

AIRPURION® 90 active

... stands out for its extraordinary high disinfection performance, compact construction and low energy consumption. It is manufactured in accordance with currently valid laws, standards and rules.



The device consists of a matt anodized and completely closed aluminum frame. Wiring system and the electronic cut-in unit are integrated into the frame.

If so desired, handles meant for manual operation may be installed on the rear side. Fastening devices for wall or ceiling installation are separately available.

Lamp failure or cable breaking are being internally controlled and duly signalled.

Optional equipment with shatter protection is possible, which prevents the release of glass splinters or mercury in the event of lamp breakage.

The UV radiators stand out for their long service life, high disinfection performance and low energy consumption. Power supply may alternatively be of 230 V/50 Hz or 110 V/60 Hz.

Its compact construction allows for an easy removal of lamps or lamp exchange, like for instance at the end of the radiator's service life, without using any tools.

Caution!

UV radiation is dangerous for your skin and eyes!
Both your eyes and skin are to be appropriately protected.
The user will be responsible for his own safety, as well as for the safety of people who are staying in areas where these radiators are being used.

Please bear in mind those materials which are not UVC-resistant may be damaged.

manufacturer	PURION® GmbH
type	AIRPURION® 90 active
ambient air disinfection	continuous operation
disinfection level of 80%	approx. 550 m³ room volume
disinfection level 88%	approx. 75 m³ room volume
guaranteed min. UVC Dosis during one time flow through	65 J/m²
flow rate	36 m³/h
noise level fan	32 dB
monitoring UV-lamps	control lights at the housing
housing dimensions length x width x height in mm	1000 x 105 x 105
Weight	approx. 6 Kg
life time of lamps	10.000 h
number of lamps	1
maximum temperature	40°C
housing protection type	IP 54
electrical connection total power	230V/50Hz or 110V/60 Hz approx. 98W
electrical power PURION UV-lamp	approx. 48W
total UVC-output	approx. 32W (254 nm)
fuse protection	10 A

This UV plant may be used for:

Air disinfection

Advantages

- highest HACCP compliance due to splinter protection and monitoring of disinfection performance
- continuous operation, even if there are people staying in the room
- not affecting odor or taste
- low-maintenance operation
- low operational costs