



MSA

Modular decontamination system

An SMH Modular System Assembly provides flexible decontamination facilities on hard to reach sites, such as blocks of flats, avoiding the need to transit workers from contaminated areas to decontamination facilities, or sites where space is limited and a static or trailer –based unit is not a suitable option. When correctly set up, MSAs meet the criteria set out in the Licensed Contractors' Guide, Chapter 8, Appendix 8.1. and are built in accordance to HSG247.

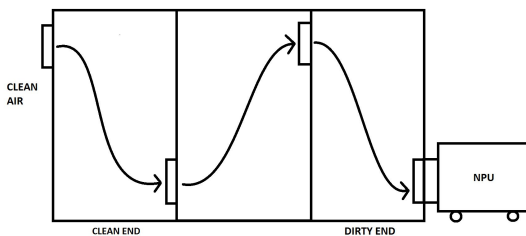
MSAs are panel-based systems which can be assembled in different configurations, (e.g. straight or L-shaped) and can be extended to provide additional stages to the standard three ('clean', shower, and 'dirty'). These areas are connected by self-closing doors and are large enough to allow the free passage of operatives through the system while wearing decontamination suits and respiratory equipment.

The panels reduce the need for storage and transportation, and are easily assembled on site.

The full MSA kits include a shower set, hoses and electrical connections for a Negative Pressure Unit and Water Management System to ensure it is a fully functional decontamination system. Fully assembled, the MSA includes personal lockers, coat hooks, mirrors, bench seating and heater.



Sinusoidal airflow



At a glance

- Available to buy or hire – see overleaf or speak to your local branch about hiring a unit
- Weather-proof and fully self-contained
- Robust 6mm polypropylene panels mean the assembly is light but durable
- Built-in vents create sinusoidal airflow, reducing the likelihood of dead spots, and ensuring the unit is kept under negative pressure
- Self-closing doors maintain the integrity of the system
- Panel system provides a flexible range of options in the build, and is easy to store and transport

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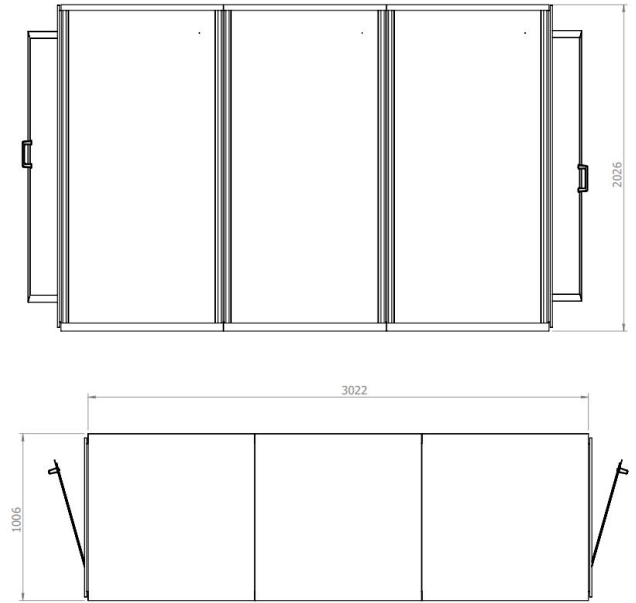
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Technical specification for the MSA

Specifications

Unit	Supplied in kit form for multiple stages, or as individual stage
Panels	6mm polypropylene
Framework	Pre-assembled aluminium framework
Equipment (additional)	1 x WMS 200 (water management system) 1 x NPU (negative pressure unit) 1 x Equipment box (all filters and accessories)

Dimensions (mm)



Parts and accessories

Parts

1. Door	2000mm x 960mm x 6mm	22kg
2. Side panel	2000mm x 960mm x 6mm	10kg
3. Corner post (4 per stage)	2000mm x 40mm x 6mm	6kg
4. Roof	1000mm x 1000mm x 6mm	4kg
5. Base	1000mm x 1000mm x 6mm	12kg
3 stage kit	3 x 1000mmx1000mx2000mm stages	216kg
5 stage kit	5 x 1000mmx1000mx2000mm stages	346kg

Accessories

NPU