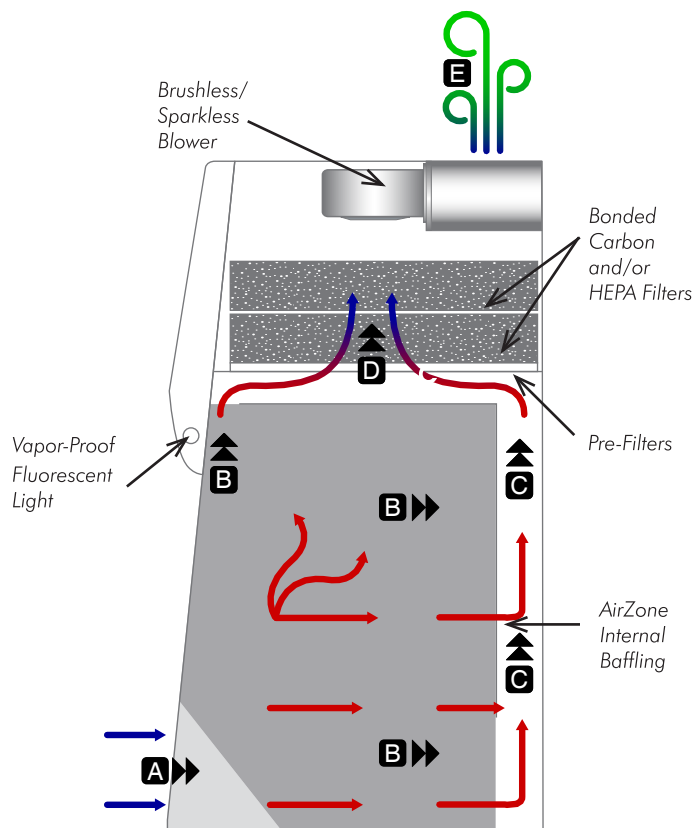




AC4000 Polypropylene Ductless Fume Hood on optional stand

### 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".



### 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"

# Polypropylene Ductless Fume Hood Folding Sash

## 220V



GENERAL SPECIFICATIONS		
Construction Material	Work Surface	Polypropylene – No Rust
	Walls	Polypropylene – No Rust
	Baffle	Polypropylene – No Rust
	Front Sash	Clear Polycarbonate
	Filtration Housing	Polypropylene – No Rust
	Top Outside Cover	Epoxy Powder-Coated Steel
Controls		AirSafe™ Automatic Safety Controller
Face Velocity - Variable		User Defined; 0.2-0.6 (m/s)
Lighting		Vapor-Proof Fluorescent
Blowers		Variable-Speed; Brushless-Sparkless
Low Airflow Alarm		Custom Audible / Visible Alarm
Lab Event Timer		Adjustable Audible / Visible Timer
Filter Monitoring Package		Audible / Visible Alarm

DIMENSIONS										
Product #	External Dimensions (mm)			Internal Dimensions (mm)			Sash Opening Dimensions (mm)			
	Width	Depth	Height	Width	Depth	Height	Width	Height		
								Opening	Sash Fold 1	Sash Fold 2
AC3000220	914	762	1372	889	699	889	819	203	406	724
AC3036220	914	914	1372	889	851	889	819	203	406	724
AC4000220	1219	762	1372	1194	699	889	1124	203	406	724
AC4036220	1219	914	1372	1194	851	889	1124	203	406	724
AC5000220	1524	762	1372	1499	699	889	1429	203	406	724
AC5036220	1524	914	1372	1499	851	889	1429	203	406	724
AC6000220	1829	762	1372	1803	699	889	1734	203	406	724
AC6036220	1829	914	1372	1803	851	889	1734	203	406	724

TECHNICAL SPECIFICATIONS								
Product #	Electrical			Volume of Filtered Air	Pre-filters Required	Primary Filtration Layer	Optional Additional Filtration Layer	Unit Weight*
	Voltage	Amps	Power					
AC3000220	220 V	2.0 A	370 W	14.4 CMM	2	2 HEPAs or 2 Carbons	2 Carbons	136 kg
AC3036220	220 V	2.0 A	370 W	14.4 CMM	2	2 HEPAs or 2 Carbons	2 Carbons	150 kg
AC4000220	220 V	2.0 A	380 W	14.4 CMM	3	3 HEPAs or 3 Carbons	3 Carbons	154 kg
AC4036220	220 V	2.0 A	380 W	14.4 CMM	3	3 HEPAs or 3 Carbons	3 Carbons	168 kg
AC5000220	220 V	2.0 A	390 W	14.4 CMM	4	4 HEPAs or 4 Carbons	4 Carbons	170 kg
AC5036220	220 V	2.0 A	390 W	14.4 CMM	4	4 HEPAs or 4 Carbons	4 Carbons	191 kg
AC6000220	220 V	3.0 A	550 W	21.7 CMM	5	5 HEPAs or 5 Carbons	5 Carbons	186 kg
AC6036220	220 V	3.0 A	790 W	27.2 CMM	5	5 HEPAs or 5 Carbons	5 Carbons	204 kg

\*Unit weight is an approximation, and does not include weight of installed filtration



[www.AirCleanSystems.com](http://www.AirCleanSystems.com) • [info@aircleansystems.com](mailto:info@aircleansystems.com)

Phone: (919) 255-3220 • Toll Free: (800) 849-0472 • Fax: (919) 528-0015