

UNISER SMARTSPACES

ILLUMINATE. AUTOMATE. ELEVATE. TRANSFORM



Improve the quality of air that we breathe



Welcome To Our Company

Uniser Smartspaces specialises in creating intelligent, technology-driven environments that enhance the functionality, efficiency, and comfort of physical spaces. By leveraging cutting-edge technologies like the Internet of Things (IoT) and automation, we have developed integrated solutions for managing various aspects of buildings, such as lighting, temperature, security, and energy use. The goal is to optimize resource consumption, improve user experiences, and create adaptive environments that respond dynamically to occupants' needs. Smart spaces are widely implemented in commercial buildings, smart homes, and urban developments, contributing to the growing trend of smart cities and sustainable living.

A collaboration between Uniser and uBreathe Air Labs, a sustainable air purifying company, is an innovative partnership aimed at creating healthier, greener, and more efficient indoor environments. We intend to be highly relevant in the context of corporate offices, public buildings, and smart homes where improving environmental quality and reducing carbon footprints are increasingly valued.



‘Breathing Roots’ Technology – An Overview



Breathing roots technology magnifies the air purification through plants by improving the breathability of soil. Superior hardware chassis design improves the air circulation through the internal system before passing on the contaminated air through soil-root zone. Once the air is treated by the micro-organisms around the roots, cleaner air is pushed out of the system.



6 patents filed in India around plant-based air purification

1 PCT filed in Europe for Breathing roots tech

Recommended by senior faculty of AIIMS Delhi

Recommended by faculty at IIT Ropar

Tested & Certified by NABL Labs



“Breathing Roots Technology” harnesses the air purification method of plants supplemented with laws of physics. Our uBreathe natural air purifiers leverage the **BREATHING ROOTS TECHNOLOGY** to boost the phytoremediation by upto 500x. It facilitates an increase in the volume of air at the soil root zone, enabling the root microbiomes to interact with more air and purifying the same.

uBREATHE MINI LITE

TECHNOLOGIES & FILTRATION STAGES

Designed for personal spaces, this is much more than a beautiful planter for your office desk, coffee table or bedroom. uBreathe mini-lite also has its own inbuilt self watering system to make sure that your plants' needs are always met.

SPECIFICATIONS

Product size: 15D x 15W x 30H cm

Power: ~5 Watts

Noise Level: <12 dB

Weight: 1 kg

Color: Snow Grey

Coverage: 50+ sqft

Voltage: 12v





uBREATHE LIFE

TECHNOLOGIES & FILTRATION STAGES

Designed for personal spaces, this is much more uBreathe Life enhances the capabilities of select plant species, researched by NASA, to remove a broader range of air contaminants. This technology is endorsed by UNDP India, UNOPS Japan, and the Royal Academy of Engineering in the UK. It represents the next evolution of the classic version.

SPECIFICATIONS

Product size: 12x12x24 inches

Power: ~35 Watts

Noise Level: <25 dB

Weight: 12 kg

Color: Moonlight (Ivory)

Coverage: 200+sqft

Voltage: 230V

uBREATHE MINI CLASSIC

TECHNOLOGIES & FILTRATION STAGES

Ubreathe mini is a plant-based air purifier that eliminates dust pollution and captures gaseous & biological pollutants from the house. With its patented 'Breathing roots' technology, uBreathe is India's first plant-based air purifier

SPECIFICATIONS

Product size: 10x10x15

Power: ~5 Watts

Noise Level: <15 dB

Weight: 2 kg

Color: Wood finish

Coverage: 80+ sqft

Voltage: 12v



uBREATHE LIFE CLASSIC

TECHNOLOGIES & FILTRATION STAGES

Ubreathe life amplifies the ability of special plants species studied by NASA to eliminate a wider spectrum of air contaminants. Technology is recognised by **UNDP India, UNOPS Japan, Royal academy of engineering UK.**

SPECIFICATIONS

Product size: 14x14x29 inches

Power: ~55 Watts

Noise Level: <33 dB

Weight: 21 kg

Color: Birch Yellow

Coverage: 250+sqft

Voltage: 250V



uBREATHE RAIN

TECHNOLOGIES & FILTRATION STAGES

- A modular, wall mounted and with no mechanical filters (HEPAfree) air purifier for a semi-open region with high population.
- Utilizing bio-filter, aqua filter & UV for complete purification
- Water curtain with self cleaning surface with UV radiation

SPECIFICATIONS

Product size: Custom

Power: ~30 watts

Noise Level: <25 decibels

Weight: Custom

Color: Custom

Coverage: 1000+ sqft




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