

Technical Data

MF-HEPA H13/W3 (18m²). Stainless Steel Welding. Mobile Extractor-Filter. 2m/3m D.160/200mm

STAINLES STEEL Welding Fume.

MF-HEPA is a Mobile Extractor-Filter with Pre-filter Cartridge (9m²) and HEPA H13/W3 filter (9m²). Total filter area 18m².

Over 99.95% Efficiency.

The simple solution to light stainless steel welding fume and light dust.

F9 Pre-Filter Cartridge

F9 Pre-Filter Cartridge (9m²) with up to 99% efficiency. Keeps larger particles from reaching the HEPA filter. Thus making it last longer.

Remove the filter cartridge, when the extraction does not catch the fume, and insert a F9 replacement cartridge.

HEPA H13/W3 Filter Box

HEPA H13/W3 filter box (9m²) with more than 99.95% efficiency. Suitable for stainless steel welding fume. Easy to remove and replace.

How often it needs to be changed depends on how the MF-HEPA unit is used.

Flexible and economical

MF-HEPA is robust, yet the easily manoeuvrable wheels and the handles make for effortless moving around. Add to this the super-flexible Flexi Extraction Arm, and you have a supremely versatile and flexible filtration unit. It can easily be moved between different work stations.



	Art.Nr.
MF-HEPA H13/W3 (18m ²) Mobile Extractor-Filter. 1~/1.1kW/220V/50Hz. Arm not incl	P-791
MF-HEPA H13/W3 (18m ²) Mobile Extractor-Filter. 3~/1.1kW/400V/50Hz. Arm not incl.	P-794
Flexi Table/Filter Extraction Arm FLB 2m/d.160mm.	P-168
Flexi Table/Filter Extraction Arm FLB 3m/d.160mm.	P-169
F9 Replacement Pre-Filter Cartridge (9m ²).	P-541
HEPA H13 Replacement Filter box (9m ²).	P-544
Holder for 2 Flexi Extraction Arms d.160mm (max.3m).	P-086
Flexi Table/Filter Extraction Arm FLB 2m/d.200mm.	P-170
Flexi Table/Filter Extraction Arm FLB 3m/d.200mm.	P-171

MF-HEPA/W3 18M2 Measures.



Techical Data		
Volt/Phase	230 Volt / 1~	400 Volt / 3~
KW	1.1 kW	1.1 kW
Ampere	5,15 A	2 A
Revolutions/minute	2.900 R/min	
Frequency	50Hz	
	IP 55	
Weight	70 kg	
Prefilter	Filter Cartridge F9 (9m2)	
HEPA Filter	HEPA H13 Filter Box 9m ²	
Efficiency	>99 % and 99.95%	
Noice level (DIN 45635 T1)	ca. 70 dB(A)	
Indoor temperature	+5° C bis +35° C	

MF-HEPA/W3 18m2.

Operating Instructions

The filter unit is only intended for indoor use. It shall be equipped with an Extraction Arm which covers a radius of two or three meters. In order to achieve a maximum collection level of air pollutants, the extraction unit's hood shall be positioned as close to the pollution source as possible without extracting sparks.

The filter unit is designed for extraction and filtration of light Stainless Steel welding fume. With it's total of 18m2 filter area it has over 99.95% efficiency. Can also be used for light grinding dust, etc.

Note that the unit is not to be used for extraction of fluids or Gases.

Before use, check the voltage and frequency on the product's rating plate before it is connected to the power supply. All four of the wheels on the filter unit are pivoting and with brakes which makes it very easy to move even in difficult positions. The brakes make it stay where you leave it even when you move the Extraction-Arm.

Replacement of the Filter Cartridge and HEPA Box.

The unit's Filters are disposable and should be thrown-away after use. Replacing the filters is simple, just open the door of the unit.

To replace the F9 Filter Cartridge you unwind the Wing-Nut which keeps it in position and pull it out. Then do the oposit to install the new one. Use adequate protection clothing.

To replace the HEPA Filter box you just pull it out and replace it with a new one.

The life of the filters varies greatly depending on how the unit is used and how much and what type of pollutants are collected.

Regularly monitor the unit's extraction capacity at the source and change the filters when the extraction capacity is poor. Handle the used filter cartridges according to the relevant regulations for the substances that have been collected. For detailed instructions on how and when you should replace the Filters please see Instruction Manual.

Warning

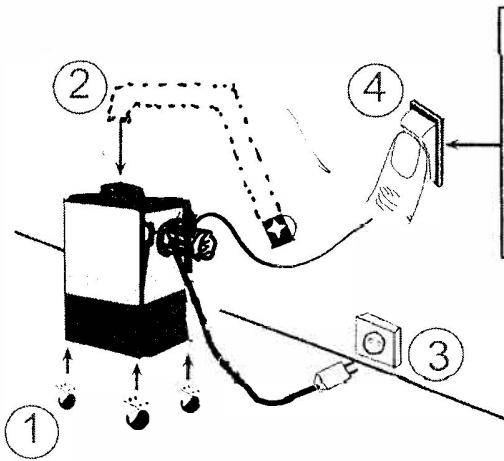
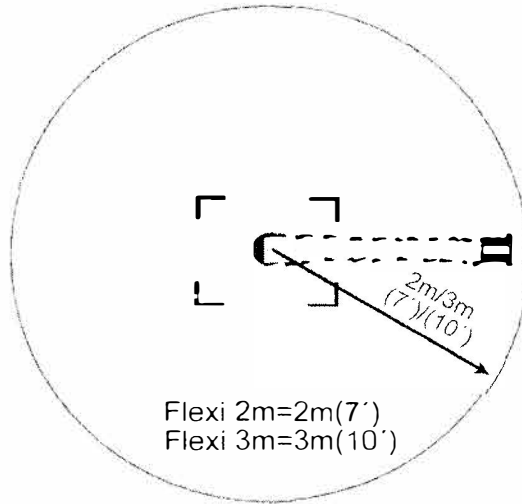
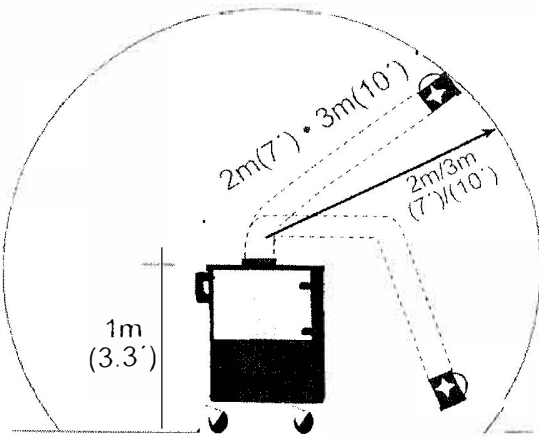
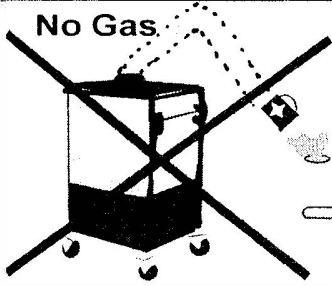
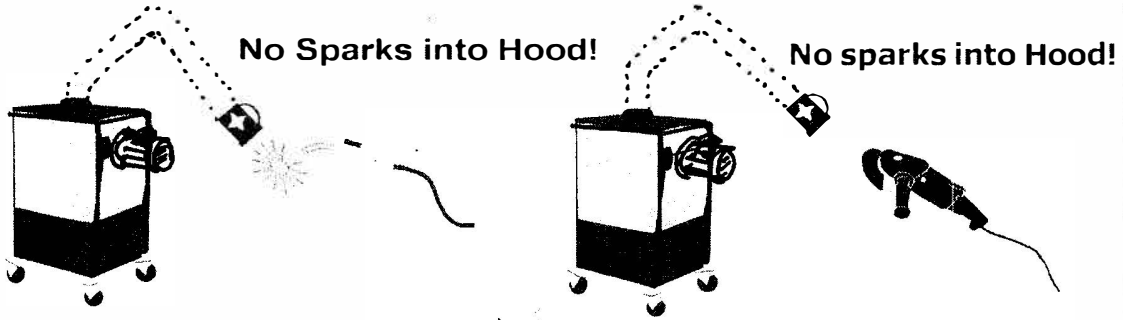
Risk of personal injury.

1. Do not use the filter for separation of dust that contains substances hazardous to one's health, e.g beryllium, cadmium, lead or asbestos.
2. Check that the mains connecting cable not is squeezed or in another way damaged. At cable replacement a Plymoth original spare part cable shall be used.

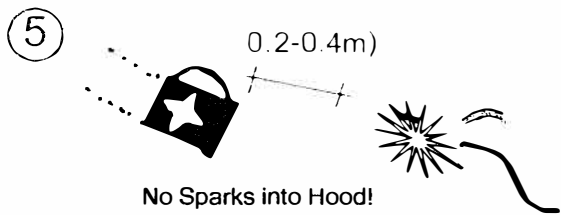
Risk of fire and explosion

Do not use the filter for inflammable dust or explosive gases.

MF-HEPA/W3 18m2



- (GB) Circuit breaker with thermal overload
- (D) Geräteschutzschalter mit thermischem Überstromschutz
- (F) Disjoncteur pour équipement à surcharge thermique
- (E) Disyuntor por sobrecarga térmica
- (I) Interruttore termico di protezione dal sovraccarico
- (NL) Uitschakelaar met thermische beveiliging tegen overstroom
- (SF) Virtapiirikatkaisimien lämpöylkuormitus
- (S) Strömbrytare med termiskt överströmsskydd





Declaration of conformity

We, J. Plymoth AB, declare under our sole responsibility that the product lines **MF-F9/HEPA, MF-Active Carbon, MF-HEPA/W3 18M2, MF-Eco/F9, MF-Eco/HEPA, MF-Filter-Tables, MF-Eco Filter-Tables, FK-Mesa Backdraft Filter-Tables, MKF Filter-Tables, Labbe, MF-Lab, MF-Eco Lab, CF Central Filters, Mobo-Oil, Denta-Flex, Fica-Flex and VBF-Office** to which this declaration relates is in conformity with Directives 2006/42/EC, 2014/30/EU, 2011/65/EU and Standards EN 60204-1:2006, EN ISO 12100:2010, EN ISO 15012-1:2013, EN 61000-6-2:2005, EN 61000-6-3:2007, EN ISO 20607:2019.

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2023-01-01