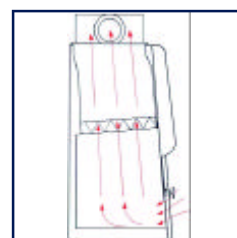


Microflow Class I ABS Cabinet

The Microflow Class I Advanced Biological Safety Cabinet provides operator protection for work with up to category 3 pathogens

Cabinets can be ducted to atmosphere with an anti-blowback valve fitted in the exhaust system at the point where it leaves the cabinet which is readily visible to the operator. To maintain the ducting under negative pressure in the laboratory an optional fan system can be mounted at the end of the duct at the discharge point to atmosphere. The standard fan unit is capable of drawing air through smooth bore ducting up to 30m and discharge against an external wind resistance of 250Pa.

The recirculating model has a double HEPA filter and exhausts air back into the room therefore provision must be made if formaldehyde vapour is being used for cabinet fumigation. BIOQUELL can supply an option K kit (a carbon filter unit fitted on top of the cabinet) which provides a simple solution to this problem.

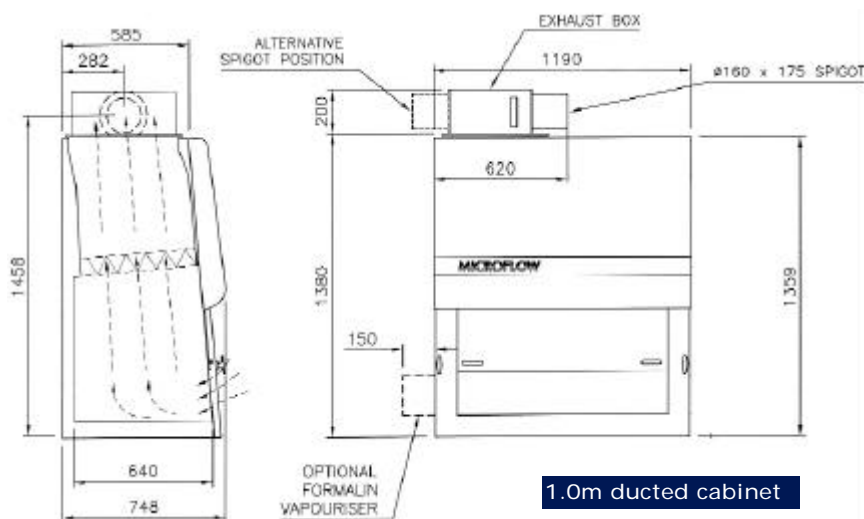


The cabinet has a unique sliding/hinged door mechanism that provides uninterrupted access and a 100% seal for bio-decontamination so no closing panel is needed.

The microprocessor controlled membrane keypad allows straightforward operation of fan switching, lights and safety features. The cabinet has audible and visual alarms for air velocity and filter change ensuring maximum protection at all times.

- Operator protection
- Ducted or recirculating exhaust options
- Carbon filter (Option K) available
- Safety parameters constantly monitored
- Available with hydrogen peroxide connections
- Tested to BS5726 and BS EN 12469

Cabinet Specification



Glass working height	200mm	Accessories	RHS Utility Pack (double elec socket, gas, vac)
Front screen	Laminated glass		
Inner liner	Crevice free 316 stainless steel		
Work area	316 stainless steel		
Construction	Mild steel with powder coating		Double Electric Socket RHS
Noise Level	< 65 dBA at 1m		Gas Tap RHS
Lighting	800 lux at work surface		Vacuum Tap RHS
Filters	99.999% HEPA - DOP tested		Portable UV - UV Socket
Electrical supply	230v/50Hz single phase (other voltages available)		Volt Free Contacts
			Formalin Vaporiser LHS
			Remote Fan
			Duct Kits
			Remote Switching Facility
			Stand (castors or feet)

	1.0m	1.2m	1.5m
External w x d x h (mm)	1190 x 748 x 1380	1390 x 748 x 1380	1690 x 748 x 1380
Internal w x d x h (mm)	1000 x 640 x 635	1200 x 640 x 635	1500 x 640 x 635
Power consumption (KW)	0.5	0.65	0.85
Weight (kg)	189	209	234
Exhaust box height - ducted (mm)	200	200	200
Extract air volume - ducted (M ³ /Hr)	550	670	850

Your local BIOQUELL distributor:



BIOQUELL (UK) Ltd
Walworth Road, Andover, Hampshire
SP10 5AA, United Kingdom

BIOQUELL Sales 0800 220 700
BIOQUELL Service 0800 052 7800

t +44 (0)1264 835 835
f +44 (0)1264 835 917
e enquiries@bioquell.com
w www.bioquell.com