

# Supreme Air Venturi Fume Hood

# V67F 68...

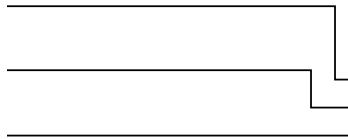
Floor Mounted Hood with Combination Vertical Rising/Horizontal Sash

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

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

[Option K - Fan/Blower Switch]

Light/Sash Stop Controller



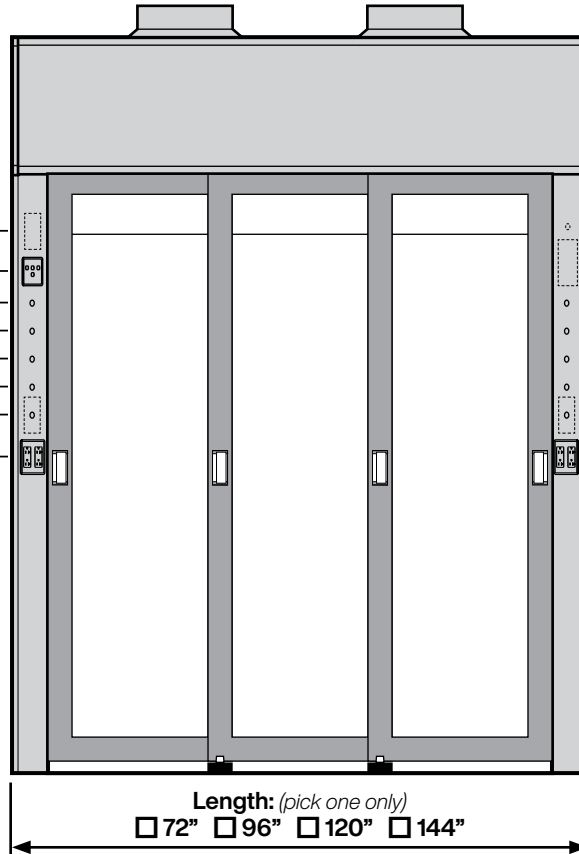
[Water]

[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
- W** White
- R** Red
- V** Ivory
- G** Grey

**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 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
- 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 (4, 5, & 6 foot hoods only)
- B1** Vapor Proof Light
- B2** Explosion Proof Light
- K** Fan/Blower Switch - (1 hp 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
<b>V67F 68</b>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

# Technical Information

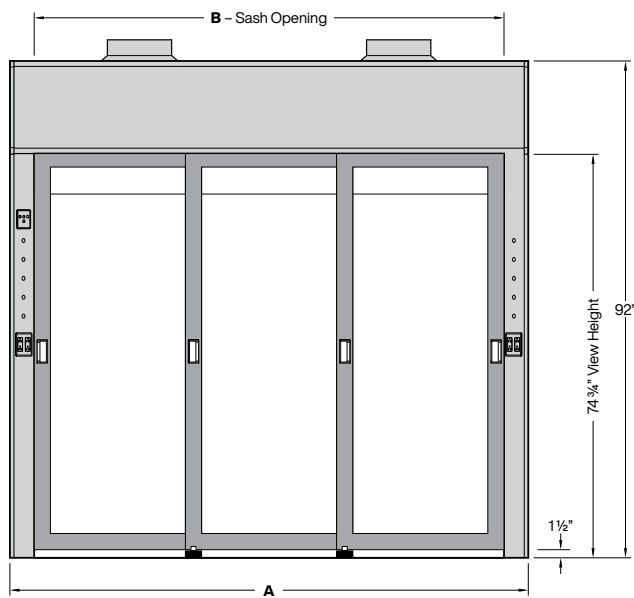
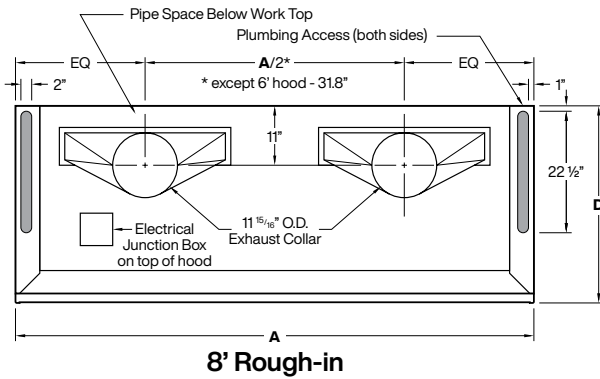
# V67F 68...

## Airflow (CFM) Requirements

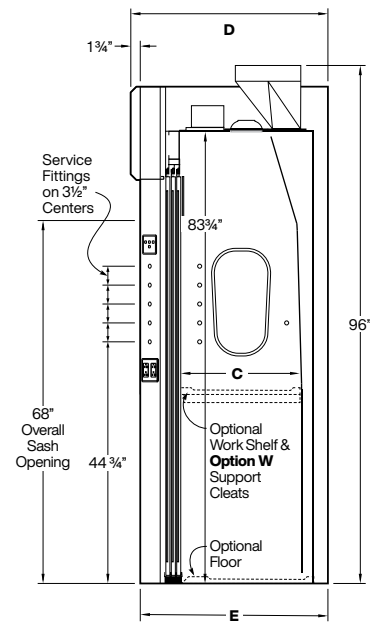
Face Velocity	Panels Fully Open							
	6' / 72"		8' / 96"		10' / 120"		12' / 144"	
	CFM	SP	CFM	SP	CFM	SP	CFM	SP
120 FPM	2672	1.32	3688	1.63	4239	1.66	5166	2.06
100 FPM	2227	0.92	3074	1.15	3532	1.17	4305	1.46
80 FPM	1782	0.60	2459	0.75	2826	0.77	3444	0.96

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



Elevation



Vertical Section

Dimensions - Length				Sash Panel Widths (& Quantities)					
A	72"	96"	120"	144"	Hood	72"	96"	120"	144"
B	63"	87"	111"	135"	Doors	23" <sup>(3)</sup>	31" <sup>(3)</sup>	23" <sup>(5)</sup>	29" <sup>(5)</sup>

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"