

PluggVoxx air treatment

**Most healthy air
for your home**



Air treatment due to ionisation and photo-oxidation

- Drastically reduces incoming harmful substances
- Ideal for allergy sufferers
- Directly combinable with Pluggit Avent ventilation units

**A WORLD'S
FIRST**

Fresh air that meets the highest requirements

Hygienically clean air quality for healthy living

Advantages

PluggVoxx removes disturbing odours, reduces bacteria, microbes as well as viruses and considerably inhibits pollen and thus creates hygienically clean air. The air thus treated additionally disables micro-organisms that already are in the dwelling unit and thus ensures the most healthy interior climate. The compact and energy-saving unit can be directly connected to the Pluggit Avent ventilation units.



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FIRST**

In the unit the air is treated like in a thunderstorm that clears the air.



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Technical data	
Dimensions (w x h x d)	520 x 300 x 260 mm
Power supply	230 V / 50 Hz
Input power	max. 40 W
Average power consumption in 24 hours	approx. 0.96 kWh, this corresponds to approx. 7.50 € / month
Weight approx	ca. 12.5 kg
For air volume flow rates	up to 350 m³/h

Nature as a model

Air regeneration due to activated oxygen

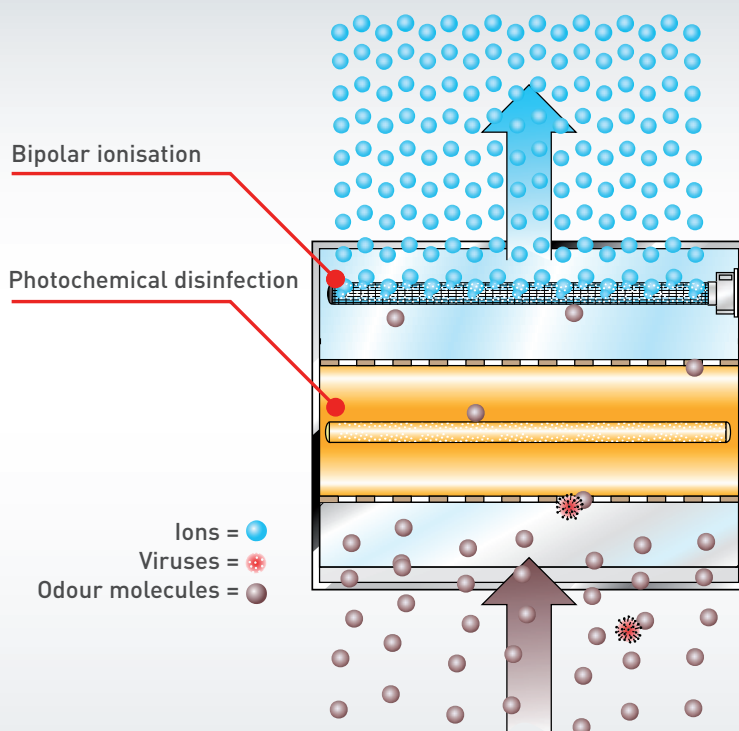


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PluggVoxx makes use of natural processes for air treatment

After a “clearing thunderstorm” you can feel pure and clean air again. The principle of air treatment can be compared to that natural phenomenon. Activated oxygen stimulates an oxidation process that chemically alters odour molecules and microbes. New harmless substances are formed.

The activated oxygen combined with the photo-oxidation permanently affects the cell structure of viruses, mould spores or bacteria so that they become inactive. That’s how the activated air acts as a natural detergent in the indoor air.



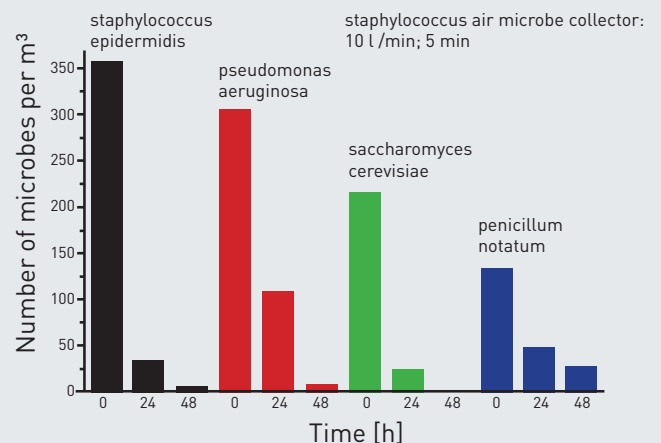
That's how it works

At the same time, the photo-oxidation allows for the inactivation of microbes and the reduction of organic odorous substances. High-energy, short-wave UVC light is used as driving force for this reaction.

The second step involves a special ionisation technique that enriches the air with activated oxygen. This oxygen ensures a natural, health-conductive air ion concentration, a permanent disinfection of the indoor air and the surfaces as well as an efficient odour neutralisation.

Not the ghost of a chance for microbes

The four bar charts of a laboratory test show how quick and intensive the PluggVoxx air treatment works: Within only 48 hours the number of the various harmful microbes in the indoor air drops to almost zero. An expertise of the University of Marburg confirms the inactivation of the microbes within a few seconds.



Installation made easy

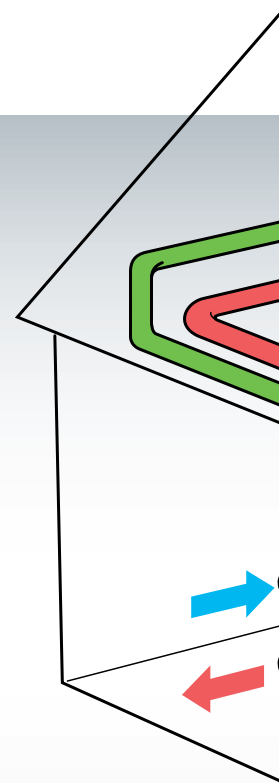
Pluggit successful duo: Ventilation unit and air treatment unit

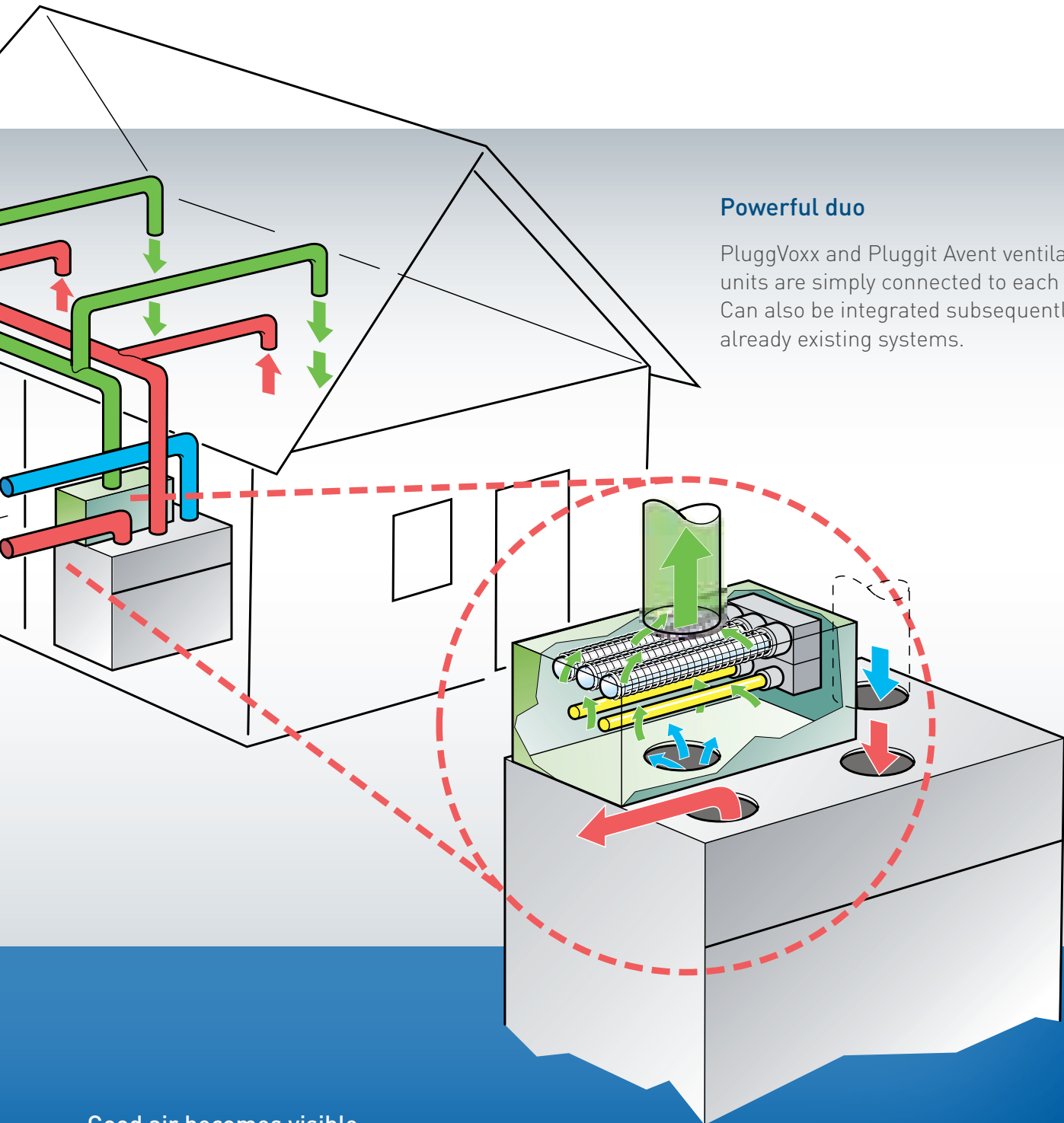
1+1 = Perfect feel-good climate

The new PluggVoxx air treatment is the ideal complement to the Pluggit Avent ventilation units. Both units can be easily connected to each other. The effect: fresh, clean and now also healthy indoor air in the entire building.

Little space for much equipment

We successfully fitted the processes necessary for air regeneration in a compact casing and succeeded in keeping the space requirements down.





Powerful duo

PluggVoxx and Pluggit Avent ventilation units are simply connected to each other. Can also be integrated subsequently in already existing systems.

Good air becomes visible

PluggVoxx features an integrated air quality monitor (VOCs sensor). It automatically regulates the intensity of the unit on the basis of the individually adjustable default setting and the current air pollution. The measured air quality is shown in the display. Thus the operational state of the PluggVoxx can be easily read at any time.

Further good ideas of



- **PluggLine** – designer covers for your home
- **PluggLine** – Flush-mounted standard covers
- **PluggFlex R** – Round ventilation pipes for installation in wet concrete
- **Pluggit Avent** – The modular ventilation units (Basic to Premium version)

