

AIRPURION[®] Sterile Fridge for disinfection of air in cold areas

... 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.



This device consists of a housing made of stainless steel with two chambers.

Within the first chamber the disinfection air via UVC light with 260 nm is ensured. The air is taken actively via fan inside the chamber. The completely closed housing ensures that UV light can't be emitted.

Within the second chamber the removal of bad odour via photocatalytic oxidation due to UVA light combined with Titanium Oxide surface takes place.

Both of the UV lamps are operated simultaneously.

The UV system AIRPURION Sterile Fridge can be equipped with an operating time counter to monitor the lamps service life and an UV safety glass film

It is easy to install the plant with the assembly system which is part of the delivery.

The UV radiators stand out for their long service life, high disinfection performance and low energy consumption.

The equipment may also be supplied for its use in moisture-prone areas.

manufacturer	PURION [®] GmbH
type	AIRPURION [®] Sterile Fridge
Disinfection of ambient air during continuous operation	
disinfection grade of 80%	approx. 210 m ³
disinfection grade of 88%	approx. 100 m ³
removal of bad odour	photo catalytic oxidation with Titanium Oxide photo catalyst surface
turnover of air	24 m ³ /h
dimension l x w x h in mm	450 x 340 x 140
weight	7,5 Kg
life time of lamps	10.000 h
number of lamps	2
1 x UVC lamp	10 W
1 x UVA lamp	6 W
temperature min.	- 25°C
protection grade	IP 54
electrical connection	110-240 V 50/60 Hz
over current protection	10 A

Gastronomy	•
Food industry	•
Meat processing	•
Medicine	•
Factory work floor	•

Advantages

- chemical free approach
- maintenance free
- low operational costs