

# Genano® 1000

Efficient air purifier for industrial manufacturing premises and assembly halls, where impurities generated from production process, causing health risk, or product quality issues. Genano 1000 can be used in logistics halls and warehouses, where clean indoor air is required to improve the shelf life of products.



## Technical information

Air flow	1 m <sup>3</sup> /s	2 m <sup>3</sup> /s	3,5 m <sup>3</sup> /s
Dimensions* (L x H x W)	5761 x 1813 x 819 mm	5761 x 1813 x 1298 mm	5761 x 1813 x 2058 mm
Weight*	340 kg	610 kg	800 kg
Power consumption**	200 W	300 W	300 W
Operating voltage	200–240 V, 50/60 Hz	200–240 V, 50/60 Hz	200–240 V, 50/60 Hz
Automatic washing	Yes	Yes	Yes
Water pressure	3 bar	3 bar	3 bar
Water consumption/wash	150 dm <sup>3</sup>	200 dm <sup>3</sup>	300 dm <sup>3</sup>
Detergent, consumption	Genpower, 5 dm <sup>3</sup> /month	Genpower, 10 dm <sup>3</sup> /month	Genpower, 15 dm <sup>3</sup> /month
Operating temperature	+5...+60 °C	+5...+60 °C	+5...+60 °C

\* Including inlet and outlet cones (Ø 630 mm). \*\* Excluding duct fan.

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# Genano technology

## OPERATING SYSTEM

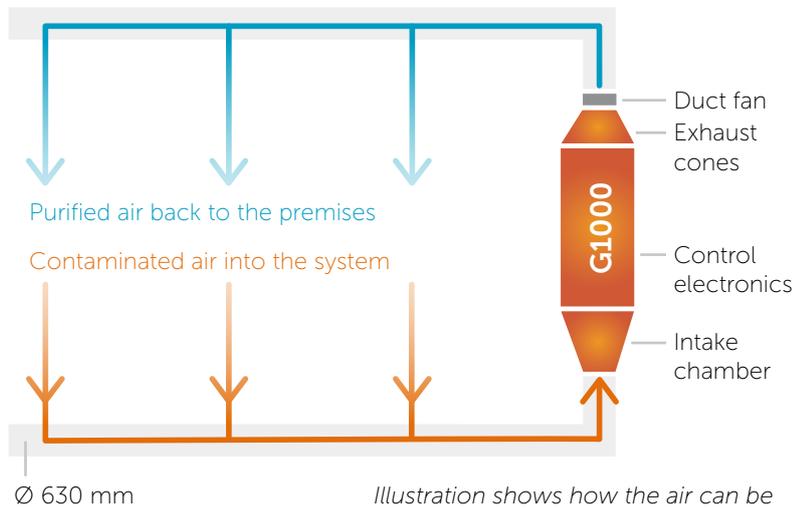


Illustration shows how the air can be circulated within the premises.

Warm, purified air can be circulated back to the premises. This significantly decreases the heating cost during the heating season, generating remarkable cost savings.



- 1 Contaminated air is led inside the unit.
- 2 Particles are charged in a powerful corona discharge.
- 3 The charged particles are attached to the collector plates.
- 4 Outcoming air is clean, even nanosized particles can be removed.
- 5 The unit has an automatic washing function which reduces the need for manual maintenance, keeping the cleaning efficiency on high level.