



Soluva[®] Air F

Simple, Serene, Strong. Safe and reliable UV air purification for kindergartens or schools.



The unique UV-C disinfection unit Soluva® Air F cleans viruses, bacteria, and other pathogens from the room air reliably and quietly. With its high air flow rate, it provides fast and reliable protection – with a tested virus reduction of 99.99%. Soluva® Air F is already proving its worth in numerous kindergartens and classrooms – and also in cafés and restaurants, medical office waiting rooms, recreation rooms in retirement homes, offices and stores.



DEVELOPED IN GERMANY
100% QUALITY
CONTROL



Simple and safe operation



F for flexible: The mobile and lightweight device is easy to set up anywhere in the room, mounting on the wall or on a mobile stand and can rotate in all directions. It is designed to operate continuously and quietly so it is barely noticed in daily office use.

Less is more: Unlike comparable air purification devices, Soluva® Air F is completely chemical-free, works without ozone or other by-products, and operates filter-free, so there are no expensive regular filter changes.

Your benefits at a glance:

- + **Best protection:** safe inactivation of all germs, including Covid-19 viruses (test result: 99.99%)
- + **Powerful:** continuously adjustable air flow rate up to 1050 m³/h, suitable for continuous operation.
- + **Optimal design:** light weight, easy and very quiet operation
- + **Economical and maintenance-free:** no filters (no expensive filter replacement), long lamp life
- + **Flexible:** easy wall mounting or use on mobile stand
- + **Quality and safety:** developed by Heraeus in Germany



UV light at wavelengths from 200 to 300 nm splits the RNA/DNA of viruses, such as the coronavirus, and other microorganisms and thus produces a strong disinfecting effect.

This is also proven by a Fraunhofer Institute for Building Physics IBP study. The institute confirms highly effective air purification and a massive reduction of the virus load by 99% – simulated under realistic conditions in a classroom. Even virus mutations are reliably destroyed.

Soluva® Air F	
Dimensions L x W x D	1000 x 876 x 220 mm
Weight	25 kg
Material	Aluminum, stainless steel
Air flow rate	300 to 1050 m ³ /h, infinitely variable
Dose	Log 3,92 @ 500 m ³ /h
Effective dose	>100 J/m ²
Risk group (UV exposure)	Level 0 / free group
Noise 250 m ³ /h ¹	≈ 30 db(A)
Noise 500 m ³ /h ¹	≤ 40 db(A)
Noise 1050 m ³ /h ¹	≤ 57 db(A)
Mounting	Wall mounting or mobile stand
UV lamp	Low-pressure mercury emitter
Wavelength	254 nm
Expected useful life ²	approx. 12.000 h

¹) Emission sound pressure level LpA in dB(A) at 1 meter distance.

²) Increased service life due to special glass coating. Advantages: more safety, longer maintenance intervals, lower costs. Equivalent to about 4 years at a daily operating time of 8 h.

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Please note that all information regarding the products and their properties may vary. 2022/01