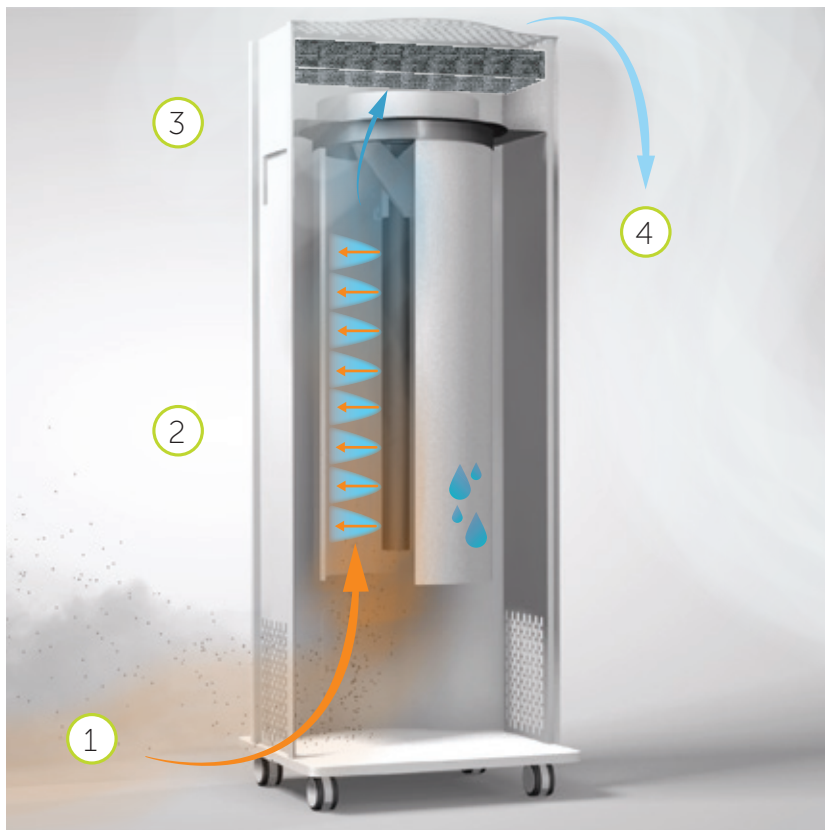


Technical Information

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.

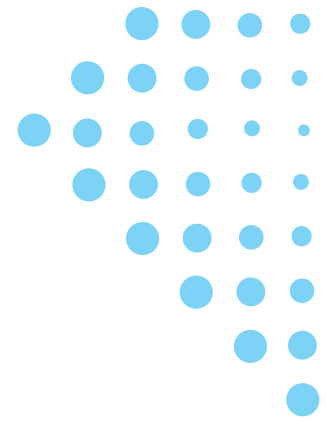
Mobile Genano units have an **automatic washing function** which reduces the need for maintenance and keeps the cleaning efficiency high at all times.

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



Genano® 120



Genano® 310



Genano® 5200



Genano® 5250



Genano® Tube XS

Technical Information	Genano® 120	Genano® 310	Genano® 5200	Genano® 5250	Genano® Tube XS
Cleaning capacity	max. 120 m ³ /h	max. 250 m ³ /h	max. 500 m ³ /h	max. 500 m ³ /h	max. 330 m ³ /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 _{pA} (dBa)	31–43 L _{pA} (dBa)	30–42 L _{pA} (dBa)	30–42 L _{pA} (dBa)	27–56 L _{pA} (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.