

AIR SENTRY®

High Performance Floor Mounted Fume Hoods

PRODUCT SPECIFICATIONS

Floor mounted hoods and distillation hoods are designed to accommodate tall or oversized apparatus. The patented design of dual separate exhaust zones for the upper and lower chambers of these hoods allows for greater control of the hood interior airflow patterns and increases fume capture effectiveness and efficiency.



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	HOOD MODEL	HOOD WIDTH	EXHAUST VOLUME	SASH OPENING VERTICAL	FACE VELOCITY VERTICAL	STATIC PRESSURE	COLLAR SIZE	
							FRONT	REAR
FLOOR MOUNTED	HWASC5	5'	700 CFM	25" x 51"	75 FPM		10"	3" x 16"
	HWASC6	6'	870 CFM	25" x 63"	75 FPM	0.45" W.G.	10"	3" x 16"
	HWASC8	8'	1210 CFM	25" x 87"	75 FPM		(2)10"	(2)3" x 16"
	HWASC10	10'	1380 CFM	25" x 111"	75 FPM	0.55" W.G.	(2)10"	(2)3" x 16"
	HWASC12	12'	1890 CFM	25" x 135"	75 FPM		(2)12"	(2)3" x 20"
DISTILLATION	HLASC4	4'	430 CFM	20.5" x 39"	75 FPM	0.45" W.G.	10"	3" x 16"
	HLASC5	5'	565 CFM	20.5" x 51"	75 FPM		10"	3" x 16"
	HLASC6	6'	720 CFM	20.5" x 63"	75 FPM	0.45" W.G.	(2)10"	(2)3" x 16"
	HLASC8	8'	980 CFM	20.5" x 87"	75 FPM		(2)10"	(2)3" x 16"

- Inquire for exhaust flows for alternate face velocities. Inquire for setback minimum flows for two state or VAV exhaust system.
- Static pressure losses are for the fume hood only.



General:

- Complies with UL 1805, SEFA 1, NFPA 45, ANSI/AIHA Z9.5
- Tested to the ANSI/ASHRAE 110 performance standard
- Operating average face velocity range of 50 FPM - 125 FPM
- Powder-coated paint finish available in a variety of colors.
- Available Standard Widths: 48", 60", 72", 96"
- Air Sentry fume hoods feature fiberglass reinforced polyester side liners.
- Restricted Bypass design for connecting fume hood to a Variable Air Volume (VAV) or Low Flow Constant Air Volume exhaust system.

Sash:

- Fume hoods come standard with a combination vertical/horizontal sash system utilizing a chain and sprocket counterbalance system
- Horizontal sliding panels utilize top hung rollers
- All sashes feature 1/4" thick laminated safety glass
- All sashes feature specially designed aerodynamic frames and handles

Plumbing Services:

- Optional plumbing services are available on the fume hoods

Electrical Services:

- Optional electrical services are available on the fume hoods
- Optional Digital Airflow monitor with automatically adjusting baffle system.



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