

CIRCULAIRE FUME CUPBOARDS



TECHNICAL SPECIFICATION

	C650	C900
External Dimensions (W x D x H)	650mm x 650mm x 1125mm*	900mm x 650mm x 1125mm*
Aperture (W x H)	590mm x 274mm	740mm x 274mm
Face Velocity	Typically set at 0.55m/sec – Can be adjusted depending upon application	
Sound	<62dB	<58dB
Main Filters	Large Capacity CARBON or HEPA	
Outlet Filter	Large Capacity CARBON or HEPA (Optional)	
Weight	<54kg	<66kg
Power	97W	92W

*Optional HEPA Outlet +70mm/Optional Carbon Outlet +55mm Height

DESCRIPTION

The Circulaire® range of Filtration Fume Cabinets are market leading and perfect for a huge variety of applications. They are fitted with ultra-deep Activated Carbon or HEPA filters to guarantee maximum fume filtration efficiency.

The system utilises the latest Carbon and HEPA filter technology to offer unrivalled operator protection from inhalation of fumes and/or particulates.

HIGH QUALITY CARBON FILTERS

The cabinet incorporates the largest possible filters to provide full compliance with BS7989:2001 and COSHH regulations.

The main filter consists of 18kg of activated carbon that will be specifically matched to your application (See table for a full list of available carbon filters). Clean air is drawn through the front aperture by the fan at a speed of 0.5m/s before passing through the particulate prefilter and carbon filter in the head section. The filtered air is then expelled back into the room from the top of the cabinet. As an alternative, a HEPA filter may be specified with containment of particulate to 99.997% efficiency at 0.3µm.

ACTIVATED CARBON FILTERS

Carbon Code	Suitable For Removal Of
AC	General Organic Compounds (iodine, Solvents, Odours etc)
ACID	Acidic Compounds (and general organics)
ACR	Alkali Compounds (and general organics)
AMM	Ammonia & amine compounds (and general organics)
CYN	Cyanide Compounds
ETHER	Ether Compounds (and general organics)
FORM	Aldehydes (and general organics)
SUL	Sulphur Compounds (and general organics)
MCH	Special blend of up to 4 of the above carbon types
ED	Tri-Layered Filter for schools (organic, acid & alkali removed)

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