

## AirTube C UV-C Disinfection Unit



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 exposure chamber. Integrated light traps ensure that no UV-C escapes. This means that the unit

can also be used in areas frequented by people.

253.7 nm UV-C light is used to reduce the number of germs. This wavelength has a lethal effect on micro-organisms, such as bacteria, moulds and yeasts. Low-pressure UV-C emitters serve to generate the shortwave UV-C light, which provides a high level of radiant efficiency. The primary wavelength 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 radiative 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.

| Technical description              | AirTube C UV-C air disinfection unit            |
|------------------------------------|---|
| Product number - (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                     | 240 V - 50hz                                    |
| Power consumption                  | 240 watt  |
| UV-C compact emitter               | 2 x 95 Watt with optional Teflon coating        |
| UV-C emitter product number        | 289503 (T)                                      |
| Emitter service life               | 8,000 hours                                     |
| Protection class                   | IP 20   |
| Material                           | Stainless steel 1.4301, brushed exterior        |
| Nominal volume flow (with Filter)  | 300 m <sup>3</sup> / h (230 m <sup>3</sup> / h) |
| Attachment                         | 2 x 2 m double steel cable suspension           |
| Weight                             | 19.5 kg   |

### Applications:

Room air disinfection for

- Cold storage rooms
- Storerooms
- Production areas etc.