

A living air system, one square metre wide.

A sealed column of microalgae that takes carbon dioxide and dust out of the air where people gather, and shows it working.

VISUALISATION

SENSOR SHELL

reads the air every few seconds

LIVING CULTURE

microalgae in sealed glass

DISPLAY

notices and alerts, full height



BASE

1 m² of floor; service access

95%

less fine dust, PM2.5, in a sealed test chamber after 12 hours

643 kg

of carbon dioxide taken up a year, at most; company estimate

10,000

people a day: above this, a unit is hosted at no cost

Four ways to have one.

चार रास्ते

01 · HOST IT



10,000+

people a day at your place? We install a unit and look after it at no cost to you.

- ✓ Placed with you, where people gather
- ✓ Your notices and emergency alerts on its screen
- ✓ A monthly report of your air

02 · OWN IT



Buy

a unit for a campus, office, institution or home. We install it and care for it under an annual contract.

- ✓ Yours outright
- ✓ A carbon record and a live twin
- ✓ Finish chosen for your building

03 · FUND IT



CSR

A company funds units for a hospital, school, temple or public square as an environmental project.

- ✓ The unit belongs to the public host, as the CSR rules require
- ✓ Monthly data for the CSR filing
- ✓ The company is thanked by name

04 · PARTNER



PPP

A state, city or authority gives sites, permission, guidance and supervision. We install, run and care for the network.

- ✓ Public and emergency messages on every screen
- ✓ Optional cameras for the command centre
- ✓ Air and carbon data for the city

Or commission a signature piece, designed with your architect for a lobby, forecourt or facade.

WHAT EVERY UNIT GIVES ITS PLACE



Your notices on its screen



Emergency alerts



Optional AI cameras



A monthly report



A carbon record



A live digital twin

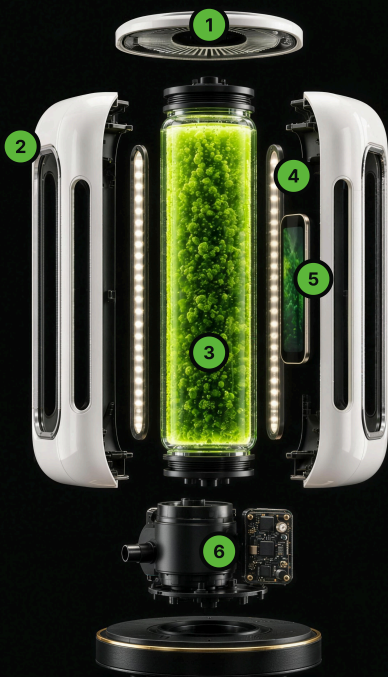


On the Breathing Places map



A place people notice

Cleaner indoor air has been linked with sharper thinking and fewer sick-building complaints (Allen et al., Environmental Health Perspectives, 2016; WHO, 1984). This is not a medical claim.



VISUALISATION

- 1 Sensor cap**
reads air and culture every few seconds
- 2 Shell**
two halves, opened for service
- 3 Living column**
sealed glass, microalgae inside
- 4 Light arrays**
tuned to the cells
- 5 Display**
your notices, full height
- 6 Pump and controller**
air, light, nutrients

WHAT IT TAKES OUT OF THE AIR · TESTED

fall after 12 hours, sealed chamber



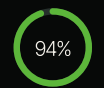
PM10
coarse dust



PM2.5
fine dust



PM1
ultrafine dust



CO₂
carbon dioxide



VOCs
organic vapours



SO₂
sulphur dioxide



NO₂
nitrogen dioxide



NH₃
ammonia

Fall in a sealed test chamber after 12 hours, measured by an NABL-accredited laboratory, report MS-200626-03, 2 July 2026. Results at a site depend on its size, ventilation and conditions.

Floor	1 m ²
Height	2.44 m
Carbon dioxide taken up	up to 643 kg a year*
Oxygen given off	about 467 kg a year*

*Company estimates for a unit in steady operation.

WHAT WE WORK ON · स्वच्छ वायु, निर्मल जल, उर्वर मृदा



Air वायु

Living columns take carbon dioxide and dust out of the air where crowds gather.



Water जल

Lakes, ponds and drains restored by their own ecology, never dredged.



Soil मृदा

The harvest returns carbon to tired soil as natural fertiliser.

SIGNED HOSTS



AIIA अखिल भारतीय आयुर्विज्ञान संस्थान
All India Institute of Ayurveda
भारत सरकार, स्वास्थ्य विभाग, आयुर्वेद विभाग
The Government of India, Ministry of Health, Govt of India



sarvodaya
HEALTHCARE



THE GRAND
VENICE
A dream destination



ISO 9001, 14001 and 45001 certified. Laboratory tested by an NABL-accredited laboratory.

TALK TO US

Avi Dahiya

Director, Investment and Strategy, OMVAD Group

ad@omvad.com

WhatsApp +1 415 740 2909 · Call +1 415 815 8999

Bharat O₂ is a brand of RAMAI Healthcare Private Limited, a venture of the OMVAD Group. Renders and images marked Visualisation are for visualisation only; the actual unit, its finish and its specification may vary.