

Instruction Manual

Exhaust Unit

Type: AAS-750
AAS-1200

KUGEL medical GmbH & Co. KG
Hermann-Köhl-Str. 2A
93049 Regensburg / GERMANY

Phone +49 941/20 86 48-0
Fax +49 941/20 86 48-29
www.KUGEL-medical.de



KUGEL
medical
■ ■ ■ ■

Instruction Manual

Content

1 General Information	3
1.1 Unpacking the Goods	3
1.2 Commissioning	3
2 Maintenance	4
3 Maintenance Tips for Stainless Steel Surfaces	4
3.1 General Maintenance Tips for Stainless Steel Surfaces	4
3.2 Initial Cleaning / Cleaning / Preventive Measures	4
3.3 Cleaning Agents / Cleaning Instruments	4
3.3.1 Stainless Steel Polish / Stainless Steel Cleaner	4
3.3.2 Suitable Cleaning Agents	5
3.3.3 Descaling Agents	5
3.3.4 Brushes / Non-Woven Abrasives	5
3.3.5 Textiles	5
4 Declaration of Conformity	6

Instruction Manual

1 General Information

1.1 Unpacking the Goods

We recommend unpacking and checking the AAS-750-1200 exhaust unit for damage immediately upon delivery. Immediately inform the forwarder and/or manufacturer in case of any damage, even if this damage is detected during installation of the goods. Damaged goods may only be sent back to us after notice in writing to us and our consent.

1.2 Commissioning

The exhaust unit is to be placed on an even working surface. Check if the working surface is even using a spirit level. Adjust the working surface if it is uneven or inclined to ensure that the exhaust unit stands in horizontal position on the working surface.



There is either a DN 160 or a DN 200 (depending on the model) exhaust air duct on top of the exhaust unit. This exhaust air duct must be connected to a site-mounted ventilation system provided by the customer. The required exhaust air capacity for an AAS-750 model is 200 m³/h. The required exhaust air capacity for an AAS-1200 model is 450 m³/h. Depending on the model, the exhaust air duct is to be adjusted. On the top right side there is a rocker switch for the integrated LED spots. On the bottom right side there is a connection cable with a shockproof plug. Power connection for standard sockets: 230 V / 50 Hz.



CAUTION!

Make sure that the working room is sufficiently ventilated with fresh air to ensure safe and hassle-free use of the exhaust unit.

KUGEL medical GmbH & Co. KG
Hermann-Köhl-Str. 2A
93049 Regensburg / GERMANY

Phone +49 941/20 86 48-0
Fax +49 941/20 86 48-29
www.KUGEL-medical.de



KUGEL
medical
■ ■ ■ ■

Instruction Manual

2 Maintenance

The exhaust unit is virtually maintenance-free. However, regularly check the unit upon the following points (at least every 3 months):

- Check if all screws and joints are tightened
- Cleaning of the entire unit

3 Maintenance Tips for Stainless Steel Surfaces

3.1 General Maintenance Tips for Stainless Steel Surfaces

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

3.2 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 completely removed 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 evenly distributed 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.

3.3 Cleaning Agents / Cleaning Instruments

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

3.3.1 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.

Instruction Manual

3.3.2 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!

3.3.3 Descaling Agents

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

3.3.4 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.

3.3.5 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
Hermann-Köhl-Straße 2A
DE - 93049 Regensburg / GERMANY

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