

DUCTED FUME CUPBOARDS



The TH2000 Series is the new ducted fume cupboard range available from Monmouth Scientific.

The TH2000 Series has been developed with the customer and end user in mind and can be installed and used in almost any laboratory situation.

TH2000 Series Applications

- Laboratory and industrial processes in analytical research
- Industrial medical and educational establishments requiring extraction systems for operator protection
- Control of working atmosphere
- Compliance with COSHH regulations in accordance with current BS standards

TH2000 Series Standard Features

- High Level Of Operator Protection
- Highly Chemical Resistant and Aesthetically Pleasing Appearance
- A totally adjustable sash or fold up visor opening to allow easy access
- Interior lighting
- Extraction spigot
- Custom designed interior baffle to extract at both high and low level creating total extraction from the unit
- Aerodynamic surround and sill
- Effective control instrumentation situated into fascia or at working level
- Minimum maintenance for unit with service contracts available
- Full compliance with BS7258 PART 4, COSHH regulations for operator protection
- Custom sized cabinets are available to suit your working area for almost no additional cost

Monmouth Scientific

Unit D4, Bath Bridge Business Park,
Bath Road, Bridgwater, Somerset. TA6 4SZ

Telephone: 01278 458090 Fax: 01278 458091

Email: info@monmouthsurgical.com Web: <http://www.monmouthsurgical.com>

Registered Office: Kernow House, Weymont Close, Middlezoy, Somerset, TA7 0JU

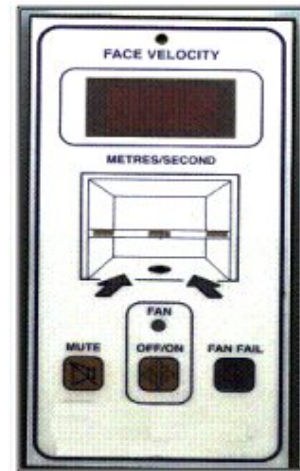


Registered Company No. 04716008

Monmouth Scientific is a trading division of Monmouth Surgical Limited

TH2000 Series Optional Extras

- Variable fan control
- Digital Alarm System
- Electrical socket outlets situated internally and/or externally
- Remotely operated services such as Water and Gas
- Explosion proof fittings
- Sinks, Drip cups and waste services
- Under bench storage cupboards vented to protect from fume build up
- Integrated unit support system with levelling feet and foot support rail
- H.E.P.A. or Carbon Filters to suit your requirements
- Complete installation and independent certification of units
- Supply on a unit only basis for installation via a third party



Optional Digital Alarm System

Our policy is to provide quality workmanship and unit build from a range of materials suited specifically to the application to ensure total material / chemical resistance. Typical materials include:

- Polyvinyl Chloride (PVC.)
- Polypropylene (PP.)
- Polyvinylidene Fluoride (PVDF.)
- Stainless Steels (S/S.)
- Epoxy Resin (E/R.)
- Ceramics

We produce 3 standard sized FC's - In a combination of bench mounted or stand alone units.

- 1000mm wide x 800mm deep x 1425 mm high (giving an internal width of 790mm, internal depth of 530mm, internal height of 810mm)
- 1500mm wide x 800mm deep x 1425mm high (giving an internal width of 1290mm, internal depth of 530mm, internal height of 810mm)
- 2000mm wide x 800mm deep x 1425mm high (giving an internal width of 1790mm, internal depth of 530mm, internal height of 810mm)

All cabinets are available as bench-mounted or stand-alone units. The stand-alone units are complete with levelling feet and are a total of 2.325 meters high and can be provided with a choice of either foot supports or vented under cupboard storage.

From Production to the finished installed unit, Monmouth Scientific's experienced manufacturing and installation teams carry out constant quality control check to ensure the whole procedure goes as smoothly as possible.

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INSTALLATION



Should you require Monmouth Scientific to install the cabinet then our team of engineers will carry out a full site survey and installation service. We will work with you and your laboratory staff to ensure the minimum of disruption and the smoothest installation possible. Once the cabinets are fitted our engineers will then fully calibrate the cabinets to BS7258 requirements and we will issue certification to complete the service. All our products are fully guaranteed for 12 months with service contracts available.

Should you wish to carry out your own installation, Monmouth Scientific can provide all the necessary parts in kit form to make the work as simple and straight forward as possible.

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6-Metre Installation Kit. (200 mm diameter ducting) Ref: FC/0/08

- 3 X 90 Degree Elbows
- 2 X Sockets
- 1 X 45 Degree Elbow
- 2 X 3metre Long Duct Runs
- 1 X Wall Window Transition
- 1 X High Velocity Transition
- 1 X Horizontal Transition
- 1 x Damper
- 1 X Pot Of Glue And Application Brush
- 1 X Instructions For Installation

12-Metre Installation Kit. (200 mm diameter ducting) Ref:FC/0/09

- 5 X 90 Degree Elbows
- 4 X Sockets
- 2 X 45 Degree Elbow
- 4 X 3 Metre Long Duct Runs
- 1 X Wall Window Transition
- 1 X High Velocity Transition
- 1 X Horizontal Transition
- 1 x Damper
- 2 X Pot Of Glue And Application Brush
- 1 X Instructions For Installation

Extraction Fans:

Manufactured from polypropylene, these fans have been specifically selected to give long service, low noise and low maintenance. They are single phase and easy to install, all units supplied complete with anti-vibration mounting feet. These units may be wall mounted, floor mounted and are suitable for internal or external use.

FC/0/11A Fan suitable for the 6-metre installation kit including transitions to 200mm diameter

FC/0/12A Fan suitable for the 12-metre installation kit including transitions to 200mm. diameter

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Typical Ducted Cabinet Installations



Cabinet is shown with vented undercupboard, and optional gas, water, nitrogen services and custom rear support frame

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Large cabinet 2m x 1m x 2.35m



Cabinet is shown with vented undercupboard, and optional compressed air feed and single electrical socket mounted on the front fascia.

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Optional Services



Many optional service variations are available – picture shows gas, twin cold water, drip cup and nitrogen

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Ductwork



Ductwork and wall mounted fan installations shown fitted with high velocity exhaust systems.



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Other Sample Cabinets



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