

Genano 3G-680

Electric Duct Filter with Fan

The features of Genano 3G-680 duct filter:

- High efficiency particle filtering **down to 0.1 microns**
- Integrated **activated carbon** for gas adsorption
- **LED UVC** for microbial elimination
- **The fan optimises filtration performance**, whether used with ducting or as a standalone unit.

Collectors
include
active carbon

Technical information	Genano 3G-680
Clean Air Delivery Rate	70-653 m ³ /h
Particle cleaning efficiency (air speed 420 m ³ /h)*	0.1 µm: 99.3 % 0.3 µm: 99.4 % 0.5 µm: 99.4 % 1.0 µm: 99.6 % 2.5 µm: 99.8 %
Filter	Particle/Activated carbon 300x300x270 mm 8 pockets
UVC Light	Highest Rating (16/16) in MERV/URV classification
Dimensions (W x H x D)	359 x 311 x 809 mm
Weight	14 kg
Material	Aluminium, painted steel
Installation	Duct, ceiling, wall
Power consumption	Max 145W
Sound level	25-54 dB(A) at 3 m
Rated voltage	220-240 V, 50/60 Hz

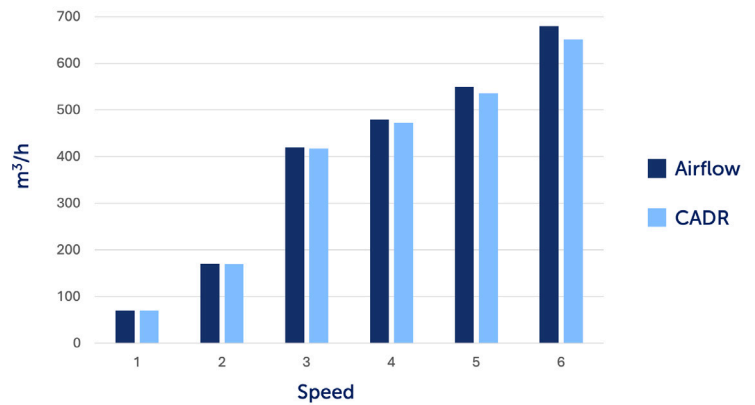
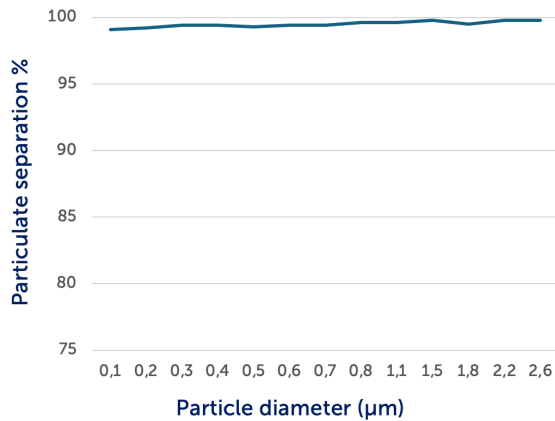
* Tested by VTT Research Institute



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Genano 3G technology

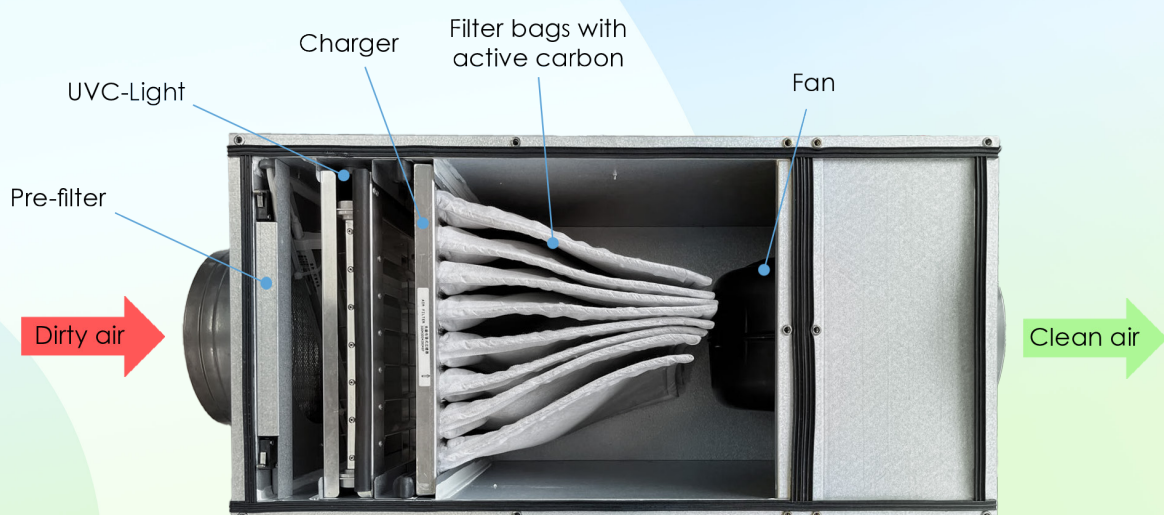
Electric duct filtering system



OPERATING PRINCIPLE

The Genano 3G-680 uses a multi-step system to purify air efficiently. It charges incoming particles, capturing them on a **two-part filter bag** with an enhanced particle filter for fine particles and **activated carbon** for gases. The unit's fan maintains airflow, while **UVC light** periodically destroys bacteria and viruses on the filter.

The Genano 3G-680 efficiently purifies indoor air by **eliminating airborne impurities**, whether used as a **standalone unit** or **integrated into an HVAC system**. With its **built-in fan**, the Genano 3G-680 can also serve as a **fresh air unit**, filtering outdoor air before it enters the building. This ensures that cleaner air circulates through air conditioning and ventilation systems, maintaining a **healthier indoor environment** by reducing contaminants.



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