

# MM KFS FA1 Extraction and filter unit

MM KFS FA1 is suitable for use with all marking laser systems and the laser protection housing from Mobil-Mark

## Application

- Extraction and filtering of gases and vapours which are produced during the marking of chrome-nickel steels, steel, aluminium, stainless steel, galvanised components etc.

## Features

- Needless to say, the high-quality EC motor is designed for continuous operation.
- Safety guaranteed: automatic filter monitoring through differential pressure
- Efficient EC suction fan for continuous operation
- Housing made of sturdy sheet steel, powder-coated on both sides in RAL 5010 (coarse structure/egg-shell finish)

## Technical data

- Extraction volume max. free-blowing: 30-75 m<sup>3</sup>/h without FA
- Stat. pressure max.: 1700 PA
- Electr. connection (V/Hz): 230V/50-60Hz
- Electr. power (kW): 0.1-0.25 kW
- Sound pressure level at 1 m distance approx. 53 dB(A)
- Device dimensions L x W x H: 250 x 250 x 400 mm
- Weight 13 kg without FA

## Filter equipment

- Cpl. for vapours and small quantities of gaseous pollutants comprising: 1 x MM KFS EU 51 filter mat M5 167 x 167 mm
- 1 x MM KFS SF 10A suspended matter filter Cl: S, in accordance with DIN EN 1822  
H13 collection efficiency 99,95%-120 m<sup>3</sup>/h  
H14 collection efficiency 99,995%-80 m<sup>3</sup>/h  
Filter area 1.0 m<sup>2</sup>
- With inlet-side activated carbon insert for the adsorption of gaseous pollutants.  
Dimensions L x W x H: 203 x 203 105 mm




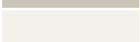

## Technical safety

- Input for remote controlling of the extraction unit 24VDC
- Safety switch-off for laser and extraction unit if a filter is full
- LED filter saturation indicator

## Colour codes extraction unit MM KFS 075E XX

-XX =	-02 = RAL 5010	Gentian blue	
-------	----------------	--------------	---

## Optional colours available at an extra charge

-XX =	-04 = RAL 7032	Pebble grey	
-XX =	-05 = RAL 9002	Grey white	
-XX =	-06 = RAL 7035	Light grey	

# MM KFS FA5 Extraction and filter unit

MM KFS FA5 is suitable for use with all marking laser systems and the laser protection housing from Mobil-Mark

## Application

- Extraction and filtering of gases and vapours which are produced during the marking of chrome-nickel steels, steel, aluminium, stainless steel, galvanised components etc.
- Extraction and filtering of gases and vapours which are produced during the marking of plastics such as ABS, SB, PP etc.

## Features

- Needless to say, the high-quality EC motor is designed for continuous operation.
- Safety guaranteed: automatic filter monitoring through differential pressure
- Efficient EC suction fan for continuous operation
- Housing made of sturdy sheet steel, powder-coated on both sides in RAL 5010 (coarse structure/egg-shell finish)

## Technical data

- Extraction volume max. free-blowing: 30-75 m<sup>3</sup>/h without FA
- Stat. pressure max.: 1700 PA
- Electr. connection (V/Hz): 230V/50-60Hz
- Electr. power (kW): 0.1-0.25 kW
- Sound pressure level at 1 m distance approx. 53 dB(A)
- Device dimensions L x W x H: 250 x 250 x 500 mm
- Weight 20 kg without FA

## Filter equipment

- Cpl. for vapours and small quantities of gaseous pollutants comprising: 1 x MM KFS EU 51 filter mat M5 167 x 167 mm
- 1 x MM KFS SF 10 suspended matter filter H14, in accordance with DIN EN 1822  
H13 collection efficiency 99, 95%-120 m<sup>3</sup>/h  
H14 collection efficiency 99, 995%-60 m<sup>3</sup>/h  
Filter area 1.3 m<sup>2</sup>  
Dimension L x W x H: 203 x 203 x 105 mm
- 1 x MM KFS A01D gas filter with approx. 2 kg special activated carbon  
Pre- and after-filter mat M5 for the adsorption of gaseous pollutants. Seal on both sides  
Dimension L x W x H: 203 x 203 x 105 mm  
(only in connection with MM KFSZM1 additional filter module)




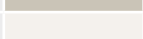
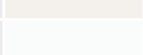
## Technical safety



- Input for remote controlling of the extraction unit 24VDC
- Safety switch-off for laser and extraction unit if a filter is full
- LED filter saturation indicator




## Colour codes extraction unit MM KFS 075E XX

-XX =	-02 = RAL 5010	Gentian blue	
-------	----------------	--------------	---

## Optional colours available at an extra charge

-XX =	-04 = RAL 7032	Pebble grey	
-XX =	-05 = RAL 9002	Grey white	
-XX =	-06 = RAL 7035	Light grey	

	<p><b>MM KFS FA1</b> Extraction and filter unit</p> 	<p><b>MM KFS FA5</b> Extraction and filter unit</p> 
<b>Use</b>	The extraction and filter units are suitable for use with all marking laser systems and the laser protection housing from Mobil-Mark.	
<b>Application</b>	<ul style="list-style-type: none"> <li>Extraction and filtering of gases and vapours which are produced during the marking of chrome-nickel steels, steel, aluminium, stainless steel, galvanised components etc.</li> </ul>	<ul style="list-style-type: none"> <li>Extraction and filtering of gases and vapours which are produced during the marking of chrome-nickel steels, steel, aluminium, stainless steel, galvanised components etc.</li> <li>Extraction and filtering of gases and vapours which are produced during the marking of plastics such as ABS, SB, PP etc.</li> </ul>
<b>Features</b>	<ul style="list-style-type: none"> <li>Needless to say, the high-quality EC motor is designed for continuous operation.</li> <li>Safety guaranteed: automatic filter monitoring through differential pressure</li> <li>Efficient EC suction fan for continuous operation</li> <li>Housing made of sturdy sheet steel, powder-coated on both sides in RAL 5010 (coarse structure/egg-shell finish)</li> </ul>	
<b>Technical data</b>	<ul style="list-style-type: none"> <li>Extraction volume max. free-blowing: 30-75 m³/h without FA</li> <li>Stat. pressure max.: 1700 PA</li> <li>Electr. connection (V/Hz): 230V/50-60Hz</li> <li>Electr. power (kW): 0.1-0.25 kW</li> <li>Sound pressure level at 1 m distance approx. 53 dB(A)</li> <li>Device dimensions L x W x H: 250 x 250 x 400 mm</li> <li>Weight 13 kg without FA</li> </ul>	<ul style="list-style-type: none"> <li>Extraction volume max. free-blowing: 30-75 m³/h without FA</li> <li>Stat. pressure max.: 1700 PA</li> <li>Electr. connection (V/Hz): 230V/50-60Hz</li> <li>Electr. power (kW): 0.1-0.25 kW</li> <li>Sound pressure level at 1 m distance approx. 53 dB(A)</li> <li>Device dimensions L x W x H: 250 x 250 x 500 mm</li> <li>Weight 20 kg without FA</li> </ul>
<b>Filter equipment</b>	<ul style="list-style-type: none"> <li>Cpl. for vapours and small quantities of gaseous pollutants comprising:                             <ul style="list-style-type: none"> <li>1 x MM KFS EU 51 filter mat M5 167 x 167 mm</li> </ul> </li> <li>1 x MM KFS SF 10A suspended matter filter Cl: S, in accordance with DIN EN 1822                             <ul style="list-style-type: none"> <li>H13 collection efficiency 99, 95%-120 m³/h</li> <li>H14 collection efficiency 99, 995%-80 m³/h</li> </ul>                             Filter area 1.0 m²                         </li> <li>With inlet-side activated carbon insert for the adsorption of gaseous pollutants.                             <ul style="list-style-type: none"> <li>Dimensions L x W x H: 203 x 203 105 mm</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Cpl. for vapours and small quantities of gaseous pollutants comprising:                             <ul style="list-style-type: none"> <li>1 x MM KFS EU 51 filter mat M5 167 x 167 mm</li> </ul> </li> <li>1 x MM KFS SF 10 suspended matter filter H14, in accordance with DIN EN 1822                             <ul style="list-style-type: none"> <li>H13 collection efficiency 99, 95%-120 m³/h</li> <li>H14 collection efficiency 99, 995%-60 m³/h</li> </ul>                             Filter area 1.3 m²                             <ul style="list-style-type: none"> <li>Dimension L x W x H: 203 x 203 x 105 mm</li> </ul> </li> <li>1 x MM KFS A01D gas filter with approx. 2 kg special activated carbon                             <ul style="list-style-type: none"> <li>Pre- and after-filter mat M5 for the adsorption of gaseous pollutants. Seal on both sides</li> <li>Dimension L x W x H: 203 x 203 x 105 mm (only in connection with MM KFSZM1 additional filter module)</li> </ul> </li> </ul>
<b>Technical safety</b>	<ul style="list-style-type: none"> <li>Input for remote controlling of the extraction unit 24VDC</li> <li>Safety switch-off for laser and extraction unit if a filter is full</li> <li>LED filter saturation indicator</li> </ul>	

Colour codes extraction unit MM KFS 075E XX	-XX =	-02 = RAL 5010	Gentian blue	
	-XX =	-04 = RAL 7032	Pebble grey	
Optional colours available at an extra charge	-XX =	-05 = RAL 9002	Grey white	
	-XX =	-06 = RAL 7035	Light grey	