



we clean air.



Innovations

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KEMPER®

» WallMaster

Cost-effective filter solution for simple retrofitting

The Wallmaster wall-mounted filter system is a cost-effective filter solution for extraction installations that previously did not require effective filter technology to separate hazardous substances. The filter medium integrated in a compact housing can be easily retrofitted behind the relevant suction elements. The SafeChangeFilter enables contamination free replacement of the disposable filter that has a particularly large filter surface of 25 square metres.

In combination with exhaust sets

Fumes are extracted, for example, via two wall-mounted Exhaust arms with fan. Where the contaminated air was previously vented unfiltered to atmosphere, the modular filter system is now used to separate the welding fume particles.



SafeChangeFilter ultimate 25 m² filter surface

The 25 m² disposable filter consists of high-quality polyester fleece and is particularly economical due to its high capacity and long service life.

Cost-effective entry-level unit

The WallMaster wall-mounted unit is an economical, space-saving solution for the filtration of welding fumes.

Mechanical filter unit

Due to its purely mechanical design, the WallMaster does not require its own power supply supply.

Retrofitting to existing systems

The WallMaster can easily be retrofitted to existing exhaust sets as well as exhaust arms and fans from other manufacturers. Modular step-by-step expansion is also possible.

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» SmartFil

Price/performance winner with SafeChangeFilter

The new SmartFil mobile entry-level unit has a 25 m² disposable filter and is designed for regular use with medium levels of smoke and dust. Thanks to its high mobility and 360-degree operating radius, the filter unit is particularly flexible in use.

Also available
with
new hood

SafeChangeFilter ultimate 25 m² filter surface

The 25 m² disposable filter consists of high-quality polyester fleece and is particularly economical due to its high capacity and long service life.

Price/performance winner

Square was yesterday: As effective as our MaxiFil and almost as inexpensive as the ProfiMaster. The new SmartFil is a price/performance winner and reliably protects the user from welding fumes.

Safe Change Filter

Due to the simple and contamination free removal technology of the filter, there is no risk at any time of getting into contact with the hazardous fine dust.



» New extraction hood

Higher extraction volume and capture rate during welding

Extract welding fumes even more effectively with the new, significantly larger extraction hood from KEMPER. The enlargement of the extraction hood and the diameter of the extraction arm ensures a particularly high extraction volume and, therefore, a significantly higher capture rate during welding. Thanks to the ergonomic shape, handling — even with protective gloves — is very easy. The robust and illuminated pressure switches also provide even more convenience in application.

Diameter:
180 mm
And larger
Hood

Ultra bright, economical LED strip

For complete illumination of the welding area, the new extraction hood has an ultra bright, energy-saving LED strip attached to the hood above the extraction area.



Airflow measurement at the source

Airflow measurement at the source already prepares the system for future legal standards. Visual and acoustic signals when the extraction volume falls below the specified value also provide a feeling of safety.

Tremendously high air-tightness

The new bayonet connection for connecting the extraction hose is quick to mount and ensures a significantly higher level of leak-tightness overall than a standard manufacturer's rubber seal, which is subject to high wear.

20% higher efficiency level

The increased capture surface means welding fumes can be extracted 20% more effectively. At the same time, acceptance by the user increases and the hood needs less positioning.

30% higher extraction volume

The enlargement of the extraction hood and the extraction arm as well as the new position of the LED strip ensure that the comparative effectiveness of the extraction volume, and thus the extraction capacity, increases by 30%.

Comfortable operation

Annoying bending over the unit is a thing of the past. Modern, illuminated switches are located directly on the extraction hood. These switches can be used to control both the lighting and the commissioning of the unit. A simple click and everything is done — even with protective gloves.

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KEMPER®beats

Create your personal workspace!

KEMPERbeats ensures maximum motivation and optimum health protection at your workplace – true to the motto: Safe and Sound! Enjoy your favourite playlists and increase the productivity of your work. The new KEMPERbeats option is only available in combination with the new 180-series extraction hood. With this new accessory, the new extraction hood has a special handle that integrates a high-quality Bluetooth speaker. This can be connected as usual to any desired terminal via Bluetooth.

Connect

Simply connect your device to your extraction hood via Bluetooth. It starts in no time at all!

Select

Select the favourite playlists that you want to hear while you're working. This not only increases your motivation, but also the productivity of your work. Let's get started!

Extract

Press play, start the music and also your work. You and your workplace are surrounded by melodic music, which motivates you enormously while stimulating your performance and concentration at the same time. Feel the beat, appreciate the relaxation. Always keep your extraction hood on track so you're reliably protected while listening to your songs at the best volume.

KEMPER®

>> The new VacuFil product family

Torch extraction in various capacities

It is not possible to extract hazardous substances more effectively or closer to the welding seam: The new VacuFil units from KEMPER ensure effective health protection at the workplace. The new VacuFil units are available as three analogue basic variants and three digital solutions with extraction capacities of 125, 150 and 250 m³/h. While the basic variants regulate the extraction capacity manually, the digital version automatically adjusts the required extraction volume to the respective extraction torch that is used – just like cruise control.



Single workspace or multi-workspace extraction

Depending on the capacity variant, suitable for one or more workplaces.



	VacuFil 125i	VacuFil125	VacuFil150i	VacuFil150	VacuFil250i	VacuFil250
Unit properties						
KEMPER-Connect*	x		x		x	
Extraction capacity control	Automatic	Manual	Automatic	Manual	Automatic	Manual
Filter						
Filter stages	2	2	2	2	2	2
Filter method	Cleanable filter	Cleanable filter	Cleanable filter	Cleanable filter	Cleanable filter	Cleanable filter
Cleaning method	Rotating nozzle	Rotating nozzle	Rotating nozzle	Rotating nozzle	Rotating nozzle	Rotating nozzle
Filter surface area	4 m²	4 m²	4 m²	4 m²	4 m²	4 m²
Type of filter	Filter cartridge	Filter cartridge	Filter cartridge	Filter cartridge	Filter cartridge	Filter cartridge
Filter material	ePTFE membrane	ePTFE membrane	ePTFE membrane	ePTFE membrane	ePTFE membrane	ePTFE membrane
Filter efficiency	> 99.9%	> 99.9%	> 99.9%	> 99.9%	> 99.9%	> 99.9%
Dust classification	M	M	M	M	M	M
Basic data						
Extraction capacity	125 m³/h	125 m³/h	150 m³/h	150 m³/h	250 m³/h	250 m³/h
Max. vacuum	28000 Pa	28000 Pa	29000 Pa	29000 Pa	30000 Pa	30000 Pa
Dimensions (W x D x H)	635 x 885 x 1120 mm	635 x 885 x 1120 mm	635 x 885 x 1120 mm	635 x 885 x 1120 mm	635 x 885 x 1120 mm	635 x 885 x 1120 mm
Weight	130 kg	130 kg	130 kg	130 kg	140 kg	140 kg
Motor power	1.5 kW	1.5 kW	1.5 kW	1.5 kW	2.2 kW	2.2 kW
Power supply	1 x 230 V / 50 Hz	1 x 230 V / 50 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz	3 x 400 V / 50 Hz
Rated current	13 A	13 A	6.4 A	6.4 A	8.6 A	8.6 A
Noise level	66 dB(A)	66 dB(A)	66 dB(A)	66 dB(A)	66 dB(A)	66 dB(A)
Additional information						
Fan type	Side channel blower	Side channel blower	Side channel blower	Side channel blower	Side channel blower	Side channel blower
Compressed air supply	5 – 6 bar	5 – 6 bar	5 – 6 bar	5 – 6 bar	5 – 6 bar	5 – 6 bar
Connecting piece	D = 45 mm	D = 45 mm	D = 45 mm	D = 45 mm	D = 45 mm	2 x D = 45 mm
Air outlet	D = 63 mm	D = 63 mm	D = 63 mm	D = 63 mm	D = 63 mm	D = 63 mm

>> KEMPER Automation

Welding and cutting technologies efficiently thought out

With KEMPER Automation, we offer a comprehensive portfolio that is indispensable for efficient and legally compliant operation of automated welding and cutting systems. As a reliable OEM partner, we develop high-quality extraction and filter technology and provide the required technology according to the different needs of plasma, laser and robot manufacturers. Central to this are the PlasmaFil, LaserFil and RoboFil filter systems as well as the extraction tables of the KemTab series. In addition, we offer comprehensive accessories and optional equipment along the entire process chain, such as fully automatic disposal systems for large quantities of dust or digital components for equipment networking.

LaserFil

The LaserFil filter system of the KEMPER Automation Line is supplied ready to use and can be set up and commissioned in just a few seconds thanks to the forklift pockets. The LaserFil filter system is particularly suitable for the extraction of welding fumes on **laser cutting systems**. The durable filter cartridges guarantee the best health protection.

PlasmFil

The PlasmaFil filter system of the KEMPER Automation Line has an extremely **long filter life** and is particularly suitable for extraction in **plasma or flame cutting processes**. The filter unit is connected to the plasma or flame cutting table by means of a ducting system. The system is flexible in design and can be set up in many different locations.

PlasmaFil Compact

The PlasmaFil Compact filter system from KEMPER's Automation Line has **longlife panel filter technology** that offers many benefits due to its horizontal installation and the improved air flow due to the down flow principle. This makes it especially robust and low-maintenance.

RoboFil

The RoboFil filter system of the Automation Line from KEMPER is particularly suitable for **robot welding processes**. Due to its small size, the filter unit is particularly space-saving, but still has a high and effective extraction capacity. The unit is connected to an extraction hood that covers the entire working area of the robot. Even if no human personnel are involved in the work process, an extraction system is essential in robot welding to prevent the spread of welding fumes inside the hall.





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