Supreme Air **Venturi Fume Hood** — **V16F28...**

ADA Bench Hood with Combination Vertical Rising/Horizontal Sash

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

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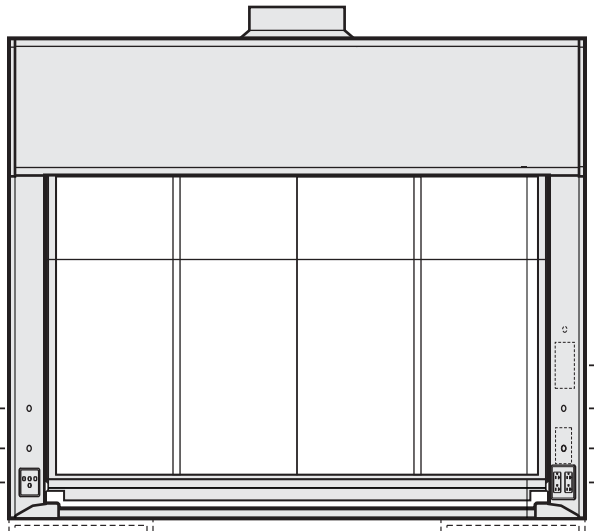
(hole plugged if no fitting specified)



[Option A2/A3 Alarm]

[Option P1- Cord Port]

[Option P1- Cord Port]

Light/Sash Stop Controller

120VAC GFCI Double Duplex
[Option K - Fan/Blower Switch]
replaces one duplex with switch

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

Length: (pick one only)
❑ 48" ❑ 60" ❑ 72" ❑ 96"

Interior Depth:
❑ 24"

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

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)
- ❑ **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)

- ❑ **A2** Air Alert 600 Alarm
- ❑ **A3** Air Alert 300 Alarm
  (pick only one)
- ❑ **L** Sash Stop Label
- ❑ **D** Distillation Rack - Preparation
- ❑ **E** Fire Suppression System
- ❑ **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)

	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
V16F	**28**	**24**	☐☐	☐	☐	-	☐☐	,	☐☐	,	☐☐	-	_____			

KEWAUNEE® Scientific Corporation

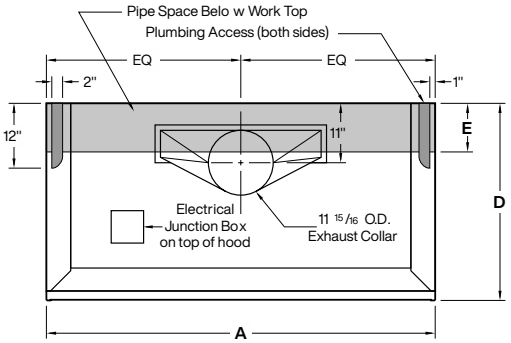
Technical Information V16

Airflow (CFM) Requirements

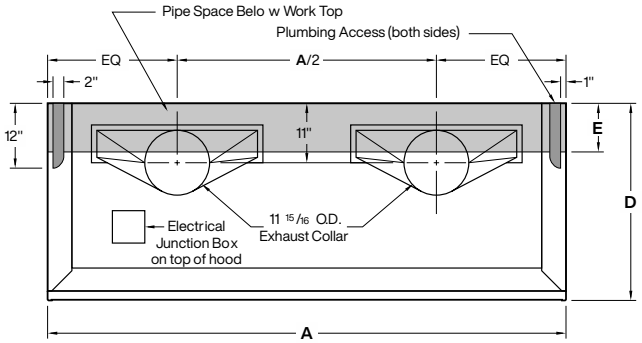
Face Velocity	18" High Sash Opening								Sash Closed – Panels Full Open							
	4'-0" / 48"		5'-0" / 60"		6'-0" / 72"		8'-0" / 96"		4'-0" / 48"		5'-0" / 60"		6'-0" / 72"		8'-0" / 96"	
	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP	CFM	SP
100 FPM	502	0.15	656	0.19	810	0.24	1118	0.16	424	0.11	567	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.

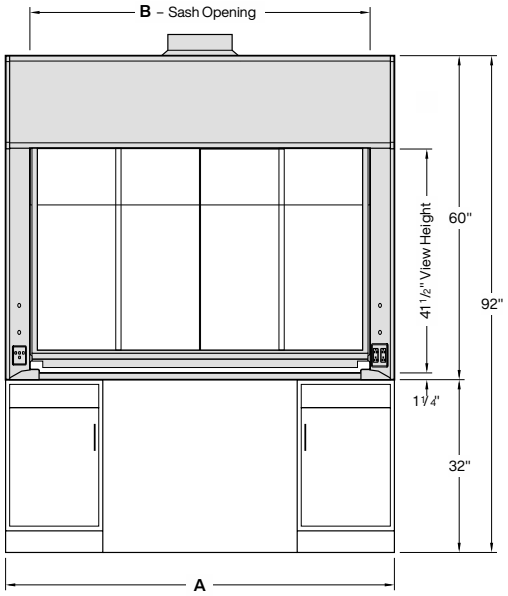
Inside Depth	ANSI Z9.5 Minimum Flow Rate							
	150 Air Changes/Hour				375 Air Changes/Hour			
	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"
24" deep	80 CFM	110 CFM	130 CFM	190 CFM	200 CFM	260 CFM	320 CFM	440 CFM



4'-5'-6' Rough-in

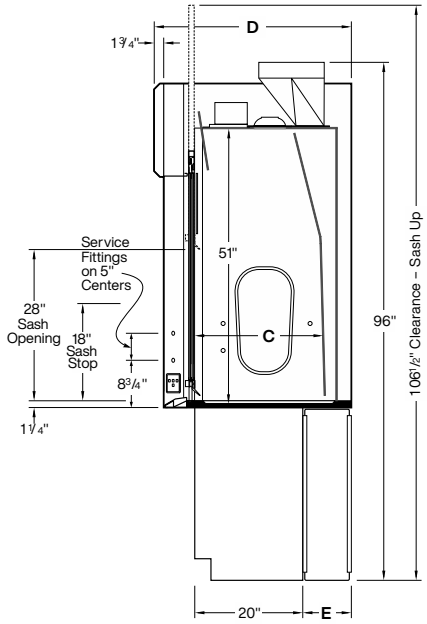


8' Rough-in



Elevation

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



Vertical Section

Dimensions – Depth	
C	24"
D	36½"
E	9"