



# UV disinfection

ND PureAir

## Areas for use:

- Air disinfection and removal of bad odour without chemicals
- Special designed for keeping air free from harmful organisms

To be used at:	
• Hospitals	• Storage
• Kitchens	• Laboratories
• Cold storage	• Production
• Sluices	• Entrances

Available for 220 V 110 V

## Unit description:

The PureAir enables systematic UV based disinfection and removal of bad odour within fridge rooms.

The air is taken actively inside the plant via fan.

To meet highest HACCP standards, the UV lamps are equipped with special splinter protection (UV safety glass film). Of course it is possible to equip the system with monitoring of the life time of the UV lamp.



The system is used in Food Service for all cold areas.

- Chemical free
- Possibility for continuous operation even if people are present
- High HACCP compliance due to splinter protection and monitoring system (no release of mercury in food areas in case of breakage of the UV lamp)
- Easy maintenance and low operational costs

## The UV-Lamps:

The UV-lamps are known for long durability, high grade of disinfection and low energy consumption.

The configuration of the unit allows for easy access to changing of the bulb and other maintenance.

The Lamps are designed for a lifetime of 10.000 hours

### **Technical data:**

Type & mark	ND PureAir		
Grade of disinfection of 88%	Approximately 50 m <sup>3</sup> of ambient air in permanent operation		
Minimum temperature	-25°C	Numbers of lamps	1 UVC lamp 1 UVA lamp
Housing, length	340 mm	Housing type	IP 54
Housing, width	405 mm	Electrical connection	110-240 V 50/60 Hz
Housing, height	125 mm	Total power	UVC 14 W UVA 6 W
Weight	8 kg	Over current protection	10 A
Lifetime on bulb	10.000 h		

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### **Accessories:**

- Timer that count the operation hours of the lamp, in order to secure correct bulb change.
- Cleaning set for cleaning quartz glass. Special cloth and cleaning liquid.

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### **Other products in the air family:**

Units:

- Single
- Dual
- Multiple

Units for other use: Surface disinfection, water, air disinfection active and passive, Cleanboxes and Tunnels.

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### **Warning:**

UV radiation is dangerous for your skin and eyes! Both your eyes and skin must be appropriately protected from the direct UV light.

The user will be responsible for his own safety, as well as for the safety of people who are staying in areas where these units are being used. Please bear in mind that materials which are not UVC-resistant may be damaged.