Sydney: (02) 9890 9111
Brisbane: (07) 3715 2200
Melbourne: (03) 9212 4422
Perth: (08) 9373 9999
Adelaide: (08) 9373 9969
sales@machineryhouse.com.au
www.machineryhouse.com.au

Product Brochure For W2723E

Anti-Explosion Laser Fume Extraction - MMF-4LEX

High Volume up to 4000 m3/h Air Filtering Capacity
99.99%% Efficiency



ORDER CODE:	W2723E
MODEL:	MMF-4LEX
Extraction Arm/Hose Length (Metre):	~
Extraction Arm Diameter (mm):	~
Air Flow (m3/h):	4000
Filtering Area (m2):	40
Inlet Size (mm):	250
Filter Type:	Ahlstrom
Filtration Efficiency:	99.99%
Collector Capacity (L):	45
Voltage / Amperage (V / A):	415 / 15
Motor Power (kW):	5.5
Compressed Air Requirements (Mpa):	0.6
Air consumption (m3/min):	0.32
Main Unit Size (w x l x h) (mm):	1363 x 1348 x 2295
Nett Weight (kg):	700

METALMASTER

1 YEAR WARRANTY

NO PLUG 415V

Description

One hazard associated with laser cutting is the potential for a fire. This is especially true when cutting aluminium and mild steel. When these two metals are cut together, they create a dangerous byproduct known as ferrite. Ferrite is a mixture of aluminium and steel powder that can ignite and cause a fire. To prevent these types of fires, it's crucial to separate aluminium and mild steel when cutting.
To mitigate the risk if cutting mixed material, we suggest thoroughly cleaning any built up material in the filters when swapping from one material to another.
The purpose of the Anti-explosion fume extractor is to contain and release in a safe manner any explosion that may happen which is caused by fine aluminium dust particles building up in the fume filter.
The Anti-explosion fume filter has the below components to help reduce and contain such explosions
- Explosion proof motor.
- Explosion proof centrifugal fan.
- Pulse controlled explosion proof pulse valve.
- Explosion vent on top of fume extractor.
- TORAY Anti-Static Filter.
- Explosion proof distribution cabinet
This Fume filter does not prevent and explosion and will only contain it should this occur, Daily, and weekly maintenance is still required and must be carried out.

Features

- High Volume high-efficiency filtration system
- Intelligent Control System with 4.3" Touch Screen
- Robust design
- Designed specifically for laser cutting
- Siemens motor, ultra-high negative pressure fan
- Supports remote start from Laser machine

Optional Accessories

- Air Ducting to suit your installation