



VikanAir₂

Biological Safety Cabinets

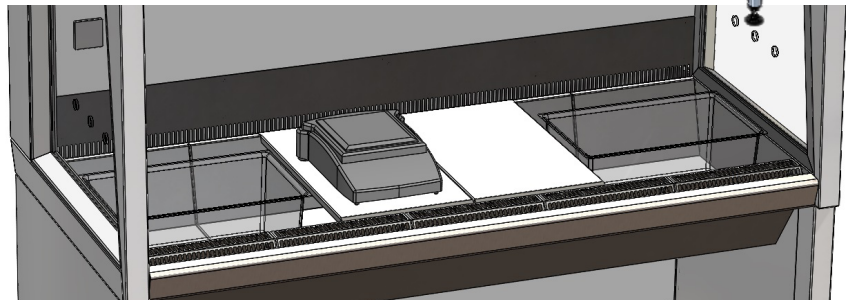
Protection of Operator, Product and Environment

Keeping the working chamber clean:

- PIR sensor for ½ speed (standby) and 1 full speed when in use
- NEW UV222 Human safe FAR UV-C light continuous and safe disinfection

Enhanced ergonomics:

- Special depressed tabletop sections for procedures involving large items such as cages
- Add standard tabletop sections and you have a normal working surface for work with smaller items
- Foot operated window opening for handsfree operation
- Hand or Foot operated window
- Dimmable LED light
- Transparent side walls with holes for transfer of cables/tubes



Animal Welfare

Optional work sections in corian with heating for surgery or post-operative care.

A low CO2 Footprint

The cabinets are manufactured, assembled and tested in Denmark. We aim to reduce our CO2 footprint by reducing transport, using Danish suppliers and by manufacturing and assembling all components in Denmark.



OpEnd Life Science Solutions

The VikanAir range of safety cabinets are tailored to your specific needs. Contact us for a discussion on how we can help you.

Size		VKA600	VKA900	VKA1200	VKA1500	VKA1800
Dimensions						
External dimensions excl support, WxDxH	mm	599 x 798 x 1375	1001 x 798 x 1328	1302 x 798 x 1328	1602 x 798 x 1328	1906 x 798 x 1328
External dimensions incl support, table top at 725 mm, WxDxH	mm	599 x 798 x 1985	1003 x 798 x 1985	1303 x 798 x 1985	1603 x 798 x 1985	1907 x 798 x 1985
Internal dimensions, WxDxH	mm	500 x 530 (630) x 700	901 x 530 (630) x 700	1201 x 530 (630) x 700	1501 x 530 (630) x 700	1800 x 530 (630) x 700
Front window opening	mm	200 (adjustable 180-330)				
Work height, adjustable support stand	mm	675-1040				
Work height, electrically elevated support stand	mm	720-1020				
Minimum door way	mm	730	800	800	800	800
Weight						
Safety cabinet	kg	142	186	215	244	275
Stand	kg	52	65	70	75	80
Air velocity						
Vertical flow	m/s	0,28 (adjustable 0,25 - 0,53)				
Inflow	m/s	0,45 (adjustable 0,45 - 0,55)				
Deviation	±%	< 8				
Noise						
Noise level ISO3744	dB(A)	46	46	46	47	47
Ventilation						
Down flow rate	m ³ /h	348	509	678	838	1009
Exhaust flow rate	m ³ /h	180	290	390	480	580
Filter technology						
Main/Exhaust	type	HEPA H14 EN1822, 99,999% at 0,3 µm particle size				
Light						
LED	Lux	0-2000, dimmable				
Electrical data						
Voltage frequency	V/Hz	220-240/50-60 or 110-120/50-60				
Power consumption, from	W	60	90	100	130	140

Sound

Designed with the operator in mind. We are using the latest technology to achieve an exceptionally low sound level.

Remote support

Our controller comes with an

integrated wifi connection for remote diagnostics and trouble shooting.

UV light

UV light has been used for disinfection of surfaces in BSC for many years. UV 254 which is harmful to humans has been the wavelength that has been

used. Recently research has been done on FAR UVC 222 which should be safe for human and equally efficient as a means of surface disinfection. And moreover, it does not contain any mercury which you find in UV254 light tubes.