

MF 180 filter unit



Replacement filter.
Used filters are disposable as
normal industrial waste.



A compact, highly effective and versatile exhaust filter unit designed for use on vehicles being started or moved within an enclosed environment.

An effective alternative to fixed exhaust extraction systems.

Simple and quick to fit or remove, the MF 180 provides realistic solutions to the problems of controlling vehicle exhaust pollution and in meeting increasing COSHH and Health & Safety regulations.

METRO EQUIPMENT

Increasing awareness of vehicle exhaust pollution and its effect on both human health and the environment has led to dramatic increases in the efforts to control the problem.

The effects on human health, especially within enclosed environments when engines are run from cold, is leading to an increase in COSHH regulations.

By controlling the problem at source with the use of exhaust filters fitted directly to the vehicle exhaust outlet, the problem is quickly and effectively controlled.

The filter functions immediately the engine is started and can remain fitted whilst a vehicle is moved within a building. The filters are not designed for road use or where engines will be run under load or at high rpm. for prolonged periods.

Single units are available as either a standard MF 180 with either rigid or flexible steel inserts for mounting directly into the end of the vehicle's exhaust pipe, or as a single unit with 1.5 metres of high quality flexible rubber exhaust hosing complete with a heat resistant woven sock and cambuckle.

Twin MF 180 units, either floor standing or trolley mounted, are also available for use within the workshop environment. These units are supplied complete with 3.4 metres of high quality flexible rubber exhaust hosing complete with a heat resistant woven sock and cambuckle.

Technical specification

Total length		Width	
MF 180	500 mm	Single unit	200 mm
MF 180 bus*	300 mm	Twin unit Floor	450 mm
MF 180 floor twin*	640 mm	Trolley	700 mm
MF 180 trolley twin*	960 mm		
Weight			
MF 180	5.1 kgs.	MF 180 floor twin	21.0 kgs.
MF 180 Bus*	4.2 kgs.	MF 180 trolley twin	33.5 kgs.
*excluding hose			
Maximum constant temperature	200 °C	Max. temperature - 30 secs.	300 °C
Maximum engine capacity	14.0 litres	Maximum engine speed	1,200 rpm
Average number of stop/starts	Single	>80	12.0 litre engine
	Twin	>170	12.0 litre engine
Filtration			
Particulate separation	> 99.0%	Oxides of nitrogen (Nox)	~ 80%
Carbon Monoxide (CO)	~ 50%	HC Separation	~ 35%

Designed and manufactured in the UK

METRO EQUIPMENT

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