



BH2000 Range Class II Microbiological Safety Cabinets

The BH2000 range of Class II Microbiological Safety Cabinets have been designed to comply to BS EN 12469 and BS 5295. These cabinets provide operator and product protection. The unit is suitable for the manipulation of low to middle risk pathogenic agents.

The BH2000 cabinets come complete with a microprocessor control panel providing constant airflow speed and a number of audible and visual alarms.

Available in 4 standard widths, these units can be supplied freestanding or benchtop mounted. Fitted as standard are 2 vacuum or gas taps, an electrical socket, a variety of other options are available.



Benefits

- Ducted (S) or Recirculating (D)
- Integral Lighting
- Constant Airflow Speed/Monitoring
- Filter Replacement Alarm
- Low Airflow Alarm
- DOP Inlet
- Solenoid Operated Gas Valve
- Vacuum Tap
- Electrical Socket
- HEPA Filter Technology

Options

- Additional Electrical Sockets
- UV Light (Built in timer)
- Exhaust Carbon/HEPA Filter
- Anti Blowback Valve
- DOP Inlet

- Additional Gas/Vacuum Services
- Epoxy Coated Steel Stand/Trolley
- Volt Free Contacts
- Formalin vaporiser

Technical Specification

Control System

- Electric Socket Switch
- Solenoid Valve Switch (Gas)
- Fan On/Off Switch
- Light On/Off Switch
- Alarm Status/Mute
- Constant Airflow Monitoring

Construction

- Epoxy Coated Mild Steel Carcass
- Perforated or Solid Stainless Steel Worksurface
- Stainless Steel Chamber
- Gas Sprung Front Window
- Stainless Steel Spillage Tray

MODEL	BH 2003 S (ducted)	BH 2004 S (ducted)	BH2005 S (ducted)	BH 2006 S (ducted)	BH 2003 D (recirc)	BH 2004 D (recirc)	BH 2005 D (recirc)	BH 2006 D (recirc)
SPEC								
SIZES								
External (w x d x h)	1090 x 780 x 1470	1395 x 780 x 1470	1700 x 780 x 1470	2005 x 780 x 1470	1090 x 780 x 1470	1395 x 780 x 1470	1700 x 780 x 1470	2005 x 780 x 1470
Internal (w x d x h)	885 x 580 x 660	1190 x 580 x 660	1495 x 580 x 660	1800 x 580 x 660	885 x 580 x 660	1190 x 580 x 660	1495 x 580 x 660	1800 x 580 x 660
Extract air volume data	360M ³ /hr	471M ³ /hr	592M ³ /hr	712M ³ /hr				
WEIGHT								
Unit weight approximately	180Kg	220Kg	260Kg	300Kg	205Kg	245Kg	285Kg	325Kg
SPEC								
Working aperture		200mm				200mm		
Exhaust duct diameter		200mm				200mm		
Voltage		230V 50Hz 1ph				230V 50Hz 1ph		
Noise level		<65dB				<65dB		
Light level		750Lux				750Lux		
HEPA filters		Test with DOP, efficiency 99.999% at 0.3 micron						

A one year manufacturer's warranty is supplied with the BH 2000 range of cabinets. Safelab can provide installation & commissioning of equipment to meet the mandatory requirements of British Standards together with an after sales cost effective testing, calibration and planned preventative maintenance service. Routine servicing is the key to sustained safety, reliability and