

Air Tube C UV-C disinfection unit



AirTube C – Exterior view with radiation



The AirTube C UV-C air Disinfection unit has been developed specially for small rooms in a range of areas of application.

The unit is designed for ceiling installation. The actual positioning in each case is determined depending on the local conditions. A powerful fan draws in the air for disinfection, which is then treated with UV-C in the radiation chamber. Integrated radiation traps ensure that no UV-C radiation that is harmful to humans escapes. This means that the unit can also be used in areas frequented by people.

253.7 nm UV-C radiation is used to reduce the number of germs. This wavelength has a lethal effect on microorganisms, such as bacteria, moulds and yeasts. Low-pressure UV-C emitters serve to generate the shortwave UV-C radiation, which provides a high level of radiant efficiency. The primary radiation emitted yields a spectral line of almost exclusively 253.7 nm. A special interior coating ensures an exceptionally long service life with minimal decline in radioactive power.

The lamp is optionally available with a Teflon coating for protection against splintering and cold.

In dusty rooms the device is also available with an easily replaceable preliminary filter.

Applications:

Room air disinfection for

- cold storage rooms
 - storerooms
 - production areas
- etc.



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Technical description	AirTube C UV-C air disinfection unit
Product no. (F = with filter)	890295 ATC(-F) / 890295 TATC(-F)
Length (with filter)	1,100 mm (1,140 mm)
Width	260 mm
Height	263 mm
Supply voltage	230 V ~ 50 Hz
Power consumption	240 Watt
UV-C compact emitter	2 x 95 Watt with optional Teflon coating
UV-C emitter product no.	289503 (T)
Emitter service life	8,000 h
Safety class	I
Protection class	IP 20
Material	Stainless steel 1.4301, brushed exterior
Nominal volume flow (with Filter)	300 m ³ /h (230 m ³ /h)
Attachment	2 x 2 m double steel cable suspension
Weight	19.5 kg