



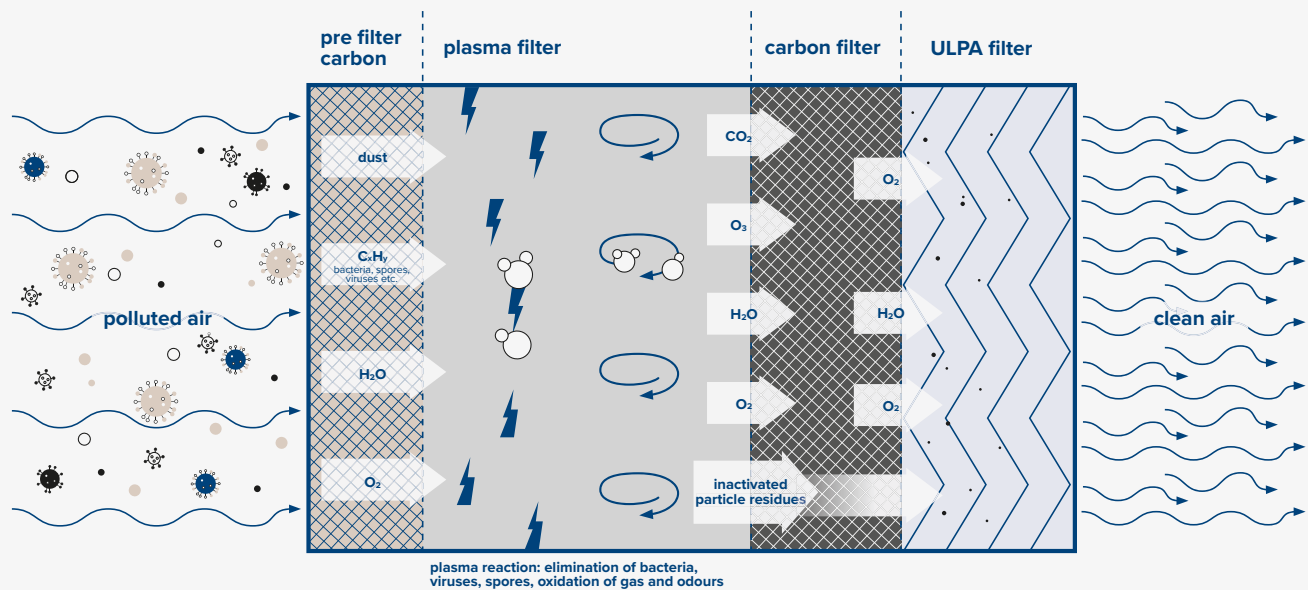
Reference Picture

Our mobile MAVAIR® air purification devices offer you maximum protection against infection by clinical high-performance technology, integrated in a small, light and noiseless device with easy handling.

- ✓ **FAST** germ- and virus-free, odorless air within a few minutes
- ✓ **EFFECTIVE** 99,9995% filtering of even smallest particles (0.1 micrometer) with high-performance ULPA-15 filters
- ✓ **SUSTAINABLE** thanks to cold plasma technology, immediate inactivation of the filtered living particles such as viruses, bacteria and fungal spores by molecular decomposition
- ✓ **POWERFUL** high air circulation rate (4–6 times exchange of the room air per hour, depending on the room volume)
- ✓ **QUIET** 40–50 dB[A] in standard operation mode
- ✓ **WITHOUT SIDE-EFFECTS** no use of chemicals, no heat generation, no disturbing airflows at head level (air outlet at 2.10m height)
- ✓ **SAFE** production and individual approval of the devices according to German medical device standard (DIN 13845)
- ✓ **ROBUST** powder-coated, antibacterial stainless steel housing
- ✓ **PRACTICAL** mobile use, can be positioned anywhere thanks to integrated, lockable rollers
- ✓ **USER-FRIENDLY** simple operation, automatic control of the filter capacity levels thanks to CO<sub>2</sub> sensor
- ✓ **PLUG&PLAY** anywhere connectable to the normal power supply system

**Clinically proven  
TECHNOLOGY  
from Germany**

## 4-D PURIFYING PROCESS



### HIGH EFFICIENCY FILTRATION

By using high-performance ULPA15 filters, even the smallest particles such as viruses with a size of 0.1 micrometers are to 99.9995% reliably filtered out of the room air. (cf. HEPA 13–14 filters are made of glass fiber material and filter particles larger than 0.1 micrometer).

### PERMANENT DECONTAMINATION OF FILTERS

The use of cold plasma leads to a sustainable inactivation of living particles such as viruses, bacteria and fungal spores. From an infectiological point of view, this makes sense in order to avoid the risk of retrograde germination (particles growing through the filter) and a redistribution of the particles into the room air.

### HIGH AIR FILTRATION EFFICIENCY

MavAir® Professional offers an air circulation rate of 800m<sup>3</sup>/h and is suitable for use in rooms up to 60m<sup>2</sup> with a ceiling height of 3.30m. This corresponds to a 4-times air exchange per hour. To exchange larger air volumes or to obtain a higher air exchange rate, several devices can be used simultaneously.

### CLINICALLY PROVEN TECHNOLOGY FROM GERMANY

The 4-stage filter technology was developed by infectiologists, hygienists and engineers for the clinical care of immunocompromised high-risk patients to protect them from airborne infections. The devices are 100% manufactured in Germany according to the German Medical Device Standard (DIN 13845).

### EXAMPLES OF REFERENCES

München Klinik Schwabing, Rot-Kreuz-Klinikum München, Ernst von Bergmann Klinikum, Naturschutzbund Deutschland.

“

In our hospital we have the mobile ULPA filter devices on all relevant wards. Certainly this would be a wise investment for all places where many people come together. The devices consistently exchange the room air and it is impossible for viruses to survive the 1,500 Volt plasma field.”

Quote from Professor Clemens Wendter, Chief Physician of Infectiology, München Klinik Schwabing

## TECHNICAL DATA

### MAVAIR® ADVANCED



Reference Picture

- ▶ Suitable for a room size  $\leq 30\text{m}^2$  with a room height  $\leq 3,30\text{m}$
- ▶ Dimensions: L 465mm x B 422mm x H 760mm
- ▶ Air circulation rate:  $450\text{m}^3/\text{h}$
- ▶ Connection value: 230 V 50 Hz, max. 130 Watt
- ▶ Safety symbol: CE
- ▶ Connection: power supply unit/earthed plug
- ▶ Built-in  $\text{CO}_2$  sensor technology to control the devices
- ▶ Weight: 40kg
- ▶ Filter technology in four stages – 4D:
  - D1: F7 particulate filter
  - D2: Cold plasma filter
  - D3: Activated carbon filter
  - D4: ULPA filter (U15)\*
- ▶ Housing: antibacterial stainless steel (outside: powder-coated, inside: polished)
- ▶ Integrated pressure sensor technology for filter wear analysis
- ▶ Country of manufacture: Germany – "100 % made in Germany"
- ▶ Production: according to medical devices-Standard (DIN 13845)

### MAVAIR® PROFESSIONAL



Reference Picture

- ▶ Suitable for a room size  $\leq 50\text{m}^2$  with a room height  $\leq 3,30\text{m}$
- ▶ Dimensions: L 605mm x B 422mm x H 760mm
- ▶ Air circulation rate:  $800\text{m}^3/\text{h}$
- ▶ Connection value: 230 V 50 Hz, max. 130 Watt
- ▶ Safety symbol: CE
- ▶ Connection: power supply unit/earthed plug
- ▶ Built-in  $\text{CO}_2$  sensor technology to control the devices
- ▶ Weight: 50kg
- ▶ Filter technology in four stages – 4D:
  - D1: F7 particulate filter
  - D2: Cold plasma filter
  - D3: Activated carbon filter
  - D4: ULPA filter (U15)\*
- ▶ Housing: antibacterial stainless steel (outside: powder-coated, inside: polished)
- ▶ Integrated pressure sensor technology for filter wear analysis
- ▶ Country of manufacture: Germany – "100 % made in Germany"
- ▶ Production: according to medical devices-Standard (DIN 13845)

\*ausHigh-performance HEPA filter (ULPA = Ultra-Low Penetration Air) of filter class U15 according to EN1822-1:2009 made of hydrophobic membrane with a local separation efficiency of  $> 99,9995\%$ .

The delivery time is 2–4 weeks, depending on the purchase quantity.

## KONTAKT

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