



SychemAIR

AIR SHOWER

Our high efficiency **air shower** offers an outstanding level of particle removal.

SychemAIR

Key Features

Technical Information



Contact us today!

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Why choose SychemAIR?



Air shower chambers are used to remove dust, dander, and allergens from the operator.

It is a self contained unit that utilises high efficiency air flow to effectively remove all types of contaminants from every individual, reducing their contamination level before passing into a lower contamination area.

SychemAIR features a compact design, a customisable layout, easy maintenance and a flat-pack delivery option.

SychemAIR

- ✓ Active Airflow Technology
- ✓ Particle Removal Excellence
- ✓ Three Levels of Filtration

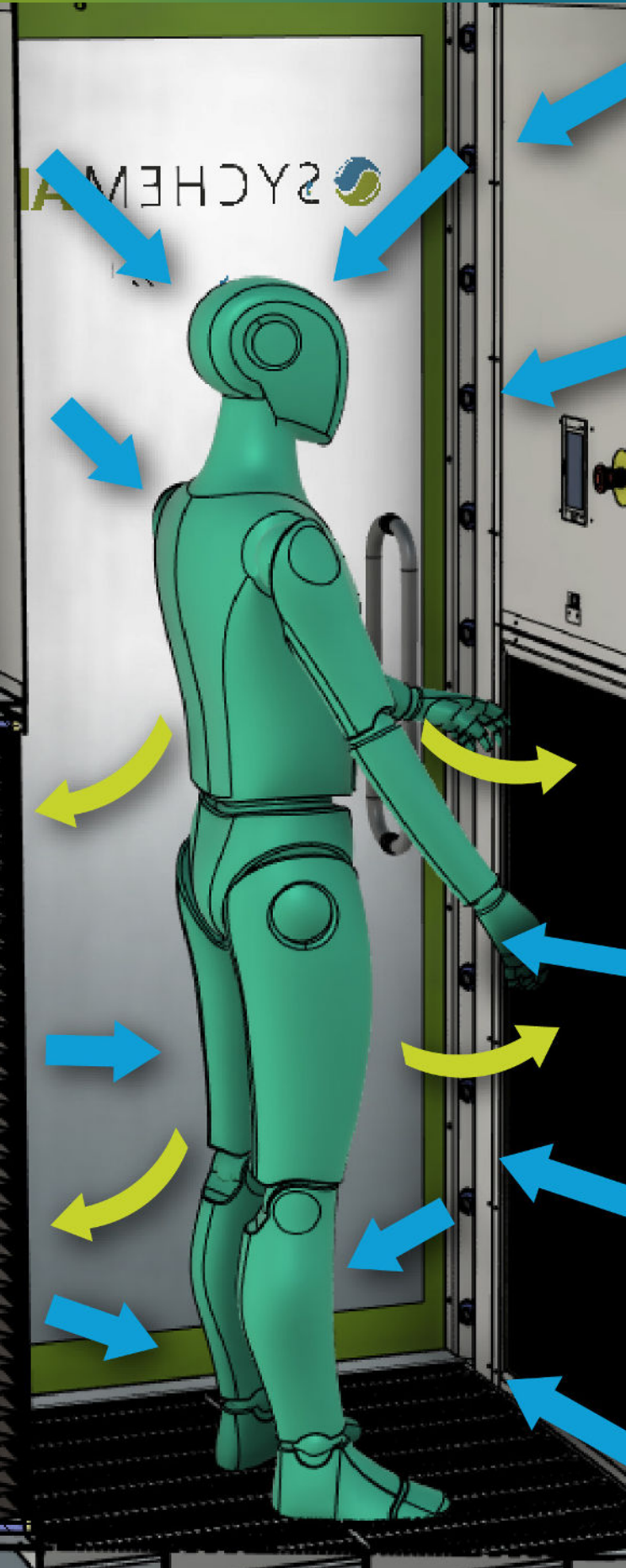
Active Airflow Technology

Our nozzles are designed to efficiently blow air from various angles, into the centre of the chamber. With an air velocity of 25 m/s (82 ft/s), SychemAIR competes with current market leaders.

SychemAIR utilises multiple fans in strategic locations, allowing for redundant airflow, and increasing the unit's reliability.



48 air nozzles create the best air coverage on the market.



Particle Removal Excellence

SychemAIR is equipped with a total of 48 air nozzles, creating an enveloping airflow. The nozzles are located in opposing corners and are angled towards the direction of the occupant, enabling optimal particle removal.

Three Levels of Filtration

SychemAIR utilises a three-level filtration system: a dust filter, a pre-filter, and a HEPA H14 filter.

The dust filter removes the larger particles such as hair, skin, and dirt from the air, and prolongs the life of the pre-filter.

The pre-filter is designed to remove medium-sized particles, such as dust, from the air.

The air then passes through the HEPA filter, removing particles up to 0.3 μm , including allergens and dander.

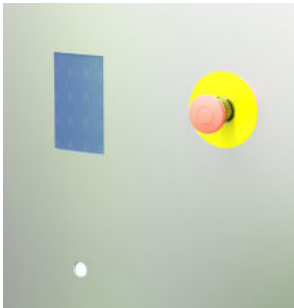
Key Features



Easy Maintenance

A full body in stainless steel, designed for easier cleanability and stronger durability. SychemAIR is designed to be easily maintained and can be done so from within the air shower. The floor is easily removable, enabling the user to vacuum away any dirt and dust.

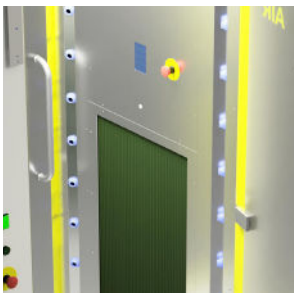
Technician access is through the ceiling.



Increased Security

SychemAIR features 3 safety stop push buttons, 1 internal and 2 external. This allows the machine to be stopped at any point of use. Each door has 2 magnetic locks to prevent premature door opening, securing the airflow while the cycle is running.

Sequenced to maintain effective barrier protecting against misuse.



User-friendly design

SychemAIR is user-friendly, and easy to operate. The whole particle removal process is completed in less than a minute, starting from pressing the door release button, through to stepping out into the clean side. This efficient set-up optimises staff entry time into a lower contamination level environment.



Customisable Solutions

SychemAIR is available as a straight through passage, angle passage, and T passage (with 3 doors).

The chamber size can also be elongated as a straight through air shower corridor. The overall height can be adjusted for your facility's requirements.

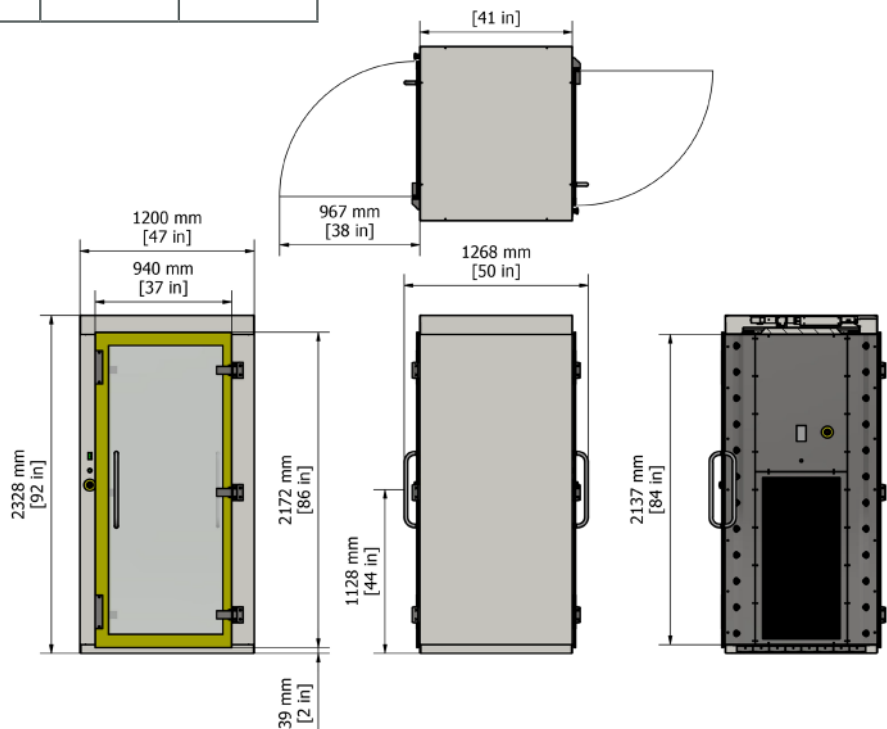
Technical information

Dimensions		
Dimension Description	Inches	mm
Width	47	1200
Height	92	2328
Depth (inc handles)	50	1268

Noise	
Noise	dB
Fans only	tbc

Weight		
Weight	lbs	kgs
Unpacked Weight	tbc	tbc

Air Velocity		
Air Velocity	m/s	ft/s
Air Velocity	25	82



Easy Installation Options

SychemAIR can be ordered as pre-built, or in a flat-pack configuration, for easy installation in limited access facilities. Our flat-pack solution offers flexible installation options to best suit your facility's needs.





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INTERNATIONAL TRADE
2022



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