

# FILTER WITH SUCTION ARM FSF

## DESCRIPTION

The filter FSF has been designed to extract welding fumes and any harmful substance and is the latest solution for extracting directly from the source the polluting particles. Flexible and modular, thanks to 4 filtering phases, air can recirculate into the working environment. It can be used as a portable or fixed unit. This model is equipped with a three-phase motor and can work continuously. The frame, the fairings, the main structure, are entirely manufactured in epoxy painted steel for maximum durability.

## 4 PHASES of FILTRATION

The machine is equipped with 4 phases of filtration to obtain 99.95% efficiency to achieve an even later stage of activated carbon.

## ADVANTAGES

- customizable to meet every need
- one or two extraction arms
- mobile or stationary use
- dust collection drawer
- available in a series painted in white for food and pharmaceutical industry
- also suitable for stainless steel welding smoke extraction or electronic components.

## OPTIONALS

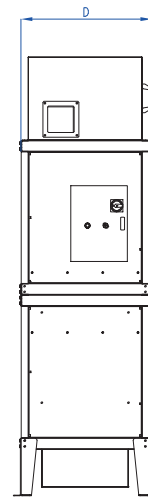
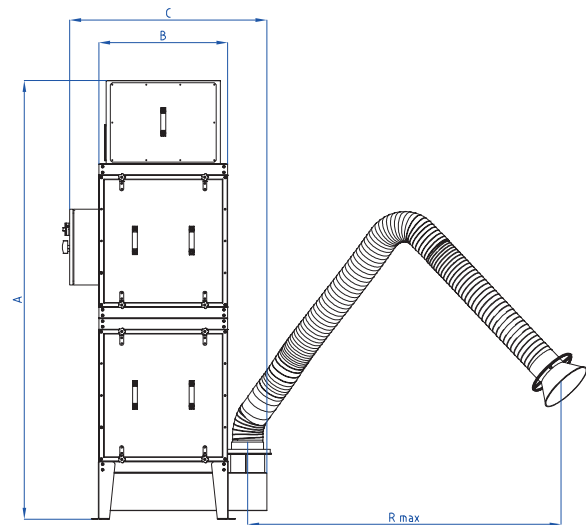
True HEPA H14 Filter, electrostatic filter, electric blower with frequency inverter.

## APPLICATION FIELDS

Industries: painting, coating, resin, adhesive, solvents, paint production, glue.



MOD. FSF	UNITS OF MEASURE	FSF15	FSF30
Air flow rate max	m <sup>3</sup> /h	1500	3000
Installed power	kW	1.5	2.2
Maximum depression	mmH <sub>2</sub> O	50	70
Tension	V	230/400	230/400
Frequency	Hz	50	50
Noise level	(dB(A) ISO 3744)	68	70
Filtering stages	n°	4	4
Quantity of activated carbon	Kg	50	100
HEPA filtering class	H	H11	H11
Suction tube	Ømm	160	160x n°2
Weight	kg	170	340
Dust container capacity	lt	10	20
A	mm	2320	2320
B	mm	682	1364
C	mm	1042	1724
D	mm	692	692
R max	mm	3000	3000



- 1 Control switchboard
- 2 Filtered air outlet
- 3 Extraction fan chamber
- 4 Suctioning arm
- 5 Activated carbon cells
- 6 HEPA filter h11
- 7 Rigid pocket filter f7
- 8 Filtering cell g3