

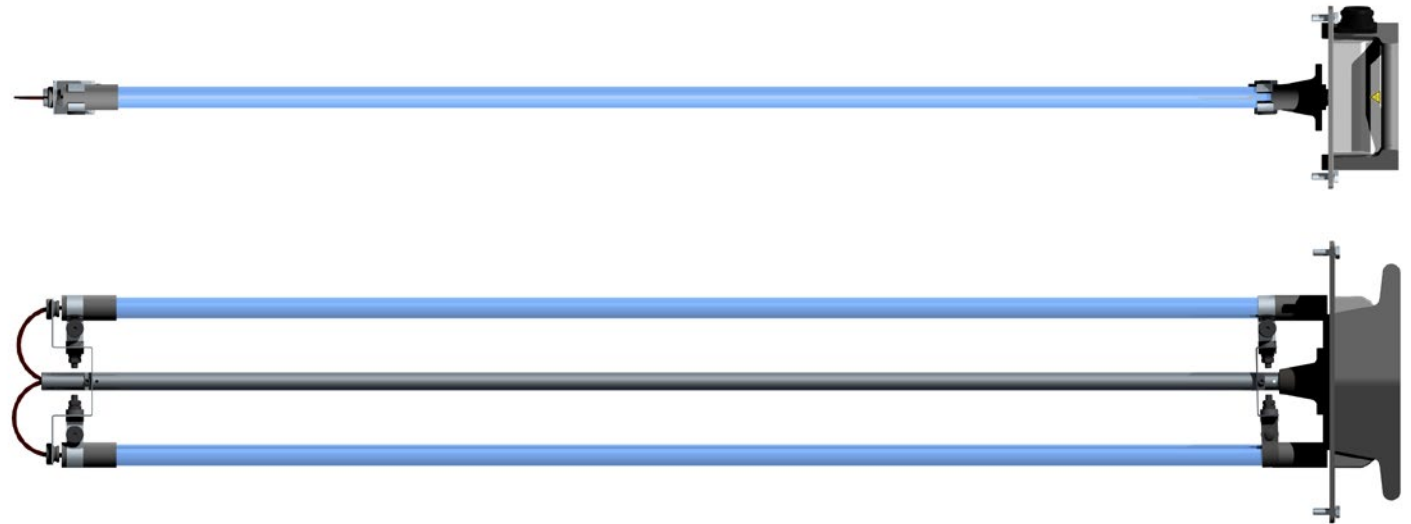


Soluva[®] Air D

The ideal UV-C (UVGI) air disinfection in-duct system for ventilation systems



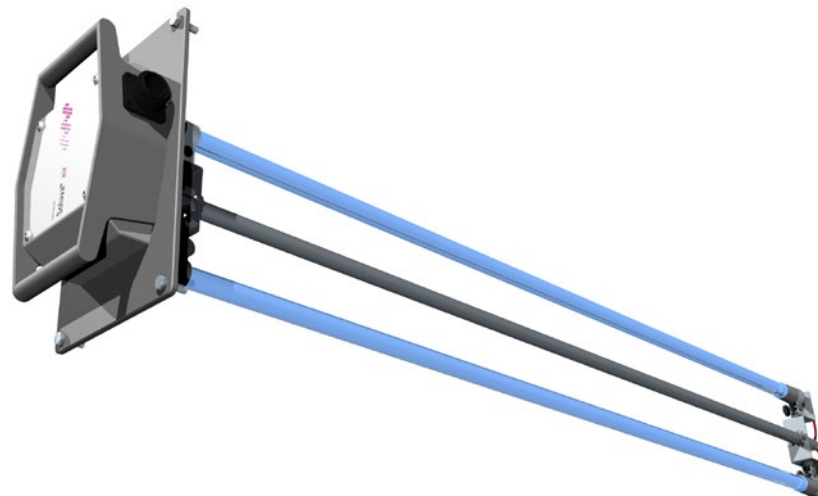
Soluva® Air D is installed in ventilation systems or retrofitted. In the system, the absorbed air flow is reliably disinfected with UV light and released back into the room without any germs.

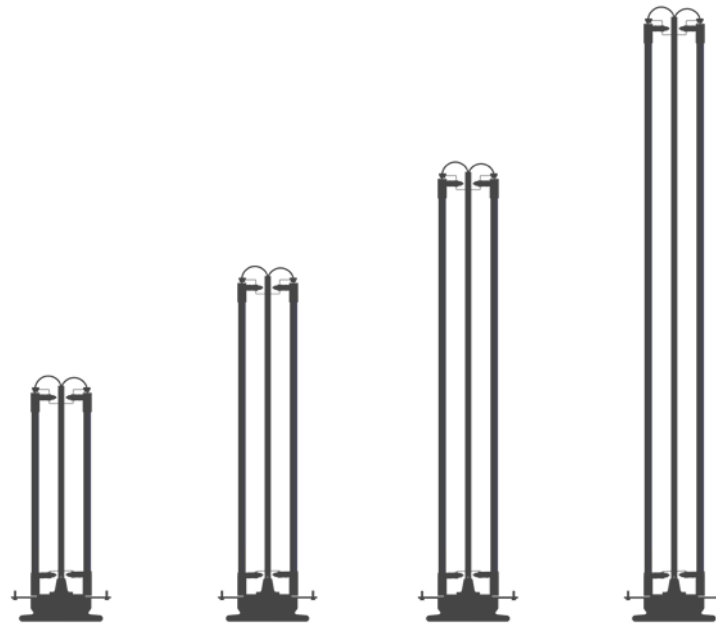


UV light in a wavelength of 200 to 300 nm splits the RNA/DNA of viruses, such as the Corona virus, and other microorganisms and thus produces a strong disinfecting effect.

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.

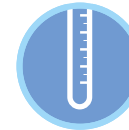
The testing by these institutes verified destruction of viruses on surfaces and in air when using Soluva® products. The tested UVC devices eliminate at least 99% of the viruses (SARS-CoV-2 surrogate used in testing).





Option 1 // Air Flow Sensor

For ventilation systems without an “air flow on” or “fan running” control signal, the Soluva® Air D requires an air flow sensor to generate this signal for proper operation.



Option 2 // High Temperature Alert

To prevent damage to the UV system, sensors detect high duct air temperature (70° C) and sends an alert to the system control monitor enabling the user to take corrective action and extend the life of the UV disinfection system.



Option 3 // Control Cabinet Base

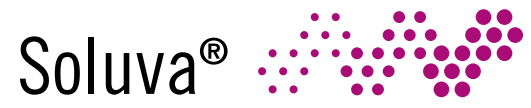
If wall mounting of the control unit is not possible, we supply a set of two bases including mounting material for the control cabinet. The overall height is 800 mm, the color is RAL 7035.

Soluva® Air D Module	Size 6	Size 9	Size 12	Size 16
Nominal Power (W)	200	250	360	680
Length	640 mm (25 in)	940 mm (37 in)	1240 mm (49 in)	1640 mm (64.5 in)
Install depth	570 mm (22.5 in)	870 mm (34.5 in)	1170 mm (~46 in)	1570 mm (~62 in)
Width × Height	165 × 235 mm (6.5 × 10 in)			
Supply Voltage	230 V/50 Hz/400 V/50 Hz			
Cable length	5/10/15/20 m (16/33/49/66 ft)			
Weight	5 kg (11 lbs)	6 kg (13 lbs)	7 kg (15.5 lbs)	8,5 kg (19 lbs)

Soluva® Air D Control	
Dimensions	Type 1: 800 × 600 × 300 mm (31.5 × 24 × 12 in) Type 2: 800 × 800 × 300 mm (31.5 × 31.5 × 12 in) Type 3: 1200 × 1200 × 300 mm (47.5 × 47.5 × 12 in)
Air temp. in the duct in operation	min. +15 °C (59 °F) / max. 35 °C (95 °F)
Relative humidity (non-condensing)	25% – 85%



Soluva® Air D Control



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Please note that all information regarding the products and their properties may vary. 2021/08