

# AIR SENTRY®

## High Performance Bench Mounted Fume Hoods

### PRODUCT SPECIFICATIONS

The workhorses of most laboratories, Bench Mounted Fume Hoods are set on a work surface between 29" and 36" high. The Air Sentry fume hoods are ergonomically designed to help the operator work in a safe manner. The combination style sash is standard on these hoods and Lab Crafters offers a wide variety of service fixture accessories and work surface options to suit the researcher's needs.



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## High Performance Bench Mounted Fume Hoods

HOOD MODEL	HOOD WIDTH	EXHAUST VOLUME	SASH OPENING VERTICAL	FACE VELOCITY VERTICAL	STATIC PRESSURE	COLLAR SIZE
HBASC3	3'	280 CFM	28" x 27"	60 FPM	0.20" W.G.	8"
HBASC4	4'	400 CFM	28" x 39"	60 FPM	0.20" W.G.	8"
HBASC5	5'	525 CFM	28" x 51"	60 FPM	0.20" W.G.	10"
HBASC6	6'	645 CFM	28" x 63"	60 FPM	0.20" W.G.	10"
HBASC7	7'	770 CFM	28" x 75"	60 FPM	0.25" W.G.	(2) 8"
HBASC8	8'	820 CFM	25" x 87"	60 FPM	0.25" W.G.	(2) 8"
HBASC10	10'	1,025 CFM	25" x 111"	60 FPM	0.35" W.G.	(2) 10"
HBASC12	12'	1,270 CFM	25" x 135"	60 FPM	0.35" W.G.	(2) 10"

\* 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 ¼" 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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