

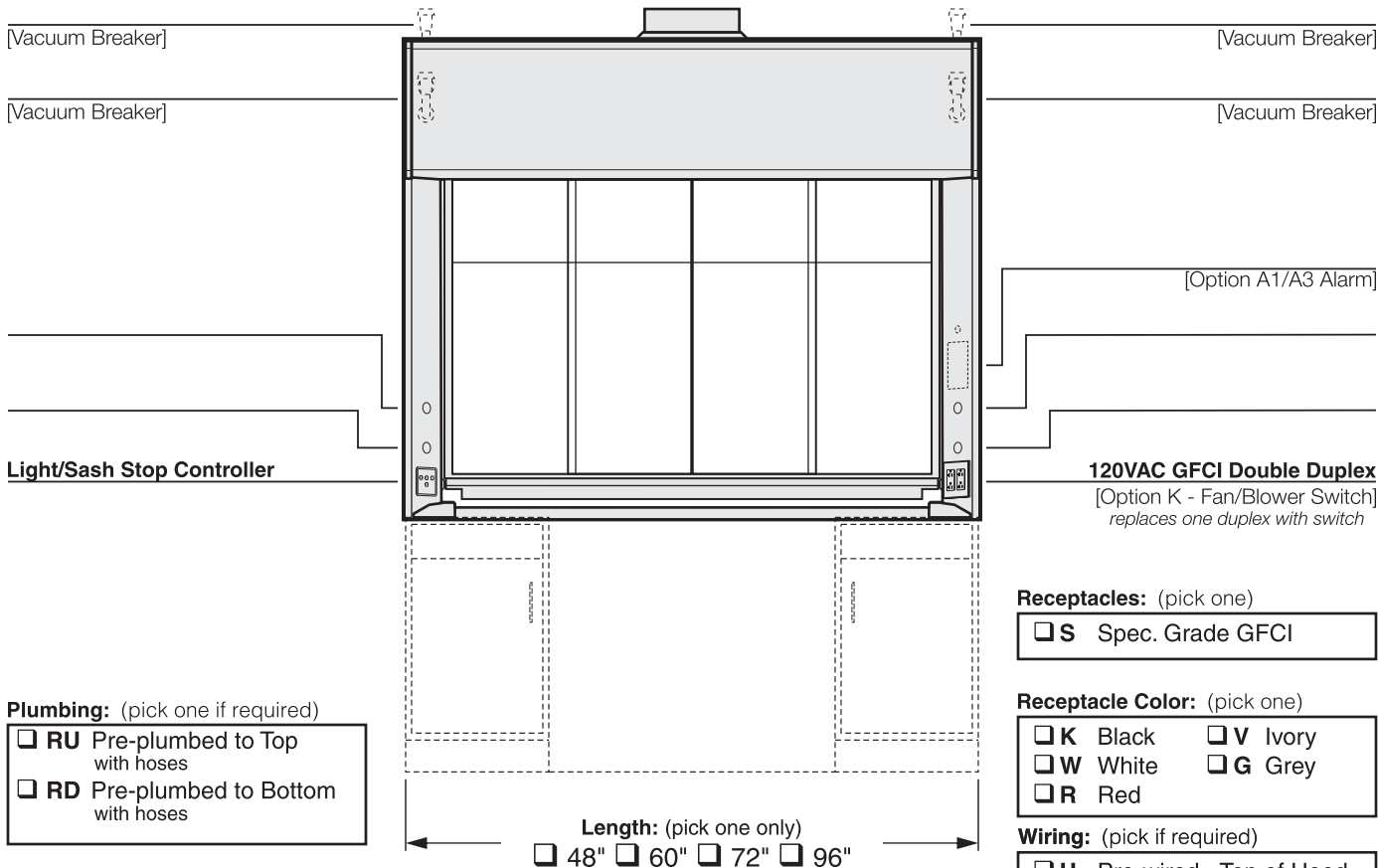
# TruView Venturi Fume Hood

# V53F...

Teaching/Demonstration ADA Bench Hood with Combination Sash — Single-sided

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

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



Required: (pick one from each group)

- Rear Window Configuration** (pick one)  
 SB Solid Back Wall & Baffles  
 CB Glass Back Wall & Baffles
- Interior Liner Material** (pick one)  
 G Kemglass (Fiberglass Reinforced Polyester)
- 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
- Service Fitting Valve Type** (pick one)  
 F4 ADA (FAR)  
 F5 ADA (Watersaver)
- Hood Configuration** (pick one)  
 SA Stand Alone (Free standing)  
 LE Left End (Left end of run)  
 RE Right End (Right end of run)  
 AD Add-on (Middle of run)

Options: (pick all required)

- N1 Solid Left Window (Kemglass panel w/frame)  
 N2 Solid Right Window (Kemglass panel w/frame)  
 N3 Solid L & R Window (Kemglass panel w/frame) (pick one only)
- A2 Air Alert 600 Alarm  
 A3 Air Alert 300 Alarm (pick one only)  
 L Sash Stop Label
- D Distillation Rack Preparation  
 T Tissue Screen
- 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 (pick one only)  
 R3 Proximity Sash Operator (pick one only)

V Modified By-pass for VAV Control System  
 Controller Manf: \_\_\_\_\_  
 Model: \_\_\_\_\_ Minimum CFM:

Overall Length	Back Config.	Hood Liner	Sash Frame	Sash Glass	Service Fittings	Electrical Fixtures	Hood Config.	Options (separated by commas)	COLOR	ITEM NO.	QUANTITY
V53F	<input type="text"/>	<input type="text"/>	G	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	-			

# Technical Information

# V53F...

## 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
100 FPM	502	0.15	656	0.19	810	0.24	1118	0.16	424	0.11	567	0.14	709	0.19	995	0.13
80 FPM	401	0.10	525	0.13	648	0.16	895	0.11	339	0.07	453	0.09	568	0.12	796	0.09
60 FPM	301	0.06	394	0.07	486	0.09	671	0.06	254	0.04	340	0.05	426	0.07	597	0.05
50 FPM	251	0.04	328	0.05	405	0.07	559	0.04	212	0.03	284	0.04	355	0.05	498	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	75 CFM	100 CFM	120 CFM	155 CFM	185 CFM	235 CFM	285 CFM	390 CFM

