



Protecting your
laboratory environment

LABCONCO[®]

December 30, 2014

Labconco XL Floor-Mounted, Vertical Sash, Catalog numbers = 112XX70XX

Labconco's Protector XL Floor-Mounted fume hood with vertical-rising sash has the lowest measured volumetric flow in the industry. The vertical-rising sash model meets the SEFA definition of a high performance fume hood, tested down to 60 fpm face velocity with the top sash fully open. Competitor's fume hoods of similar construction only publish as close as 80 fpm face velocity. The information collected below in the table is all comparable in terms of top sash position – fully open, however, the other manufacturers perform at 80 and 100 fpm face velocities. The figures below are the lowest figures published by the manufacturer.

	Volumetric Flow measured in CFM (60 fpm)					
Full Open Sash	Labconco XL Floor-Mounted	Kewaunee Supreme Air*	Hamilton Scientific SafeAire II**	Mott Pro Floor Mounted*	Labscape LS-400	
4'	450	650	850	630	990	
5'	595	840	1110	830	1306	
6'	735	1040	1380	1025	1623	
8'	1025	1420	1900	1418	2256	
	Notes: * 80 fpm face velocity ** 100 fpm face velocity					

Sources:

[http://www.kewaunee.com/uploadedFiles/Main/Home/Resources/Catalogs, Brochures and Ordering Guides/Fume Hoods/fumehood-e_0312r1.pdf](http://www.kewaunee.com/uploadedFiles/Main/Home/Resources/Catalogs,_Brochures_and_Ordering_Guides/Fume_Hoods/fumehood-e_0312r1.pdf)

http://www.hamiltonscientific.com/media/67654/al-1745-10_fume_hood_catalog_web.pdf

https://mott.ca/catalog/8.0/8.0_P_Section_Fume_Hoods.pdf

<http://www.labscape.com.previewdns.com/wordpress/wp-content/uploads/labscape-fume-hoods-brochure.pdf>

Sincerely,

Beth Mettlach, LEED Green Associate, CSI, CDT

Sales Engineer

Labconco Corporation

816-822-3718

bmettlach@labconco.com