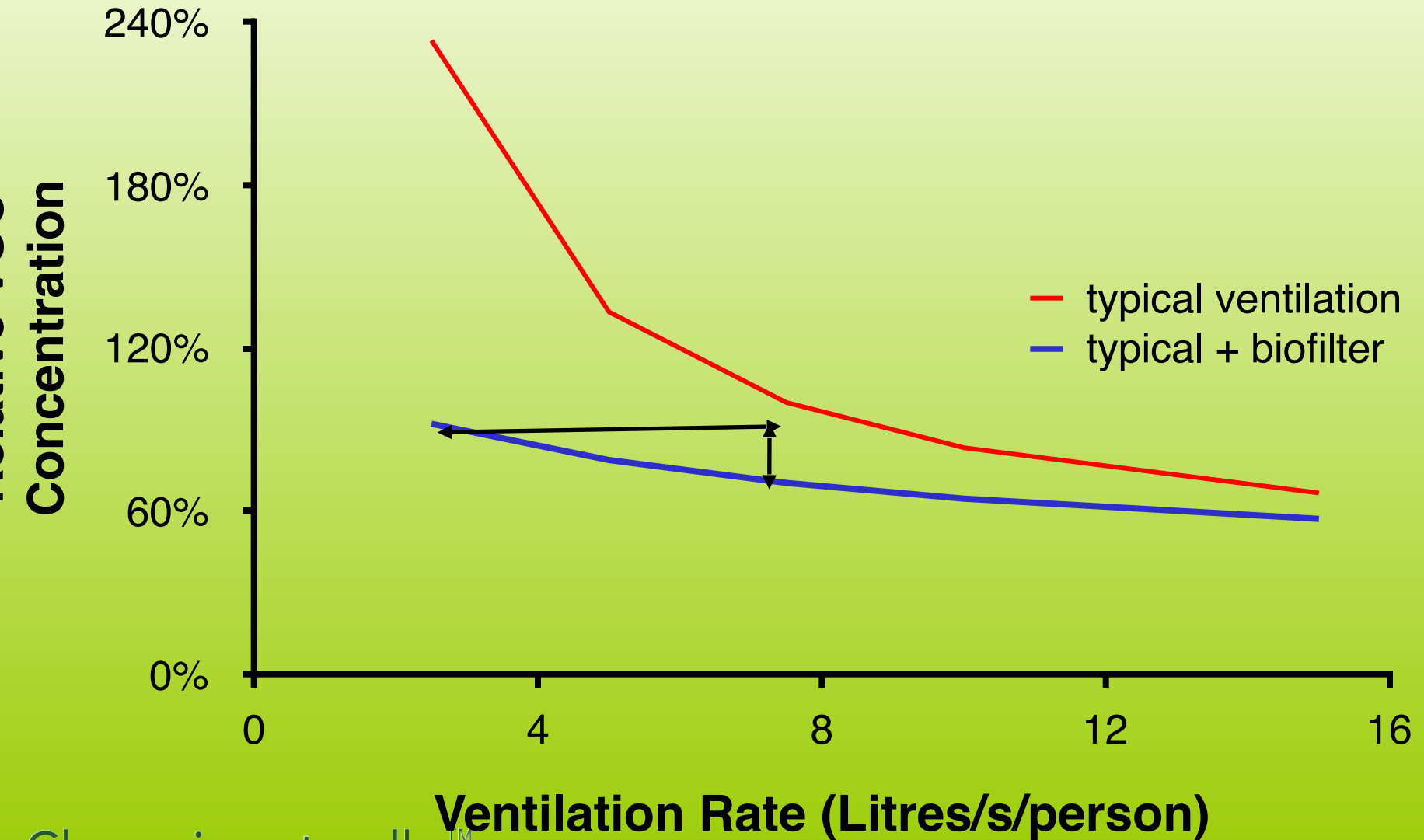
Sites with built in fan
Sites connected to HVAC



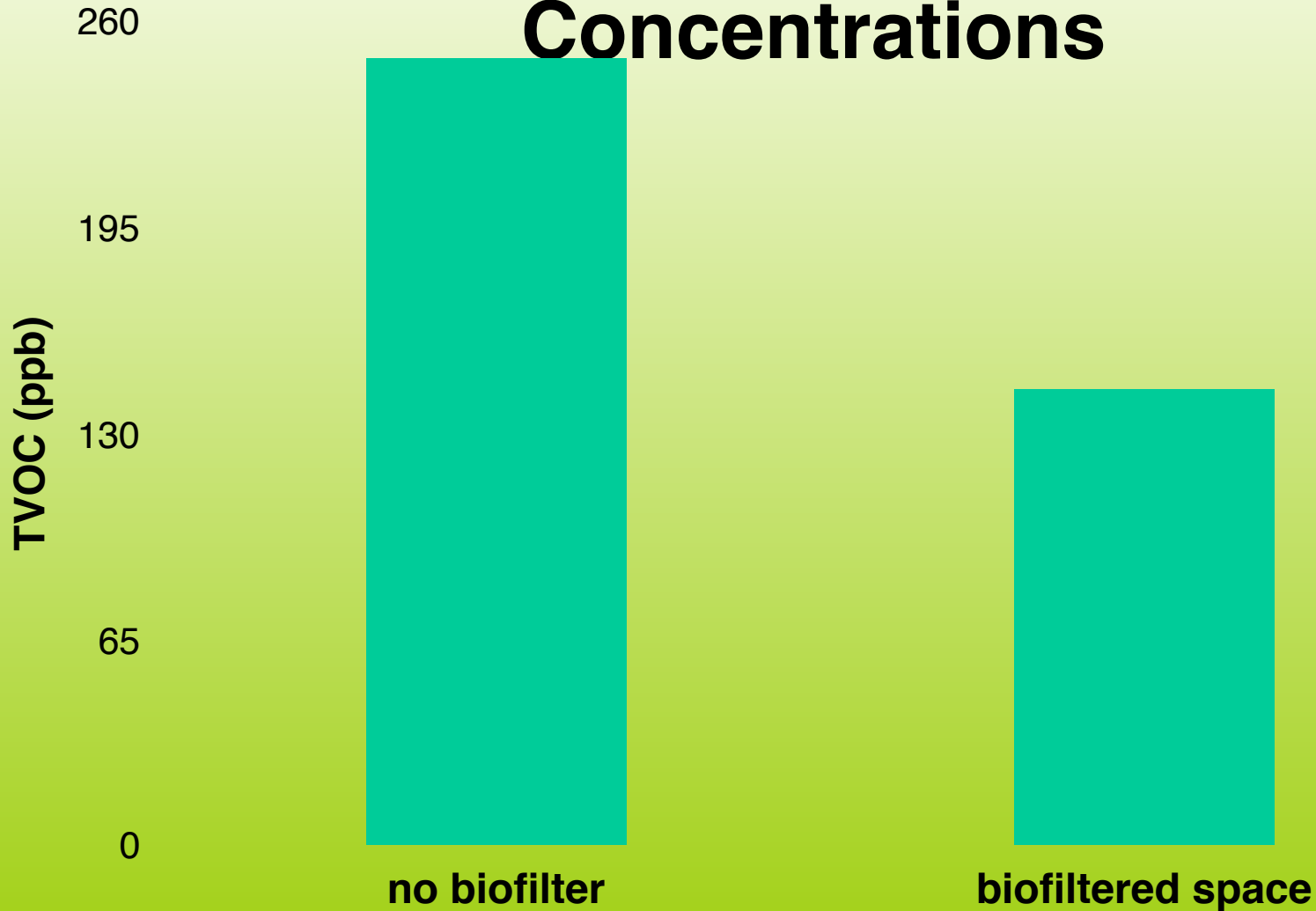
Clean air, naturally.™



Impact on Indoor Air Quality



Impact of Biofilter on TVOC Concentrations

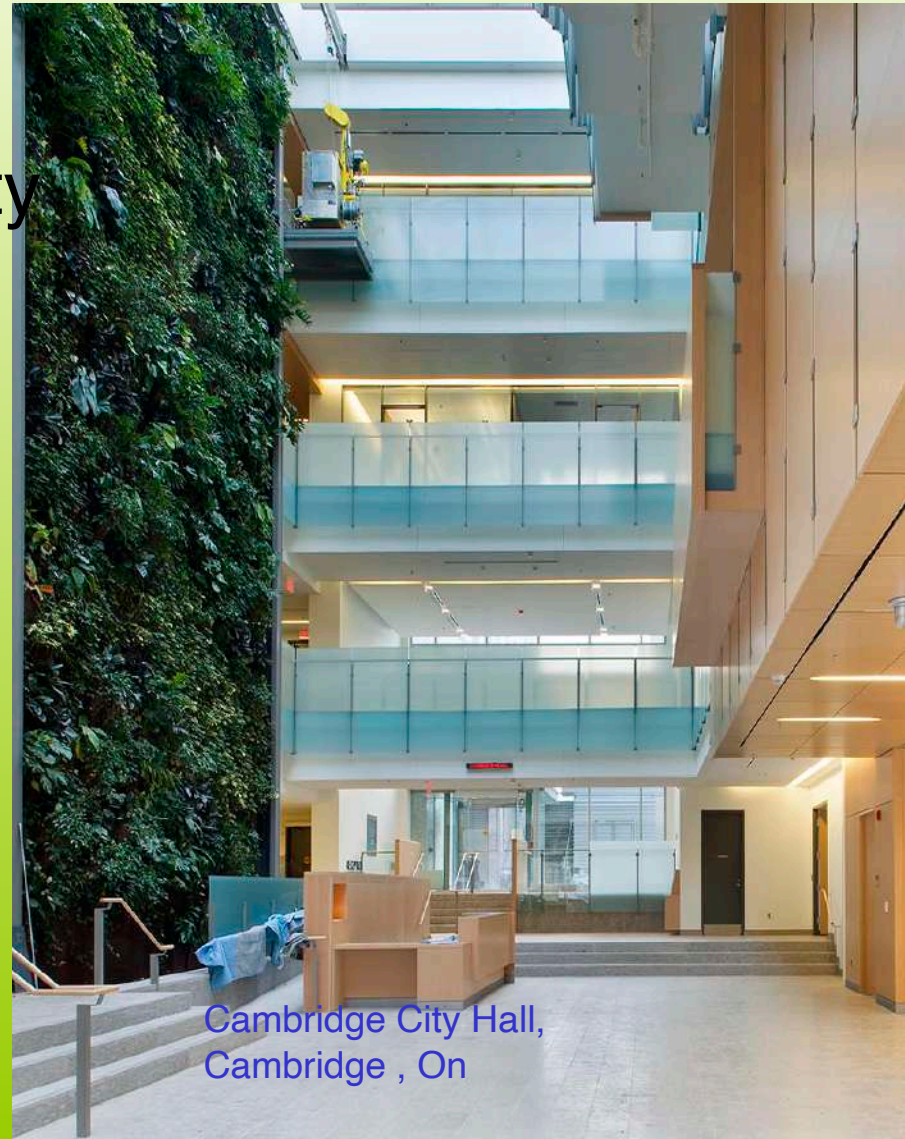




Physical Improvement in IAQ

Beautiful, stylish and sexy!!

- Improved indoor air quality
 - lower concentrations of indoor pollutants
- No disposal issues
 - contaminants broken into benign constituents



Cambridge City Hall,
Cambridge, On

Typical Construction



Then back to HVAC

Manifold connected to return air duct of HVA

And into manifold

Air moves up inside duct

Cleaned air returned to space

Perforations to let air in

Vertical duct



Improvement in *Indoor Environment*

- Psychological impacts
- Reduced absenteeism
- Improved productivity
- Acoustic value
- LEED BONUS POINTS!

*...Green the Indoor Space
and Improve Building
Performance*

Clean air, naturally.™



Corus Quay - Toronto



University of Windsor

NEDLAW™

LIVING WALLS

Venues



Longo's
Maple Leaf Square
Toronto, Ontario

Gathering Places

The living wall biofilter creates a natural gathering point within the building.

Create a sense of community in our hurried lives

.... A place to celebrate

.... A place for quiet reflection



Meadowvale Cemetery and Visitation Centre
Brampton, Ontario

Guelph Humber
University

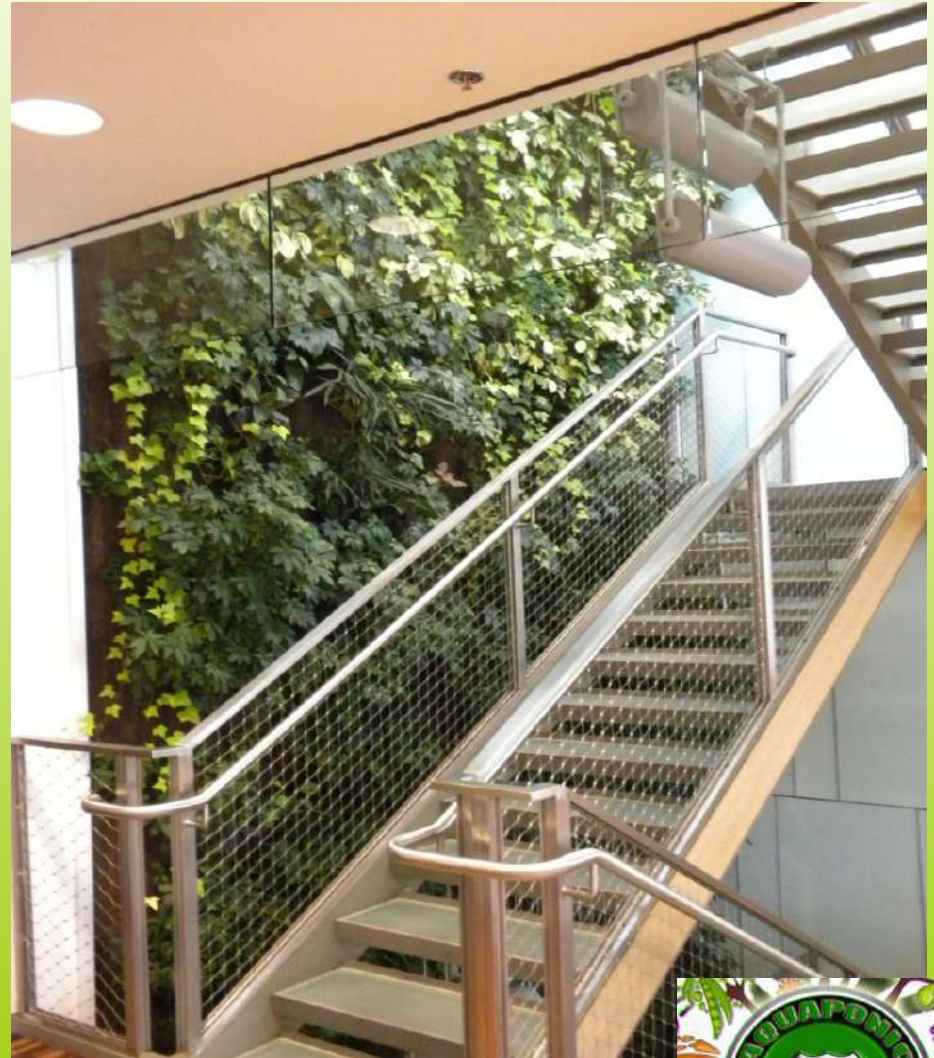
Royal Bot



The Possibilities Are Endless

State-of-the-art,
extremely efficient
medical grade
instrument with
healing/ cleansing
properties, that just so
happens to look
natural and

AMAZING!!!



Further Info Available

- Performance data
- Integration into building systems
- Construction and design specifications
- Case studies
- System requirements

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LIVING WALLS



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