

SMART AIR

TECHNOLOGIES



Inactivates (COVID)-virus, bacteria & fungal spores



No filter change necessary



Highly efficient & economical use



Reduced noise-level (max. 40 db(A))



Customizable design



Smart Air Tower

Thanks to modern UVC technology, our air purifier - Smart Air Tower, stands for chemical-free, quiet and highly functional air disinfection for everyday use.

How it works:

The Smart Air Tower absorbs air through its innovative airflow technology and leads it into the disinfection chamber inside the housing, where UVC lamps irradiate the air. The high-energy UVC radiation is able to break down DNA of microorganisms in order to fully inactivate them. Due to our special housing design, no UVC radiation reaches the outside. Therefore, the Smart Air Tower can be used without restrictions even when people are present in the room.

Volume and cleaning level:

The Smart Air Tower has two different working modes. In whisper mode, the Smart Air Tower has a maximum volume of 36 dB(A) at an air flow rate of 140 m³/h. 36 dB(A) is also comparable to the volume of a quiet refrigerator. In intensive mode, the Smart Air Tower runs with a larger air flow of up to 165 m³/h at a volume of 40 dB(A). Both working modes ensure full concentration while in operation. Depending on the air working mode, the Smart Air Tower cleans at least 90% of COVID-viruses from the air, but also kills any other viruses, bacteria and fungal spores.

Form follows Function:

The position of the Smart Air Tower's supply and exhaust ducts was carefully chosen to be opposite and on the upper part of the unit, so that clean and contaminated air are not mixed. You can therefore activate the Smart Air Tower without restrictions even while people are in the room, without the risk of over- or underdosing.

Production and Safety:

Your safety is our top priority. The Smart Air Tower convinces with environmentally friendly air sterilization without ozone technology and thus offers hazard-free use in all areas of application. With the Smart Air Tower, you are not exposed to the regular risk of costly and potentially germ-loaded filter changes, as our chemical-free UVC airflow technology inactivates (COVID-)viruses, bacteria and other germs without the need for filters.

Areas of application:

Protect yourself, your friends, customers and employees. The Smart Air Tower is a valuable addition to your safety and hygiene concept and supports you in cleaning aerosols - with easy and mobile handling.

Possible areas of application:

- Private households
- Offices & commercial buildings
- Conference & meeting rooms
- Medical facilities
- Hotel & restaurant industry
- Stationary retail
- Gyms
- Public facilities

Contact information:

Website: www.smartair.de

E-Mail: info@smartair.de

Phone: +49 211 54249490

Technical Details	Smart Air Tower
1. Price [€]	refer to shop: https://smartair.de/shop
2. Delivery time	appr. 7-14 days within Germany
3. Electrical connected load [W]	120 W
4. Type of lamp	
a) UVC-spectrum [nm]	254.7 nm
b) Total lamp wattage [W]	110 W
c) UVC wattage [W]	34 W
d) Maintenance interval/durability of UVC lamp	8,000 hrs. in non-stop operation/yearly replacement recommended
5. Body and noise level	
a) Position of air ducts (exhaust)	80 to 90 cm from ground
b) Position of air ducts (supply)	80 to 90 cm from ground
c) Angle of air ducts (supply & exhaust)	180°
d) Noise level [dB(A)]	- whisper mode: appr. 36 dB(A) - intensive mode: appr. 42 dB(A)
6. Functionality	
a) Air flow [m ³ /h]	- whisper mode: appr. 140 m ³ /h - intensive mode: appr. 165 m ³ /h
b) Recommended room size [m ²]	appr. 60 m ² (regular ceiling height)
c) Cleaning efficiency [%]	min. 90% (COVID-virus), up to 99% other germs
d) What will be inactivated?	deleterious germs (such as (COVID)-virus), fungal spores, bacteria, etc.
7. Displays	
a) On/Off	LED light on the outside of the housing for visual control
b) Whisper & intensive mode	control via switch on the outside of the housing
8. Weight & accessories	
a) Weight [kg]	appr. 12 kg
b) Rolls	included in delivery
9. Measurements [cm]	
a) Length	34 cm (+ 1.5 cm for wooden top)
b) Width	34 cm (+ 1.5 cm for wooden top)
c) Height	100 cm (excl. rolls)
10. Housing material	aluminum
11. Certificates	
a) CE	CE certified
12. Country of production	made in Germany