

Supreme Air Venturi Fume Hood

Floor Mounted Hood with Horizontal Sash

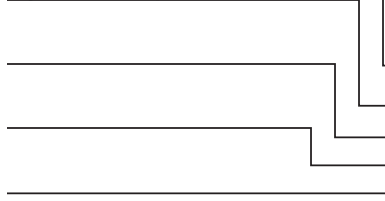
V67F68...

(indicate fittings/fixtures required)
(hole plugged if no fitting specified)

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[Option K - Fan/Blower Switch]

Light/Sash Stop Controller



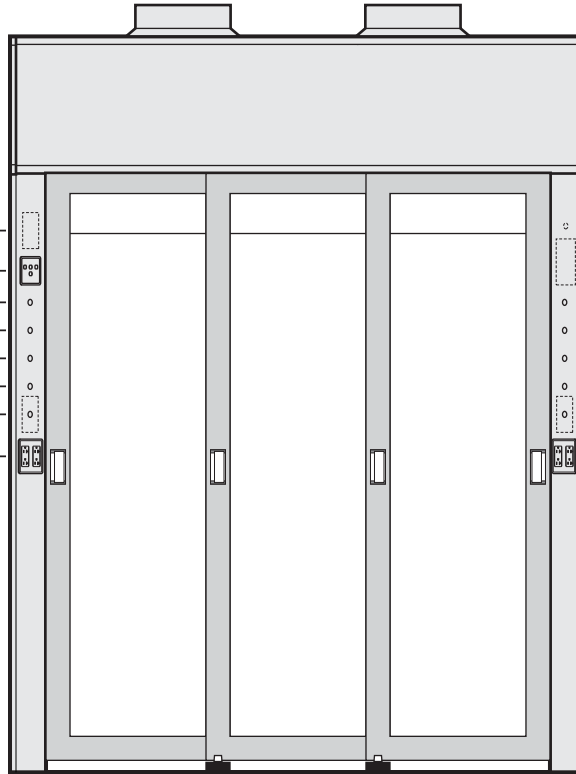
[Water]

[Option P1 - Cord Port]

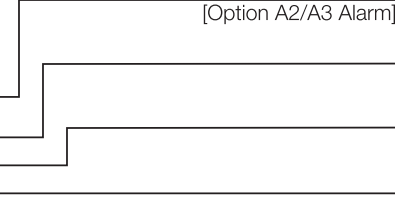
120VAC GFCI Double Duplex

Pre-piping: (pick one if required)

- IN** Installed (no piping)
- PU** Pre-piped Up
- PD** Pre-piped Down
- SP** Pre-piped Single Point
 - Up - Left Side
 - Up - Right Side



[Option A2/A3 Alarm]



[Water]

[Option P1 - Cord Port]

120VAC GFCI Double Duplex

Receptacles: (pick one)

- S** Spec. Grade GFCI
- H** Hospital Grade GFCI

Receptacle Color: (pick one)

- K** Black **V** Ivory
- W** White **G** Grey
- R** Red

Wiring: (pick if required)

- U** Pre-wired - Top of Hood

Length: (pick one only)
 72" 96" 120" 144"

Interior Depth: (pick one only)
 24" 30" 36" 48"

Required Options: (pick one from each group)

- Interior Liner Material** (pick one)
- G** Kemglass (Fiberglass Reinforced Polyester)
 - L** Type 316L Stainless Steel
 - S** Type 304L Stainless Steel
 - T** Phenolic Resin

Sash Frame (pick one)

- M** Powder Coated Steel Frame
- S** Type 304L Stainless Steel Frame

Sash Glass (pick one)

- G1** Laminated Safety Glass
- G2** Tempered Safety Glass
- G3** Polycarbonate

Service Fitting Valve Type (pick one)

- F1** Rod Control Needle Valves
- F3** Front Load Needle Valves

- V** Modified By-pass for VAV Control System

VAV Controller Manf: _____

Model: _____

Minimum CFM:

Add-on Options: (pick all required)

- A2** Air Alert 600 Alarm
 - A3** Air Alert 300 Alarm
- (pick only one)

- D** Distillation Rack - Preparation
- E** Fire Suppression System
- S** Safety Shield
- T** Tissue Screen
- P1** Cord Ports - one in each post
- W** Work Shelf Supports (6 foot hoods only)

- B1** Vapor Proof Light
- B2** Explosion Proof Light
- K** Fan/Blower Switch - (1hp motor rated)

- C** Stainless Steel Duct Collar

Sash Height	Inside Depth	Overall Length	Hood Liner	Sash Frame	Sash Glass	Service Fittings	Electrical Fixtures	Add-on Options (separated by commas)	COLOR	ITEM NO.	QUANTITY
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Technical Information

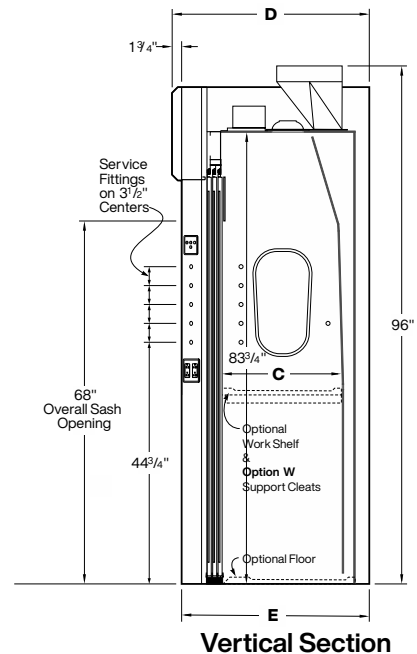
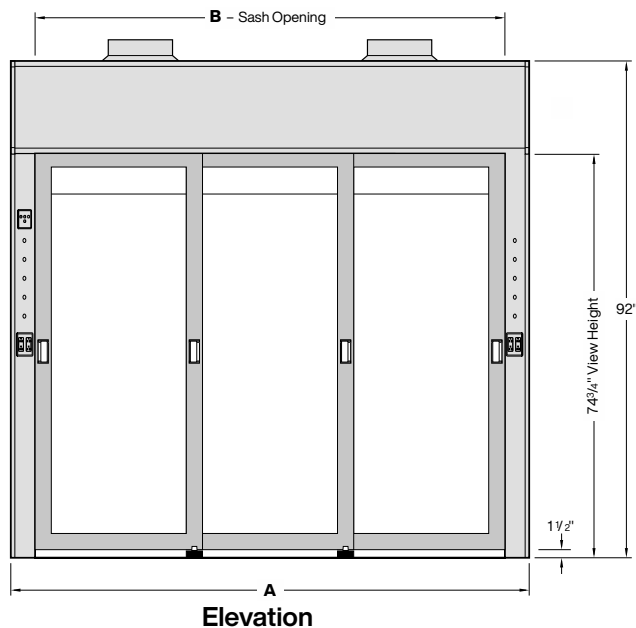
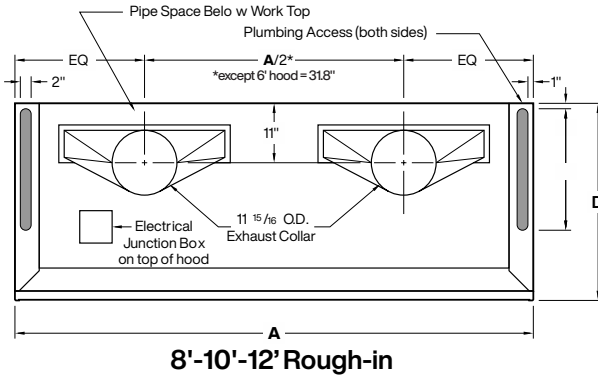
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Airflow (CFM) Requirements

Face Velocity	Panels Fully Open							
	6'-0" / 72"		8'-0" / 96"		10'-0" / 120"		12'-0" / 144"	
	CFM	SP	CFM	SP	CFM	SP	CFM	SP
120 FPM	2672	1.32	3688	1.63	4239	1.66	5166	2.06
100 FPM	2227	0.92	3074	1.15	3532	1.17	4305	1.46
80 FPM	1782	0.60	2459	0.75	2826	0.77	3444	0.96

Static pressures shown are for the pressure drop through the hoods only. The total pressure drop through the hood and the duct system must be calculated to select the proper exhaust fan.

Inside Depth	ANSI Z9.5 Minimum Flow Rate							
	150 Air Changes/Hour				375 Air Changes/Hour			
	6'-0" / 72"	8'-0" / 96"	10'-0" / 120"	12'-0" / 144"	6'-0" / 72"	8'-0" / 96"	10'-0" / 120"	12'-0" / 144"
24" deep	210 CFM	290CFM	370CFM	450CFM	520CFM	720 CFM	910 CFM	1110 CFM
30" deep	260CFM	350CFM	450CFM	540CFM	630CFM	870 CFM	1110 CFM	1350 CFM
36" deep	300CFM	420CFM	530CFM	640CFM	750 CFM	1030 CFM	1320 CFM	1600 CFM
48" deep	390CFM	540CFM	690CFM	840CFM	980CFM	1350 CFM	1720 CFM	2090CFM



Dimensions - Length				
A	72"	96"	120"	144"
B	63"	87"	111"	135"

Sash Panel Widths and Quantities				
Hood	72"	96"	120"	144"
Doors	23"(3)	31"(3)	23"(5)	29"(5)

Dimensions - Depth				
C	24"	30"	36"	48"
D	36 1/2"	42 1/2"	48 1/2"	60 1/2"
E	34 3/4"	40 3/4"	46 3/4"	58 3/4"