



reduction of viruses



reduction of bacteria



reduction of moulds



effective against odours



healthy indoor air

Ideal for: Installation in new and existing ceiling systems

Well-being and health are directly contingent on the air quality. With rising environmental pollution, the air quality is getting worse, and this correlation is becoming ever more apparent. Especially in indoor spaces, such as for example the workplace, the problems increase. The pollution of the air with:

- Bacteria
- Germs
- Microorganisms
- Contaminants
- Odorous molecules
- Gases



not only causes unpleasant and close air, but is triggering factor for headaches, symptoms of fatigue, troubles to concentrate, general unwellbeing, as well as skin and eye irritations.

A phenomenon which in current studies is being investigated and has been recognised as so called "Sick Building Syndrome".

For bioclimatic this topic is not all that new. Since 1978 we offer suitable solutions for air purification

Air cleaner Q

The new ceiling device combines this extensive knowhow in a compact design.

Low installation depth and standardised dimensions for all grid ceilings allow for quick installation in all rooms where a high air quality is important. Depending on the requirements the devices are available with different powerful tubes. The included remote control allows a quick and targeted realisation of the indoor air ionisation.

Effect of ionized air:

- ✓ Inactivation of viruses, germs and pathogens
- ✓ **Reduction of the risk of infection (for i.a. SARS-CoV-2) by up to 99.99%**
- ✓ Healthy and odourless indoor air
- ✓ Reduction of particulate matter
- ✓ High product variety
- ✓ Certified effectiveness



Air cleaner Q

Healthy, fresh air as found in nature. This can be realized in rooms of different sizes with the installation devices of the series **air cleaner Q**.

The functional principle

The devices work based on a natural process: The principle of air ionization.

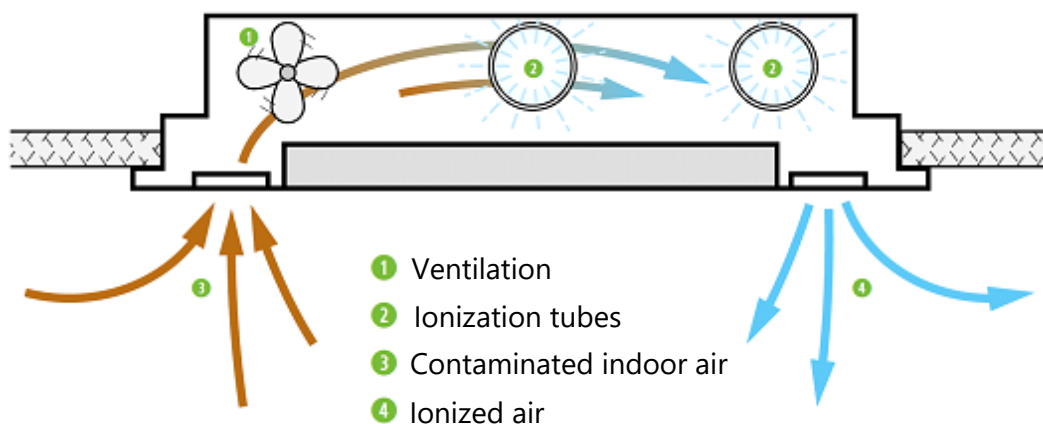
Neutral oxygen molecules are thereby negatively and positively charged through the "Dielectric Barrier Discharge (DBD)" by means of a special ionization tube. Oxygen clusters are generated, which due to their high energy potential have the property of neutralising bacteria and odour molecules

Sophisticated technology

The ionization tubes guarantee a high performance-intensity and function absolutely reliable, even with highest demands at continuous operation. Safe dosage by means of the integrated controller or separate remote control.

Installation

The ionization systems can be integrated in new or existing grid ceilings after exact ventilation calculations. The easy installation at a suitable place guarantees an optimal efficiency in terms of air purification and disinfection.



Easy setting by remote control



Technical Data:

Dimensions	622 mm x 622 mm x 154 mm, suitable for grid ceilings with grid size 62.5 cm or 60 cm
Weight	8 kg
Electrical connection	230 V AC / 50 Hz
Power consumption	max. 30 W
Ambient temperature	+ 5 °C to + 40 °C
Room size	max. 160 m ³
Tube equipment	2x Ionization tubes D

For further information on our full product range please do not hesitate to contact us. We will gladly send you additional information material including references upon request and are always available for questions.

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