

Optiflow Safety Workstation

for protecting the operator from airborne hazards



Optiflow is a bench mounted ductless fume cabinet with a small footprint. It provides protection for the operator from chemical vapours, fumes or particles.

Optiflow provides unrestricted access for procedures and handlings that are difficult to perform within a standard fume cabinet.

This compact portable system can be located where it is conveniently needed and installed on an existing work surface without the need for ducting.

Choose to use carbon filter (for chemical fumes and vapours) or HEPA filtration (for particulates).

FEATURES

- No ducting required
- Quiet operation
- Keypad control panel with touch button controls
- Audible electronic low air flow alarm
- Service due indicator
- Simple to maintain

Description of operation

Down flow air takes dirty/contaminated air away from the operator and down through the perforations in the stainless steel work surface.

A visual and audible alarm will sound if airflow falls to an unacceptable level.

The work surface is removable for easy cleaning and access to the pre-filter, which protects the HEPA filter from larger particles and blockage from spills.

The filter clamping mechanism allows easy loading of the filter and ensures an even seal at the filter face at all times.

The speed of the centrifugal fan is controlled to achieve an optimum air flow of 0.5m/s at the work surface.

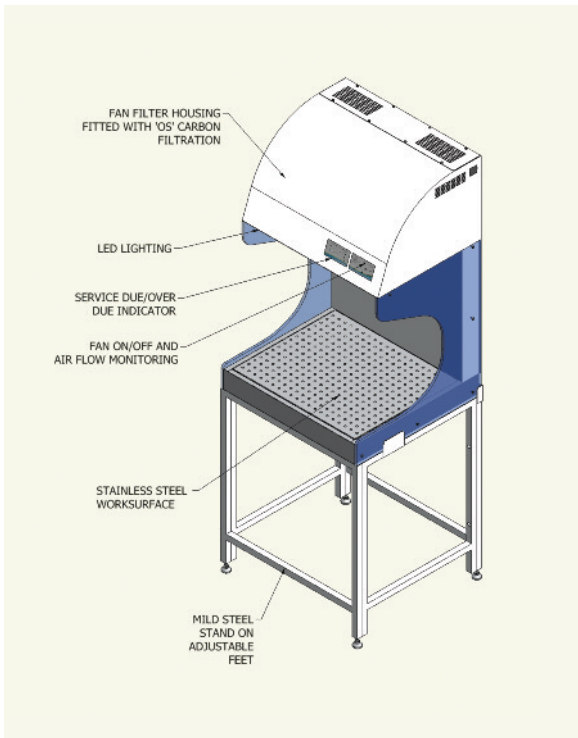
Optional extras

Lighting, LED downlight (7W).

Stand, open box-section framework, with feet or castors.



Flow demonstrated with a Dräger Flow Check.



Filtration used in Optiflow

Pre-filtration; eliminates particles at 5.0 micron or larger to an efficiency of 92% as defined in BS EN ISO 779.

Carbon Filtration eliminates toxic species and compounds within the recommended occupational exposure limit for pollutant gases having molecular weight equal to or greater than 30. Efficiency 99.9%.

HEPA filtration (H14 Standard) eliminates particles 0.3 micron or larger to an efficiency of 99.995%.

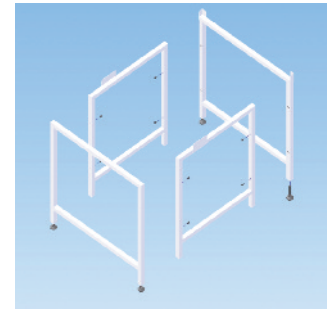
Description and Technical Specification

Part Number	Description	Dimensions mm (External WxDxH)	Dimensions mm (internal WxDxH)
OF 6003/11	Optiflow Safety Workstation. Epoxy coated mild steel fan housing and base. 8mm tinted blue acrylic side panels. Stainless steel work surface. Keypad control pad with on/off power. Supplied with pre-filter, carbon filter (F3 size, of pre-determined optimisation) OR HEPA filter (H3 size).	655x600x1000	634x520x565

Power supply: 230V, AC, 50Hz, 5Amp, 1Ø and 110V, AC, 60Hz, 8Amp, 1Ø.
Power consumption: 60W.

Optional Stand

Your Optiflow cabinet can be provided with an open box-section support stand with levelling/ adjustable feet or castors (lockable). Supplied flat-packed.



Keypad Controls



Free Assessment Service

Please contact us for a free assessment and our chemist will undertake a risk analysis and suggest the best filter for your purposes.

You may download an assessment form at www.bigneat.com/filtration.

Our promise:

Bigneat is committed to your safety and will advise on the suitability of an Optiflow recirculatory filtration system for your applications. We will make suggestions as to good working practices and how best to maintain the safety and wellbeing of your users of our systems.

Quality Assured



Bigneat is accredited to BS EN ISO 9001: 2008



Bigneat systems are CE marked

Optiflow is assembled and tested to UL 61010-1.

BIGNEAT CONTAINMENT TECHNOLOGY
Value. Service. Experience.

Bigneat Limited

4 & 5 Piper's Wood Industrial Park, Waterberry Drive, Waterlooville, Hampshire PO7 7XU, UK
Tel: +44 (0)23 92 266400 · E-mail: info@bigneat.com



www.bigneat.com