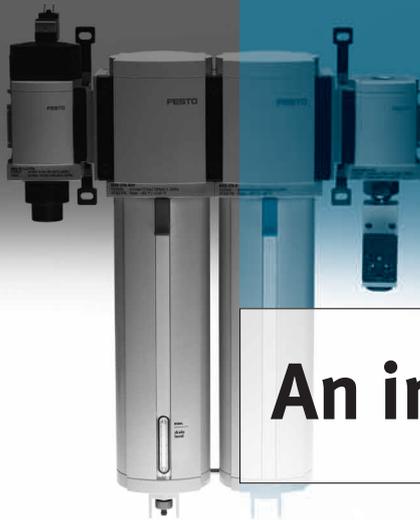


MS9 series service units

FESTO



An intelligent mix

The LFM fine/micro filter and the LFX activated carbon filter in MS9 make our MS series even more flexible. MS4, MS6, MS9 and MS12 use intelligent compressed air preparation to ensure highest process reliability. Thanks to an optimal flow using a combination of MS6 and MS9, they achieve new, highly economical dimensions in combination with fine, micro-, and activated carbon filters.

Reduce costs ...

... with the possible mix of sizes. Just combine the powerful, small components such as regulators or valves of the MS6, with the filter LFM or LFX for optimal flow in MS9, and connect them using size adapter MS6-9-ARMV.

Reduce space ...

... using the combination of MS6 and MS9.

Withstands the roughest environments ...

... because the MS9 series has a robust and solid metal construction and is equipped with a standard metal bowl.

Can be easily operated ...

... and combined, because both individual modules and customised solutions are possible with the MS service units.



High flow rate

Flexible

Wide range of configuration options

408.6. PSI →

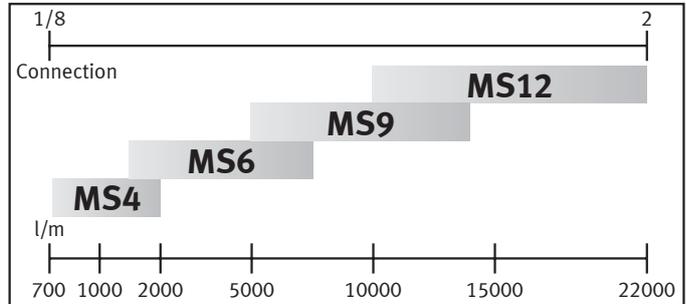
Product Short Information

MS9 series service units

Freely combinable functional modules

All functions of compressed air preparation are brought together in one product range: pressure regulators, on/off and soft/start valves, filters, dryers, sensors and lubricators offer the right solution for every task. Freely combinable thanks to their modular structure.

The top performers in the range are the new functional modules with built-in sensors and remote adjustment function. Modern technology for a new dimension of compressed air preparation: remote controlled pressure monitoring for maximum process reliability.



Flow rates based on the LR pressure regulating valve



Micro filter LFM

High-performance filter for exceptionally clean compressed air

- Air quality to DIN ISO 8573-1
- Condensate drain optionally manual, semi-automatic (in the module), fully automatic or fully automatic-, electrically controlled
- Available with optional differential pressure indicator for optical indication of filter contamination
- Available with a choice of filter cartridges 0.01 µm or 1 µm
- Filter cartridges 3.1-19

LFM-A

ISO class 1 for particles:
max. particle density 0.1 mg/m³
ISO class 2 for oil aerosols:
max. oil concentration 0.1 mg/m³
Filter efficiency 99.9999%

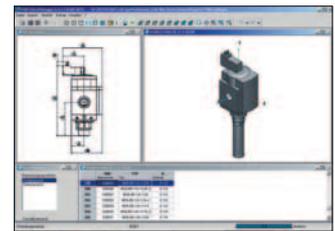
LFM-B

ISO class 2 for particles:
max. particle density 1 mg/m³
ISO class 3 for oil aerosols:
max. oil concentration 1 mg/m³
Filter efficiency 99.99%

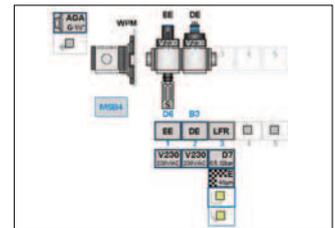
Activated carbon filters LFX

Removal of liquid and gaseous oil particles from compressed air using active carbon

- Eliminates odours from flavouring additives
- Prefiltration with micro filter MS-LFM-A, grade of filtration 0.01 µm, is recommended



Downloadable CAD drawings



Configurator free of charge

Type	MS4	MS6	MS9	MS12
Dimension	40 mm	62 mm	90 mm	124 mm
Permissible primary pressure	max. 14 bar	max. 20 bar	max. 20 bar	Max. 21 bar*
Operating temperature	-10 ... +60°C			
Housing material	Die-cast aluminium			
Connection sizes	G 1/8, 1/4, 3/8	G 1/4, 3/8, 1/2, 3/4	G 1/2, 3/4, 1, 1 1/4, 1 1/2	G 1, 1 1/4, 1 1/2, 2

* Lubricator max. 16 bar, fully automatic condensate drain max. 12 bar

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