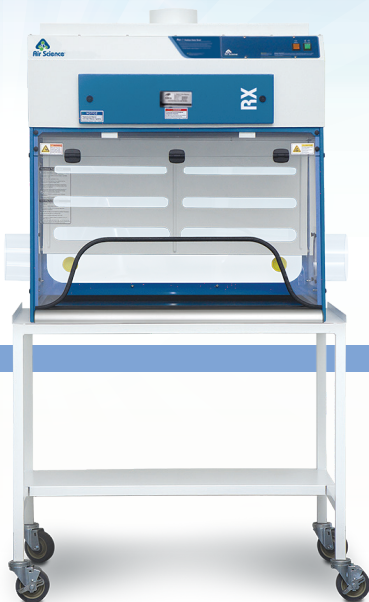


SERIES  
Laboratory®



Industrial, Analytical, Life Science and  
Biotech Laboratories

Ductless Fume Hoods, Laminar Flow and  
Biosafety Cabinets, Air Filtration Products,  
Replacement Carbon Filters.



# FOR SAFETY AND PERFORMANCE

Air Science® manufactures a complete series of high-efficiency ductless fume hoods, laminar flow workstations, laboratory filtration products and custom enclosures designed to protect the user, the process and the environment from hazardous vapors, fumes and particulates.





*Models P5-24-XT  
and P5-36-XTS.*

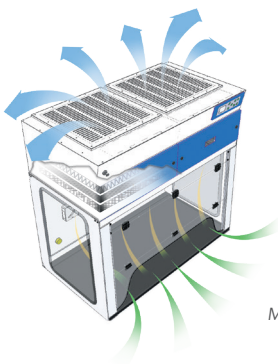
**Purair**<sup>®</sup> BASIC

## Ductless Fume Hood, Basic

The Purair Basic ductless fume hoods are designed to provide high-level performance features at an affordable price. Purair Basic ductless hoods are designed to protect the user and the environment from hazardous vapors generated on the work surface. Multiplex Filtration Technology creates a safe work environment over the widest range of applications. Choose from 12 standard and shallow depth models, 60Hz or 50Hz, available in 24", 36" or 48" sizes.

[airscience.com/purair-basic-ductless-fume-hoods](http://airscience.com/purair-basic-ductless-fume-hoods)

**multiplex**<sup>™</sup>



*Models P10-XT  
and P20-XT.*

**Purair**<sup>®</sup> ADVANCED

## Ductless Fume Hood, Advanced

The Purair Advanced Series ductless fume hoods provide a large work space and use high-capacity filters for more demanding applications. Multiplex Filtration Technology creates a safe work environment over the widest range of applications in the industry. Choose from 14 standard models, 60Hz or 50Hz, plus shallow depth and polypropylene models. The Purair Advanced comes in 30", 34", 39", 49", 59", 69" and 96" widths.

[airscience.com/purair-advanced-ductless-fume-hoods](http://airscience.com/purair-advanced-ductless-fume-hoods)

**multiplex**<sup>™</sup>

**E.F.T.**<sup>™</sup>

**Air Science**<sup>®</sup>

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## UNIQUE TECHNOLOGIES MAKE THE DIFFERENCE

### multiple<sup>™</sup>

The Air Science Multiplex<sup>™</sup> Filtration System creates a combination of chemical and physical architecture customized to each application. The Multiplex option permits one or more filtration options to be combined to meet a wider range of multiple-use applications. Multiplexing permits configuration for the capture of acids, bases and particulates such as biological aerosols when paired with HEPA or ULPA filters.



Enhanced Filtration Technology carbon filters contain a wide range of core chemical families. These include organic acids, alcohols, aliphatic hydrocarbons, aromatic hydrocarbons, esters, aldehydes, ketones, ethers, halogens and others. The EFT<sup>™</sup> system can contain inorganic acids as well.



The SafeSwitch<sup>™</sup> bag-out filter replacement system minimizes exposure to filter contaminants when removing used carbon or HEPA filters for insertion of new filters. When replacement is required, a draw cord manually activates an internal louver set to close the filter face for easy bag-out recovery.

Products Exceed OSHA, ANSI and Other International Standards.



Models P5-36-XT (RX)  
and P5-24-XT (RX).

**Purair<sup>®</sup>** RX

## Ductless Balance and Compounding Enclosures

The Purair<sup>®</sup> RX Enclosure functions as a Class I BSC and meets USP 795 and USP 800 criteria for non-sterile compounding procedures. Designed to protect the user and the environment from hazardous powders and particulates generated on the work surface, this cabinet can be configured with double HEPA filter combinations to eliminate the need for a thimble connection to a facility exhaust system. If a carbon safety filter is selected, the cabinet will contain chemical byproducts generated on the work surface for external exhaust through the thimble connection. These benchtop cabinets are available in widths of 24", 36" and 48".

[airscience.com/purair-rx-ductless-balance-enclosures](http://airscience.com/purair-rx-ductless-balance-enclosures)

USP  
800  
COMPLIANT



USP  
795  
COMPLIANT



multiple<sup>™</sup>

safe  
SWITCH<sup>™</sup>

## Vented Enclosure<sup>™</sup> SERIES

### Filtered Containment Cabinets



Model VE48T.

Vented Enclosures<sup>™</sup> provide effective containment of airborne particulates during process and transfer of powdered agents and potent compounds. Units can be operated in three modes: total exhaust through in-house ductwork, ductless operation via connection to the optional fan/filter box or a combination of both. Choose from a range of standard and tall cabinet configurations in widths from 24", 34", 48" and 60".

[airscience.com/vented-enclosures](http://airscience.com/vented-enclosures)



Model DWS24.  
**multipleX**  
**EFT**

# DWS™

## Downflow Workstation

DWS™ Downflow Workstations are high-efficiency ductless fume hoods designed to protect the user while allowing unrestricted front and side access. Downward airflow pulls vapors and particulates away from the operator and into the filtration chamber. Choose from three workstations, 24", 36" or 48" wide.

[airscience.com/ductless-down-flow-workstations](http://airscience.com/ductless-down-flow-workstations)



Model 64T.  
**multipleX**

# Safestore™

## Vented Chemical Storage Cabinets

Safestore™ vented chemical storage cabinets are useful for storage of noxious or odorous chemicals. These cabinets prevent accumulation of vapors by actively filtering the internal chamber. The Multiplex filtration system can be configured to remove a wide variety of vapors and particulates. Choose from benchtop or freestanding cabinets.

[airscience.com/safestore-vented-chemical-storage-cabinets](http://airscience.com/safestore-vented-chemical-storage-cabinets)



Model FLOW-24.  
**multipleX**

# Purair®

## Compact Laminar Flow Cabinet

The compact Purair FLOW Series vertical laminar flow cabinets are ideal for use in laboratory environments where space is limited. Using HEPA filtration to remove dust and other airborne particulates, the result is a work zone that meets and exceeds ISO Class 5 requirements. These benchtop workstations are available in widths of 24", 36" and 48".

[airscience.com/purair-flow-laminar-flow-hoods](http://airscience.com/purair-flow-laminar-flow-hoods)



**Purair**® LF Series

## Laminar Flow Hoods

*Models VLF-48 and HLF-72;  
HLF-72 shown on optional cart.*

Purair Laminar Flow Hoods are high-efficiency cabinets designed to protect equipment and other contents of the work zone from particulates. All models use an ULPA filter and meet and exceed ISO Class 4 requirements. These cabinets are ideally suited for use with non-hazardous contaminants when flexible access to the equipment in the work zone is desired. Choose from standard or tall models, horizontal or vertical flow, in widths of 24", 36" 48", 60", 72" and 96". Stainless steel models available upon request.

[airsience.com/purair-flow-laminar-flow-cabinets](http://airsience.com/purair-flow-laminar-flow-cabinets)

multi<sup>plex</sup>



**Purair**® PCR

## PCR Workstation

The Purair PCR laminar flow cabinet employs the Multiplex HEPA filtration technology to create a safe, energy-efficient, contaminant-free work surface. It is ideally suited for use with non-hazardous contaminants where flexible access to the PCR instrumentation in the cabinet is required. The open cabinet architecture permits easy access to the work surface. An integral UV lamp is provided to enhance contamination control. Choose from 24", 36" and 48" wide benchtop cabinets.

*Model PCR-24.*

multi<sup>plex</sup>



[airsience.com/purair-pcr-laminar-flow-cabinets](http://airsience.com/purair-pcr-laminar-flow-cabinets)



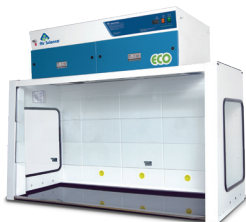
Model AS-AHA-133-CA-B.

# Purair<sup>BIO</sup>

## Biological Safety Cabinet

The Purair BIO BSC is designed to protect individuals, the environment and products from a variety of biological particulates, serving as the primary barrier in life science research and experimentation. These Class II Type A2 biosafety cabinets minimize and contain Biosafety Level 1-3 agents, maintaining negative pressure inside the cabinet during operation to prevent contaminants from escaping the work area. EN and NSF-49 listed models available. Choose from 36", 48", 60" and 72" wide.

[airscience.com/purair-bio-biosafety-cabinets](http://airscience.com/purair-bio-biosafety-cabinets)



Model ECO-25.

multiple<sup>®</sup>  
EFT<sup>™</sup>

# Purair<sup>ECO SERIES</sup>

## Green Laboratory Applications

The Purair ECO Series ductless fume hoods are designed to protect the user and the environment from hazardous vapors generated on the work surface. Air Science Multiplex Filtration Technology and EFT Enhanced Filtration Technology assure universal protection in the work environment over the widest range of applications in the industry. Choose from five models in 30", 39", 49", 59" and 69" widths.

[airscience.com/purair-eco-ductless-fume-hoods](http://airscience.com/purair-eco-ductless-fume-hoods)



Model EDU-M-60.

multiple<sup>®</sup>  
EFT<sup>™</sup>

# EDU<sup>™</sup> SERIES

## Ductless Classroom Demonstration Cabinets

The EDU<sup>™</sup> Series ductless fume hoods are designed for demonstration and teaching in individual and group applications. These fume hoods protect the teacher, student and the classroom environment from hazardous vapors. All models are portable with clear front, side and rear walls to permit 360° visibility. Selected cabinets are compliant with the Americans for Disability Act (ADA). Choose from six models including a compact 24" mobile unit. Other sizes are 34", 39.5", 49.5" and 59.5" wide.

[airscience.com/edu-class-demo-hoods](http://airscience.com/edu-class-demo-hoods)





*Custom Enclosure.*

# CustomEnclosure<sup>SERIES</sup>

## For Product, Personnel or Environmental Protection

Air Science Custom Enclosures™ can be designed to protect the process, operator or both from particulates, fumes and vapors. Cabinets are based on standard control, airflow and filtration components common to the Air Science product line, and can be sized to accommodate most commonly used robotic systems.

[airscience.com/custom-engineered-products](http://airscience.com/custom-engineered-products)



## Vent-Box™

### Storage Cabinet Ventilation and Filtration System

The Vent-Box™ increases protection against inhalation risks without expensive energy-consuming ductwork. The Vent-Box is useful where flammable or corrosive materials, acids, paints, pesticides and other hazardous materials are stored. The compact, modular design can be installed on shallow safety storage cabinets in multiple configurations. Universal connections permit retrofit to almost all available flammable and safety cabinets on the market.

*Model VB60.  
Storage cabinet  
not included.*

**multiple**

[airscience.com/vent-box-ductless-filtration](http://airscience.com/vent-box-ductless-filtration)

# CarbonFilters

## Available Online for Air Science and Major Worldwide Manufacturers

Air Science granular carbon filters are available for sale online as replacement filters for Air Science and most major fume hood brands sold throughout the world. Air Science filters are compounded from enhanced, activated carbon particle formulations sourced from specially selected, naturally occurring raw material superior to wood or other organic sources. Our granular carbon is treated to attain the proper porosity and aggregate surface area and to react with several ranges of aerosolized chemicals moved through the filter by an air handling blower. Filter frames are robust to resist torsion and to assure a tight seal. Specify fume hood make and model number when ordering online.

[airscience.com/carbon-filters](http://airscience.com/carbon-filters)



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