

# GERM

## The Most Efficient, Effective & Smart Mobile Air & Surface Regeneration Devices in the World

TECHNOLOGY DESIGNED,  
MANUFACTURED & PATENTED IN EU

Air & Surface Treatment mobile devices  
for sterilizing of the air, interiors and surfaces by ozone  
followed by automatic air regeneration to pure oxygen (O<sup>2</sup>)



Pandemic



Innovation




Solution

Our market leading and innovative devices integrate the latest Ozone filtration and treatment techniques with Smart technology to produce a truly unique and potent protected solution. Product features include:

- ISO 9001 – Design and development, manufacture and service of filtration and disinfection equipment
- EN ISO 13485 – Design and development, production and service of active medical devices for disinfection and sterilisation, ozone sterilisers with air regeneration
- CE TUV Certification - product has been tested for safety and found to meet the minimum requirements of the German Equipment and Product Safety Act
  - Fully loaded with safety and monitoring sensors
  - Full remote control, recording and operating functions via Smart Technology
- Customer user access to server via unique login details through App on smartphone, tablet & desktop etc
- Entry level, mid-range and premium level offerings depending on budget and requirements
  - Output and time regulation to suit customer needs
    - Full 1 year parts and service warranty
    - Finance options available
- Patented manipulation of electrostatic, filtration and regeneration technologies
  - Customised features to suit your needs
  - Safer Space approved products



# Mobile Air & Surface Disinfection Machines

	Compliance & Safety								Filtration Capabilities								Smart Remote Control & Monitoring Features/Settings					Customer Service				
	European Medical Device Certification	CE Certification	ISO 9001	ISO 13485	TUV Certification	IP & Patent Protection	People in Place Mode	Safer Space Approved Device	UV Germicidal Lamps	HEPA Filters	Carbon Filters	Ozone to Oxygen Catalytic Converter	Electrostatic Ozone Output Filter	Air Disinfection	Surface Disinfection	Odour & Smell Control	Smart People Detection Switch Off	Start & Finish Time with Variable Output Control	Quiet, Optimal, Standard & Turbo Settings Control	Total System Shut Down Option	Smart Carbon Dioxide Sensors	Smart Ozone Sensors	Smart Humidity Sensors	Smart Temperature Sensors	Full 1 Year Warranty	Finance Options Available
<b>BonaVentum</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<b>BonaZone</b>	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✗	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗	✓	✗	✗	✓	✓
<b>BonaLux</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✗	✓	✗	✓	✗	✓	✓	✗	✗	✗	✗	✗	✓	✓



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**MEDICAL  
DEVICE**  
ISO 9001 & ISO 13485

# BONAVENTUM

## Technical specification

<b>Dimensions</b>	1 830 mm x 750 mm x 1 150 mm
<b>Weight</b>	256 kg
<b>Voltage</b>	1 phase (220 V)
<b>Energy consumption – Full output</b>	1,3 kW/per hour
<b>Air volume at full output</b>	3000 m <sup>3</sup> /per hour
<b>Power of germicidal lamp</b>	15 W
<b>Number of germicidal lamps</b>	10

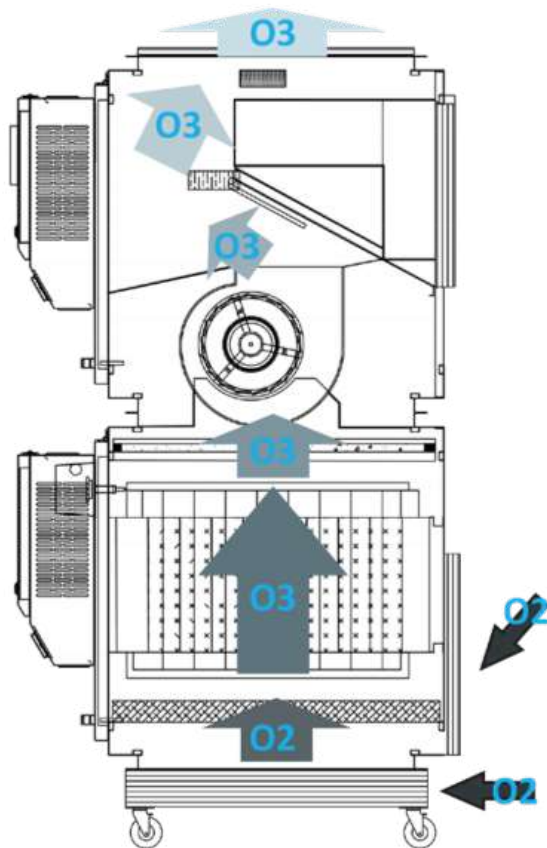
**Bonaventum** is a mobile device for disinfection of air and surfaces by ozone regeneration. Destroys odours, fumes & bad smells by inactivation of organic source.

Bonaventum delivers Alpine Air Quality and Freshness to your facility in the most ecological and effective fashion. In built Hi-End technology allows the device to be operated 100% remotely.

The device does not require any refills. No PPE required to operate.



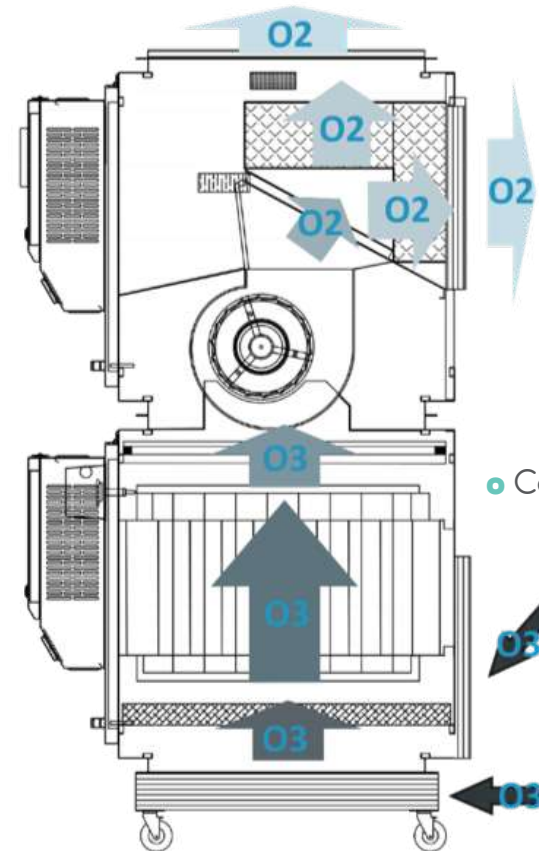
# WHAT MAKES US DIFFERENT?



## OZONING OF ENVIRONMENT

### THE EQUIPMENT

- Retrieves air from the environment
- Bypass the catalytic filter
- Produces ozone  $O_3$  via electrostatic filter directly to the environment



## REGENERATION OF ENVIRONMENT

### THE EQUIPMENT

- Retrieves ozone back from the environment
- Converts ozone back to oxygen  $O_2$  via unique catalytic filter technology

The technology combines complete Environmental filtering and disinfection in one unique high spec device. Fully integrated smart sensor technology that allows for complete remote control and monitoring.

**SMART, INNOVATIVE AND ECOLOGICALLY SAFE SOLUTION WITH REMOTE CONTROL OPERATIONAL FEATURES**

(Motion sensors, frequency converters, environment sensors,  $CO_2$  sensors, etc.)

# REMOTE HANDLING AND MONITORING



Possibility to control, manage and monitor equipment via one smart device



## REMOTE CONTROL OF THE DEVICE

Smartphone, tablet, laptop, desktop, etc.  
Data storage and its further use.



## DEVICE MONITORING

Remote access of maintenance, monitoring and immediate response.

Regular report of logged users and all activities.

Monitoring and maintenance via internet browser.



# Smart Technology Ozone Solution Creating Safer and Healthier Environments

Banks  
Operation Centres  
Student Accommodation  
Shops & Shopping Centres  
Dental Practices  
GP Practices & Hospitals  
Community Centres  
Food Processing  
Waiting Rooms  
Data Centres  
Bars, Cafés & Restaurants  
Schools  
Nurseries  
Factories  
Places of Worship  
Open Plan Offices  
Business Centres  
Nursing Homes  
Hotels and B&Bs  
Warehouses

# BonaVentum

Air & Surface Disinfection

1830mm x 750mm x 1150mm - 256kg - up to 3000m<sup>3</sup> per hour



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**MEDICAL  
DEVICE**  
ISO 9001 & ISO 13485

# BONAZONE



### Technical specification

<b>Dimensions</b>	380 mm x 690 mm x 850 mm
<b>Weight</b>	38 kg
<b>Voltage</b>	1 phase (220 V)
<b>Air output</b>	600 m <sup>3</sup> /per hour

**Bonazone** is a mobile device for disinfection of air and surfaces by ozone.

Market leading and award winning technology ensures your environment will be disinfected in the safest and most ecological way. Full disinfection process can be operated remotely. In-built Safety sensor features. Light & Mobile.

The device does not require any refills or PPE to use.



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MEDICAL  
DEVICE  
ISO 9001 & ISO 13485



# BONALUX

## Technical specification

<b>Dimensions</b>	1350 mm x 450 mm x 450 mm
<b>Weight</b>	38 kg
<b>Voltage</b>	230 V
<b>Energy consumption – Full output</b>	250 W
<b>Energy consumption in optimal mode</b>	175 W
<b>Air volume at full output</b>	500 m <sup>3</sup> /h
<b>Power of germicidal lamp</b>	15 W
<b>Number of germicidal lamps</b>	8
<b>Filtration</b>	G4, UV, Carbon, HEPA & Plasma

**Bonalux** is an effective mobile device for air filtering and disinfection. Eight germicidal lamps and a powerful yet quiet fan ensure continuing disinfection while people are in situ.

Available with a range of filtering options.



**Total Environmental Protection Achieved In Conjunction With TyroSan20**

# CERTIFICATION



— Bundesrepublik Deutschland —

## Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2020 106 529

Bezeichnung:  
Ozonsterilisator mit anschließender Luftregeneration  
IPC:  
A61L 9/015  
Inhaber/Inhaberin:  
Germ s.r.o., Bratislava, SK

Tag der Anmeldung:  
13.11.2020  
Tag der Eintragung:  
07.12.2020  
Priorität:  
27.08.2020 SK PUV 149-2020



Die Präsidentin des Deutschen Patent- und Markenamts

*Cornelia Rudloff-Schäffer*  
Cornelia Rudloff-Schäffer



München, 07.12.2020

Die Voraussetzungen der Schutzfähigkeit werden bei der Eintragung eines Gebrauchsmusters nicht geprüft. Der aktuellen Rechtsstand und Schutzumfang entnehmen Sie bitte dem DPMAregister unter [www.dpma.de](http://www.dpma.de).

### ISO 9001:

Design and development, manufacture and service of filtration and disinfection equipment.

### ISO 13485:

Design and development, production and service of active medical devices for disinfection and sterilization, ozone sterilizers with air regeneration.



**Safer Space  
Approved Devices**

# PATENT PROTECTION



## **Bonaventum:**

Patent for invention and used patterns

## **Bonazone:**

Patent for used patterns



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# AREAS OF USE



One Solution To Replace  
small filtering units, ozonizing  
devices, UVC lamps, UVC cleaning,  
HEPA filtering, disinfection of rooms...



Suitable For Locations With High Human  
Traffic Volume (inc. but not limited to the  
following sectors):

- Retail
- Hospitality
- Education
- Health
- Community & Sport
- Financial Services
- Data Centres & IT
- Public Service Buildings
- Food Processing
- Manufacturing ...etc

