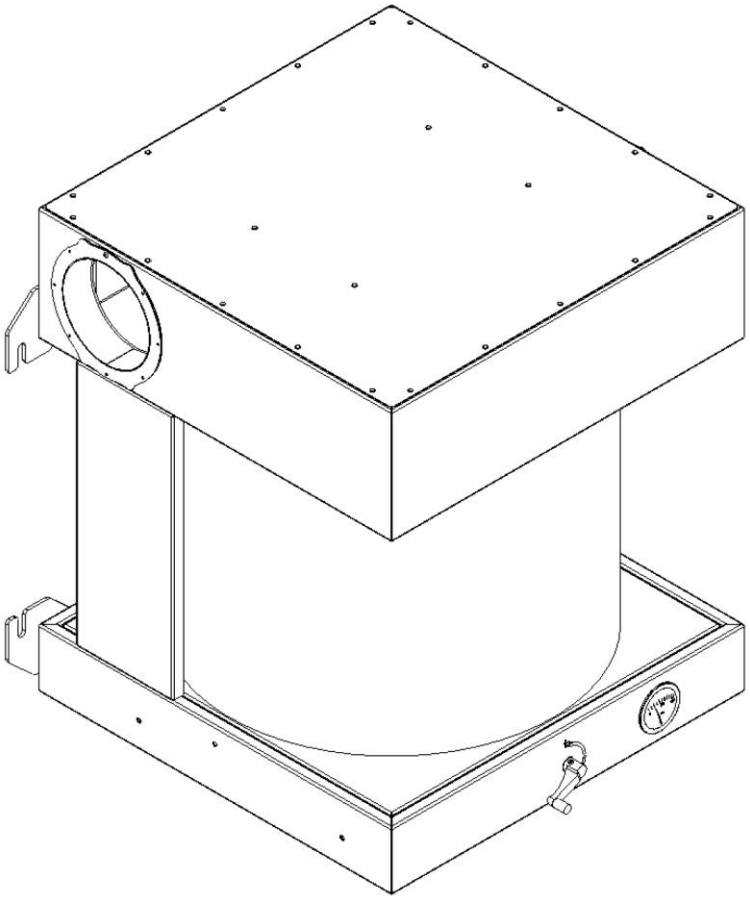
KEMPER®



WallMaster

EN – Operating Manual

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1 General

1.1 Introduction

This manual is an essential aid for the proper and safe operation of the product.

These operating instructions contain important information to ensure safe, proper and efficient operation of the product. Observing these instructions helps avoiding danger, reducing repair costs and downtimes and increasing the reliability and service life of the product. The operating instructions must be kept available at all times and have to be read and applied by every person who is assigned to work on or with the product.

These include amongst others:

- the operation and troubleshooting during operation
- the maintenance (care, maintenance, repair)
- the transport
- the assembly
- the disposal

Technical modifications and errors expected.

1.2 References to copyright and industrial property rights

These Operating Instructions should be kept confidential. They should be made accessible only to authorised persons. They may be passed on to third parties only with the written consent from KEMPER GmbH, referred to as manufacturer in the following.

1.3 Notes for the operating company

The operating instructions are an essential part of the product.
The operating company must ensure that the operating personnel is aware of the contents of this manual.

Based on national regulations for accident prevention and environmental protection, the operating instructions are to be supplemented by the operating company's own operating instructions, including information on regulatory and reporting requirements to meet specific operating requirements, such as work organisation, work flow and staff employed. In addition to the operating instructions and the relevant obligatory regulations for accident prevention applicable in the country of use, it is also imperative to comply with the recognised technical rules for safe and professional handling.

Without prior consent from the manufacturer, the operating company may not carry out any changes, conversions or additions to the product which may impair safety. Spare parts used must comply with the manufacturer's specified technical requirements. This is always the case with original replacement parts.

Only use trained and instructed staff for the operation, maintenance, repair and transport of the product. Clearly define for staff who is responsible for operation, maintenance and transport.

2 Safety

2.1 General information

The product is designed and built according to state-of-the-art technology and the recognised safety rules and regulations. When operating the product, technical hazards for the operator or impairment of the product as well as other property may occur, if:

- it is not operated by trained or instructed personnel
- it is not used for the purpose intended and/or
- it is improperly maintained

2.2 Information on signs and symbols

⚠ DANGER

This symbol in conjunction with the signal word "Danger" indicates imminent danger. Non-adherence of the safety note leads to death or serious injuries.

⚠ WARNING

The symbol in conjunction with the signal word "Warning" indicates a potentially dangerous situation. Non-adherence to the safety notice may lead to death or serious injuries.

⚠ CAUTION

The symbol in conjunction with the signal word "Caution" indicates a potentially dangerous situation. Non-adherence of the safety note may lead to slight or negligible injuries.
May also be used for warnings against property damage.

NOTE

The general information is simple additional information which does not warn about personal injury or property damage.

1. Enumerations of action steps are marked as numbers with a dot, where the order is important.

- Bullet points indicate lists of parts in a legend or instructions for which the sequence is unimportant

2.3 Markings/signs to be affixed by the operating company

The operating company is obliged to post further markings and signs on the product and the surrounding area if necessary.

Such markings and signs might be related, for example, to the requirement for wearing personal protective equipment.

2.4 Safety instructions for operating staff

Before use, the operator of the product must be instructed through information, instructions and training on the handling of the product and the materials and aids to be used.

The product system may only be used in technically perfect condition, for its intended purpose, in full awareness of the safety aspects and potential dangers and in accordance with these instructions. All errors, especially those that may affect safety, must be removed immediately.

Every person who is charged with commissioning, operation or maintenance must have fully read and understood these operating instructions. This specifically applies to staff who only operate the product occasionally.

The operating instructions must always be within reach of the product.

We accept no liability for any damages or injuries caused by failure to observe these operating instructions.

The relevant accident prevention regulations and other generally recognised safety and occupational health regulations must be observed.

The responsibilities for the various activities included in maintenance and repair must be clearly defined and adhered to. Only then will human error - especially in dangerous situations - be avoided.

The operating company is to enforce wearing of personal protective equipment by operating and maintenance staff. These include in particular safety shoes, safety glasses and gloves.

Do not wear loose, long hair, loose clothing or jewellery. In theory, there is a risk of getting caught on something, or being pulled in or dragged along by moving parts.

If there are any safety-related changes to the product, immediately halt the process, secure it and report the occurrence to the relevant authority/person!

Work on the product may only be carried out by reliable, trained staff. Observe the minimum legal age.

Staff who require training, teaching or instructing or staff who undergo a general apprenticeship may only operate the product under the supervision of an experienced member of staff.

2.5 Safety instructions for maintenance/troubleshooting

Service and maintenance doors must be freely accessible at all times.

Setting up, maintenance and repair work and troubleshooting must only be performed when the product is switched off.

Always tighten bolt connections that have been loosened during repair work. If specified, tighten the relevant bolts with a torque wrench.

In particular, protect connections and screw connections from dirt or care products at the beginning of maintenance/repair/care

The time frames for periodic testing/inspections stipulated or specified in the operating instructions must be observed.

Before disassembling, mark the parts that belong together.

2.6 Notes regarding special types of hazard

⚠ DANGER

Suspended loads

Tipping or falling loads lead to severe to fatal injuries.

- Never step under suspended loads.
- Always remain outside the danger zone.
- Observe the total weight, attachment points and centre of gravity of the load.
- Observe the transport instructions and symbols on the transported goods.

⚠ WARNING

Health hazards caused by welding fume particles

Do not inhale welding dust / smoke! Serious injury to the lungs and respiratory tract is possible!

Sweat smoke contains substances that can cause cancer!

Skin contact with cutting and welding fumes etc. can cause skin irritation in sensitive persons!

Repair and maintenance work on the product may only be carried out by trained and authorised personnel while complying with the safety rules and the applicable accident prevention regulations.

To avoid contact with and inhalation of the dust particles, wear disposable overalls, protective goggles, gloves and a suitable Class FFP2 respiratory protection filter mask in accordance with EN 149.

The release of hazardous dust particles during repair and maintenance is to be avoided to ensure that persons not charged with the task are not affected.

3 Product information

3.1 Functional Description

The product is a compact welding fume filter device (wall-mounted) that extracts welding fumes and extracts them with a filter efficiency of more than 99%.

The product has been specially developed to upgrade or retrofit fan-operated products with filter technology.

Contaminated air is fed into the product via the inlet connections above the product. The air flows through the filter medium and is returned to the working area below the product as clean air. Optionally, the exhaust air can also be routed to the outside via a hose connection.

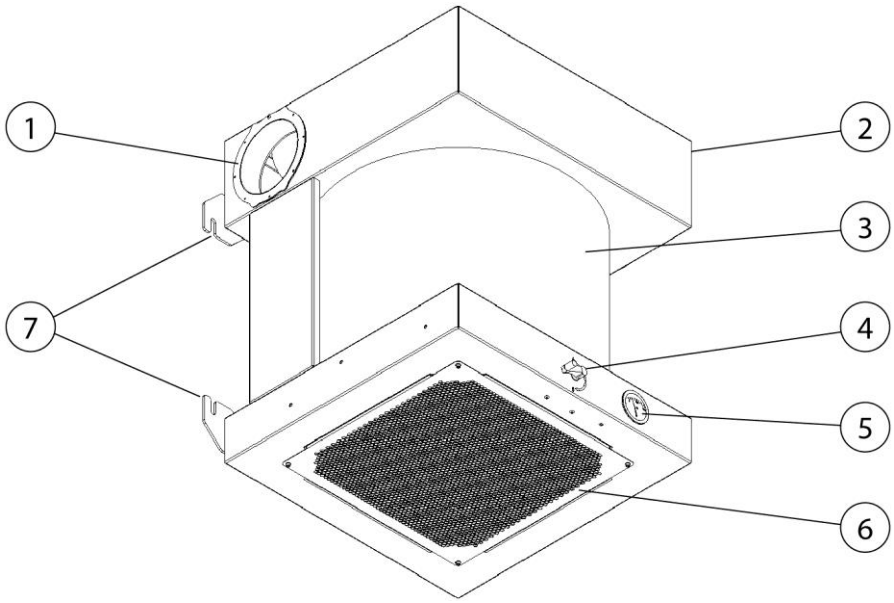


Fig. 1: Positions on the product – recirculation operation

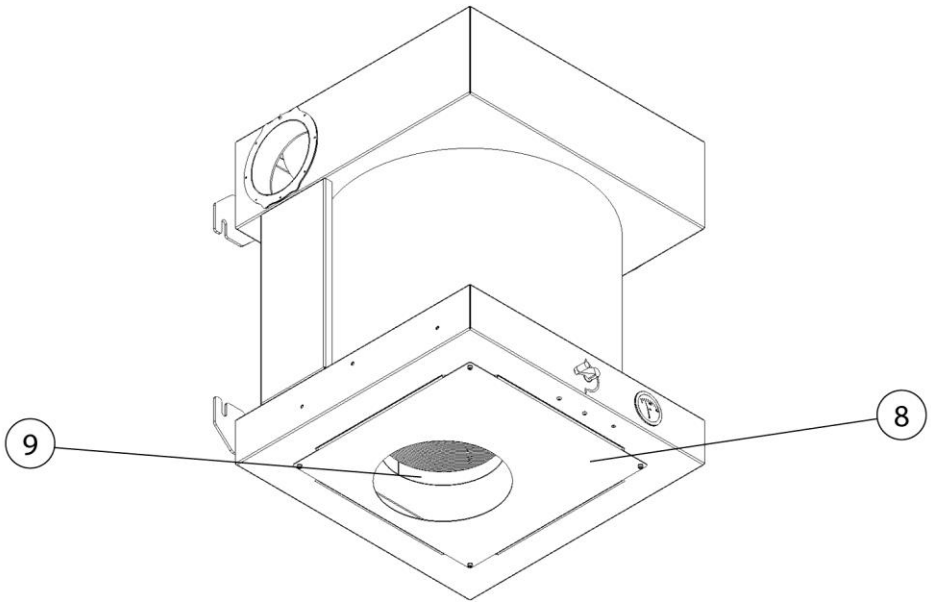


Fig. 2: Positions on the product – exhaust air operation

Pos.	Designation	Pos.	Designation
1	Inlet connection 1	6	Clean air outlet grille
2	Inlet connection 2	7	Wall mount bracket
3	Filter element	8	Cover plate for optional exhaust air operation
4	Lifting device filter change	9	Hose connection piece for optional exhaust air operation
5	Differential pressure indicator		

Tab. 1: Positions on the product

Application example:

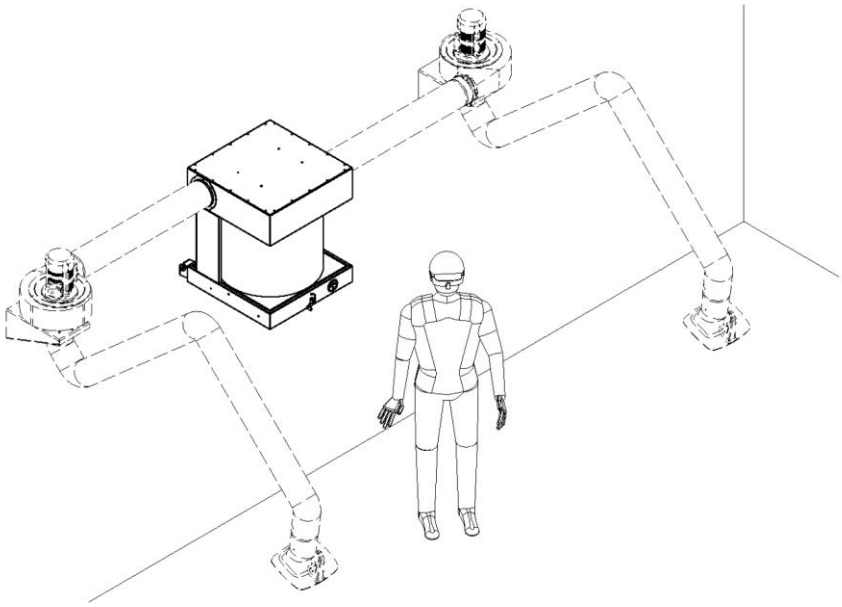


Fig. 3: Application example

Note: Attachment parts are not included in the scope of supply of the product.

3.2 Intended use

The product is designed to extract and filter out the welding fumes produced when welding metallic materials at the point of origin. In general, the product can be used for all work processes in which welding fumes are released. However, care must be taken that no glowing sparks are drawn into the product.

Dimensions and further product details that must be observed can be found in the technical data.

NOTE

Only products labelled with the W3 sticker have been tested and certified accordingly. See also chapter Technical data: Welding fume class and test standard.

NOTE

When welding alloyed or high-alloy steels with filler metals above 5% chromium/nickel, carcinogenic CMR substances (carcinogenic, mutagenic, reprotoxic) are released. In accordance with official regulations, only tested and approved products may be operated in Germany to extract these harmful smoke particles using the so-called recirculation method.

Only products that meet the requirements of welding fume separation class W3/IFA certified may be operated for the aforementioned welding processes using the recirculation method.

When extracting welding fumes with carcinogenic components (e.g. chromates, nickel oxides, etc.), the requirements of TRGS 560 (technical rules for HAZMAT) and TRGS 528 (welding work) must be obeyed.

NOTE

The information in the "Technical data" chapter must be observed and strictly adhered to.

Intended use also includes observation of the instructions and information on

- safety
- operation and control
- maintenance and servicing

contained in this manual.

Any other use or use going beyond this is considered improper use. The company operating the product is solely responsible for any damage resulting from it. This also applies to unauthorised modifications to the product.

3.3 General requirements in accordance with DIN EN ISO 21904

NOTE

Connection of ducting systems, extraction arms and hoses.

Ducting systems, extraction arms and hoses connected to the product can lead to a pressure drop and must be taken into account by the system designer or user.

The connected components must be suitable for the product and ensure the required minimum volume flow (extraction capacity).

A possible design of the ducting can be requested from the manufacturer.

The connected components must be checked regularly for proper seating, leaks and blockages.

The required extraction capacity must be checked at the central extraction element.

NOTE

Returning the air to the workplace atmosphere

In some Federal States, recirculation of air into the workplace atmosphere is not recommended or is prohibited. It may be necessary to conduct the exhaust air to the outside via a duct.

3.4 Reasonably foreseeable misuse

No reasonable, foreseeable misuse is possible that could lead to dangerous situations with personal injury when working with the product whilst adhering to its intended use.

The operation of the product in industrial areas that do not comply with the requirements for explosion protection is not permissible.

Furthermore, the operation is prohibited for:

1. Processes that are not in the intended use list and in which the extracted air is:

- is mixed with sparks, e.g. from grinding processes, which due to their size and quantity might lead to damage to the filter media or even to a fire;

- mixed with liquids and the resulting contamination of the air flow with vapours containing aerosols and oils;
- mixed with highly flammable, combustible dust and/or with substances that can form explosive mixtures or atmospheres;
- is mixed with other aggressive or abrasive dust that could damage the product and the filter elements employed;
- is mixed with organic, toxic substances or a proportion of substances that are released when cutting the material.

2. Outdoor locations where the product is exposed to weather conditions because the product must only be installed in closed buildings.
   If there is an outdoor variant of the product available, this may be installed outside. Please note that additional accessories may be required for the outdoor installation.

3.5 Markings and signs on the product

Various markings and signs are affixed to the product. If these are damaged or removed, please replace them immediately with new ones in the same location.

The operating company is obliged to post further markings and signs on the product and the surrounding area if necessary.

Such notes and signs might be related, for example, to the requirement for wearing personal protective equipment.

In the country of use, additional required safety instructions and pictograms can be provided by the manufacturer in accordance with applicable law.

3.6 Residual Risk

Even when all safety rules are observed, when operating the product a residual risk remains, as described below.

All persons working on and with the product must be aware of these residual risks and follow the instructions that prevent these residual risks from causing accidents or damages.

⚠ WARNING

Danger of serious injury to the lungs and respiratory tract – always wear respiratory protection, Class FFP2 or higher.

Skin contact with welding fume particles may cause skin irritation in sensitive persons – wear protective clothing.

Before starting the welding process, ensure that the product is properly adjusted and in operation. The filter elements must be complete and in undamaged condition.

The connected detection element must reliably detect the welding fumes. For the correct positioning, refer to the documentation of the detection element.

When changing the filter inserts, skin contact with the separated dust particles may occur and parts of the dust particles may also be stirred up by the work. Respiratory protection and protective clothing must be worn.

Embers in the filter elements may cause smouldering fires – switch off the product, close the damper flap in the collection element if fitted and let the device cool down in a controlled manner.

4 Transport and Storage

4.1 Transport

⚠ DANGER

Life-threatening crushing possible when loading and transporting the product!

Improper lifting and transporting may cause the pallet (if present) to tilt and fall!

- Never stand under suspended loads.
- Observe the permissible loads of the transport and lifting aids.
- Observe the applicable accident prevention and occupational safety regulations.

For transporting products with a pallet, use a suitable pallet truck or forklift.

The weight of the product can be found on the name plate.

4.2 Storage

The product must be stored in its original packaging at an ambient temperature of 20 °C to +50 °C in a dry and clean place. The packaging must not be loaded by other objects.

The storage duration is not critical for all products.

5 Assembly

Instructions for safe installation of the product

NOTE

The operating company of the product may only assign specialists to carry out independent assembly.

- At least two people are needed to assemble the product.
- Only use suitable transport and lifting equipment.
- It must be ensured that the assembly location provides sufficient load-bearing capacity.
- Only use suitable fixing material.
- The fixing material must be selected according to the local conditions.
- The product must not obstruct anyone in their working area.
- Existing air outlet grilles must not be covered.
- Existing maintenance doors and covers must be freely accessible.

⚠ DANGER

Falling parts may cause life-threatening injuries!

Tipping or falling loads lead to severe to fatal injuries.

- Never step under suspended loads.
- Always remain outside the danger zone.
- Observe the total weight, attachment points and centre of gravity of the load.
- Observe the transport instructions and symbols on the transported goods.

⚠ WARNING

Incorrect connections may cause serious injuries!

Please note the necessary safeguards and only have the product connected by trained specialists.

5.1 Unpacking and assembling the product

Preparation for assembly:

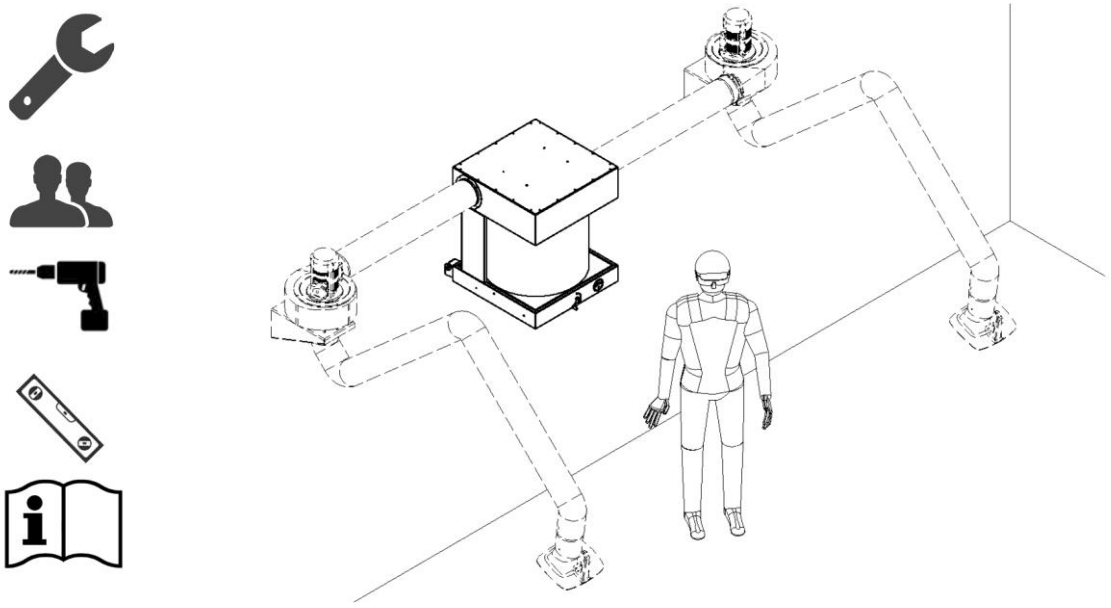


Fig. 4: Preparation for assembly

Scope of supply:

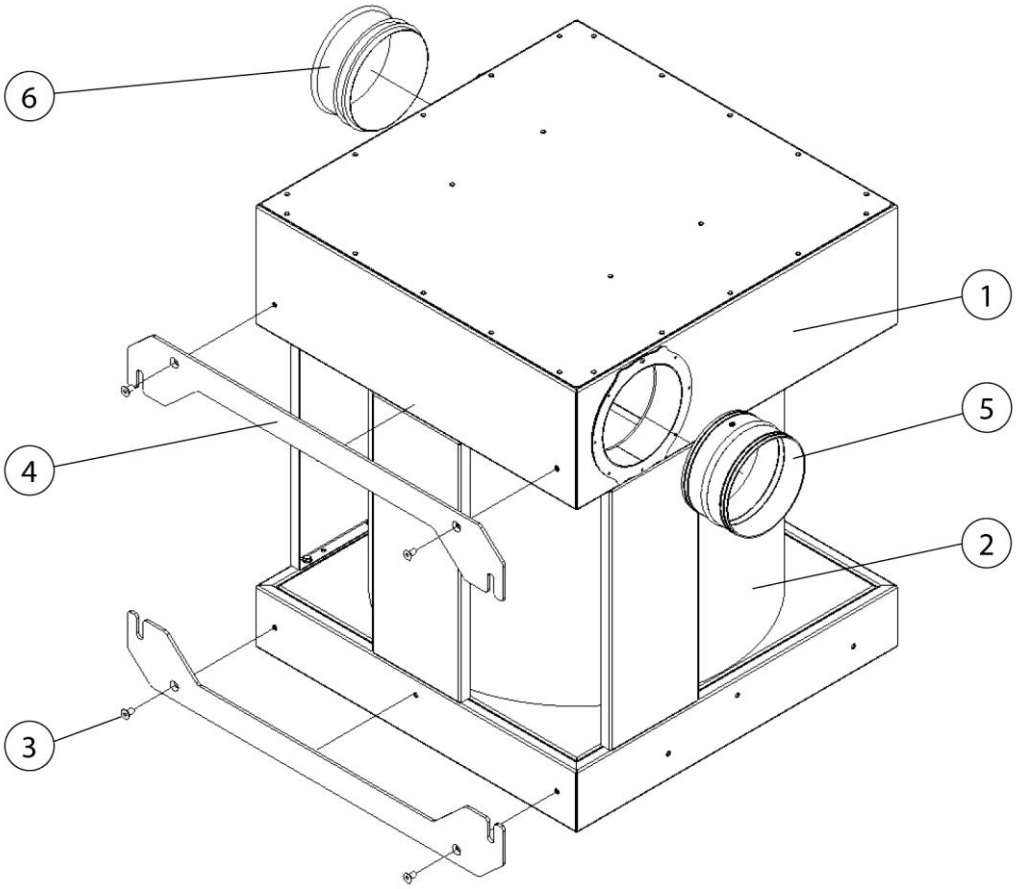


Fig. 5: Scope of supply + assembly

Item	Description	Item	Description
1	Product	4	Wall mounting plate (2 x)
2	Filter element	5	Plug connector (2 x)
3	Screw (4 x)	6	End cover (1 x)

Tab. 2: Scope of supply + assembly

Carry out assembly as follows:

1. Remove the packaging material and the tensioning straps from the product.
2. Screw the 2 x wall mounting plates (item 4) to the back of the product with the screws (item 3).
3. Push the plug connectors (item 5) into the inlet opening on the product as far as they will go.
4. If only one inlet opening is used, the unused inlet opening must be closed with the end cap (item 6).

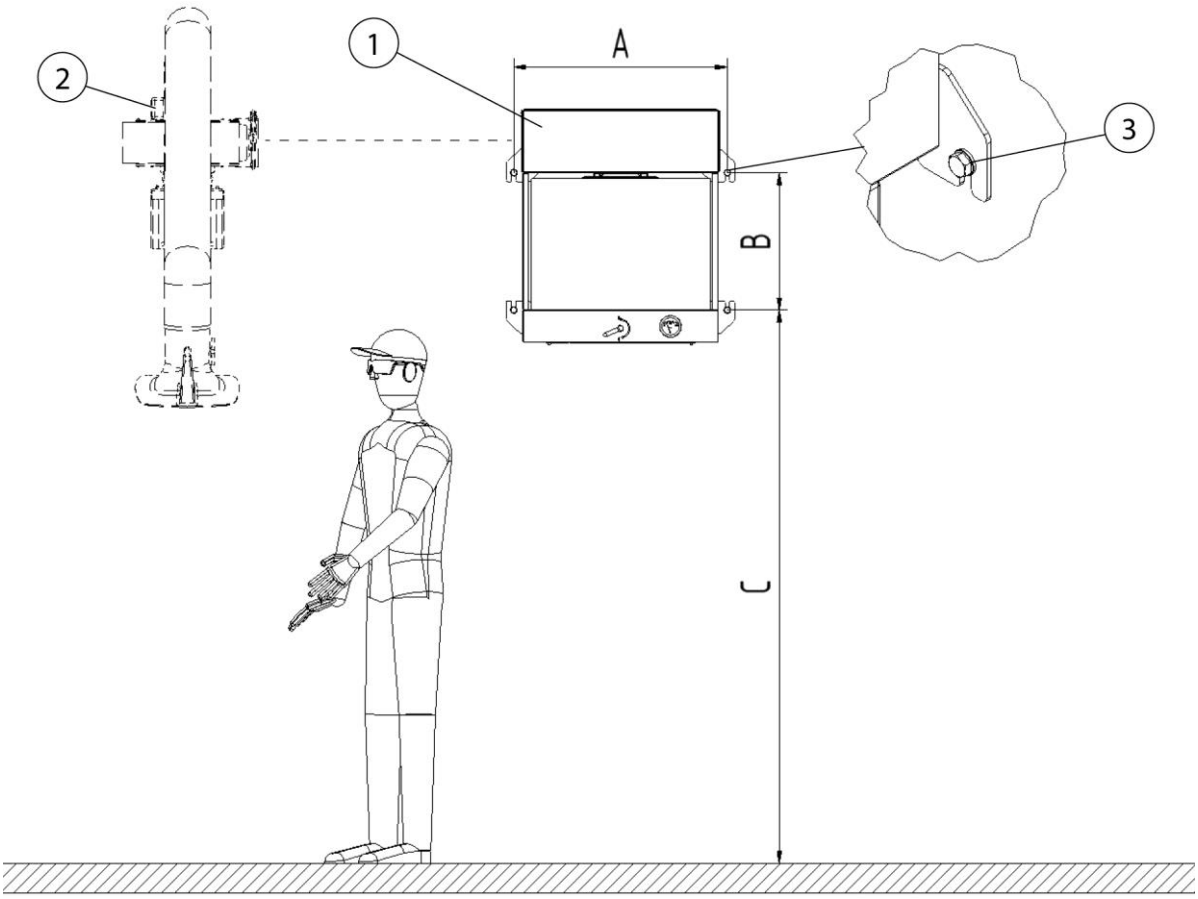


Fig. 6: Positioning the product

Item	Description	Item	Dimension
1	Product	A	715 mm
2	Exhaust set (not included in the scope of supply)	B	458 mm
3	Screw + washer 4 x each (not included in the scope of supply)	C	According to local conditions

Tab. 3: Positioning the product

5. Mark the four drill holes according to the drilling pattern/table at the assembly location. Make sure that there is sufficient distance to the ceiling for the installation of the optionally available attachments.
6. Drill the four drill holes according to the instructions and then insert suitable dowels.

7. Lift the pallet with the product using a suitable lifting tool, e.g. forklift truck, to the height of the drill holes and tighten 4x suitable screws and washers to the wall or column.
8. Firmly tighten the screws. Ensure that the product is securely held before lowering the pallet using the lifting tool.

NOTE

If add-on products are also present, follow the appropriate manuals when assembling them.

5.2 Assembly – Exhaust air operation

The product is a compact welding fume filter device that extracts welding fumes and extracts them with a filter efficiency of more than 99%. The air is returned below the product directly to the working area as clean air.

In some regions, it is necessary to guide the cleaned air outside as exhaust air.

Carry out assembly as follows:

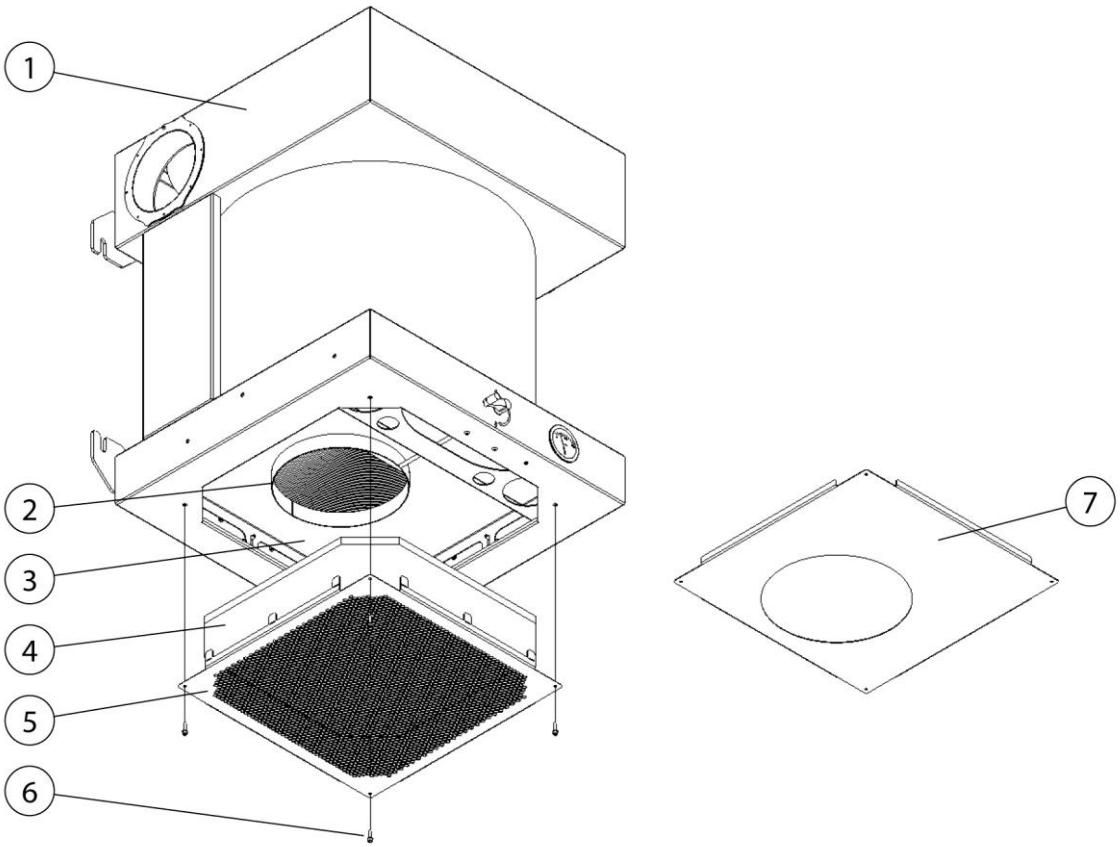


Fig. 7: Exhaust air operation assembly

Item	Description	Item	Description
1	Product	5	Clean air outlet grille
2	Connection piece Ø 250 mm	6	M5 hexagon socket screw (4 x)
3	Lifting device	7	Cladding panel
4	Sound insulation mat		

Tab. 4: Exhaust air operation assembly

1. Remove the clean air outlet grille (item 5) and the prefilter mat (item 4) by loosening the four hexagon socket screws (item 6).

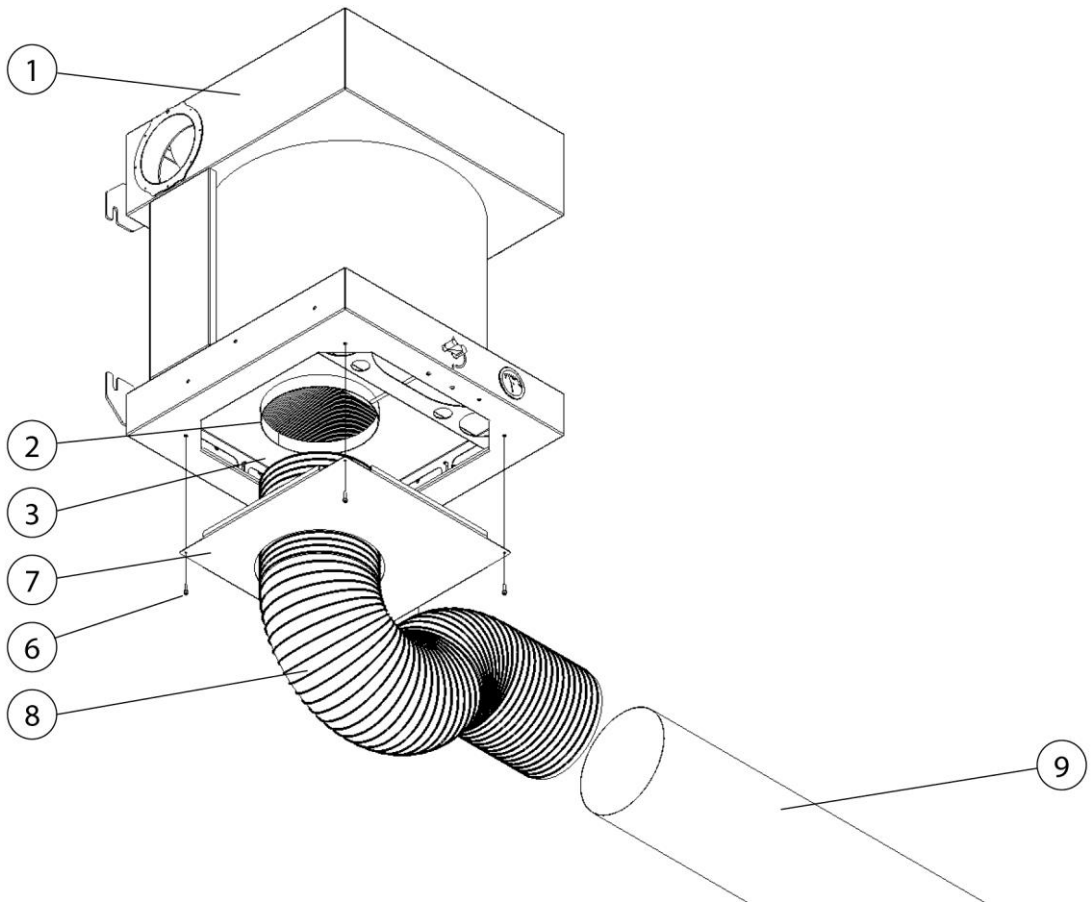


Fig. 8: Exhaust air operation assembly

Item	Description	Item	Description
1	Product	6	M5 hexagon socket screw (4 x)
2	Connection piece Ø 250 mm	7	Cladding panel
3	Lifting device	8	Exhaust air hose with hose clamps (not included in the scope of supply)
		9	Ducting system (not included in the scope of supply)

Tab. 5: Exhaust air operation assembly

2. Fasten the exhaust air hose (item 8) to the connection piece (item 2) with a hose clamp.

NOTE

Function of the lifting device

To maintain the function of the lifting device (item 3), only one flexible exhaust air hose (item 8) may be connected to the connection piece (item 2).

3. Fasten the cover plate (item 7) to the product with the four hexagon socket screws (item 6).
4. Depending on the local conditions, connect the exhaust air hose (item 8) to a wall outlet or a ducting system (item 9) and then fix it in place with a hose clip.

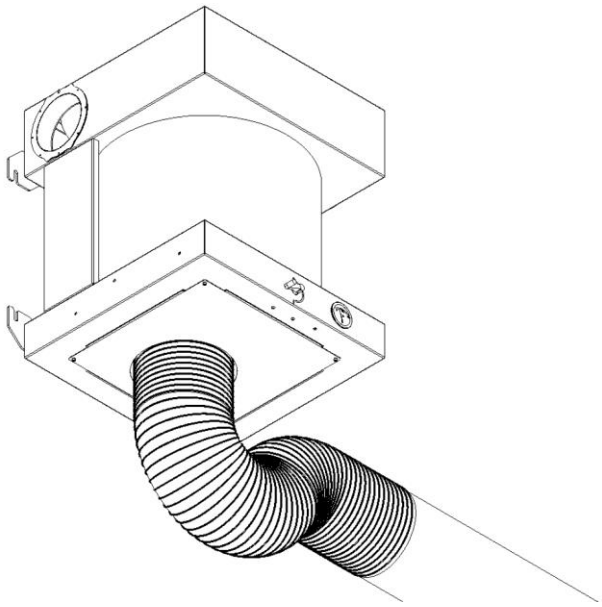


Fig. 9: Exhaust air operation assembly

6 Use

Every person who deals with use, maintenance and repair of the product must have thoroughly read these operating instructions as well as the instructions for any attachment and accessory products and have understood them.

6.1 Qualification of the operating personnel

The operating company of the product may only commission persons to use the product independently if they are well-versed in this task.

Those familiar with this task includes those who have been instructed appropriately in the task and know the operating instructions as well as the operational issues in question.

The product should only be used by trained or instructed personnel.
This is the only way to ensure safety and hazard awareness of all personnel during work.

6.2 Operating controls

The differential pressure indicator and the crank for the lifting device are on the front of the product.

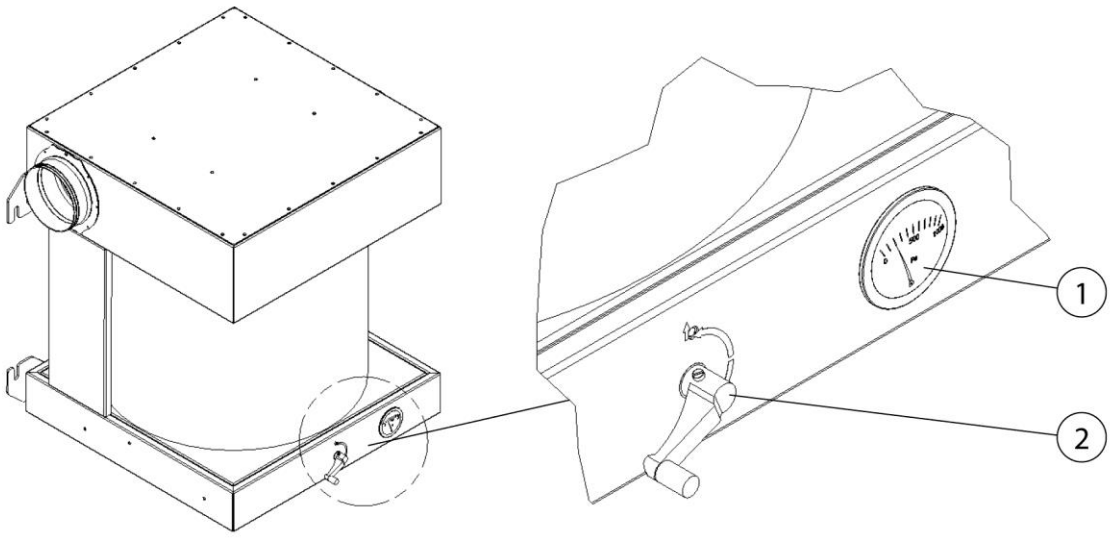


Fig. 10: Operating controls

Pos.	Designation	Pos.	Designation
1	Differential pressure indicator	2	Crank – lifting device for filter element

Tab. 6: Operating controls

- **Differential pressure indicator (item 1)**
  used to monitor the filter element.
  If the degree of saturation (contamination) of the filter increases, the differential pressure also increases. If the differential pressure exceeds a specific value, a filter change is necessary.

- **Crank lifting device (item 2)**
  The crank (item 2) is used to fix the filter cartridge in place.
  Lowering the lifting device (releasing the filter cartridge): Clockwise direction of rotation, lifts the lifting device (fix the filter cartridge in place): Anticlockwise direction of rotation

See also chapter "Troubleshooting or filter change"

6.3 Commissioning services

⚠ WARNING

Danger in case of faulty system condition.

The product must be fully installed before commissioning begins.

If there is a fault, please refer to the “Troubleshooting” chapter.

7 Maintenance

The instructions in this chapter are intended as minimum requirements. Depending on the operating conditions, further instructions may be required to keep the product in optimal condition.

The maintenance and repair work described in this chapter must only be performed by specially trained repair personnel of the operating company.

Spare parts used must comply with the manufacturer's specified technical requirements.

This is guaranteed if original spare parts are used.

The safe and environmentally friendly disposal of operating materials and replacement parts must be ensured.

The safety instructions in these operating instructions must be observed during maintenance work.

7.1 Care

The care of the product is essentially limited to cleaning all surfaces of the product and – if present – checking the filter inserts.

The warning notices listed in the chapter "Safety notes for maintenance and fault removal" must be observed.

NOTE

The product may not be cleaned with compressed air. This may result in dust and/or dirt particles getting into the ambient air.

Proper care helps to maintain the product in a continuous functional state.

For optimum care and cleaning of the powder-coated surfaces, the following must be observed:

- Thoroughly clean the product monthly or as needed.
- Clean the exterior areas of the product with a suitable industrial vacuum cleaner of dust classification H or with damp soft cloths/industrial cotton wool.
- For stubborn dirt, use commercially available household cleaners. Avoid vigorous rubbing.
- Do not use any abrasive agents that scratch.
- Do not use any acidic or strongly alkaline cleaning agents.
- Do not use organic solvents containing esters, ketones, alcohols, hydrocarbons or similar.

7.2 Maintenance

NOTE

The quality standard can only be guaranteed if original spare parts are used.

The manufacturer accepts no liability for damage caused by the use of non-original parts.

All maintenance work must be recorded in the maintenance logbook.

7.2.1 Changing the filter – Safety instructions

The life of the filter inserts depends on the type and amount of deposited particles.

As the dust accumulation in the filter increases, its flow resistance increases and the extraction capacity of the product decreases.

Even with products that may have automatic filter cleaning, adhering deposits can reduce the extraction capacity.

A filter change is required.

⚠ WARNING

Health hazards caused by welding fume particles

Do not inhale welding dust / smoke! Serious injury to the lungs and respiratory tract is possible!

Sweat smoke contains substances that can cause cancer!

Skin contact with welding fume particles can cause skin irritation in sensitive individuals.

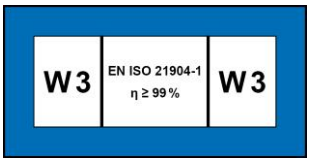
To avoid contact with and inhalation of these dust particles, wear disposable overalls, protective goggles, gloves and a suitable Class FFP2 respiratory protection filter mask in accordance with EN 149.

⚠ WARNING

Cleaning the filter inserts is not permitted. This inevitably leads to damage to the filter element, meaning the filter ceases to function and hazardous substances enter the air.

During the work described in the following section, pay particular attention to the seal on the main filter. Only an undamaged seal allows the product to achieve a high filter efficiency. Main filters with a damaged seal must therefore be replaced every time.

NOTE



Products with W3 certification according to requirements for W3/IFA certified welding fume separation class. (See "Technical data" chapter)

The W3 approval becomes void if:

- The product is used other than as intended or is subject to constructive modifications.
- Non-original spare parts, in accordance with the spare parts list, are used.

- Only original replacement filters, because they guarantee the necessary filter efficiency and are matched to the product and its performance characteristics.
- Switch the product off using the on/off switch.
- Secure the product against unintentional switching on. If available, pull out the mains plug or secure the main switch in the 0 position with a padlock.
- Disconnect the pressure supply, if present, and let the compressed air present in the product flow out via the condensate drain valve.

7.2.2 Changing filters

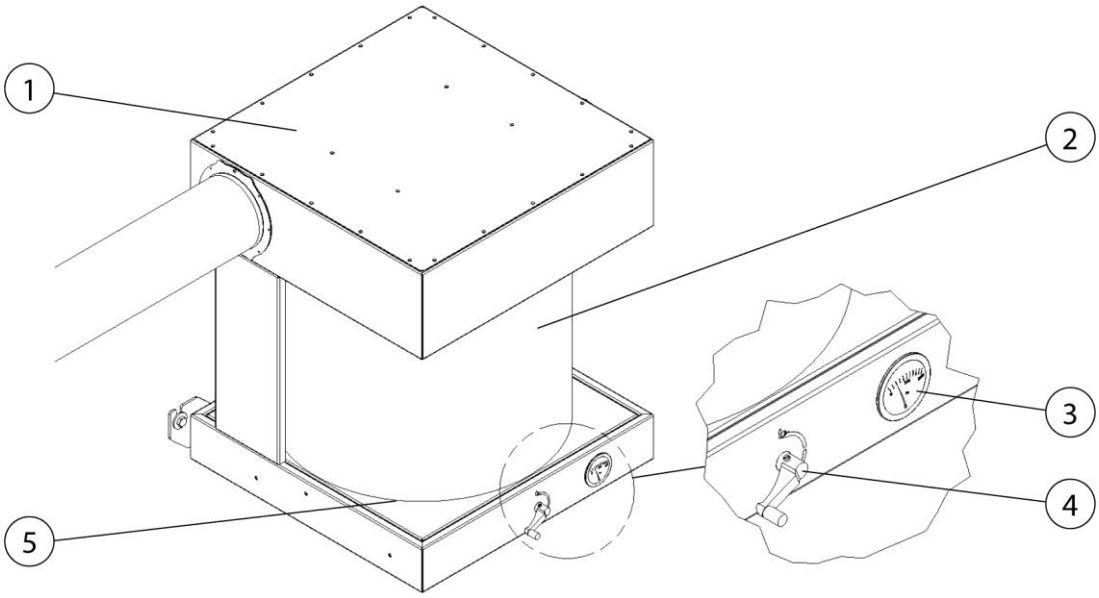


Fig. 11: Changing filters

Item	Description	Item	Description
1	Product	4	Crank – lifting device for filter replacement
2	Filter element	5	Mounting frame/Lifting device
3	Differential pressure indicator		

Tab. 7: Changing filters

Perform the filter change as follows:

1. Take the product out of service. See also notes on operating instructions of the attachment parts.

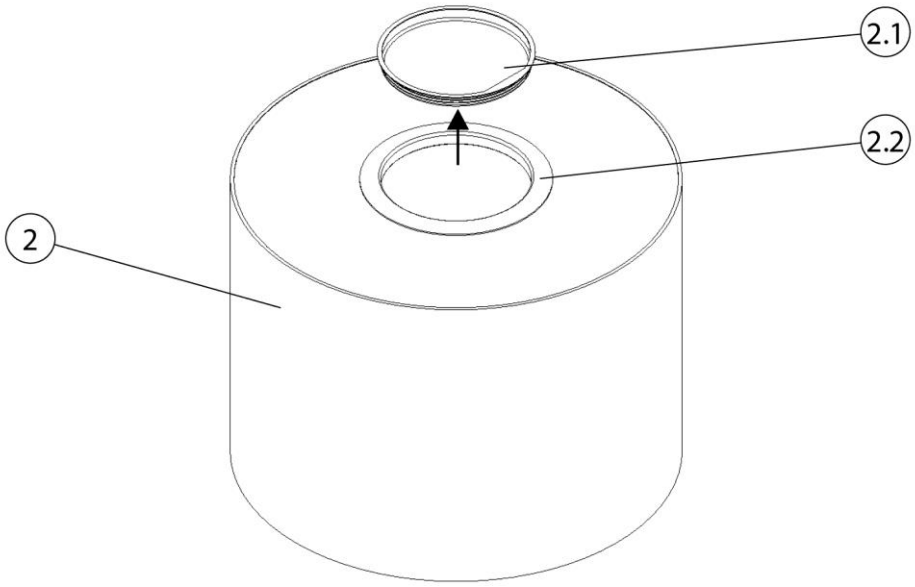


Fig. 12: Filter element

Item	Description	Item	Description
2	Filter element	2.2	Gasket ring
2.1	Sealing cap		

Tab. 8: Filter element

2. Unpack and prepare a new filter element (item 2).
3. Remove the sealing cap (item 2.1). Ensure the sealing ring (item 2.2) is not damaged in the process.

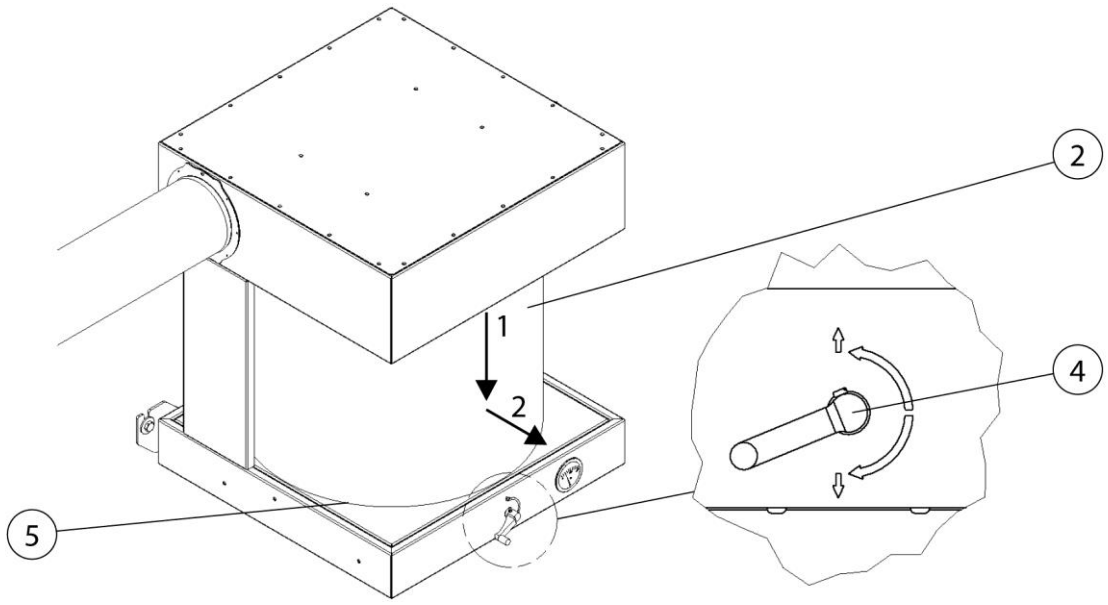


Fig. 13: Lowering the filter element

4. Lower the saturated filter element (item 2) using the lifting device (item 5) by turning the crank (item 4) clockwise.

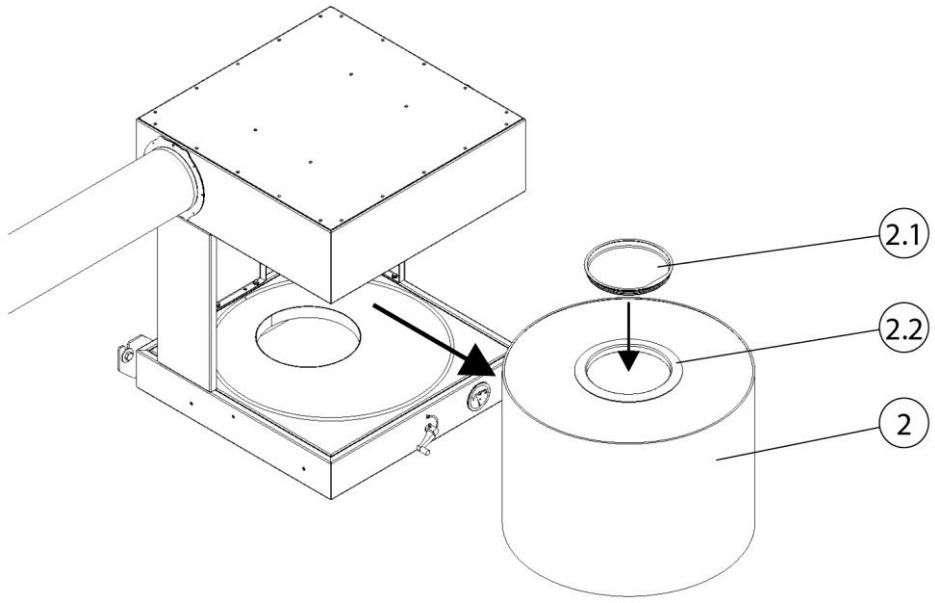


Fig. 14: Removing the filter element

5. Carefully remove the saturated filter element (item 2) from the product without stirring up dust particles.
6. Then close the saturated filter element (item 2) with the sealing cap of the new filter element (item 2.1), seal it airtight and dispose of it according to the valid regulations.

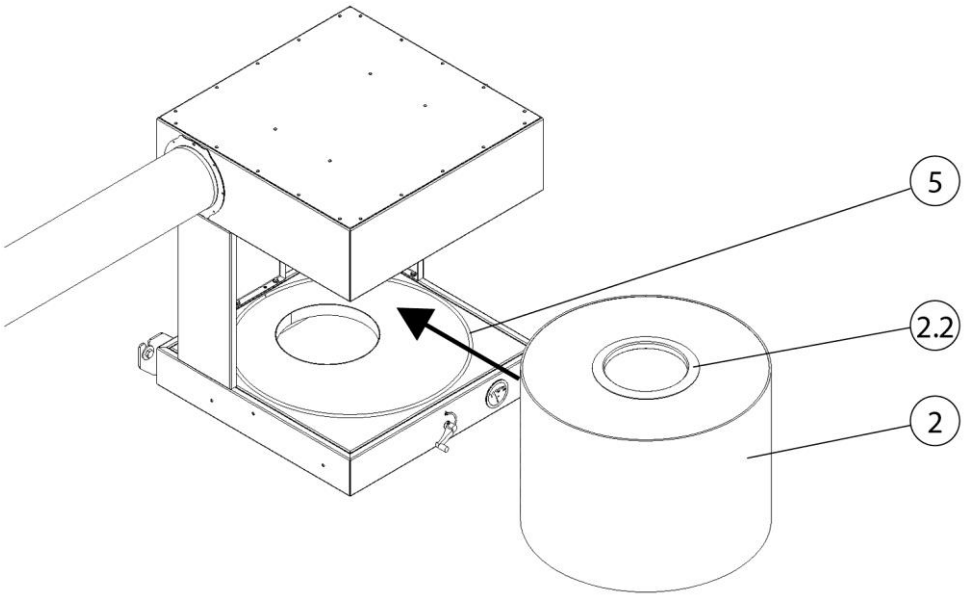


Fig. 15: Inserting the filter element

7. Clean the sealing surfaces of the filter holder on the product with a damp cloth.
8. Now insert the new filter element (item 2) into the product. Make sure that the filter element is positioned exactly in the mounting frame of the lifting device (item 5).

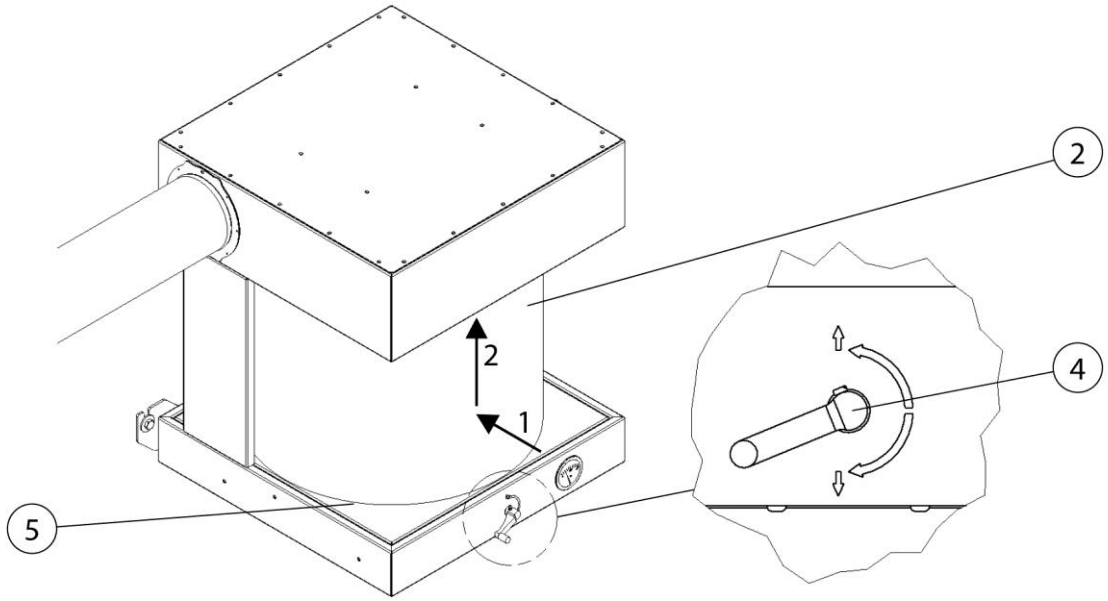


Fig. 16: Lifting the filter element

9. Lift the filter element (item 2) using the lifting device (item 5) by turning the crank (item 4) anticlockwise.
10. To finish, put the product back into service.

7.3 Maintenance schedule

Activities	Time/interval	Information:
Replacement of the main filter	As required	Filter change at 900 Pa, see differential pressure indicator on the product
Check the non-return valves	As required	Only for double-sided operation of the product
Replace the non-return valves	As required	Only for double-sided operation of the product

Tab. 9: Maintenance schedule

7.3.1 Maintenance log (master copy)

Product machine number	Fan device number/ AB number

Device identification – see nameplate:

Type of activity	Operating hours	carried out on	Name/ Signature

Tab. 10: Maintenance log

Note:

The maintenance log must be included with every customer complaint. Complaints cannot be processed without the necessary documentation.

7.4 Troubleshooting

fault	Cause	Note
Extraction capacity too low/non-existent	Filter element saturated	Replace filter inserts
Dust escapes on the clean air side	Filter element damaged	Replace filter inserts
Dust escapes at the second exhaust set (only for operation with two exhaust sets)	Non-return valve defective/leaking	Clean non-return valve, replace if necessary
Lifting device cannot be operated	Assembly mistake – exhaust air operation	See Assembly chapter

Tab. 11: Troubleshooting

7.5 Emergency measures

In case of fire of the product or its detection elements, the following steps should be taken if necessary:

1. Disconnect the product from the mains! If present; pull out mains plug; set main switch to 0-position; disconnect supply fuses.
2. If present, disconnect the compressed air supply.
3. Fight fire with a commercially available dry powder extinguisher.
4. Notify local fire brigade if necessary.

⚠ WARNING

Do not open products with maintenance door. Flash flame formation!

In the event of a fire, do not touch the product under any circumstances without proper protective gloves. Risk of burns!

8 Disposal

⚠ WARNING

Skin contact with welding fumes, etc. can cause skin irritation in susceptible individuals.

Disassembly work on the product may only be carried out by trained and authorised personnel while complying with the safety rules and the applicable accident prevention regulations.

Serious injury to the lungs and respiratory tract is possible!

In order to avoid contact with and inhalation of dust particles, use protective clothing, gloves and a blower respirator system.

The release of hazardous dust particles must be avoided during dismantling work so that persons in the vicinity are not harmed.

⚠ CAUTION

All work on and with the product must comply with the legal obligations for waste avoidance and proper recycling/disposal.

8.1 Plastics

Plastics, if present, must be sorted as far as possible. Plastics must be disposed of in compliance with the legal requirements.

8.2 Metals

Metals, if present, must be separated and disposed of.
Disposal must be carried out by an authorised company.

8.3 Filter elements

Filter elements, if present, must be disposed of in compliance with the legal requirements.

9 Annex

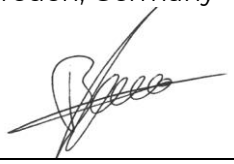
9.1 EC declaration of incorporation

Designation:	Welding fume filter unit
Series:	WallMaster
Type:	**65750** (if necessary, different item numbers for other product variants)
Machine ID:	See name plate in front section of this operating manual The product has been developed, designed and manufactured as partly completed machinery in accordance with the EC Directives 2006/42/EC – Machinery Directive
	At the sole responsibility of
Company:	**KEMPER GmbH** Von-Siemens-Str. 20, D-48691 Vreden The partly completed machinery must not be put into service until it has been established that the machinery into which the partly completed machinery is to be incorporated complies with the 2006/42/EC Machinery Directive.

The following harmonised standards are used:
EN ISO 12100:2010 Safety of machinery - General principles for design
EN ISO 13857:2019 Safety of machinery - Safety distances
EN ISO 13854:2019 Safety of machinery - Minimum gaps
EN ISO 21904-1:2020 Health and safety in welding and allied processes

A complete list of standards, directives and specifications applied is available from the manufacturer. The operating manual belonging to the product is available.
Additional information:
If it is not used for as intended or the design is altered, the Declaration of Conformity expires, unless confirmed in writing by us as manufacturers.

Mr Marcel Kusche is authorised to compile the technical documentation. Kemper GmbH, Von-Siemens-Str. 20, 48691 Vreden, Germany



Vreden, 17.03.2025		CEO
Place, date	B. KEMPER	Identification of the signatory

9.2 UKCA Declaration of Installation

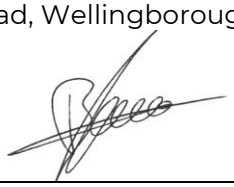
Designation:	Welding fume filter unit
Series:	WallMaster
Type:	**65750** (possibly different article numbers for other product variants)
Machine ID:	See name plate in front section of this operating manual
	This product is developed, designed and manufactured in accordance with the UKCA directives
	Supply of Machinery (safety) Regulations 2008
	At the sole responsibility of
Company:	**KEMPER GmbH**
	Von-Siemens-Str. 20, D-48691 Vreden

The following designated standards and technical specifications have been applied:

BS EN ISO 12100:2010 Safety of machinery - General principles for design
BS EN ISO 13857:2019 Safety of machinery - Safety distances
BS EN ISO 13854:2019 Safety of machinery
BS EN ISO 21904-1:2020 Health and safety in welding and allied processes
BS EN IEC 63000:2018 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances

A complete list of standards, directives and specifications applied is available from the manufacturer. The operating manual belonging to the product is available.
Additional information:
If it is not used for as intended or the design is altered, the Declaration of Conformity expires, unless confirmed in writing by us as manufacturers.

UK Authorised Representative (for authorities only): Mr. Marc Crawford
United Kingdom KEMPER (U.K.) Ltd.
Venture Court, 2 Debdale Road, Wellingborough, Northamptonshire NN8 5AA



Vreden, 17.03.2025		CEO
Place, date	B. Kemper	Identification of the signatory

9.3 Technical data

Designation	Type
Filter	65750
Filter stages	2
Filter method	Storage filter
Cleaning method	--
Filter surface m² [ft²]	42 [425]
Number of filter elements	1
Total filter surface m² [ft²]	42 [425]
Type of filter	Safe Change Filter (SCF)
Filter material	Non-woven polyester
Filter efficiency ≥ %	99.5
Welding fumes class	--
Filter class/Dust classification	E12
Basic data	
Extraction capacity m³/h [CFM]	up to 1600 [942]
Vacuum Pa [inch WC]	--
Motor power kW [hp]	--
Power supply/rated current/protection type/ISO class	--
Permissible ambient temperature °C [F]	-10 to +40 [+14 to +104]
Duty cycle %	100
Noise level dB(A)	--
Compressed air supply bar [PSI]	--
Compressed air consumption/compressed air class Nl/min [CFM]	--
Dimensions of the basic product (W x H x D)	See dimension sheet
Basic product weight kg [lbs]	65 [144]
Additional information	
Fan type	--

Tab. 12: Technical data 65750

9.4 Dimension sheets

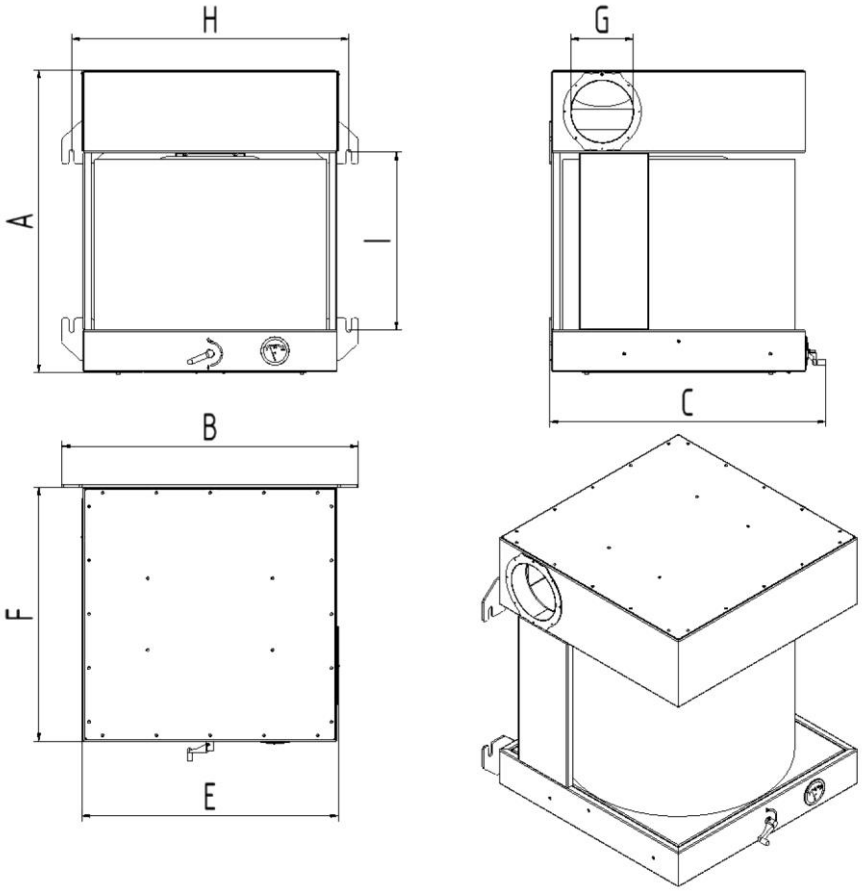


Fig. 17: Dimensions sheet

Symbol	Dimensions mm [in]	Symbol	Dimensions mm [in]
A	795 [31.3]	F	660 [26.0]
B	765 [30.1]	G	160 [6.30]
C	715 [28.1]	H	715 [28.1]
E	660 [26.0]	I	458 [18.0]

Tab. 13: Dimensions table

9.5 Spare parts and accessories

Consec. no.	Description	Note	Item no.
1	Filter element 42 m²		1090517
2	Check valve		1416919
3	Extraction and pressure hose, length 2.5 m, Ø 250 mm	For exhaust air operation	1140712

Tab. 14: Spare parts and accessories

Deutschland (HQ)
KEMPER GmbH
Von-Siemens-Str. 20
D-48691 Vreden
Tel. +49 2564 68-0
Fax +49 2564 68-120
mail@kemper.eu
www.kemper.eu

United Kingdom
KEMPER (U.K.) Ltd.
Venture Court
2 Debdale Road
Wellingborough
Northamptonshire NN8 5AA
Tel. +44 1327 872 909
Fax +44 1327 872 181
mail@kemper.co.uk
www.kemper.co.uk

France
KEMPER sàrl
7 Avenue de l'Europe
F-67300 Schiltigheim
Si vous appellez de France
Tél. +33 800 91 18 32
Fax +33 800 91 90 89
De Belgique ou de l'étranger
Tél. +492564 68-135
Fax +492564 68-40135
mail@kemper.fr
www.kemper.fr

China
KEMPER China
Floor 2, Building 6
No. 500 Huapu Road
Shanghai 201799
P.R. of China
Tel. +86 (21) 5924-0978
Fax +86 1852-1069-401
info@kemper-china.com.cn
www.kemper.cn.com

Česká Republika
KEMPER spol. s r.o.
Pyšelská 393
CZ-257 21 Poříčí nad Sázavou
Tel. +420 317 798-000
Fax +420 317 798-888
mail@kemper.cz
www.kemper.cz

United States
KEMPER America, Inc.
2460 Industrial Park BLVD.
Cumming, GA 30041
Tel. +1 770 416 7070
Fax +1 770 828 0643
info@kemperamerica.com
www.kemperamerica.com

Nederland
KEMPER B.V.
Demmersweg 92
Begane grond
7556 BN Hengelo
Tel. +492564 68-137
Fax +492564 68-120
mail@kemper.eu
www.kemper.eu

España
KEMPER IBÉRICA, S.L.
Avda Diagonal, 421 3°
E-08008 Barcelona
Tel. +34 902 109-454
Fax +34 902 109-456
mail@kemper.es
www.kemper.es

India
KEMPER India
55, Ground Floor, MP Mall
MP Block, Pitam Pura
New Delhi -110034
Tel. +91.11.42651472
mail@kemper-india.com
www.kemper-india.com

Polska
Kemper Sp. z o.o.
ul. Grzybowska 87
00-844 Warszawa
Tel. +48 22 5310 681
Faks +48 22 5310 682
info@kemper.pl
www.kemper.pl