

OPERATOR PROTECTION

Polypropylene Ductless Fume Hood - Folding Sash

A ductless solution for most common applications

Polypropylene ductless fume hoods protect both the operator and the environment by filtering toxic fumes, vapors, or gases through AirClean® Systems' proprietary bonded carbon filtration before returning clean air to the room. Standard with a thermally-fused integral spill tray, polypropylene ductless fume hoods are chemically resistant to virtually all corrosive applications.

For the widest application range possible, each polypropylene hood is designed to accommodate up to seven inches of filtration. By stacking a HEPA filter followed by a bonded carbon filter, the operator can effectively filter both toxic particulate and chemical fumes. For high evaporation or multi-chemical applications, a full seven-inch stack of chemical filtration may be recommended.



AC4000 Polypropylene Ductless Fume Hood shown on optional base cabinet

Features:

- AirSafe™ automatic safety controller monitors airflow face velocity and carbon filter saturation
- Polypropylene construction for chemical resistance. The result: NO RUST
- Wide range of bonded activated carbon and HEPA filters for containment of virtually any toxic vapor, fume, gas, or particulate
- AirZone™ baffling establishes a proper horizontal airflow pattern and directs toxins away from the operator in a predictable pattern, eliminating "dead spots" within the hood
- No ductwork required
- Integral vapor-proof fluorescent lighting
- No installation required. All AirClean® Systems hoods are shipped fully assembled and arrive ready to use
- Available in 110V or 220V AC

Options:

- Vented and unvented polypropylene base cabinets
- Access port for electrical cords
- Polypropylene sink and deck-mounted fixtures
- Sturdy stand with leveling feet
- Clear sides and back

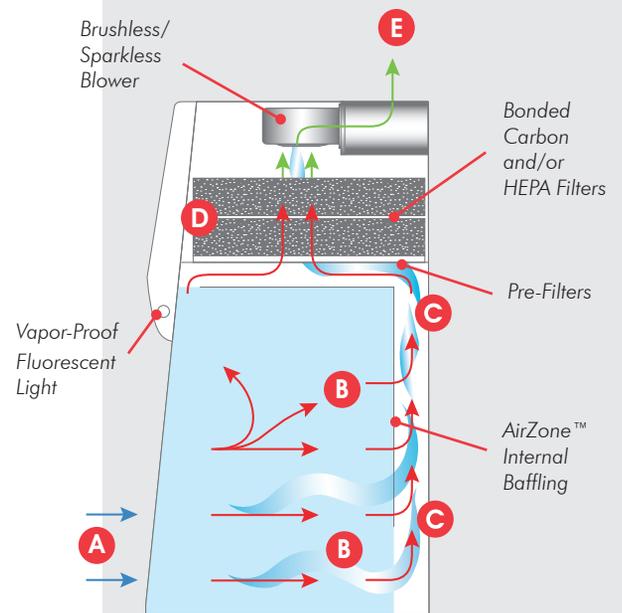
AirClean® Systems ductless hoods, workstations and enclosures meet and exceed relevant OSHA and ANSI Z9.5 standards



AC4000 Polypropylene Ductless Fume Hood on optional stand

How the folding sash polypropylene ductless fume hood works:

1. Room air flows away from the operator and enters the enclosure in a horizontal pattern at "A".
2. Room air mixes with both lighter and heavier gases at "B" before being drawn into the AirZone™ baffling at "C".
3. Contaminated air is directed through the filtration bed at "D".
4. Clean air is recirculated into the room at "E".



 **UL and CSA CERTIFIED**

POLYPROPYLENE DUCTLESS FUME HOOD DIMENSIONS - FOLDING SASH

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC3000	36"	30"	54"	35"	26"	35"
AC3036	36"	36"	54"	35"	32"	35"
AC4000	48"	30"	54"	47"	26"	35"
AC4036	48"	36"	54"	47"	32"	35"
AC5000	60"	30"	54"	59"	26"	35"
AC5036	60"	36"	54"	59"	32"	35"
AC6000	72"	30"	54"	71"	26"	35"
AC6036	72"	36"	54"	71"	32"	35"

OPERATOR PROTECTION

Polypropylene Ductless Fume Hood - Sliding Sash

The look and feel of a traditional fume hood, without the associated installation or energy costs

AirClean® Systems polypropylene ductless fume hoods with vertical sliding sash are similar to traditional exhaust fume hoods, yet do not require costly ductwork and HVAC systems to eliminate toxic fumes, vapors and gases. Operators familiar with exhaust hoods feel at home thanks to the vertical sliding safety glass sash, dual wall construction, and optional front-mounted fixtures. In addition to these time-tested features, the AirSafe™ automatic safety controller provides constant airflow monitoring, automatically maintaining the operator-specified face velocity as the sash is raised or lowered.



AC4000S Polypropylene Ductless Fume Hood with sliding sash, shown on optional base cabinet

Features:

- AirSafe™ automatic safety controller monitors airflow face velocity and carbon filter saturation
- Vertical sliding safety glass sash
- Dual wall construction allows for front mounting of services such as water, gas, or electric
- AirZone™ internal baffling provides even airflow for maximum containment
- FlowSmooth™ airfoil on sash lip promotes consistent laminar airflow
- Polypropylene construction for excellent chemical resistance. The result: NO RUST
- Wide range of bonded activated carbon and HEPA filters for containment of virtually any toxic vapor, fume, gas, or particulate
- No installation required. All AirClean® Systems hoods are shipped fully assembled and arrive ready to use
- Integral vapor-proof fluorescent lighting
- Available in 110V or 220V AC

Options:

- Vented and unvented polypropylene base cabinets
- Remote services — gas, water, vacuum, and air
- Duplex electrical outlets
- Polypropylene sinks and water fixtures
- Slip hatch electrical access ports

Hoods, workstations, and enclosures are shipped fully assembled

AirClean® Systems ductless hoods, workstations and enclosures meet and exceed relevant OSHA and ANSI Z9.5 standards



AC4000S Polypropylene Ductless Fume Hood with sliding sash, shown on optional base cabinet

 **ASHRAE110 TESTED**

 **UL and CSA CERTIFIED**



AirSafe™ automatic safety controller



AirZone™ internal baffling provides even airflow for maximum containment



Dual wall construction allows for front mounting of services

POLYPROPYLENE DUCTLESS FUME HOOD DIMENSIONS - SLIDING SASH

Product #	External Dimensions			Internal Dimensions		
	Width	Depth	Height	Width	Depth	Height
AC3000S	36"	30"	60"	30"	25"	36"
AC3036S	36"	36"	60"	30"	31"	36"
AC4000S	50"	30"	60"	44"	25"	36"
AC4036S	50"	36"	60"	44"	31"	36"
AC6000S	72"	30"	60"	66"	25"	36"
AC6036S	72"	36"	60"	66"	31"	36"
AC8000S	96"	30"	60"	90"	25"	36"
AC8036S	96"	36"	60"	90"	31"	36"