



Air disinfection

ND Buildin 14

Areas for use:

- Air disinfection for human, animals, production and storage
- Special designed for keeping air and surfaces free from harmful organisms

To be used at:	
Air disinfection	Conveyor band disinfection
Surfaces disinfection	Inside ventilation systems
Water tank disinfection	Dry silo disinfection
Build in production line	Equipment disinfection

Available for 230 V or 12 or 24 V DC.

Available with splitter protection for safe use in food/feed industry.

Unit description:

The units has a high effectiveness in a very compact design and has a low use of electricity. It is manufactured in accordance with currently valid laws, standards and rules.

The ND Buildin unit is made in special glass tube that is closed and mounted in a special steel flange. The system contains a bulb, a transformer and power cables.

Glass and stainless steel is acid resistant and can be mounted in an aggressive environment. The flange has three mounting holes used for fixing the unit and the transparent cap on top of the unit, will show lamp function with a soft purple light.



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 Buildin 14		
Grade of disinfection	Depends of size and design of tank/system. Should be based on calculation		
Treatment length	200mm	Lifetime on bulb	10.000 hours
Flange distance	312mm	Maximum temperature	40°C
Glass tube diameter	Ø 23 mm	Maximum pressure	10 bar
Flange outer diameter	Ø 60 mm	Housing type	IP 65
Flange hole diameter	Ø 48, 3x120°, Ø5,5	Electrical connection	230 V/50 Hz
Protection	VITON / FPM	Effect & fuse	14 W & 10A

Accessories:

- Timer that count the operation hours of the lamp, in order to secure correct bulb change.
- High voltage cable between the EVG and the lamp, 1m, 5 m or 10 m.
- Mounting set for easy mounting of unit on wall. Includes clamps for stainless unit and clamps for control box.
- Cleaning set for cleaning quartz glass. Special cloth and cleaning liquid.

Other products in the Buildin family:

Single units from 10 W to 90 W

Units:

- Single
- Dual
- Multiple

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

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.