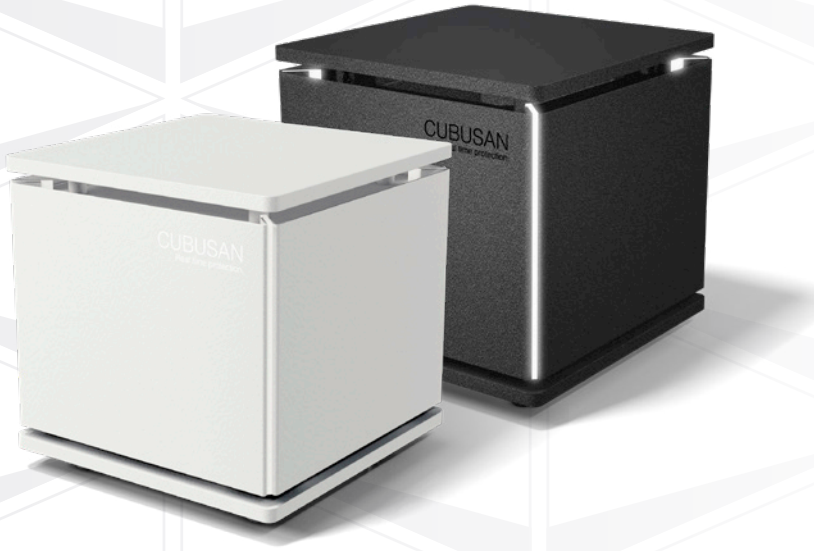
CUBUSAN
Real time protection.

WINTERSTEIGER
Thinking about tomorrow.

Cubusan CP-120

Air purifier for room disinfection

Featuring innovative STEREX plasma technology



Your benefits:

- Reduction in infectious diseases and symptom relief scientifically proven in a clinical field study
- Neutralizes up to 99.9% of all germs (viruses and bacteria) in indoor spaces
- Instantly attacks viruses and bacteria - where and when they enter the room
- Whisper quiet – 32 dB(A)
- Requires no maintenance or upkeep
- No OZONE or UV-C treatment
- Optionally available:
  - Wi-Fi timer
  - Wall and ceiling mount
  - Pedestal

Technical data

Protected room size	max. 120 m³
Noise level	32 dB(A)
Dimensions (W x H x D)	190 x 190 x 190 mm
Weight	8,5 kg
Continuous output	8 W continuous output (extremely energy-efficient)
Voltage	230 V AC, 50 Hz
Color	black, white

We reserve the right to make technical alterations.

Scan the QR code to learn more about the results of the Sterex study!

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STEREX

Scientifically proven: Sterex reduces infection rates and alleviates symptoms

Acute upper respiratory tract infections are among the most common illnesses worldwide. They cause coughing, runny noses, fatigue, and high economic costs due to sick leave. Since we spend most of our time indoors, indoor air quality is crucial for health and productivity, especially during periods of increased viral circulation. In 2022/2023, Paracelsus Medical University (PMU) in Salzburg, Austria conducted the first study in a real-world office environment to investigate whether NTP air purifiers (Cubusan with Sterex) can reduce infections and their severity.

How was the study designed?

1. **Laboratory phase:** Demonstration of the effective inactivation of airborne pathogens by the Cubusan
2. **Practical phase:** Five-month field study with 230 participants; 150 data sets were evaluated (73 in the test group with active Cubusan, 77 in the control group). The study recorded infection frequency, symptom severity (WURSS-21), saliva markers (including IgA, CRP), and cardiological data, as well as physical room parameters (including air ions, fine dust) in the participants' offices.

What effect did the Cubusan have?

"The study results clearly show: With Cubusan and Sterex, there were significantly fewer infections as well as milder disease progression and symptoms,"
Renate Weisböck-Erdheim, study director, Institute for Ecomedicine – Paracelsus Medical University

There were 24 infections in the test group and 32 in the control group. This means that without Cubusan, there was a 45% higher risk of infection (odds ratio 1.45). The absolute risk reduction was 8.68%. In addition, symptoms were significantly milder ($p = 0.028$), as confirmed by lower IgA and CRP levels.

What economic benefits can be derived?

For every 100 employees, approximately 15 infections can be prevented annually. With an average of 5.2 sick days and €250 in productivity costs per day, this results in a potential savings of approximately €19,500 per year – meaning the investment in the corresponding number of Cubusan devices pays for itself in just over a year.

Why the Cubusan stands out

Cubusan has been proven to improve indoor air quality, reduce infections, and mitigate the severity of illnesses. It thus makes a lasting contribution to health, productivity, and cost efficiency in offices, schools, healthcare facilities, and public buildings – reliably, safely, and with a solid scientific foundation..

How does Sterex work?

The Cubusan uses Dielectric Barrier Discharge (DBD) technology to generate "cold plasma" (Non-Thermal Plasma, NTP): High voltage creates cold plasma between two electrodes, releasing highly reactive oxygen and nitrogen molecules. No ozone or harmful nitrogen oxides are produced. As the room is filled with this plasma, viruses and bacteria in the air are immediately destroyed. This eliminates the need for energy-intensive purification of the indoor air in an air filter unit.

Scan the QR code & view the full study.