SASOO AIR PURIFIER

SASOO

DESCRIPTION

The Sasoo purifier is equipped with effective filtration technology, significantly reducing the number of solid particles in the air as well as reducing the risk of infection with viruses.

The HEPA filtration with its 99.995% efficiency ensures the removal of respiratory aerosols, viruses, bacterias, pollens, allergens fine dusts and particulates. Thanks to its design, Sasoo fits into any room, whether in a business environment, school, club or a restaurant.

Sasoo is equipped with a CO2 indicator, built-in the unit, which continuously measures the air quality and indicates its condition.

TECHNICAL SPECIFICATION

SASOO	
Dimensions (L x W x H)	600 x 600 x 1750 mm
Airflow	1 000 m³/h
Room size	Up to 100 m²
Power consumption	500 W, 4 A
Electrical connection	230 V, 50 Hz
Sound level	52 dB(A)
Weight	90 kg

*RLW=room air change, if you divide this value by the ceiling height, you can calculate the recommended room area.

FEATURES

- **POWERFUL**

6-fold air purification system, 99.995% separation efficiency, energy-saving EC fan.

- **DISCRETE**

The unit runs silently in the background. At just 52 dB(A), the purifier is as quiet as a conversation.

- **CONTINUOUS**

The Sasoo air purifier is an investment, which will pay off in the long run. Because the H14 particle filter also removes viruses, odours and bacterias from the air within the room.

- **PLUG & PLAY**

Place the air purifier anywhere, connect the power supply and the unit will start purifying the air in a room of up to 100 m².

- **DURABLE**

Thanks to the scracth-resistant and impact-resistant casing made of metal and tempered glass, the Sasoo unit can withstand wear and tear from daily use. You can rely on a single H14 filter for up to 1,500 hours of operation.

- **ELEGANT & EFFICIENT**

The aesthetic air purifier fits into any room, requiring only 0.36 m² of space.

HEPA FILTRATION

The HEPA Class H14 Filter used in Sasoo units effectively remove small microorganisms and nanoscale particles from the air in a safe and sustainable way. Thanks to its 99.995% separation rate the bacterias, viruses, pollens and other particles will stick to the filter material.

The HEPA H14 filter integrated in the Sasoo purifier is mainly made of paper. When the unit is working, a constant draft of air flows through the purifier and filters, which traps small particles.
Long life span ensures that filter replacement is needed only after a very long time.

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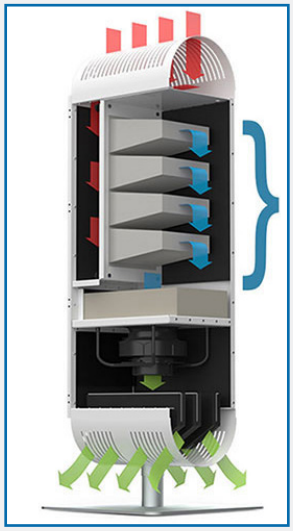
SASOO AIR FILTRATION PROCESS



Step 1: The contaminated air is sucked in at the top of the unit, through the inlet.

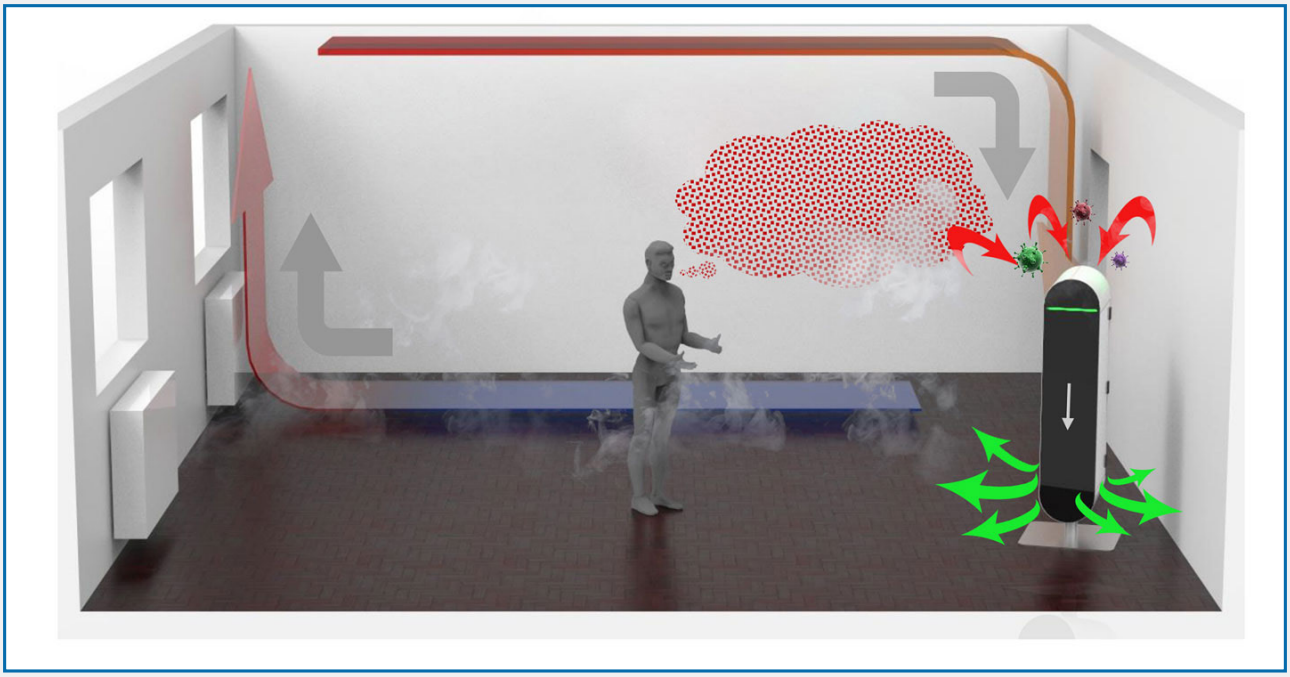
Step 2: The air flows through the HEPA H14 filter. Aerosols, viruses and other small particles in the nanoscale range are removed from the air with a separation rate of 99.995 %.

Step 3: An additional activated carbon filter removes odours from the air which is now free of viruses and other continaminants.

Step 4: The CO2 sensor continuously measures the air quality and indicates its condition.

Step 5: Clean air returns to the room without creating drafts from the outlets at the bottom of the purifier.

EXAMPLE OF SASOO FILTRATION IN A ROOM



The drawing above represents an example of how the Sasoo air purifying unit filters the air within a room, as well as recirculates clean air back in the place.

- Thermal currents are usually directed upwards.
- Bacterias and viruses are transmitted from one person to another, through aerosols.
- Larger particulates fall to the ground very slowly whilst smaller particulates rise up due to the heat of the human breath.
- Objects on the floor, for example furniture do not obstruct the airflow and the unit's operation.