

# TROX

# ALLOWING YOU TO BREATHE EASILY!

The safer solution against viral aerosols  
From the market leader in ventilation technology.



## TROX AIR PURIFIER

# THE TROX AIR PURIFIER

## The safe solution against viral aerosols

When people in closed rooms breathe or speak, aerosols accumulate in the air. These aerosols can transport viruses. According to the Robert Koch Institute, this makes them a primary transmitter of COVID-19. Where a fresh air supply is not possible, these viral particles of fluid float in the room air, often for hours.

With the TROX AIR PURIFIER, you can minimise the risk of airborne transmission of viruses in insufficiently ventilated rooms – without the need for complex installations. Simply set it up and switch it on. The unit filters more than 99.95 % of all viral aerosols. Even in large rooms. This is because the TROX AIR PURIFIER offers a particularly high air change rate. And it is quieter and more energy-saving than any comparable device.



Set up and switch on

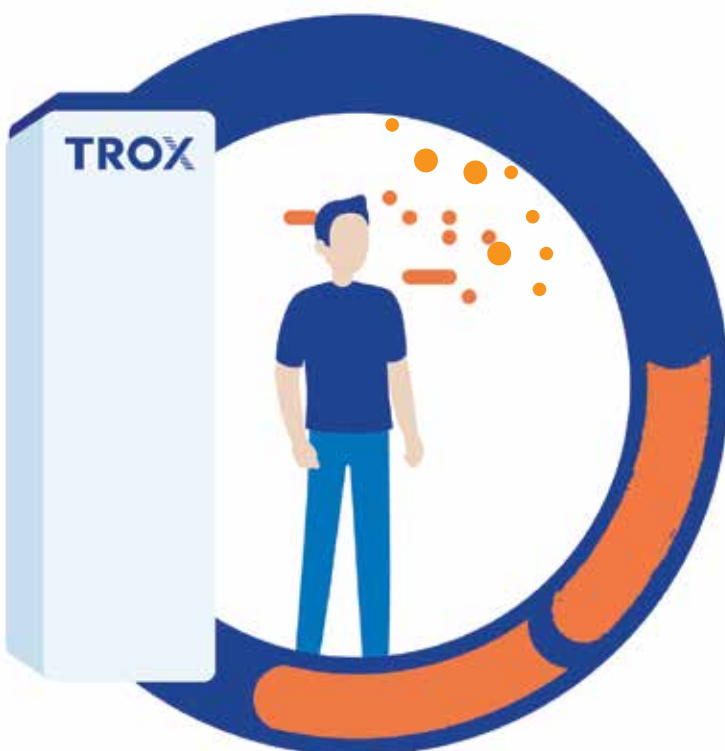
Filters 99.95% of all viruses

Ideal for large room

Whisper quiet

Durable filters

Extremely energy-efficient



**FILTERS**  
MORE THAN  
**99.95%**  
OF ALL  
**VIRUSES**

Large quantities of clean air flow from the unit above head height. Air that is loaded with aerosols is diluted by the airflow and diverted to the ground or to the filter. This creates an ideal air movement in the room. TROX's two-phase, high-performance filter system filters over 99.95 % of all airborne viruses – silently and energy-efficiently.

# CLEAN. SAFE. QUIET IN EVERY ROOM



**Nursing Home**



**School**



**Gym &  
Fitness Studio**



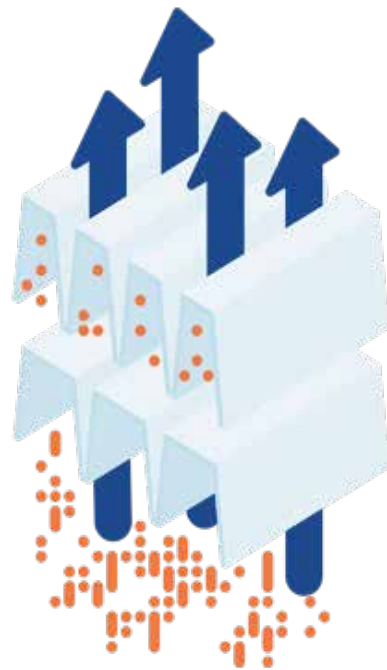
**Offices**



**Hotels**



**Events & Exhibitions**



## Safe air distribution

The TROX AIR PURIFIER discharges the clean air above head height. This means the unit can work with high ventilation performance, without the formation of draughts. It also prevents viruses from an infected person being distributed directly with the air being discharged in the room.

## Minimum risk of infection

TROX's two-phase, high-performance filter system cleans the air and filters over 99.95 % of all coronaviruses. A highly efficient H13-HEPA filter is used here in much the same way it is used to ensure air cleanliness in operating theatres, for example.

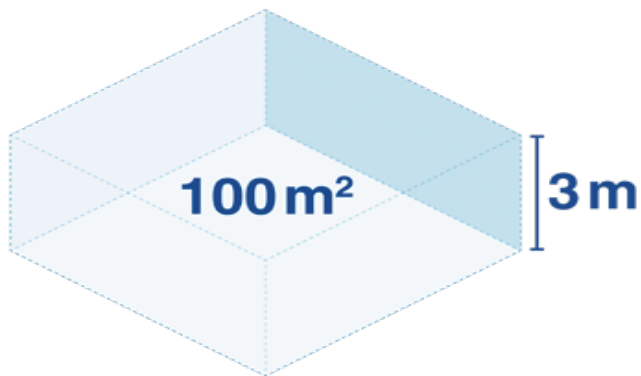
A thermal or UV follow-up treatment is not required as viruses are quickly deactivated once they reach the filter.



**Optimum discharge  
above head height**



**Filters more than  
99.95 % of all viruses**



Example: Operation in a restaurant at a VDI-compliant noise level and a room air change with a volume flow rate of 1200 m<sup>3</sup>/h and power consumption of 150 W.

### Also suitable for large rooms

Up to 1600 m<sup>3</sup>/h (445 l/s, 942 cfm) air can be filtered by the TROX AIR PURIFIER within an hour. No other device of this category can do more! Even at medium power, the TROX AIR PURIFIER efficiently and silently cleans large rooms of viruses, e.g. restaurants or conference rooms.



### Quiet operation

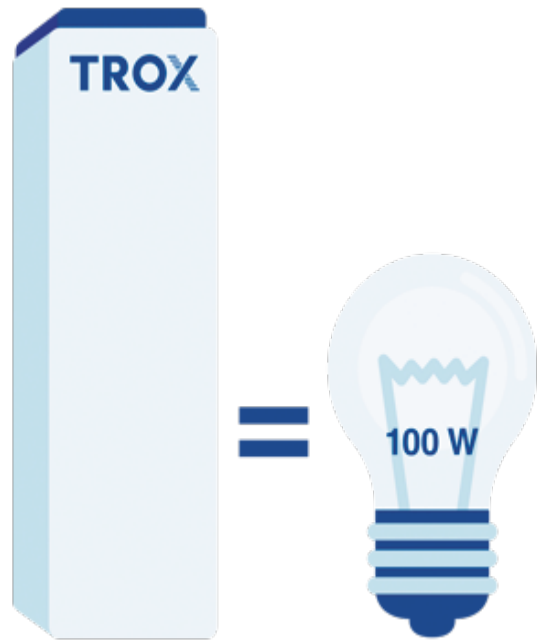
With its patented double noise insulation, the TROX AIR PURIFIER is quieter than any comparable device. In normal operation (1000 m<sup>3</sup>/h , 278 l/s, 589 cfm volume flow rate), it is roughly as quiet as the fan of a computer and is therefore ideally suited for operation in schools or offices.



Cleans large rooms even at medium power



The quietest unit in its category



## Extremely durable filter

In contrast to conventional flat filter panels, the filter areas in the TROX AIR PURIFIER have a large span. The device has a total filter area of 47m<sup>2</sup>. Thanks to the size and the installed prefilter, the HEPA filter can be used for a significantly longer period of time and doesn't have to be changed for years, even when used continuously.

## Low power consumption

The TROX AIR PURIFIER can be permanently operated without any concerns. Despite its high performance, the device consumes very little power. Thanks to energy-efficient motors and large filter areas, on average the device consumes less than a 100W bulb.



**47 m<sup>2</sup> filter area  
in one unit**



**Only 0.095 kW  
for 1000 m<sup>3</sup>/h**

# FROM THE MARKET LEADER IN VENTILATION AND AIR CONDITIONING

Many manufacturers offer air purifiers. However, only a few of them are suitable for silent use in large rooms. At TROX, we are the experts in ventilation and air conditioning. As the German market leader, we have decades of experience in interior air distribution and in the use of HEPA filters.

We contribute our skills and capabilities to associations and scientific bodies. We drive innovation in the industry and are applying all the latest findings of COVID-19 research. For this reason, we know exactly how an air purifier needs to be designed to offer you maximum safety and efficiency.



Presentation of the first air purifier prototype at the Bethanien Hospital in Moers on the occasion of the visit by Health Minister Jens Spahn and Minister President of North Rhine-Westphalia Armin Laschet to Dr. Thomas Voshaar, Chief Physician of the Lung Clinic



Estádio Nacional, Brasília: TROX ventilation and air conditioning in all newly built World Cup stadia in Brazil



Elbphilharmonie Hamburg: TROX ventilation and air conditioning in all concert halls

## DO THE COMPARISON!

Depending on the manufacturer, values such as noise level, output or energy consumption are measured under very different conditions. This makes it difficult to carry out an objective assessment. On our website, we will show you the details you need to pay attention to when conducting a comparison.

[www.troxaustralia.com/trox-air-purifier](http://www.troxaustralia.com/trox-air-purifier)

# QUALITY AT THE BEST PRICE

The TROX AIR PURIFIER is not comparable to compact units available to buy online. With high-quality components from Germany the unit is manufactured in Malaysia. It was designed very efficiently, which allows us to offer the greatest possible safety at the best possible price.



**Place the order.**  
**Arrange delivery.**  
**Switch it on. Done.**  
[www.troxaustralia.com](http://www.troxaustralia.com)



White  
RAL 9010



Grey  
RAL 7021

Floor-mounted unit L  
L x W x H : 701 x 644 x 2313 mm  
Up to 1600 m<sup>3</sup>/h (445 l/s, 942 cfm)

Floor-mounted unit M  
L x W x H : 441 x 644 x 2313 mm  
Up to 1200 m<sup>3</sup>/h (333 l/s, 706 cfm)

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# TROX

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