



ecoline

Solder fumes extraction systems

- Extremely quiet
- Favourable operating costs
- Low power consumption
- Efficient filter surfaces
- Low acquisition



Solid and liquid phases react with each other during the soldering process creating smoke/fumes, gases and aero-sols as air-polluting substances.

The Klepp solder fumes Filters are ideal solutions for continuous and optimum extraction and filtering of the harmful substances.

The contaminated air is acquired directly at the point of origin using practical capture elements. The extracted harmful substances are transferred to the filter device using a hose system or a pipeline individually designed for your requirement.

The filtering for the Klepp KLF Series is performed in three stages –

- prefilter mat
- a suspended matter filter
- an activated carbon filter

The cleaned air can remain in the work area. The replacement of the filters you can easily phase yourself. The activated carbon filter can be refilled time and time again.

The handling of KLF ecoline filter systems is very simple. An indicator light at the control panel shows whether the device works perfectly. An acoustic signal indicates for action and maintenance.



The KLF ecoline - filter systems for solder fumes in detail

- Case made of sheet steel in modular construction with maintenance door powder-coated on both sides, structure grey RAL 7035 structure blue RAL 5013
- Fan
- Soundproofed fan, filter section and air-outlet box
- Triple filtering
 - prefilter mat G4 in interchangeable frame
 - suspended matter filter H13, 99.95 % separation according to EN 1822, optional H14
 - activated carbon filter in interchangeable case
- Control panel with optical and acoustic control function

Your benefits

- low acquisition
- simple filter replacement
- short maintenance time
- low power consumption
- suitable for continuous operation
- maintenance-free motor (no carbon brushes)
- high filtering performance
- utilisation of the complete filter surface
- long filter service life
- individually replaceable filters
- deposit system for activated carbon cassette
- low operating costs

The solder fume extraction system from Klepp guarantees

- simple integration at the workplace
- flexible possible uses for practically every area of application.

All filter systems are also available in electrically conductive versions.

All systems work in recirculation mode!

Please do not install the equipment outdoors!

Technical Data:

	KLF 703 eco	KLF 703/4 eco	KLF 803 eco	KLF 1003 eco
	mobile	mobile	mobile	mobile
	1 - 2 workplaces	2 - 4 workplaces	2 - 5 workplaces	5 - 10 workplaces
Unimpeded air flow rate	240 m³/h	390 m³/h	390 m³/h	1000 m³/h
Real air flow rate	170 m³/h	320 m³/h	320 m³/h	700 m³/h
Motor	0,12 kW	0,24 kW	0,24 kW	0,75 kW
Voltage	230 V	230 V	230 V	230 V
Rated Speed	5400 U/min	8200 U/min	8200 U/min	5700 U/min
Frequency	50 Hz	50 Hz	50 Hz	50 Hz
Total pressure difference	1350 Pa	4000 Pa	4000 Pa	2500 Pa
Sound pressure level	50 dB(A)	56 dB(A)	56 dB(A)	64 dB(A)
Filtering	triple(as listed))	triple(as listed)	triple(as listed))	triple(as listed))
Filter area	3 m²	3 m²	3 m²	5,9 m²
Suction connections	2 x 50 mm (back)	4 x 50 mm (back)	1 x 100 mm (back) 4 x 50 mm (back)	1 x 125 mm (top)
Dimensions W x D x H (mm)	340 x 430 x 600	340 x 430 x 600	400 x 500 x 755	500 x 650 x 915

Further systems of KLF-series with adjustable air power:

KLF 703	mobile	1 - 2 workplaces
KLF 703/4	mobile	2 - 4 workplaces
KLF 803	mobile	2 - 5 workplaces
KLF 1003	mobile	up to 10 workplaces
KLF 1703 DDS	stationary	up to 15 workplaces
KLF 2003 DDS	stationary	up to 20 workplaces
KLF 3003 DDS	stationary	up to 30 workplaces
KLF 4003 DDS	stationary	up to 40 workplaces



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