



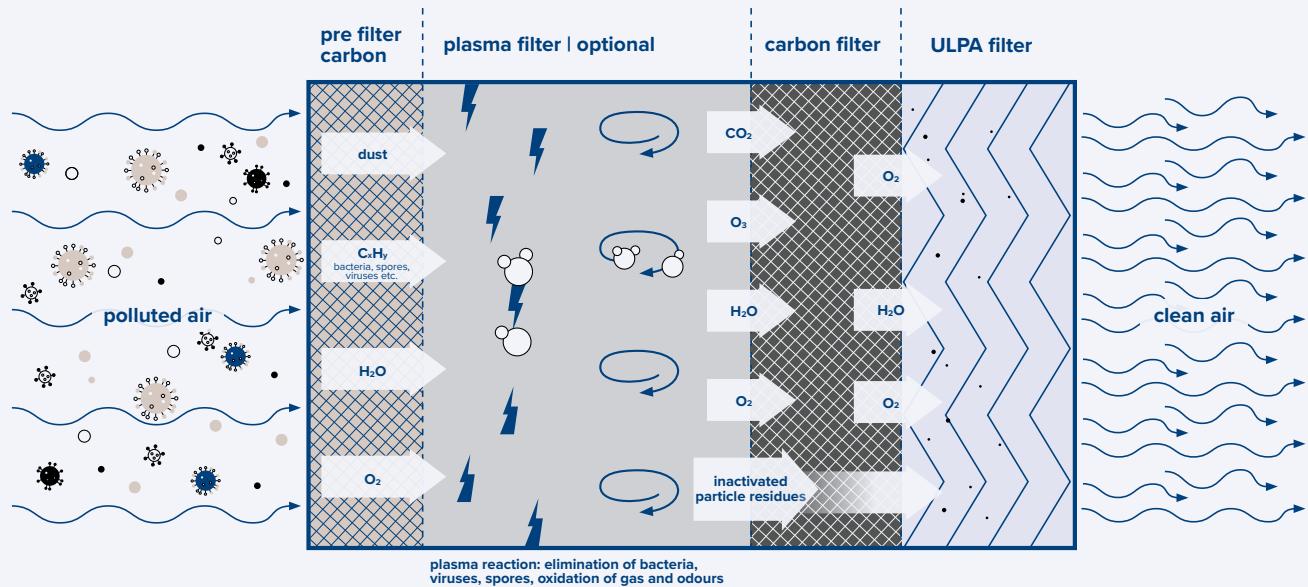
Reference Picture

Our mobile MAVAIR® MEDICAL 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 (EN1822-1)
- ✓ **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 (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
- ✓ **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 particle 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. ULPA filters are 10 times more effective than H14 filters due to their separation efficiency).

### DECONTAMINATION OF FILTERS

On customer request, the cold plasma can be set on, set off or set according to individual needs. 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

The MavAir® Medical devices offer air circulation rates from 450 to 950m<sup>3</sup>/h and are suitable for use in rooms up to 65m<sup>2</sup>. In a room with a height of 2.60m, an air exchange of 6-times per hour can be achieved. 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 Prof. Dr. med Clemens Wendtner, Chief Physician of Infectiology, München Klinik Schwabing**

### MAVAIR® MEDICAL 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 particle sensor to control the devices
- ▶ Weight: 40kg
- ▶ Filter technology in four stages – 4D:
  - D1: F7 particulate filter
  - D2: Cold plasma filter (optional)
  - 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® MEDICAL 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 particle sensor to control the devices
- ▶ Weight: 50kg
- ▶ Filter technology in four stages – 4D:
  - D1: F7 particulate filter
  - D2: Cold plasma filter (optional)
  - 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)

\*High-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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