



Innovative Plant Technology

Naturaire Breathing Wall™

Breathe better quality air in your workplace?

Breathe air as Nature intended with **Naturaire Breathing Wall™**

As buildings become tighter to reduce heating and ventilation costs, new ways of providing fresh air need to be developed.

Buildings designed to provide the best indoor air quality are still dependent on outside air intake which is polluted by motor vehicle emissions and may be more polluted than industrial air, even with *full* air-conditioning systems.

Most people are breathing polluted air indoors, assuming the air conditioning is providing 'clean air'.

Nothing could be further from the truth!

The air we breathe is the critical link in our contact with the environment

Office buildings are typically air tight with no opening windows, and 75% to 90% of the air is re-circulated, stale air.

This problem can be addressed by increasing ventilation rates, but this additional airflow substantially increases building operating costs.

It is necessary to balance the requirements of energy conservation and indoor air quality with the provision of healthy, comfortable and productive workplaces.

Complementing conventional air filtration, biofiltration is a natural process enhanced by technology which can deliver high quality fresh air.

Naturaire 'Breathing Wall'™ is a self-regenerating biological filtration system which works like a *rainforest*, removing pollutants and air-borne particles and rendering them harmless to health.

The air you breathe is cleaned through completely natural processes without relying on chemicals or mechanical filters to remove the contaminants from the air, allowing you to breathe air as Nature intended.

The Naturaire 'Breathing Wall'™ is easily incorporated into building design or as a retrofit.

Since modern buildings have less natural ventilation (infiltration) than older ones, the concentration of chemical contaminants from occupants, office equipment and cleaning activities increases the need for some relatively clean outdoor air to be introduced to reduce workplace-generated contaminants (and odours).

Good indoor environmental quality increases concentration and productivity.

Whether you are constructing a new building or retrofitting an existing space, we will work with you and your design team to deliver a **Naturaire 'Breathing Wall'™**

Innovative Plant Technology is dedicated to environmental solutions for healthy thriving interior/exterior landscapes providing air quality improvement for the health, well-being and productivity of building occupants.

Member of the International Society for Indoor Air Quality (ISIAQ), Clean Air Society of Australia and New Zealand (CASANZ), The Chartered Institution of Building Services Engineers (CIBSE).

Call us to discuss how we may be able to help

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