

DOMINION

LABORATORY FURNITURE - FUME HOODS



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Breathe Easier with Fume Hoods

Laboratory Fume Hoods are typically considered equipment items manufactured with the sole purpose being able to ventilate hazardous and/or toxic fumes, gases or particles limiting the users' exposure. The principle is simple; air is drawn in from the front (open) side of the hood and expelled outside the building.

Secondary functions of fume hoods include spill containment and other to the work being done within the fume hood.

FEATURES

- Available in bench and floor mounted designs.
- "C" series (straight edged top panel)
- "H" series (contoured edge top panel)
- Single weight chain and sprocket counter balance system is standard on both series
- Bypass panel with manual adjustment to accommodate CV and VAV systems



Laminated Safety Glass
Auto sash with 28.5" vertical opening/
lock open feature



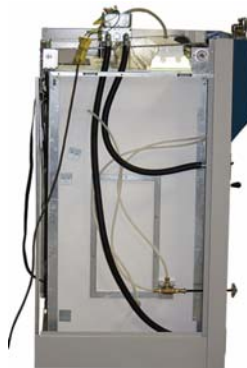
Removable end panel for access when
wall cases are present



Sash with frameless PVC guides
Raised airfoil; flipper style
Reinforced integrated pull; raises
and lowers outside the fume hood
Lowers to 18"



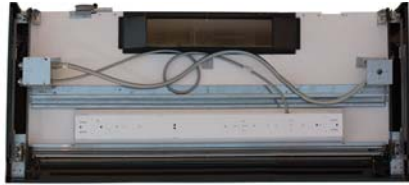
Back access panel (1 or 2) depending
on width of hood



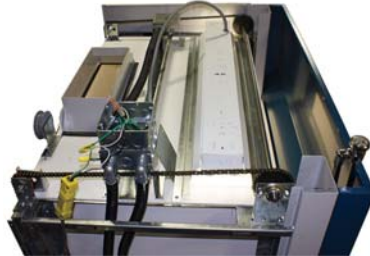
Polyethylene piping (gas is braided)
stainless steel with compression fitting



Special piping available



Fume Hood top view



Fume Hood top view



When required, Watersaver remote control color coded fixtures



Fume Hood acid units available for storage of corrosive chemicals. Available with top panel or full height doors.



Chemical resistant with 3/16" white poly resin liner

OPTIONAL FEATURES

- Safety monitor
- Paper screen
- Vacuum breaker
- Gooseneck fixture
- Front loaded fixtures
- Ceiling enclosures
- Contoured rectangular exhaust collar (painted)



Fume Hood cabinets available with top panel over the cupboard.



Units are provided without a shelf allowing plumbing access. Two back access panels are provided for all size units. Optional shelf is available.



ALSO AVAILABLE

- Base Cabinets
- Table Frames
- Wall Case and Tall Case Units
- Lab Accessories
- Special Products
- Drawers, Leg Frames
- Shelving, Standards, Brackets, Lips
- Umbilicals, Reagent Racks
- Filler, Scribes, Misc.



EXHAUST PARAMETERS

		Hood Size	48"	60"	72"	96"
		Vent Collar Size	6"x15"	6"x23"	6"x23"	6"x30"
60 FPM	28-1/2" Max Sash Opening	CFM	456	598	741	1026
		SP	0.08	0.07	0.1	0.1
80 FPM	18" Max Sash Opening	SFM	384	504	624	864
		SP	0.05	0.04	0.06	0.06
100 FPM	18" Max Sash Opening	CFM	480	630	780	1081
		SP	0.08	0.07	0.1	0.1
100 FPM	28-1/2" Max Sash Opening	CFM	760	997	1235	1710
		SP	0.08	0.07	0.1	0.1

POWDER COAT COLOR GUIDE

SEFA 8 and US Green Building Council LEED compliant.

Petal White PCR 01	Shell White PCR 02	Chameleon PCR 03	Platinum PCR 04
Sand PCR05	Khaki PCR06	Dark Khaki PCR07	Dove Gray PCR08
Slate Gray PCR09	Black PCR10	Blue PCR11	Indigo PCR14
Sandstone PCR15	Slight variations in the representation of color may occur due to commercial printing tolerances.		



Invincible's quality steel products are fabricated in Manitowoc, Wisconsin with American labor. Approximately 94% of our component parts (including our steel) are manufactured in the USA.

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