

# Circulaire MFC1000 – Mobile Filtration Fume Cabinet



The Circulaire MFC1000 mobile filtration fume cabinet incorporates the latest in containment technology to provide full compliance with COSHH regulations and British Standard BS7989:2001.

The MFC1000 has been designed for use in Schools/Colleges/Universities where practical demonstrations require a mobile system for students to view easily. The system is however equally at home in a laboratory or industry environment.

Independently tested by CLEAPSS to ensure compliance with BB88

Large capacity activated carbon filters – assures years of uninterrupted service

Filters remove fumes from all chemicals used in the GCSE & A level curricular and beyond – other types are available for non-educational use

Full width extra high opening aperture for easy access to the work area

Sloping front and rear with all round clear acrylic glazing for maximum visibility

Optional gas and water services with reinforced connection hoses & stainless steel security tether  
Fully mobile – fitted with locking wheels and side handles

Will fit through any standard doorway

Option overhead light for maximum illumination of the work area

Front mounted double electrical socket (Euro or US style available upon request)



Demonstrating adequate control of the risks to the health of employees, students and the general public, from dusts, powders, mists, fumes and vapours is the fundamental requirement of the Control of Substances Hazardous to Health (COSHH) regulations 2002 and 2004.

[www.benchvent.com](http://www.benchvent.com)

# BenchVent Ducted Fume Cupboards

NOTE: These units are recirculatory i.e. filtered air is exhausted from the rear back into the room.

For a cleaner, healthier working environment.

Specification	
External Dimensions w x d x h (mm)	1000x700x1730 (1835mm with optional light)
Internal Dimensions w x d x h (mm)	985x680x850
Aperture Size w x h (mm)	900x360 (360mm from sill, 400mm from work surface)
Carbon Filter Type	Special blend of impregnated carbon suitable for use with all chemicals used in school curriculum
Carbon Filter Size	2x11kg
Carbon Filter Life	Typically 3-4 years in a typical education environment
Pre Filter Type	"Filtrete" Electrostatic Media
Pre Filter Size	600mmx340mm
Pre Filter Life	Typically 12 months in a typical education environment
Airflow Monitoring	Electronic
Electrical Requirements	230V/50Hz AC - 400W or 110V/60Hz AC— 800W
Construction	Epoxy Powder coated zintec steel with clear acrylic front, side and back glazing and GRP chemical resistant work surface.
Noise Level	<60dB(A)
Lighting	Optional >700 lux
Weight	130kgs



Low Airflow Alarm



Control/Alarm Panel



Optional Gas/Warer



Deep lipped Spillage Tray

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