



99.99%
Virus reduction
VERIFIED

- + Fraunhofer Institute
- + Hygiene Institute biotech GmbH
- + University Hospital Tübingen



Soluva® Air V continuously cleans the cabin air of buses and other public transport vehicles while transporting passengers – reliably and efficiently. Viruses, their mutants, bacteria and other pathogens are destroyed immediately. Heraeus has proven this with the Fraunhofer Institute. The UV-C (UVGI) purification unit simply mounts on the ceiling of the passenger cabin to protect passengers. Many public buses already use the Soluva® Air V – a proven solution.



MADE IN GERMANY
100% QUALITY
CONTROL 



UV light in a wavelength of 200 to 300 nm splits the RNA/DNA of viruses, such as the Corona virus, and other microorganisms and thus produces a strong disinfecting effect.

This is also proven through multiple independent scientific tests by the Fraunhofer Institute for Building Physics, Hygiene Institute, biotec GmbH and the University Hospital of Tübingen.

The testing by these institutes verified destruction of viruses on surfaces and in air when using Soluva® products. The tested UVC devices eliminate at least 99% of the viruses (SARS-CoV-2 surrogate used in testing).



Soluva® Air V Universal	
Inactivation rate	99,91% *
One cycle time per bus (2 devices per 12 meter bus are recommended)	10 – 12 min
Material	Plastics, aluminum, stainless steel
Color	RAL 7035 Light gray / RAL 9016 Traffic white
Operation	continuously during the ride with passengers
Function	Independent of the vehicle's air conditioning system
Suitable for	all bus types, also those without air conditioning system
Lifetime lamps	12,000 hours
Installation time	approx. 1,5 h
Operating voltage	24 V DC
Power / Optical Power	100 W / 28 W
Maximum fan power per hour (free-blowing)	365 m ³ /h
Weight (kg / lbs)	14 kg (30.8 lbs)
Dimensions (W × D × H)	1230 × 475 × 115 mm (48,4 × 18,7 × 4,5 in)

* verified independently, log 3 reduction
 Customer and vehicle specific solutions on request.

www.soluva.com

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

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