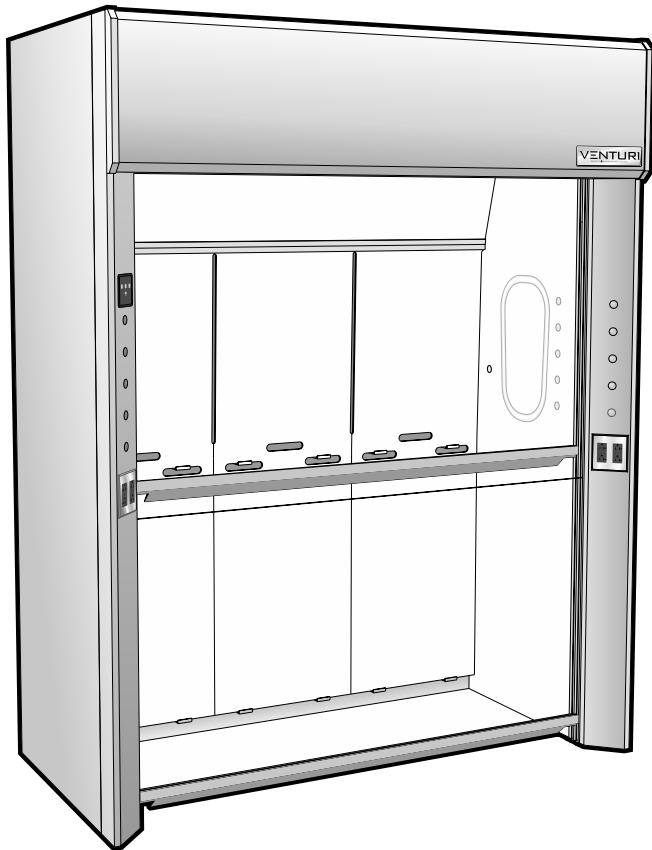


V65 – Floor Mounted Fume Hood

with Vertical Rising Sash



Accessories Included:

- 4 120 VAC 20 amp GFCI* protected duplex receptacles
** when wired to a single circuit, as standard with Option U*
- 1 LED light fixture with illumination and color controller
- 1 Mechanical sash stop

Available Sizes:

part no.
code

Sash Opening Height:	
64 ¹ / ₄ inches / 1632mm	64
Inside Depth:	
24 inches / 610mm	24
30 inches / 762mm	30
36 inches / 914mm	36
48 inches / 1219mm	48
Overall Length:	
48 inches / 1219mm	48
60 inches / 1524mm	60
72 inches / 1829mm	72
96 inches / 2438mm	96

Available Liner Types:

part no.
code

Kemglass	G
Fiberglass reinforced polyester 1805 UL classified	
KMER	K
Kewaunee Modified Epoxy Resin	
Type 316L Stainless Steel	L
1805 UL classified	
Type 304L Stainless Steel	S
1805 UL classified	
Phenolic Resin	T

Additional Parts Required for a Complete Fume Hood Assembly

Work Floor & Shelf	see page 58
Ceiling Enclosure	see page 61
Service Fittings	see page 62

Available Sash Frames:

part no.
code

Frameless	N
Powder Coated Steel	M
Type 304L Stainless Steel	S

Sash Opening Height	Inside Depth	Overall Length	Liner Type	Sash Frame	Sash Glass	Fitting Holes	Electrical Fixture	Option Choices (separated by commas)
V65F64	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	- <input type="text"/>	, <input type="text"/>	, <input type="text"/>	- <input type="text"/>
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Technical Information

V65

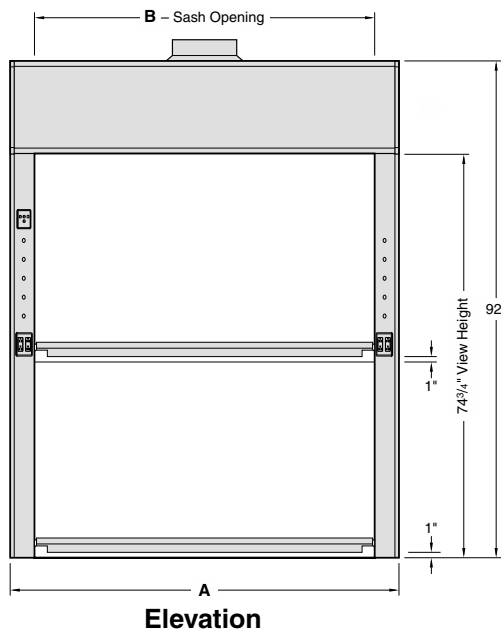
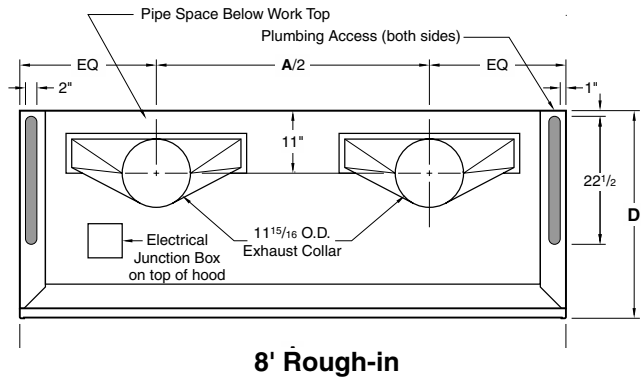
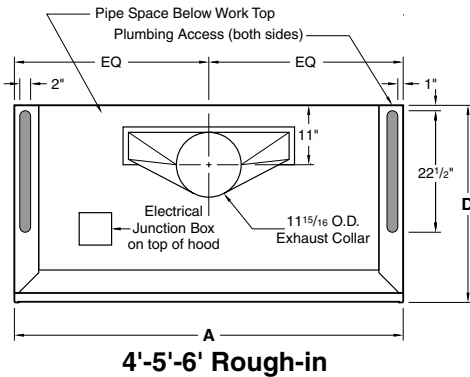
Airflow (CFM) Requirements

Face Velocity	28" High Sash Opening								18" High Sash Opening							
	4'-0" / 48"		5'-0" / 60"		6'-0" / 72"		8'-0" / 96"		4'-0" / 48"		5'-0" / 60"		6'-0" / 72"		8'-0" / 96"	
	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP
120 FPM	980	0.55	1280	0.70	1580	0.90	2180	0.70	660	0.25	850	0.35	1050	0.40	1450	0.30
100 FPM	820	0.40	1070	0.55	1330	0.65	1830	0.45	550	0.20	720	0.25	890	0.30	1230	0.20
80 FPM	660	0.30	860	0.35	1060	0.45	1460	0.30	440	0.15	580	0.20	710	0.20	980	0.15

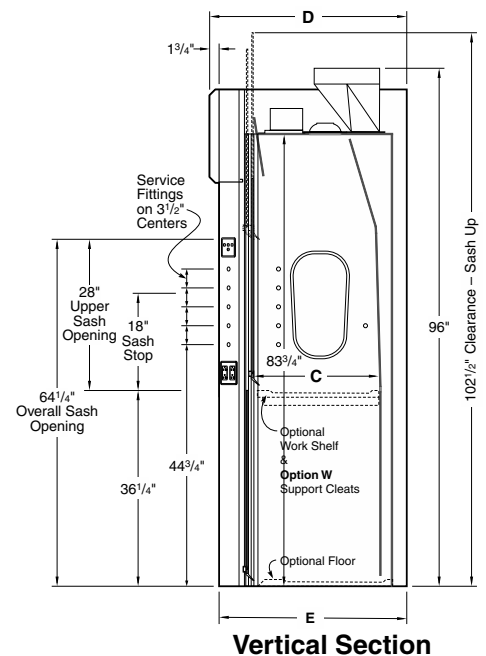
Static pressures shown are for the pressure drop through the hoods only. The total pressure drop through the hood and the duct system must be calculated to select the proper exhaust fan.

ANSI Z9.5 Minimum Flow Rate

Inside Depth	150 Air Changes/Hour				375 Air Changes/Hour			
	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"
24" deep	130 CFM	170 CFM	210 CFM	290 CFM	320 CFM	420 CFM	520 CFM	720 CFM
30" deep	160 CFM	210 CFM	260 CFM	350 CFM	390 CFM	510 CFM	630 CFM	870 CFM
36" deep	190 CFM	250 CFM	300 CFM	420 CFM	470 CFM	610 CFM	750 CFM	1030 CFM
48" deep	250 CFM	320 CFM	390 CFM	540 CFM	610 CFM	790 CFM	980 CFM	1350 CFM



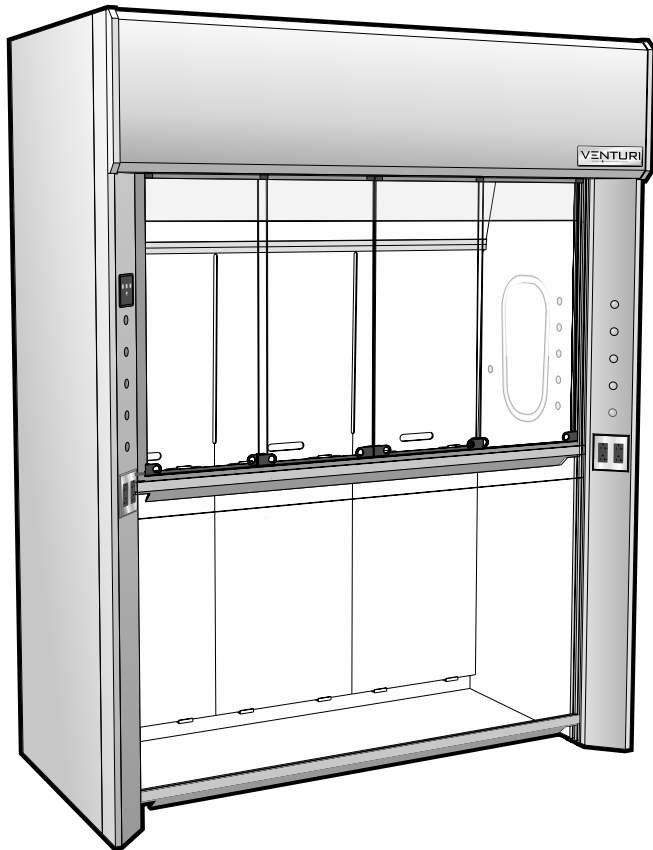
Dimensions - Length				
A	48"	60"	72"	96"
B	39"	51"	63"	87"



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 "

V66 – Floor Mounted Fume Hood

with Combination Vertical Rising/Horizontal Sash



Accessories Included:

- 4 120 VAC 20 amp GFCI* protected duplex receptacles
** when wired to a single circuit, as standard with Option U*
- 1 LED light fixture with illumination and color controller
- 1 Mechanical sash stop

Available Sizes:

part no.
code

Sash Opening Height:	
64 ¹ / ₄ inches / 1632mm	64
Inside Depth:	
24 inches / 610mm	24
30 inches / 762mm	30
36 inches / 914mm	36
48 inches / 1219mm	48
Overall Length:	
48 inches / 1219mm	48
60 inches / 1524mm	60
72 inches / 1829mm	72
96 inches / 2438mm	96

Available Liner Types:

part no.
code

Kemglass Fiberglass reinforced polyester 1805 UL classified	G
KMER Kewaunee Modified Epoxy Resin	K
Type 316L Stainless Steel 1805 UL classified	L
Type 304L Stainless Steel 1805 UL classified	S
Phenolic Resin	T

Additional Parts Required for a Complete Fume Hood Assembly

Work Floor & Shelf	see page 58
Ceiling Enclosure	see page 61
Service Fittings	see page 62

Available Sash Frames:

part no.
code

Powder Coated Steel	M
Type 304L Stainless Steel	S

Sash Opening Height Inside Depth Overall Length Liner Type Sash Frame Sash Glass Fitting Holes Electrical Fixture Option Choices (separated by commas)

V66F 64 - - , ...

Technical Information

V66

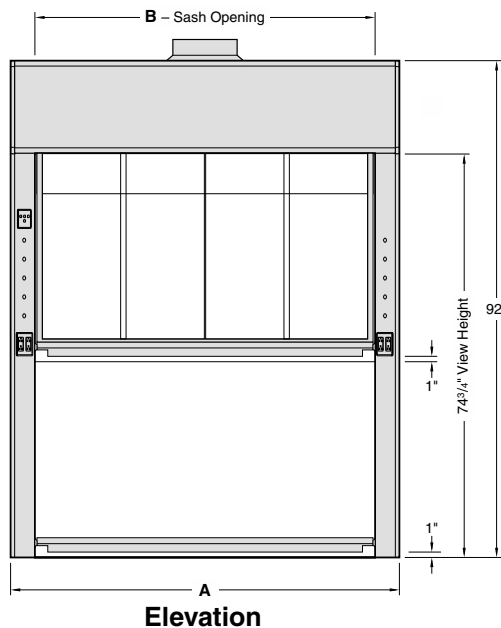
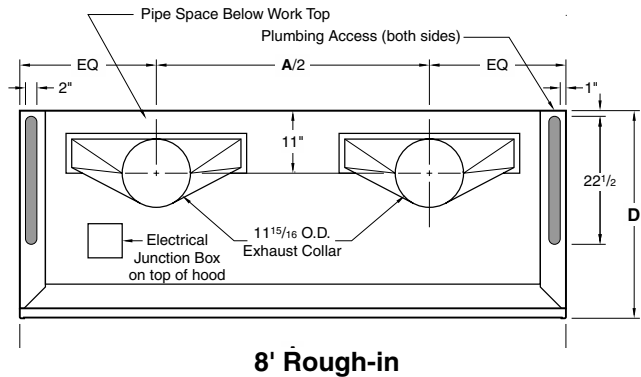
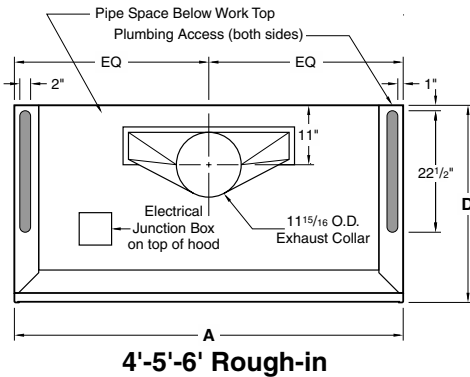
Airflow (CFM) Requirements

Face Velocity	18" High Sash Opening								Sash Closed – Panels Full Open							
	4'-0" / 48"		5'-0" / 60"		6'-0" / 72"		8'-0" / 96"		4'-0" / 48"		5'-0" / 60"		6'-0" / 72"		8'-0" / 96"	
	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP
120 FPM	630	0.25	830	0.30	1020	0.40	1410	0.30	580	0.20	760	0.25	940	0.35	1300	0.25
100 FPM	540	0.20	710	0.25	880	0.30	1210	0.20	500	0.15	660	0.20	810	0.25	1120	0.20
80 FPM	430	0.15	570	0.20	700	0.20	970	0.15	400	0.10	530	0.15	650	0.20	900	0.15

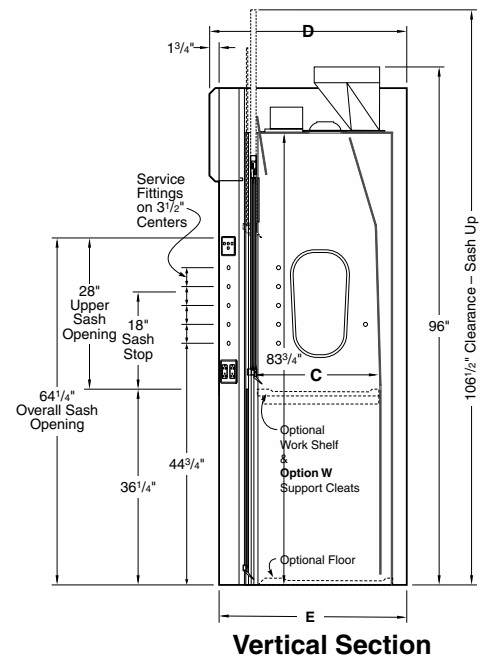
Static pressures shown are for the pressure drop through the hoods only. The total pressure drop through the hood and the duct system must be calculated to select the proper exhaust fan.

ANSI Z9.5 Minimum Flow Rate

Inside Depth	150 Air Changes/Hour				375 Air Changes/Hour			
	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"
24" deep	130 CFM	170 CFM	210 CFM	290 CFM	320 CFM	420 CFM	520 CFM	720 CFM
30" deep	160 CFM	210 CFM	260 CFM	350 CFM	390 CFM	510 CFM	630 CFM	870 CFM
36" deep	190 CFM	250 CFM	300 CFM	420 CFM	470 CFM	610 CFM	750 CFM	1030 CFM
48" deep	250 CFM	320 CFM	390 CFM	540 CFM	610 CFM	790 CFM	980 CFM	1350 CFM



Dimensions – Length				
A	48"	60"	72"	96"
B	39"	51"	63"	87"



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 "

V67 – Floor Mounted Fume Hood

with Horizontal Sash



Accessories Included:

- 4 120 VAC 20 amp GFCI* protected duplex receptacles
** when wired to a single circuit, as standard with Option U*
- 1 LED light fixture with illumination and color controller

Available Sizes:

part no.
code

Sash Opening Height:	
68 inches / 1727mm	68
Inside Depth:	
24 inches / 610mm	24
30 inches / 762mm	30
36 inches / 914mm	36
48 inches / 1219mm	48
Overall Length:	
72 inches / 1829mm	72
96 inches / 2438mm	96
120 inches / 3040mm	20
144 inches / 3658mm	44

Available Liner Types:

part no.
code

Kemglass	G
Fiberglass reinforced polyester 1805 UL classified	
KMER	K
Kewaunee Modified Epoxy Resin	
Type 316L Stainless Steel	L
1805 UL classified	
Type 304L Stainless Steel	S
1805 UL classified	
Phenolic Resin	T

Additional Parts Required for a Complete Fume Hood Assembly

Work Floor & Shelf	see page 58
Ceiling Enclosure	see page 61
Service Fittings	see page 62

Available Sash Frames:

part no.
code

Powder Coated Steel	M
Type 304L Stainless Steel	S

Sash Opening Height Inside Depth Overall Length Liner Type Sash Frame Sash Glass Fitting Holes Electrical Fixture Option Choices (separated by commas)

V67F68 - - , ...

Technical Information

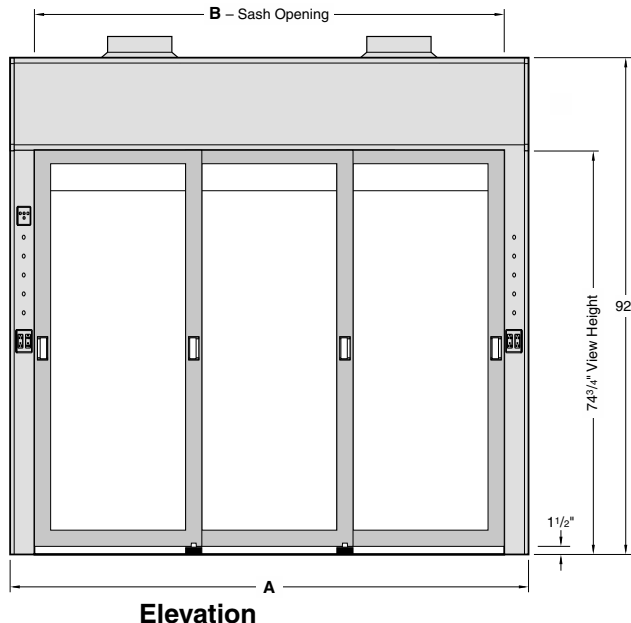
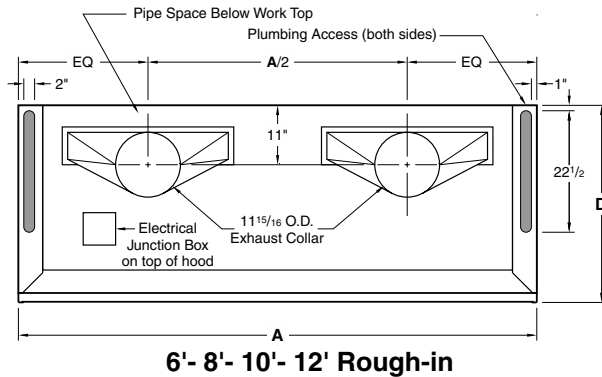
V67

Airflow (CFM) Requirements

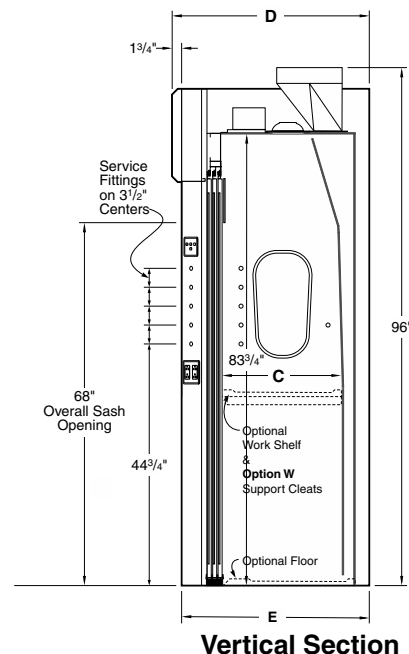
Face Velocity	Panels Fully Open							
	6'-0" / 72"		8'-0" / 96"		10'-0" / 120"		12'-0" / 144"	
	CFM	SP	CFM	SP	CFM	SP	CFM	SP
120 FPM	2680	1.35	3690	1.65	4710	2.05	5720	2.50
100 FPM	2230	0.95	3080	1.15	3920	1.45	4770	1.80
80 FPM	1790	0.65	2460	0.75	3170	0.95	3820	1.20

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	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



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



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"