



## General Safety Safety Cabinets



### Safety cabinets, workstation, downflow

04

**LABCAIRE**

Ideally suited to a wide range of laboratory and industrial applications

This downflow workstation is a compact, bench mounted unit offering excellent fume containment and unrestricted access to the working area.

Stainless steel work surface. Excellent visibility. Integral spillage tray. Ideal use for microscopes. As fume containment, and therefore operator protection, is achieved by the downflow of air, the WS-6 does not require a front screen.

This feature makes the unit particularly well suited for microscopy work or where close visibility is required. The contaminated air is drawn through the rear plenum chamber and then through pre-filter and main carbon filter in the head of the unit. Clean air exits through the top of the cabinet via the integral centrifugal fan.

#### Technical Specification

Dimensions, external [w x d x h], mm	700 x 600 x 820
Surface area, mm <sup>2</sup>	640 x 720
Air flow rate, m <sup>3</sup> /h	220
Downflow velocity, m/s	>0.35
Fan	Centrifugal sparkless to IP44
Surface material	Perforated 316 grade stainless steel
Filter	9kg activated carbon Pre-filter Filtrete™ 95% efficient against 0.5µm particles
Control	Minas ON/OFF, light switch, low air flow indicator
Noise level, dB[A]	<60
Lighting, W	1 x 18W fluorescent
Electrical supply	230V 50/60Hz 200W

Catalogue No	Description
BPG-110-010K	Downflow workstation, excluding filter

#### Filters

Catalogue No	Alt. No	Filter type	Use
BPG-110-601P	LA6004	AC	General (activated carbon)
BPG-110-605C	LA6007	FORM	Formaldehyde, glutaraldehyde etc.
BPG-110-607V	LA6008	AMN	Ammonia, pyridine etc.
BPG-110-611H	LA6014	ACID	Formic acid, hydrogen bromide etc.
BPG-110-613D	LA6022	ETHE	Diethylether



### Aerosol enclosure

04

Specifically designed to be used where sprays and aerosols are tested.

Useful for breaking vials where aerosol contamination may be a problem.

The small opening gives an airflow of around 3.5m/s. The contaminants are drawn directly into the prefilter and HEPA filter. Other configurations available on request. Please contact Customer Service (contact details may be found at the front of the catalogue).

#### Technical Specification

Filter size, mm	HEPA, 305 x 305 x 70, (EU13, 99.997 at 3u)
Dimensions [w x d x h], mm	320 x 440 x 350
Electrical supply	230V 50Hz

Catalogue No	Alt. No	
BGX-610-010X	MNCB	