

**SAMCO<sub>2</sub>**  
GERMANY



ZDG1001A

IONIZING AIR CIRCULATION SYSTEM FOR  
**AIR PURIFICATION**  
cleans without UV-light or chemicals

# ZDG1001A

## Ionizing air circulation system

For false ceilings or under ceilings installation

- ✓ Ionization technology purifies the air directly in the room
- ✓ Neutralizes all kinds of viruses, infectious bacteria, molds and allergens
- ✓ Neutralizes or reduces unpleasant odors

## The components

**01 SAMCO<sub>2</sub> Air-purifier module**  
 PATENT PROTECTED IONIZATION TECHNOLOGY  
 NO HARMFUL CHEMICALS, UV-LIGHT OR FILTERS



Proven effectiveness  
 Eliminates 99.5% of viruses\*  
 Fraunhofer reports  
 QL / 1081 / 21  
 QL / 1019 / 22

\*proven by tests using bacteriophages as a virus surrogate

**02 PREFILTER CASSETTE**  
 RUBBER SEALED & REMOVABLE COVER  
 FOR COMMON BAG FILTERS (I.E. G3, M5, F7)



**FOR ROOMS**  
 90 -270 m<sup>3</sup>  
 (appr. 30-90 m<sup>2</sup>)

Proven safety  
 Harmless  
 Fraunhofer reports  
 HoE - 025 / 2021  
 UHS - 076 / 2021

**03 SILENT- VENTILATOR**  
 INNOVATIVE HYBRID SILENCER  
 COMPACT & ULTRA LOW WEIGHT



SAMCO <sub>2</sub> air circulation system ZDG1001A	
Power consumption module / ventilator	max. 70 / 65 Watts
Max. permissible air flow temperature	-15° to +45° Celsius
Max. allowed humidity	15 – 70 %
Supply voltage	230V AC
Frequency	50; 60 Hz
Air volume flow max.	540 m <sup>3</sup> / h
Sound pressure in 1 meter max.	39 dB(A)



## ABOUT US

The SAMCO<sub>2</sub> GmbH is a spin-off of SAMCO Autotechnik GmbH. In times of global pandemics, the company's mission is to make our indoor air clean and safe again!

To achieve this, we rely exclusively on innovative technologies that are proven to be safe and effective in the fight against viruses and other airborne pollutants.

SAMCO Autotechnik GmbH is a supplier and solutions provider with state-of-the-art manufacturing facilities and an annual production of more than 30 million parts.

## CONTACT US!

☎ +49 (0)2151 – 479 251 – 0

✉ [info@samco2.de](mailto:info@samco2.de)

[www.samco2.de](http://www.samco2.de)

