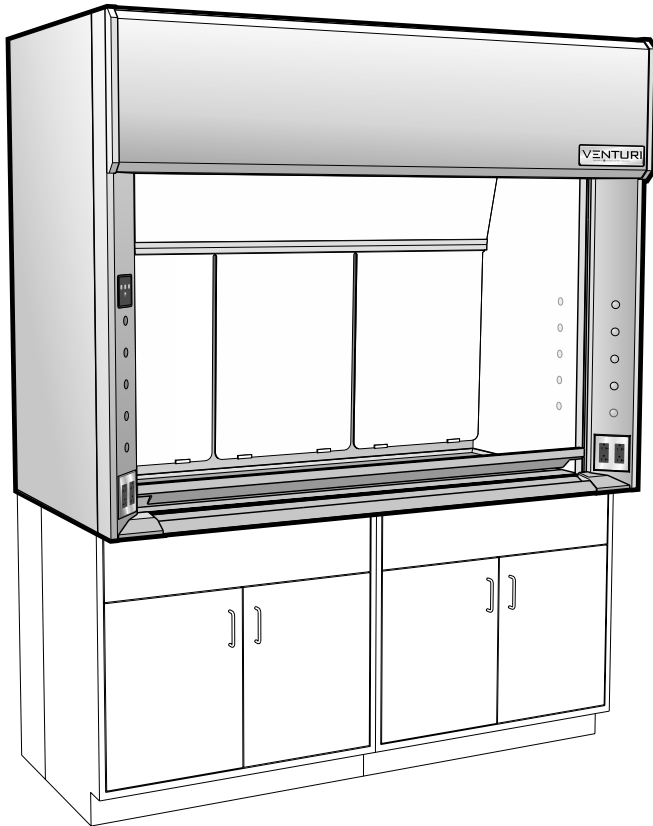


# V40 – Isotope Bench Fume Hood

## 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 Electromechanical sash stop with push button override.
- 1 Reinforced stainless steel work top seamlessly coved welded to side and back liners.
- 1 5" diameter stainless steel cupsink welded into left rear corner of work top.

### Available Sizes:

part no.  
code

<b>Sash Opening Height:</b>	
28 inches / 711mm	<b>28</b>
<b>Inside Depth:</b>	
24 inches / 610mm	<b>24</b>
<b>Overall Length:</b>	
48 inches / 1219mm	<b>48</b>
60 inches / 1524mm	<b>60</b>
72 inches / 1829mm	<b>72</b>
96 inches / 2438mm	<b>96</b>

### Additional Parts Required for a Complete Fume Hood Assembly

<b>Ceiling Enclosure</b>	see page 61
<b>Service Fittings</b>	see page 62
<b>Base Cabinets</b>	see page 66

### Available Liner Types:

part no.  
code

Type 304L Stainless Steel 1805 UL Classified	<b>S</b>
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### Available Sash Frames:

part no.  
code

Frameless	<b>N</b>
Powder Coated Steel	<b>M</b>
Type 304L Stainless Steel	<b>S</b>

Sash Opening Height	Inside Depth	Overall Length	Liner Type	Sash Frame	Sash Glass	Fitting Holes	Electrical Fixture	Option Choices (separated by commas)
<b>V40F</b>	<b>28</b>	<b>24</b>	<b>S</b>	<b>-</b>	<b>F3</b>	<b>-</b>	<b>,</b>	<b>,</b>

# Technical Information

# V40

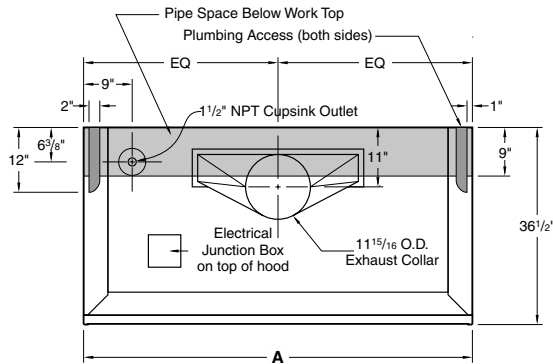
## Airflow (CFM) Requirements

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	950	0.50	1240	0.65	1530	0.80	2110	0.55	620	0.25	810	0.30	1000	0.35	1380	0.25
100 FPM	790	0.40	1030	0.50	1270	0.60	1750	0.45	510	0.20	670	0.25	830	0.30	1150	0.20
80 FPM	not recommended		not recommended		not recommended		not recommended		not recommended		not recommended		not recommended		not recommended	

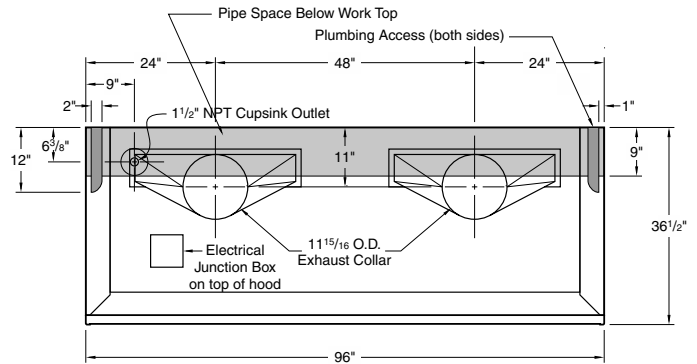
Static pressures shown are for the pressure drop through the hoods only. The total pressure drop through the hood and the duct system must be calculated to select the proper exhaust fan.

## ANSI Z9.5 Minimum Flow Rate

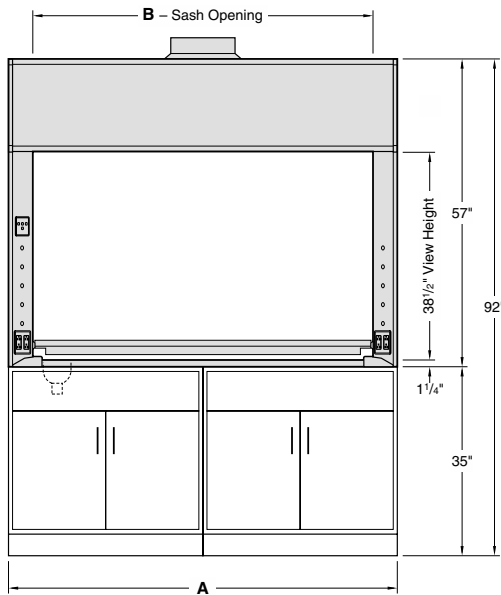
Inside Depth	150 Air Changes/Hour				375 Air Changes/Hour			
	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"	4'-0" / 48"	5'-0" / 60"	6'-0" / 72"	8'-0" / 96"
24" deep	80 CFM	100 CFM	120 CFM	170 CFM	190 CFM	240 CFM	300 CFM	410 CFM



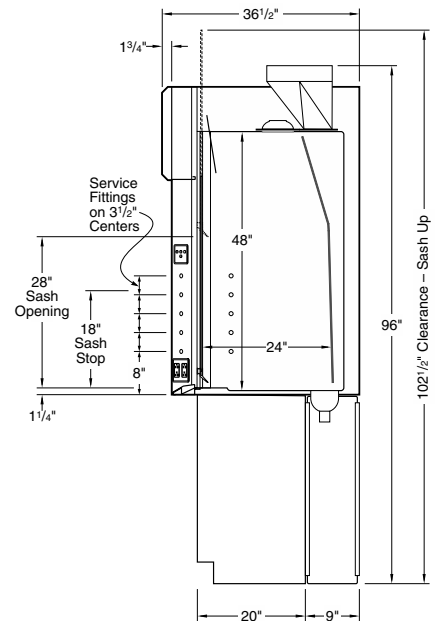
**4'-5'-6' Rough-in**



**8' Rough-in**



**Elevation**



**Vertical Section**

Dimensions - Length				
<b>A</b>	48"	60"	72"	96"
<b>B</b>	39"	51"	63"	87"