



Mycology Hood

Protecting Cultivation While Maximizing Your Mushroom Yield

Mycology, the study of fungi, is a broad field that encompasses the food and beverage trades, agricultural and environmental industries, as well as medical and pharmaceutical research. In the food and beverage arena, mushroom cultivation and farming provide wider consumer access to an increased variety of gourmet mushrooms.

Laminar flow hoods provide an aseptic environment ideal for mycology applications, enabling improved cultivation and harvest techniques to create better control over growth conditions. HEPA or ULPA filtration and laminar airflow ensure mushroom cultures on the work surface are protected from airborne contaminants such as mold, yeasts and other particulates.

The Air Science® Mycology Hood delivers ISO Class 5 air via positive pressure in a laminar airflow pattern to prevent airborne contamination from entering the work area. Air Science Mycology Hoods include an efficient filtration system equipped with HEPA or ULPA filters, which remove up to 99.97% of particles 0.3 microns or larger or 99.999% of particles 0.12 microns or larger, respectively. The Air Science exclusive [Multiplex™ Filtration Technology](#) used in the Mycology Hood is designed to provide comprehensive performance at an affordable price.

The Air Science Mycology Hood prevents cross-contamination, a leading cause of cultivation failure.

[Contact us](#) to learn how we can help you maximize your mushroom harvest.



AIR SCIENCE MYCOLOGY HOOD

The Mycology Hood is engineered to protect mushroom cultures on the interior work surface from molds, yeasts and airborne particulates by using HEPA or ULPA filtration to create a contaminant-free work zone with ISO Class 5 air cleanliness. Filtered air passes uniformly through the air supply plenum via vertical laminar flow to prevent the introduction of contaminants during normal use. The Mycology Hood delivers a cost-effective, aseptic work environment, creating the controlled conditions necessary for repeatable mushroom cultivation and growth.

The Air Science Mycology Hood, available in three model sizes, is designed for benchtop use or installation on an optional base stand or mobile cart. A large front opening permits unrestricted access to the work surface. Clear back and side panels provide ambient illumination with an unobstructed view of the work area.

MODEL	FLOW-24	FLOW-36	FLOW-48
Nominal Width	24" / 610 mm	36" / 914 mm	48" / 1219 mm
Internal Height	23.5" / 596 mm	23.5" / 596 mm	23.5" / 596 mm
Internal Depth	22.5" / 571 mm	22.5" / 571 mm	22.5" / 571 mm
External Dimensions (W x D x H)	24" x 24" x 35" 610 x 610 x 889 mm	36" x 24" x 35" 914 x 610 x 889 mm	48" x 24" x 35" 1219 x 610 x 889 mm

[LEARN MORE](#)



Model FLOW-24



Air Science® USA LLC
120 6th Street • Fort Myers, FL 33907
T/239.489.0024 • Toll Free/800.306.0656 • F/800.306.0677
www.airscience.com

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