



Air disinfection

ND Buildin 10

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 110-240 V or 12/24 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 10 | | |
| 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 or 110-240 V 50/60 Hz 12 V DC/24 V DC |
| Protection | VITON / FPM | Effect & fuse | 10 W & 10 A |
| Weight | 1 kg | | |

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 air 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.