

MG-SERIES MG75 / MG95 / MG100S / MG350S



HIGH-AIRFLOW FUME EXTRACTION

High airflow fume extraction systems eliminates polluted air from a wide variety of processes. A wide range of suction arms and nozzles provides flexible solutions for each application.

- Soldering* <
- Solvents* <
- Glueing* <
- Coating* <
- Laboratory work* <
- Laser marking and cutting* <



For better workbench environment!



HIGH-AIRFLOW FUME EXTRACTION

➤ Unique filter concept!

The filter systems have a unique filter concept with a verified function for gas and particle separation. Gases contain complex and dangerous molecule structures. In smoke, particles of different shapes and sizes can be found. The filter systems are built to handle most hazardous substances in air pollution generated in manufacturing processes.

➤ Low noise level!

To keep the workplace as comfortable as possible the noise level of surrounding machines shall be as quiet as possible. The filter units have the lowest noise level on market.

➤ Mobile!

The filter systems are mobile and can easily be moved between different work stations. They can also be equipped with hanging devices to be mounted onto the workbench.

➤ Wide range of extraction arms and nozzles!

The filter systems can be connected to a wide range of suction arms and nozzles to fit each individual application. We offer one of the biggest ranges of extraction arms and nozzles on the market. Contact us for a separate brochure of extraction arms.

➤ ESD-safe!

All MG filter systems, extraction arms and nozzles are ESD safe. Test reports are available upon request.



Prefilter arm



HIGH-AIRFLOW FUME EXTRACTIONS

MG75:

Filter unit with connection for one arm. Remote control for variable air speed, filter lifetime indication and alarm functions.

MG95:

Filter unit with connection for one or two arms. Remote control for variable air speed, filter lifetime indication and alarm functions.

MG100S:

Filter unit with connection for one or two arms. Variable air speed in three steps. Alarm function for filter lifetime indication.

MG350S:

Filter unit with possibility to connect up to six arms. Remote control for variable speed, filter lifetime indication and alarm functions.

Prefilter arm:

A bench mounted prefilter with an integrated 700 mm extraction arm with flexible hose part.

Extraction arm 3013:

Arm with horizontal link and metal nozzle (incl. table console).

Extraction arm 3015:

Short extraction arm with 700 mm flexible hose part (incl. table console).

Extraction arm 3046:

Short extraction arm with 700 mm flexible hose part.

Ball joint makes the arm easy and flexible to mount anywhere.



3013



3015



3046

Filter concept!

Unique filter system built in three steps:

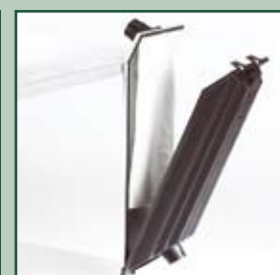
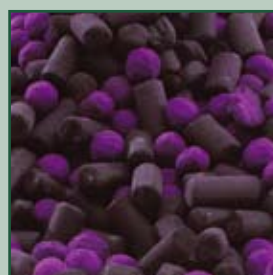
- HEPA class micro filter for particle separation
- Gas filter for both low and high weight gas molecules
- Dust filter

The filters are designed to achieve maximum performance and are tested and documented by a third party.

MG filter design with verified function makes the filter systems unique on the market.

Filter exchange in MG filter systems are made easy. The HEPA filter and gas filter are integrated in one unit to ensure the best function and quick and easy filter exchange.

For applications with a lot of dust or particles it is recommended to use an extra pre-filter. This will increase the lifetime of the main filter.



HIGH-AIRFLOW FUME EXTRACTION

Technical data

| | MG75 | MG95 | MG100S | MG350S |
|---|------------|------------|------------|-------------|
| Max suction capacity, m ³ /h (CFM) | 70 (41,2) | 100 (58,8) | 100 (58,8) | 310 (182,3) |
| Sound level dB(A) at 1 m | 38-49 | 38-50 | <52 | <54 |
| HEPA class micro filter - separation degree, DOP% | >99,97 | >99,97 | >99,97 | >99,97 |
| Gas filter - chemisorbtion - separation degree, % | >95 | >95 | >95 | >95 |
| Power, W | 100 | 100 | 100 | 300 |
| Voltage, V | 100/250 | 100/250 | 100/250 | 115/230 |
| Remote control | yes | yes | no | yes |
| Height, mm (in) | 640 (25,2) | 640 (25,2) | 640 (25,2) | 1000 (39,4) |
| Width, mm (in) | 465 (18,3) | 465 (18,3) | 460 (18,1) | 450 (17,7) |
| Depth, mm (in) | 220 (8,7) | 220 (8,7) | 210 (8,3) | - |
| Weight, kg (ld) | 18 (40) | 21 (46) | 21 (46) | 45 (99) |
| Warranty, except for filters, years | 2 | 2 | 2 | 2 |

Max. media temperature 50°C (122°F)

Filtronic AB is striving to create a better workbench environment by developing and producing particle and gas filter systems of very high quality. The filter systems are easy to use and install, have a low noise level and a guaranteed function. Read more about us and our products at www.filtronic.se.



For better workbench environment!

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