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FUME HOODS

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Return Policy: *Due to the unspecified nature of their use and the environment in which they are used, fume hoods may only be returned due to shipping damage reported within 2 days of receipt, and only if the unit has not been used.*

NEW PRODUCT!

Clear View Fume Hoods

Safely Vent Noxious or Potentially Hazardous Fumes and Dust

- 3 position sash; 360° visibility
- Clear polycarbonate provides optimum visibility and durability
- Available in two sizes
- Perfect for laboratories and educational settings



Safely vent noxious or potentially hazardous fumes and dust using Scienceware® Clear View Fume Hoods. Constructed of clear polycarbonate, they have a sleek modern style that is functional and aesthetically pleasing while offering an unobstructed view into the hood from all sides. Two standard sizes are offered, each with a sliding sash that can be completely lowered or set at a choice of two intermediary heights. Top sitting 6" O.D. vent opening(s) allow easy connection to exhaust systems. Perfect for laboratory, classroom or industrial applications.

1 x 1 Model: Compact design won't consume valuable space. Visibility into the fume hood is possible from all sides which makes this model great for educational settings. A single exhaust vent opening (6" O.D.) is centered on the top of the unit for easy connection to exhaust systems.

2 x 1 Model: Same great all-clear visibility of the 1 x 1 Model, but with twice the work space. Two exhaust vent openings (6" O.D.) are located on the top of the model and ready for easy connection to exhaust systems.

Custom Models to Your Specifications: The modular construction of these fume hoods allows factory assembly of custom-sized models by adding units for length or height (depth is fixed at 22½"). Please contact customer service for more information about this option.

Continued on next page



Clear View Fume Hoods (continued)

CATALOG NO.	DESCRIPTION	OVERALL DIMENSIONS (W x D x H)	INTERIOR DIMENSIONS (W x D x H)
F50020-1010	1 x 1 Fume Hood	65.7 x 61.0 x 66.3cm (25 7/8 x 24 x 26 1/2")	61.0 x 50.8 x 61cm (24 x 20 x 24")
F50020-2010	2 x 1 Fume Hood	111.4 x 61.0 x 66.3cm (43 7/8 x 24 x 26 1/2")	106.7 x 50.8 x 61cm (42 x 20 x 24")



Observation Fume Hood

Maximum Visibility and Protection During Lessons

Lightweight and economical, this hood has clear polycarbonate windows which are stronger than acrylic, wipe clean with a damp cloth, and provide excellent visualization in a group setting. The front sash opens to three adjustable positions for air flow control. The hood's polyethylene surface is chemical resistant and easy to clean. Stepped exhaust duct will accept either a 12 or 15cm (4 or 6") diameter duct. An exhaust system capable of drawing 200 cfm (free air) is recommended. Overall dimensions are 69 x 33 x 56cmH (27 x 13 x 22"). Back, stationary window is 50.8 x 27.9cmH (20 W x 11"). Shipping weight 18.1kg (40lbs.)



CATALOG NO.	DIMENSIONS (L x W x H)
H50000-2002	69 x 33 x 56cm (27 x 13 x 22")

FUME HOODS

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Small Molded Benchtop Fume Hood

Saves Space and Money

Designed for small facilities or installations in which a number of fume hoods are needed, this unit is excellent for use in schools, junior colleges and universities. Features include a one-piece shell molded of chemical resistant polyethylene with rounded inside corners for easy cleaning. The clear acrylic sash slides on a track featuring stop pins for open, closed or intermediate positions, and a bottom gap allows for continuous air flow. The front opening is 56W x 30cmH (22 x 12"). The stepped exhaust duct can be used with either a 12 or 15cm (4 or 6") diameter duct. An exhaust system capable of drawing 200 cfm (free air) is recommended. Overall dimensions are 69 x 33 x 56cmH (27 x 13 x 22"). Shipping weight 17 kg. (38 lbs).



CATALOG NO.

DIMENSIONS (L x W x H)

H50000-0002

69 x 33 x 56cm (27 x 13 x 22")

Large Molded Fume Hood

Rounded Inside Corners for Easy Cleaning

This fume hood features a one-piece shell molded of polyethylene with a clear acrylic sash that slides on inside tracks. It can be set in an open, closed or intermediate position. The front opening is 88 x 36cmH (34½ x 14¾"). When in the closed position, the sash remains open slightly to facilitate continuous air flow. Stack O.D. is 15cm (6"). An exhaust system capable of drawing 350 cfm (free air) is recommended. Overall dimensions are 107 x 51 x 76cmH (42 x 20 x 30"). Shipping weight 25.5 kg (56 lbs.).



CATALOG NO.

DIMENSIONS (L x W x H)

H50000-0003

107 x 51 x 76cm (42 x 20 x 30")

Large Molded Fume Hood with Baffle

Low Turbulence Airflow

This fume hood is the same as H50000-0003, shown above, but includes a flat internal baffle across the rear of the shell. The baffle slopes forward, leaving space beneath for air flow to sweep the deck, and space above in order to efficiently remove airborne vapors. Overall dimensions are 107 x 51 x 76cmH (42 x 20 x 30"). Shipping weight 25.5 kg (56lbs.).



CATALOG NO.

H50000-0004

DIMENSIONS (L x W x H)

107 x 51 x 76cm (42 x 20 x 30")

Draft Checker™ Airflow Detection Powder

"See" the Air Flow

A quick, easy way to test the safety of fume hood exhaust before use. Just a squeeze or two from the plastic bottle dispenses a cloud of ultra-fine, lightweight silica powder, which remains suspended long enough to visually check whether or not the fume hood exhaust is functioning properly. It is also useful for detecting drafts, gas leaks and air currents in rooms, ducts and exhaust systems. The amorphous silica powder is inert, non-toxic and non-flammable. 1.5 gm bottle.



CATALOG NO.

F19939-0000

FUME HOODS

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Tapered Rear Exhaust Fume Hoods

Ideal Vent for Tanks and Vats

These corrosion-proof polypropylene exhaust hoods are designed to rest on the rear edge of tanks and draw a stream of air across the top of the tank away from the operator.

CATALOG NO.	WIDTH x HEIGHT	SLOT HEIGHT x DEPTH	STACK O.D.	MATERIAL THICKNESS
H50015-0000	61 x 31cm (24 x 12")	7.6 x 7.6cm (3 x 3")	15cm (6")	4.8mm (3/16")
H50016-0000	91 x 46cm (36 x 18")	7.6 x 7.6cm (3 x 3")	20cm (8")	4.8mm (3/16")
H50017-0000	122 x 61cm (48 x 24")	7.6 x 10.2cm (3 x 4")	20cm (8")	6.4mm (1/4")

NEW PRODUCT!



Techni-Dome® 360 Fume Hood

Compact Hood for Tight Spaces

This compact fume hood fits in easily on crowded benchtops. Clear, polycarbonate body has a smooth interior for easy cleaning, allows unrestricted viewing from all angles, is resistant to a wide range of chemicals, and provides high impact strength and scratch-resistance. Stepped outlet connects to standard exhaust systems with 4 or 6" vent piping. The Techni-Dome® Fume Hood has a 50cm (20") ID and 45cm (18") height, making it ideal for simple micropipetting processes, blending of chemicals, handling of small biohazard items or interactive museum/educational displays. Overall volume, 65

liters (4000 cu. in.), overall dimensions 60W x 60cm H (22"W x 22"H).



CATALOG NO.	DESCRIPTION
F50000-0100	Techni-Dome® 360 Fume Hood



Fabricated Fume Hood

Cost Effective Alternative to Metal Hoods - Great for Use When Sparking Is a Concern

The translucent polypropylene hood is non-conductive, chemical-resistant and corrosion-proof. Sash is made of clear acrylic that provides unimpeded visibility and light to the work area. It may be set open at three positions from 25cm (10") to 53cm (21"). Durable construction includes 6.4mm (¼") thick polypropylene with heavier sections where needed. Outside dimensions are 122cm (48") wide, 61cm (24") deep, and 91cm (36") high. A full length, 3.2mm (⅛")

thick interior baffle directs airflow across the table surface as well as vertically. The stack has a 15.2cm (6") outside diameter, with a damper. An exhaust system capable of drawing 500 cfm (free air) is recommended. Shipped in a crate. Weight 45.4 kg. (100 lbs).



CATALOG NO.

DIMENSIONS (L x W x H)

H50000-0000

122 x 61 x 91cm (48 x 24 x 36")

Custom Fabricated Fume Hoods

Built to Your Specifications

Fabricated fume hoods can be custom-built to your specifications in size, design or material. Features such as built-in sinks, multiple stacks, piping and spray apparatus can be included. Please submit a sketch showing your requirements. For more information call 1-800-4BEL-ART or visit our website at www.belart.com.

