

Effective room air filtration of virus, bacteria, pollutants and fine particles



SilentCare

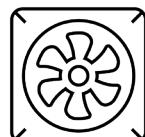
Breathe clean air

Customer benefits

- Extremely quiet and draught-free operation (43 db(A))
- Fast and effective removal of airborne pollutants such as viruses, bacteria, pollen and aerosols due to high efficiency with low power consumption
- H14 HEPA-Filter class according to EN 1822 (filters at least 99,995 % of the pollutant particles in the range of 0,1 – 0,3 µm)
- Compact and modular design
- Multi-stage operation enables individual adaption to the environmental situation

Application areas

- Areas with high levels of footfall
- Office building, meeting rooms, residential buildings
- Schools, universities, day care centers



ELIMINATES AT LEAST 99,995% AIRBORNE POLLUTANTS

Clean air on everyone's lips

Clean air of viruses, bacteria and other pollutants significantly improves our health. In rooms with a high number of people, the level of airborne pollutants can rise rapidly and thus increases significantly the risk of infections. As the level of fresh air cannot be guaranteed to the optimum level, SilentCare is the perfect solution. It is designed to filter air effectively, recycling the total volume of room multiple times per hour to an extremely high efficiency ensuring ambient pollutants level minimised. Above all it operates very quietly. The noise level of SilentCare is well below the average noise level of an office (50 - 60 dB(A)) and guarantees trouble-free operation.

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Properties SilentCare

- Quiet operation (43 db(A) at optimum air circulation)
- 360 degree air circulation and cleaning
- Suitable for rooms to approx 45 m² (max. 70 m² (1) with 5-fold exchange (2))
- Air flow of approx. 600 m³/h +/- 50 m³/h (max. 900 m³/h +/- 50 m³/h (1))
- Filter element service life: approx. 24 months at 8 hours of operation / day (3)
- Voltage 230 V / Power 120 W
- Sheet steel housing, powder-coated, grey
- Dimensions: Height approx. 1100 mm, Ø 500 mm
- Weight: approx. 30 kg

Special protection - Filter media with separation class H14

The three-layer filter media, certified according to the European standard EN 1822, ensures efficient filtration of airborne pollutants and fine particles found in the ambient air of closed rooms. Thus, pollutants can be reduced significantly. The filtering micro glass fiber layer is embedded between two polyester fleeces. This prevents contact with the filter layer.

(1) max. output (booster mode); (2) 5-fold air change per hour (according to current RKI studies, 15 minutes without air purification means increased risk of infection) and a ceiling height of 2.5 m; (3) in an office environment

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