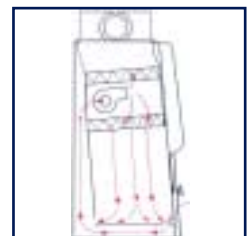


# Microflow Peroxide Class II ABS Cabinet

The Microflow Peroxide Class II Advanced Biological Safety Cabinet provides operator and product protection for work with up to category 3 pathogens

This cabinet has been developed specifically to utilise Hydrogen Peroxide technology for bio-decontamination, offering a realistic alternative to formaldehyde fumigation. The cabinet operates in conjunction with the Clarus™ L vapour generator to provide fast, efficient, validatable and safe gassing of the cabinet. Specifically configured for use with Hydrogen Peroxide, all construction materials have been selected for compatibility.

During bio-decontamination the cabinet operates at negative pressure eliminating leaks to the atmosphere, gas passes through all filters to ensure efficient removal of all contaminating particles. Shorter cycle times for bio-decontamination means minimal downtime in the laboratory and all units feature an anti-blowback valve allowing bio-decontamination to take place without closing the exhaust dampers.

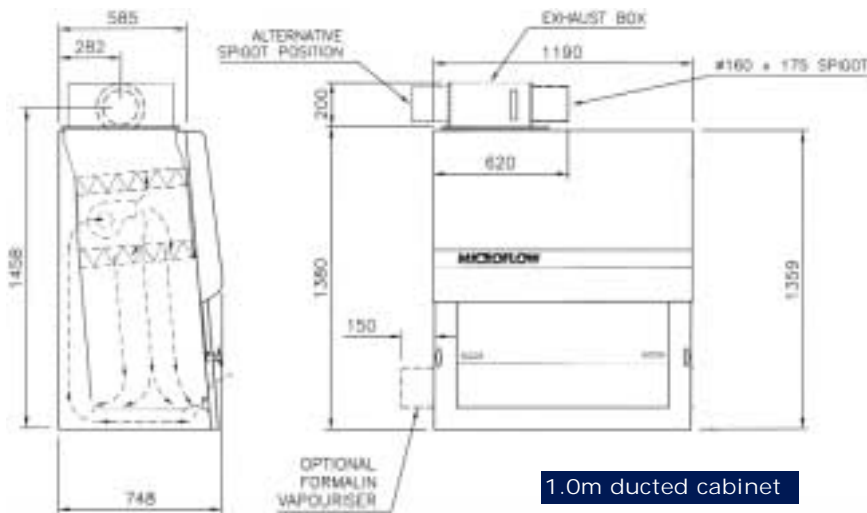


The cabinet has a unique sliding/hinged door mechanism that provides uninterrupted access and a 100% seal for bio-decontamination so no closing panel is needed.

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 and product protection
- Negative pressure bio-decontamination cycle
- Bio-decontamination in the exhaust HEPA
- Ducted or recirculating exhaust options
- Carbon filter (Option K) available
- Safety parameters constantly monitored
- 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	Recessed 316 stainless steel tray		Double Electric Socket RHS
Construction	Mild steel with powder coating		Gas Tap RHS
Noise Level	< 65 dBA at 1m		Vacuum Tap RHS
Lighting	800 lux at work surface		Portable UV - UV Socket
Filters	99.999% HEPA		Volt Free Contacts
Electrical supply	230v/50Hz single phase (other voltages available)		Formalin Vapouriser LHS
			Remote Fan Pack
			Duct Kits
			Remote Switching Facility
			Stand (castors or feet)
			Damper options

	1.0m	1.2m	1.5m	1.8m
External w x d x h (mm)	1190 x 748 x 1380	1390 x 748 x 1380	1690 x 748 x 1380	1990 x 748 x 1380
Internal w x d x h (mm)	1000 x 425 x 635	1200 x 425 x 635	1500 x 425 x 635	1800 x 425 x 635
Weight (kg)	170	190	230	250
Peroxide connections width (mm)	75	75	75	75
Exhaust box height - ducted (mm)	200	200	200	200
Extract air volume - ducted (M <sup>3</sup> /Hr)	450	550	700	850

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