

Excessive dust in the workplace can be highly dangerous on a number of levels. Firstly, although it's rare, a cloud of concentrated dust is potentially combustible and can, therefore cause explosions so it's important that companies keep their working environments as relatively dust free as they can to avoid such catastrophes. However, the most common problem associated with dust in the workplace arises from dust related illnesses which have been found to be one of the major killers in the UK and across the world when it comes to occupational health..... The solution is the MS range of dust fume extraction.



Simple, Efficient Dust and Fume Removal Systems for Industry

Industrial Quality **MS 10** Dust/Fume Extraction

Main features

- ✓ Perfect for use in schools and workshop environments.
- ✓ Suitable for use with surface grinders, finishing machines and other light machinery.
- ✓ Easy to operate.
- ✓ Several inlet positions and sizes are available.
- ✓ Quick to install.
- ✓ Filter area of 10ft² (1m²).

How it works

Dust laden air is drawn in through the extractor hood which is connected to the unit by ductwork. On entering the unit the air given a sudden change of direction and velocity which clears the air of heavier particles, which end up in the dust tray. The finer particles get caught in the filter bag. The clean air then passes through the fan and out of the discharge. The filters are cleaned using the shaker handle with the fan stopped.

Specifications for **MS 10**

Base unit

- Perfect for use in a school or workshop environment.
- Dimensions are: Width 550mm x Height 675mm x Depth 780mm, (a clearance of 1000mm is required to empty the dust tray).
- Inlet box fitted with 3" DIA inlet as standard, other diameters and several positions are available (see diagram overleaf).
- Base frame is available with swivel or lockable castors or bolt down feet.
- Shaker handle is fitted on RHS or LHS if requested.
- Explosion relief and blast barrier can be fitted.
- The bin can hold up to 10 litres of dust.
- The unit weighs 54kg.

Motor

- 0.75 HP (0.55kw) which can be either 230v or 415v (3 phase FLA 1.3 Amps or 1 phase FLA 3 Amps).
- The motor is a 2 pole TEFV motor driving a high efficiency B.I.B centrifugal fan.
- Operating noise level of 72-74 dBA at 3m.

Filter

- Terylene needle felt (TNF) filter.
- For lengthy life use the shaker handle regularly to dislodge dust particles.
- Filter area of 10ft² (1m²).

Extra details

- Finishes can be any RAL colour paint.
- Thermal overload no volt release (TONVR) starter wired and fitted as an optional extra.
- Choice of rigid or flexible ductwork.
- Stiffeners positioned in lid to customers requirements, making it suitable for supporting small machines.

MS 10 order form

This form has been designed for you to see and prompt you into thinking about all the different options that are available to you. Please circle around the options that you want.

Number of units:

Other items required:

HEPA filter (optional extra)	Yes	No		
Blast barrier (shown by dotted rectangle below)	Yes	No		
Thermal overload	Yes	No		
Inlet box required	Yes	No		
Inlet box position	A standard	B	C	D
Voltage	230v	415v		
Feet	Swivel	lockable castors	Bolt down feet	
Finish on base unit	Any RAL colour	Paint		

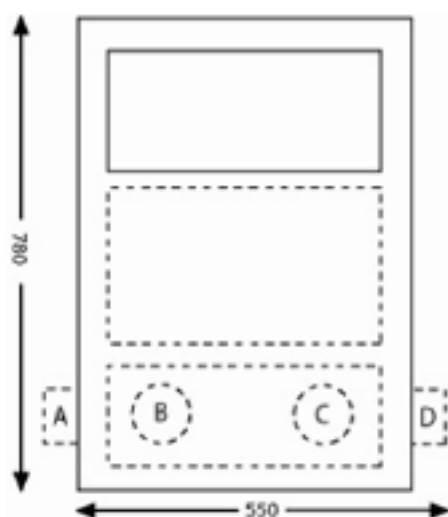


Diagram of the reverse of the unit with the possible inlet positions. The dotted rectangle shows where the blast barrier is located. If you choose to have the blast barrier you cannot use B or C.