SychemAir Air Shower

NEW

Our high efficiency air shower offers an outstanding level of particle removal ensuring protection for your animals, staff and Biomedical research.

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.

AirFlow Range

SychemAIR is part of our Airflow Range, a collection of five systems that also includes: a dual access change station, a free flow bedding dispenser, a bedding disposal unit and a class 2 microbiological safety cabinet.

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.

Particle Removal Excellence

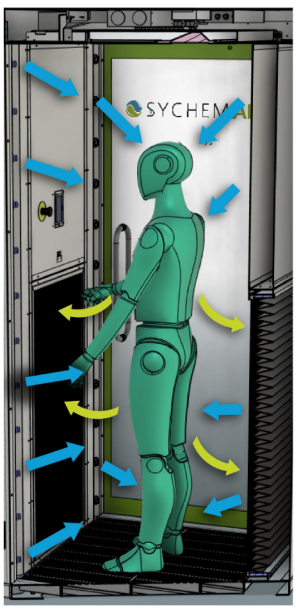
SychemAIR is equipped with a total of 48 air nozzles, creating an enveloping airflow. The nozzles are located in opposing corners and are angled towards the direction of the occupant, enabling optimal particle removal.

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

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

Noise	
Noise	**dB**
Fans only	tbc

Weight		
Weight	**lbs**	**kgs**
Unpacked Weight	tbc	tbc



ZOONLAB GmbH
Hermannstraße 6
44579 Castrop-Rauxel
Deutschland

ZOONLAB
ANIMAL HUSBANDRY EXPERTS

T: +49 (0) 23 05 - 9 73 04 - 0
F: +49 (0) 23 05 - 9 73 04 - 44
E: info@zoonlab.de
www.zoonlab.de

Easy Maintance

A full body in stainless steel, designed for easier cleanability, long duration, and better resistance to scratches. SychemAIR is designed to be customer maintainable. It is maintained entirely from within the air shower. The floor is easily removable, enabling the user to vacuum away any dirt and dust.

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.

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.

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 two magnetic locks to prevent premature door opening, securing the airflow while the cycle is running.

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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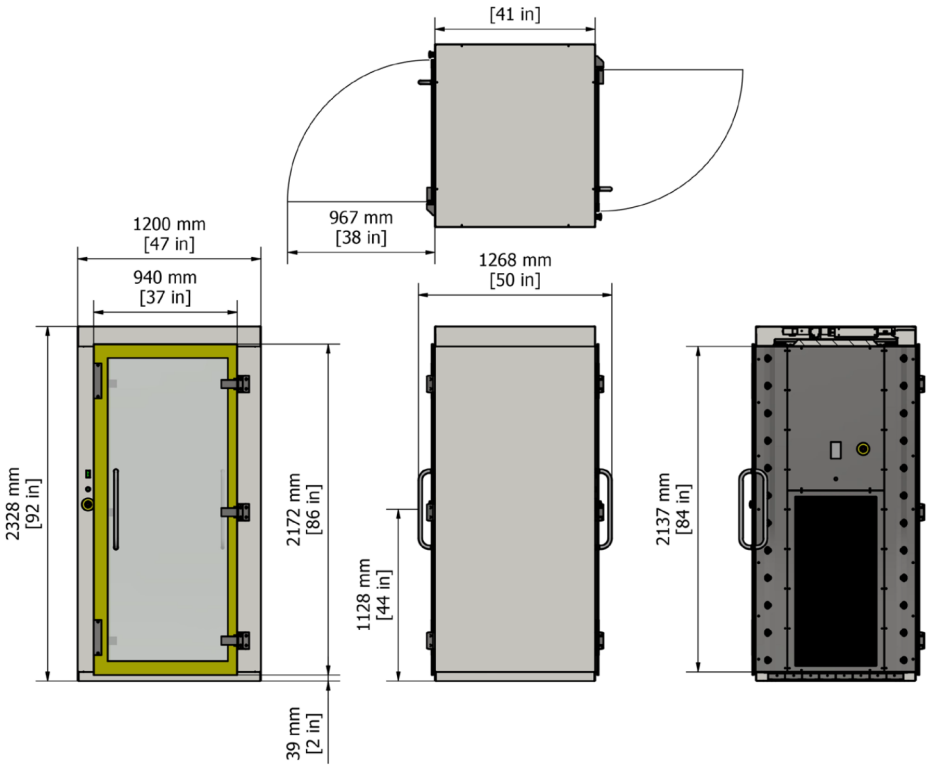

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