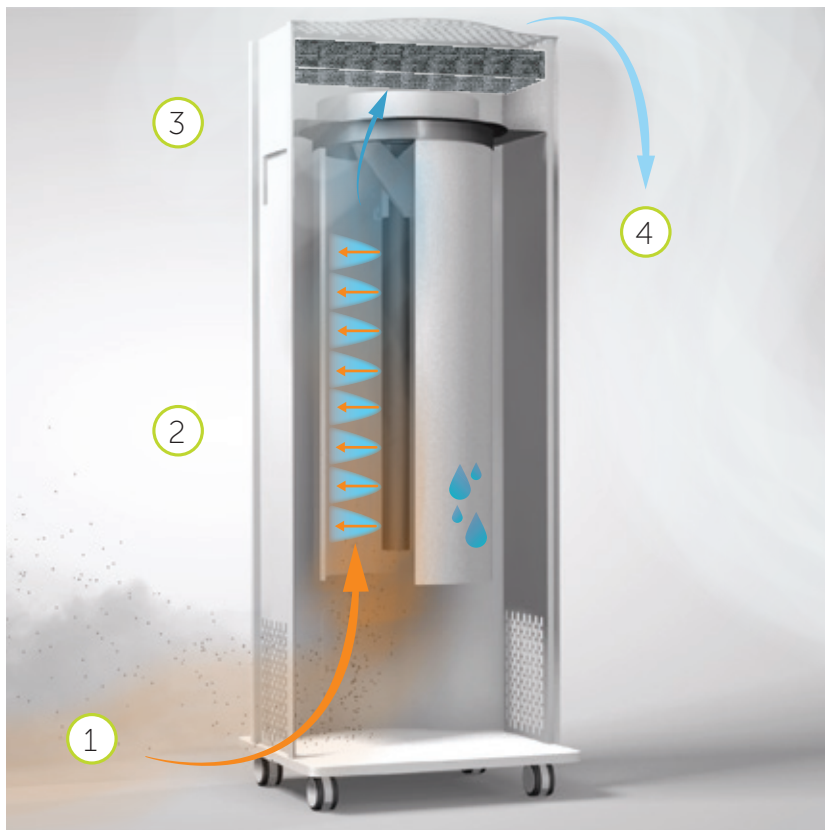


## Technical Information

# Genano Air Purifiers



- 1 Contaminated air is led inside the unit.
- 2 Particles are charged negatively in powerful corona discharges. The negatively charged particles are attached to the positive collection surface.
- 3 A special 3-layer active carbon collector effectively removes VOC gases and odours.
- 4 Outcoming ultrapure air is free from microbes, particles and gaseous substances.

**The superior performance** of Genano Technology® is based on a patented method for purification, which

- captures particles down to nanosize,
- eliminates microbes, and
- removes gases and odours.

Genano Technology can remove particles down to nanometre size (1 nanometre = 0.001 micrometres = 1 millionth of a millimetre). The powerful voltage field inside the unit **eliminates microbes**, such as viruses, bacteria, moulds and yeast. In addition, Genano units are equipped with an effective active carbon collector which removes gases, fumes and odours.

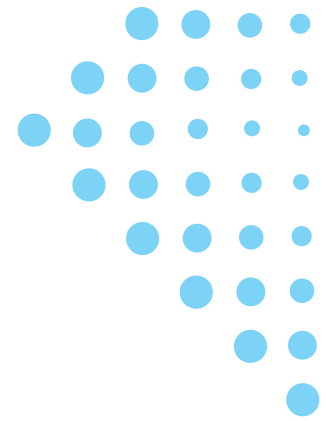
Mobile Genano units have an **automatic washing function** which reduces the need for maintenance and keeps the cleaning efficiency high at all times.

Due to the **advanced technology and strong construction** of the units, the purification efficiency of Genano stays high – from year to year. All Genano units are designed and manufactured in EU.

The purification efficiency of Genano units has been verified by several research institutes and universities.

**Research results available at:**

[www.genano.com](http://www.genano.com)



Genano® 120



Genano® 310



Genano® 5250 Manual



Genano® 5250 Automatic



Genano® Tube XS

Technical Information	Genano® 120	Genano® 310	Genano® 5250 M	Genano® 5250 A	Genano® Tube XS
Cleaning capacity	max. 120 m <sup>3</sup> /h	max. 250 m <sup>3</sup> /h	max. 500 m <sup>3</sup> /h	max. 500 m <sup>3</sup> /h	max. 330 m <sup>3</sup> /h
Particle size arrestance	> 0.003 µm	> 0.003 µm	> 0.003 µm	> 0.003 µm	> 0.003 µm
Cleaning efficiency	98 %	99,5 %	99,5 %	99,5 %	98 %
Gas removal	Included: 80 g active carbon, 20 mm	Included: 400 g active carbon, 60 mm	Included: 800 g active carbon, 60 mm	Included: 800 g active carbon, 60 mm	Included: 60 g active carbon, 20 mm
Size (w x d x h mm)	300 x 370 x 1090	470 x 406 x 1470	600 x 600 x 1680	600 x 600 x 1680	ø 200 mm, length 990 mm
Weight	44 kg	55 kg	91 kg	91 kg	7 kg
Construction	Painted steel	Painted steel	Painted steel	Painted steel	Painted steel
Operating voltage	200–240 V, 50/60 Hz	200–240 V, 50/60 Hz	200–240 V, 50/60 Hz	200–240 V, 50/60 Hz	200–240 V, 50/60 Hz
Power consumption	25–100 W	80–180 W	70–150 W	90–260 W	30–90 W
Usage temperature	+5...+60 °C	+5...+60 °C	+5...+60 °C	+5...+60 °C	+5...+60 °C
Sound level	27–56 L <sub>pA</sub> (dBa)	31–43 L <sub>pA</sub> (dBa)	30–42 L <sub>pA</sub> (dBa)	30–42 L <sub>pA</sub> (dBa)	27–56 L <sub>pA</sub> (dBa)
Cleaning	Changing of collector 2 times / year	Automatic	Automatic	Automatic*	Changing of collector 2 times / year
Installation	Mobile	Mobile	Mobile**	Mobile**	Wall or ceiling
Fan speed	6	3	3	Stepless speed control	6, with a control panel

\* Automatic cleaning function can be turned off in critical area use.

\*\* Can be equipped with a negative and/or positive pressure adaptor kit to create spaces with negative / positive air pressure.