

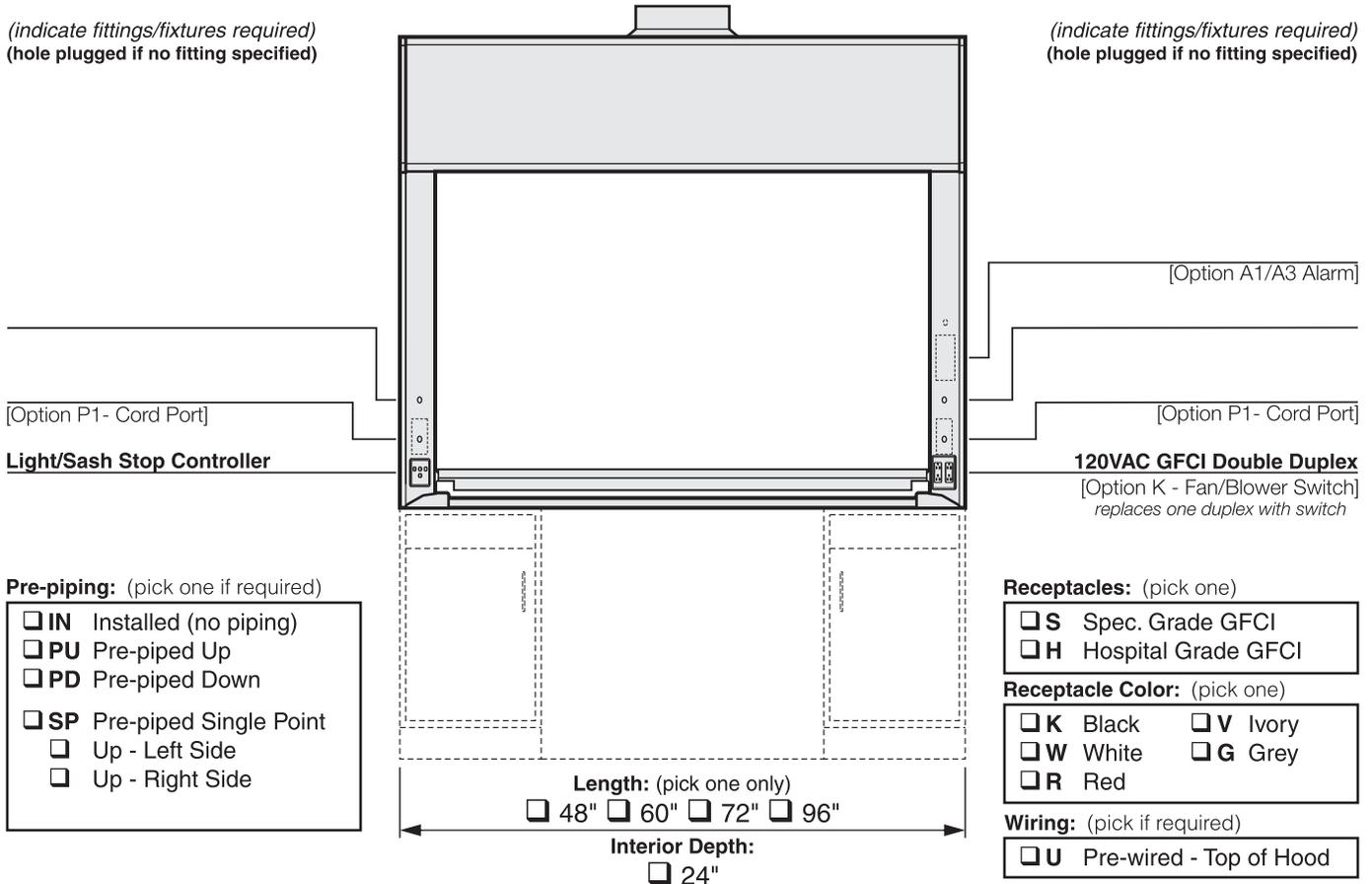
Supreme Air Venturi Fume Hood

ADA Bench Hood with Vertical Rising Sash

V15F28...

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

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



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)

- N Frameless
- 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)

- F2 Rod Control Ball Valves

V Modified By-pass for VAV Control System

VAV Controller Manf: _____

Model: _____

Minimum CFM:

Add-on Options: (pick all required)

- A1 Air Alert 600 Alarm
- A3 Air Alert 300 Alarm
- L Sash Stop Label
- D Distillation Rack - Preparation
- E Fire Suppression System
- S Safety Shield
- T Tissue Screen
- P1 Cord Ports - one in each post
- B1 Vapor Proof Light
- B2 Explosion Proof Light
- K Fan/Blower Switch - (1hp motor rated)
- O Stainless Steel Airfoil - Type 304L
- O2 Stainless Steel Airfoil - Type 316L
- Q Stainless Steel Sash Pulls
- C Stainless Steel Duct Collar
- R1 Auto Sash Return _____
- R3 Proximity Sash Operator _____

(pick only one)

(pick only one)

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
V15F	28	24				F2					

Technical Information

V15F28...

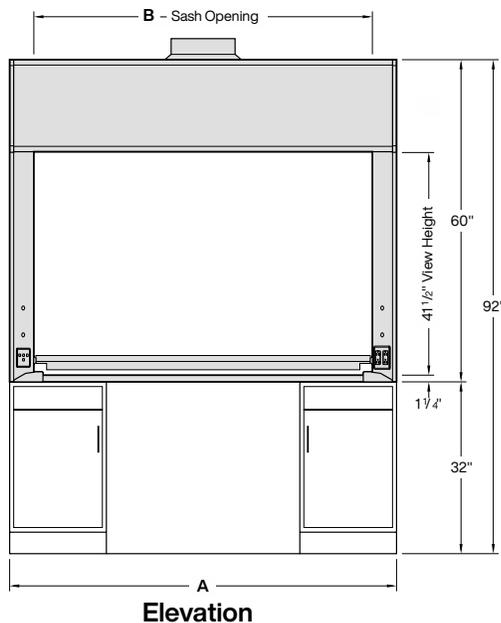
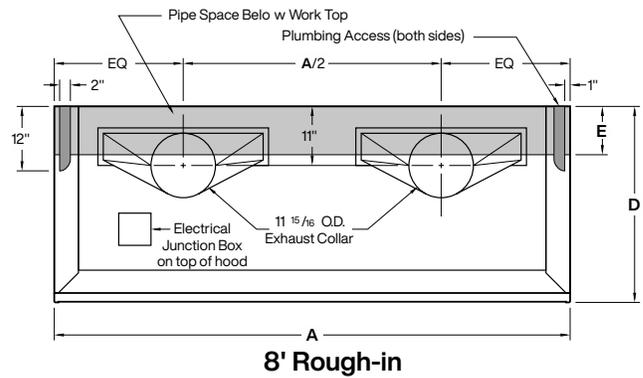
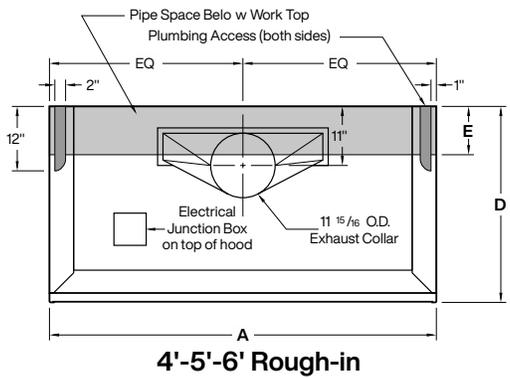
Airflow (CFM) Requirements

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
100 FPM	772	0.35	1010	0.44	1247	0.55	1722	0.38	502	0.15	656	0.19	810	0.24	1118	0.16
80 FPM	618	0.23	808	0.29	998	0.36	1378	0.25	401	0.10	525	0.13	648	0.16	895	0.11
60 FPM	464	0.13	606	0.16	749	0.21	1034	0.14	301	0.06	394	0.07	486	0.09	671	0.06
50 FPM	386	0.09	506	0.12	624	0.15	861	0.10	251	0.04	328	0.05	405	0.07	559	0.04

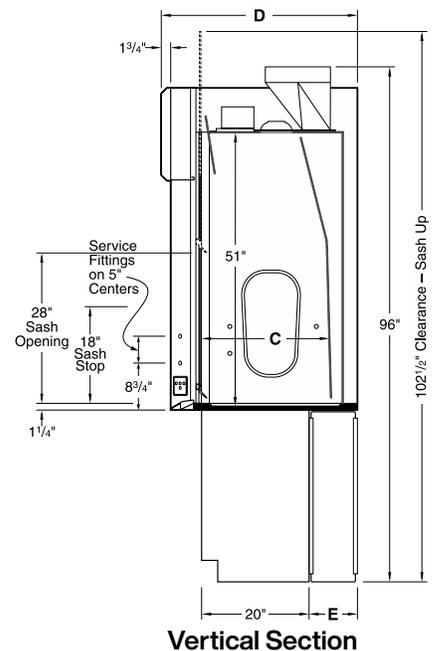
Static pressures shown are for the pressure drop through the hoods only. The total pressure drop through the hood and the duct system must be calculated to select the proper exhaust fan.

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	80 CFM	110 CFM	130 CFM	190 CFM	200 CFM	260 CFM	320 CFM	440 CFM



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



Dimensions - Depth	
C	24"
D	36 1/2"
E	9"