

# Instruction Manual

## Small Exhaust Unit with Activated Carbon Filter

Type: AK-AAS-600

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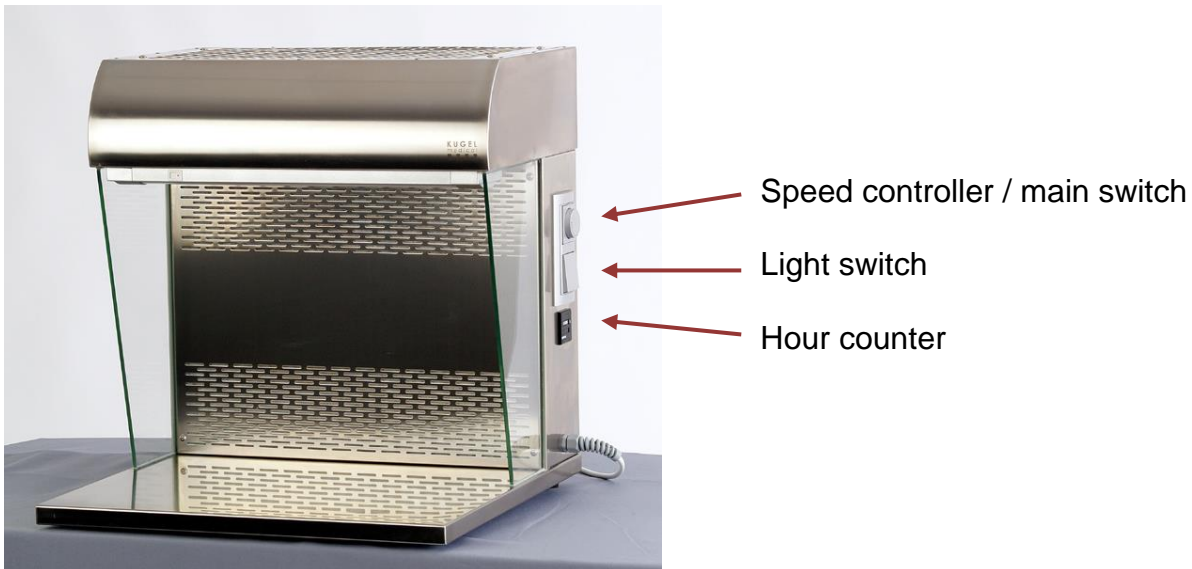
## 1 General Information

### 1.1 Packing Removal and Machine Positioning Operations

We recommend unpacking the appliance as soon as it arrives in order to verify that it is complete and that it has not been damaged during transport. Damage, if any, must be communicated to the carrier in due time, even in the event that such damage is only found during installation. Damaged appliance may not, under any circumstances, be returned to the manufacturer without prior written warning and without the manufacturer's written consent.

### 1.2 Installation

The exhaust unit is to install at a horizontal and even surface. Any surface unevenness can be equalized with the adjustable feet. Please check the correct position with a spirit-level in lengths and cross side.



The counter for the production hours is to control the running time for the active carbon filter cartridge.

## 2 Changing the Active Carbon Filter Cartridge

The active carbon filter is installed on the upper part of the exhaust unit and has to be changed after regular periods. The using time depends on the concentration of the material and the used material. The active carbon filter could be used up to 1000 hours. We suggest changing the filter cartridge at least twice per year.

We suggest to wear the following protective clothing:

- Gloves
- Safety glasses
- respiratory protection mask

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## 3 Maintenance

The exhaust unit is absolutely maintenance-free. Although please check constantly the following items (at least in a period of 3 months):

- Please check, if all screws are set tight
- Clean the complete unit
- Change the active carbon filter cartridge regularly
- Check the electrical cable
- Run the unit only with 230 Volt / 50/60 Hz

## 4. General Maintenance Tips for Stainless Steel

The best thing about stainless steel is that it barely requires maintenance and soiling can be removed easily.

### 4.1 Initial Cleaning / Cleaning / Preventive Measures

After installing the stainless steel devices and/or furniture, an initial cleaning is to be performed to remove any soiling caused by storage, transport or installation works.

Protective films, paper packaging or residues of adhesives are to be removed completely after having installed the devices or furniture otherwise they might lead to corrosion. For cleaning you may only use suitable cleaning agents (see below). Normally, the corresponding cleaning agent is being distributed evenly on the surface with a microfiber cloth. Tough soiling is to be treated with a soft synthetic fleece, e.g.

Then remove cleaning agent stains with clear water and dry the surfaces with soft cloths.

Poorly soluble residues or small scratches can be removed with a suitable non-woven abrasive.

### 4.2 Cleaning Agents / Cleaning Instruments

Cleaning agents and instruments are to be used in accordance with the instructions of the respective producer.

#### 4.2.1 Stainless Steel Polish / Stainless Steel Cleaner

Stainless steel polish – special cleaning product and protective agent for stainless steel. 400ml spray can.

Article No. 060.010.001

Shake spray can before use. Spray from approx. 25 cm distance and let it sink in for a few minutes. Then remove with a clean, dry cloth. You may sterilize and disinfect the surface if necessary afterwards.

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## 4.2.2 Suitable Cleaning Agents

Basically, alkaline cleaning agents are to be used on stainless steel parts only.

Never use cleaning agents that contain hydrochloric acids or bleach. They might lead to discolorations.

## 4.2.3 Descaling Agents

Only use off-the shelf descaling agents for stainless steel.

## 4.2.4 Brushes / Non-Woven abrasives

Brushes made of natural or plastic bristles

Article	Article No.	Grain Size	Dimension L/W
Nylon non-woven abrasive (fine grain)	060.010.002	P 1000	200 x 115mm
Nylon non-woven abrasive (coarse grain)	060.010.003	P 280	200 x 115mm

Cleaning instructions for non-woven abrasives are to be observed provided that it is a ground surface. Always clean towards the grinding pattern, never across.

## 4.2.5 Textiles

Textiles made of natural or chemical fibers. Particularly microfibers are suitable to remove patches or fingerprints from stainless steel surfaces.

Article	Article No	Material	Dimension L/W
Microfiber cloth	060.010.005	80% Polyester 20% Polyamides	400 x 400 mm



DECLARATION OF CONFORMITY

We KUGEL medical GmbH & Co. KG  
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Explain in own responsibility, that the product:

Kind of equipment: Exhaust air units

Type: AK-AAS-600; AK-AAS-900-S, AAS-750, AAS-1200

In compliance with following standard specifications or documents:

Technical regulations: 2006/42/EG, DIN EN 349, VDE 0100

Regensburg, 02.05.2018

Authorized representative signature