

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 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 a rigid or flexible steel insert 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 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 Twin	>80 12.0 litre engine >170 12.0 litre engine	
Filtration			
Particulate separation	> 99.0%	Nitrous Oxides (Nox)	~ 80%
Carbon Monoxide(CO)	~ 50%	HC Separation	~ 35%