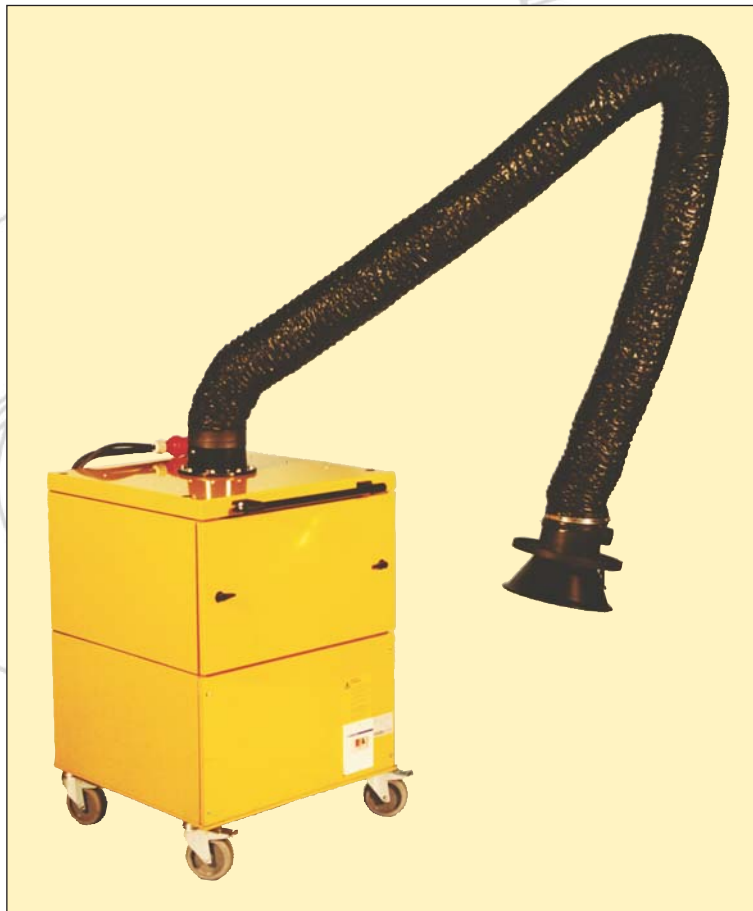


PlymoVent

MFC – MultiFume Caddie



Mechanical mobile filter that fulfils your requirements for a better and safer working environment during welding operations

www.plymovent.com

PLYMOVENT[®]
INTELLIGENT PROCESS VENTILATION™

PlymoVent MultiFume® Caddie

A mobile fume extractor is perfect in applications that require flexibility: Easy to move and can always be used near the process where fumes are generated.

With a PlymoVent MultiFume® Caddie, fumes and dust from welding are captured from a distance between 30-50 cm from the welding source and within an area of 0,5 -1,0 m. the captured fumes are filtered and re-circulated within the premises. This eliminates problems with heat loss without disturbing existing ventilation systems.



Front access makes the welding filter easy to remove.

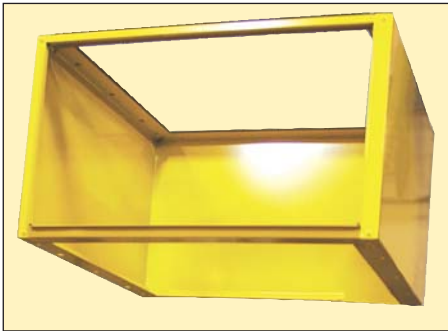


The PlymoVent Extraction arm can be rotated through 360° – reach everywhere!

MultiFume® Caddie – The technology

The MultiFume® Caddie is designed to extract and filter fumes generated during the welding operation. It is the perfect solution for light engineering and repair work. The unit has a built in high efficiency filtering system with spark arrestor, pre filter and a welding filter surface area of 35 m². This gives a high separation efficiency and whilst maintaining powerful extraction rates and ensures long filter life.

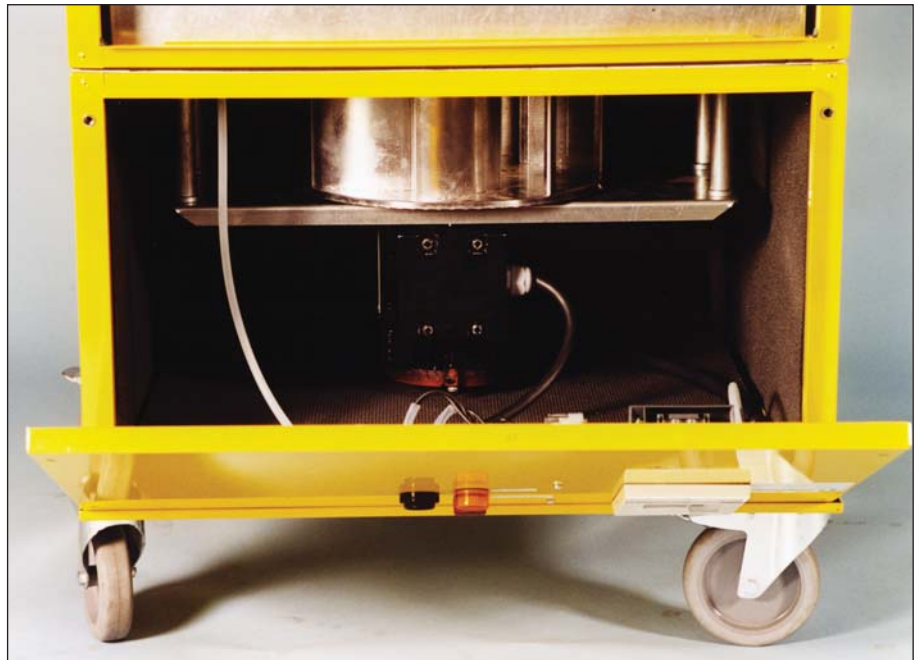
Compact design and a low centre of gravity (the unit is only 1m / 3ft high) makes the unit very easy to move.



The PlymoVent MultiFume® Caddie is just one product from our range of Mechanical filters, built with a unique modular assembly (patent pending).



Stay in place with the help of lockable wheels.



Technical Data

Product no	MFC-1200/3
Housing material	Galvanized steel
Housing finish	Epoxy powder coat
Unit dimensions	
Height	1007 mm / 39"
Width	689 mm / 27"
Depth	771 mm / 30 5/16"
Air volume	1200 m ³ /h / 700 CFM
Extraction arm	PlymoVent type EA 3 m Ø160 mm / 3" Other lengths and PlymoVent KUA arm are optional
Extraction arm rotation	360°
Area of reach	3 m / 10 ft, both vertical and horizontal
Filter monitoring	Yes – red light when filter is full
Noise level	<70dB(A)
Net weight	Filter unit 105 kg / 231 lbs EA Arm 3m 14 kg / 31 lbs Total weight 119 kg / 262 lbs
Power supply	1,1 kW 220-240 / 380-420 - 50 hz v 3 ph 1,1 kw 230 v - 50 hz - 1 ph Other power supply available on special request

Filter elements

Stage 1

Spark arrestor

Stage 2

Pre-filter Aluminium

Prod No: PF-INL-AL cassette.

Stage 3

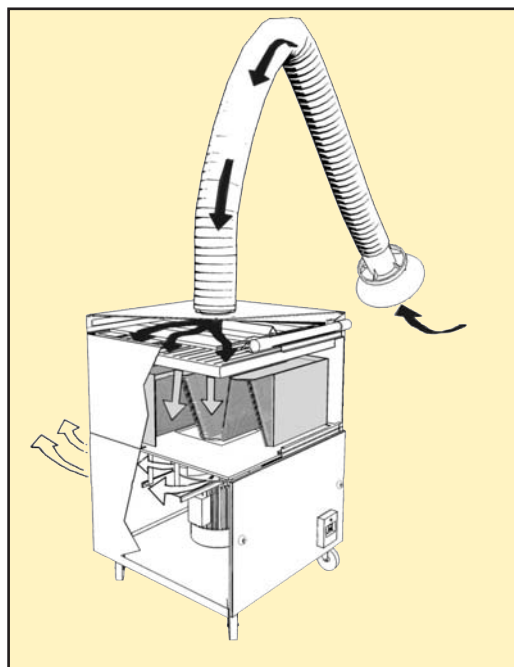
Filter elements

Standard: Basic welding filter: BIA G, F8 EuroVent, 35 m² / 376 ft²

Prod No: CLMF

Optional: Glass fibre filter: BIA C, EuroVent F9, 25 m² / 270 ft²

Prod No: GFMF



Accessories

Extension hoses fitted directly to the hood collar

SLE-20 – 2 m / 6 ft Ø 160 mm / 6"

SLE-30 – 3 m / 10 ft Ø 160 mm / 6"



Extension of semi-rigid construction, both flexible and adjustable

FSL-1 - 1 m / 3 ft Ø 125 mm / 5"



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