

# ABOUT US

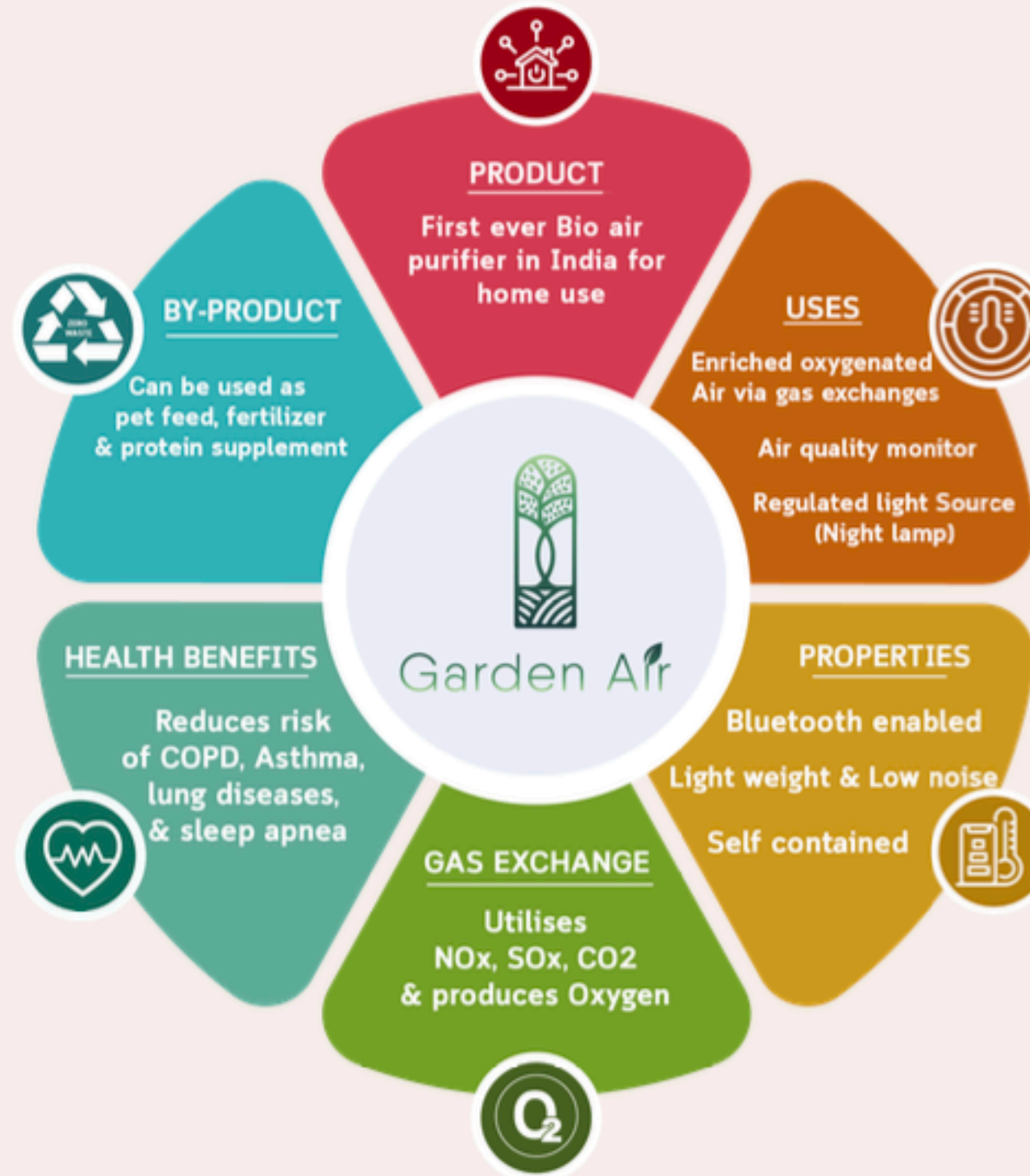
Aathma Pranavaayu Private Limited is a Clean Green Tech Startup working towards improving Air pollution and waste to value conversion.

We aim to reduce the toxins and carbon footprint present in the atmosphere using naturally available bio-source making the air more suitable for breathing. This reduces the complications associated with air pollution such as asthma, lung disease, COPD and heart diseases.

By replacing conventional HEPA and Activated Carbon filters, our initiative is to use Biomass that can absorb all the pollutants coupled with bio-filters that are completely biodegradable and not produce any further waste to environment.

Our motto is to provide enriched oxygenated air to one and all to ensure a healthy and safe environment.

# Garden Air™



	↓ CO <sub>2</sub>	↑ O <sub>2</sub>	↓ PM <sub>2.5</sub>	↓ VOCs
Garden Air™	✓	✓	✓	✓
TRADITIONAL AIR PURIFIERS	×	×	✓	×
PLANTS	✓	✓	×	✓

## INDOOR AIR-PURIFIER

GardenAir is a unique Air purifier that defies the concept of conventional filter-based air purifiers in the market. The process involves mimicking natural Photosynthesis with the help of a Light source and aeration to achieve clean fresh enriched air in closed environment.

Biomass absorbs CO<sub>2</sub>, NO<sub>x</sub>, SO<sub>x</sub> and VOCs as nutrients and produces oxygen as well as traps PM<sub>10</sub> and PM<sub>2.5</sub> particles thus acting as a dust absorbent. The light source provided keeps the biomass alive for 2-3 months which can be changed post that period, and used as Pet Feed or Fertilizer making it a **ZERO WASTE** product. It is equipped with an inbuilt Air quality monitor & Bluetooth for easy viewing of AQI (Air Quality Index) on the GardenAir Android Application.

## TECHNICAL SPECIFICATION

Product dimensions: 150x150x300mm

Effective coverage area: 10-25m<sup>2</sup>

Toxic Gas Reduction efficiency: High

Air Quality Sensor: 1- 1000ppm

Power consumption: 6Wh



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