

A dramatic, high-contrast image of smoke rising from a fire, filling most of the frame. The smoke is rendered in shades of grey and white against a black background, creating a sense of movement and intensity. In the top-left corner, there is a diagonal graphic element consisting of a yellow triangle and a white triangle.

# SMOKE VENTILATION SYSTEMS

The logo for BE SAFEDIRECT, featuring two parallel diagonal lines (one black, one yellow) to the left of the text.

**BE  
SAFEDIRECT**

FIRE AND SAFETY SPECIALISTS

# COMPLETE SMOKE VENTILATION

## Trust the experts in smoke ventilation

Be Safe Direct provides the widest choice of smoke detection and smoke ventilation solutions you can find. We offer quality, convenience and complete reliability. More importantly, our heritage, commitment and years of expertise in fire safety and smoke venting offer complete peace of mind.

To help meet each client's particular requirements and specifications, our experienced team has brought together an unrivalled collection of top quality products, hand-picked from the leading name brands you know and trust. This extensive range is backed by our industry-leading knowledge and experience, meaning you can always rely on us to ensure you have the correct equipment, whatever the project. In order to prevent project delays and downtime we also offer fast, efficient delivery bringing you just what you need, just when you need it.

## SAFE, SECURE & COMPLIANT SMOKE VENTILATION SYSTEMS

Be Safe Direct specialises in supplying contractors and specifiers with exactly what they need to provide safe, secure and compliant smoke ventilation systems in their developments.

Whether you are working on a low-level, multi-level or high rise residential or commercial development, or if your project requires a complete smoke ventilation system, be sure to give our knowledgeable advisors a call.

With many years of experience, we can help you specify code compliant natural and mechanical smoke ventilation systems, in line with the guidance outlined in Approved Document B (Fire Safety) and both fire safety design standards BS9991:2011 Fire safety in the Design, Management and use of Residential Buildings and BS9999:2008 Fire safety in the Design, Management and use of Buildings.

Our team will also prepare a detailed quote prior to supply, and subject to your approval, ensure you have all the system components you require.

### Tesco Woolwich

We supplied the FireSmart control system for Tesco Woolwich, a development covering a 2 level basement car park, basement ancillary accommodation and energy centre, a Tesco Store and 12 blocks of residential accommodation.

The environmental and smoke clearance ventilation system for the energy centre included smoke fans (and fan silencer), dampers, FireSmart Panel, fan control panel and IOB control unit. To meet the tight deadlines set by the electrical contractor, the project was procured in 4 weeks.

This project excellently demonstrated how simply an open protocol system can be installed and commissioned by the scheme's electrical contractor and external fire alarm commissioning company.



# SMOKE VENTILATION SYSTEMS

Be Safe Direct supplies full system packages and individual components for:

- Natural smoke venting systems
- Mechanical smoke venting systems
- Car park and basement smoke venting systems

We offer the following services:

- System schematic drawings
- Supply
- Commissioning and certification



## A RANGE OF SMOKE VENTILATION SYSTEMS TO SUIT ALL TYPES OF BUILDINGS



### PCB4 Smoke Venting System

The PCB4 smoke venting system features an 8 or 16 zone AOV control, with the added feature of environmental ventilation zone control. The system has been designed for use in buildings which feature natural smoke shafts or lobby AOV's over multiple floors.

### Approved Document B (ADB): AOV Corridor Smoke Venting System

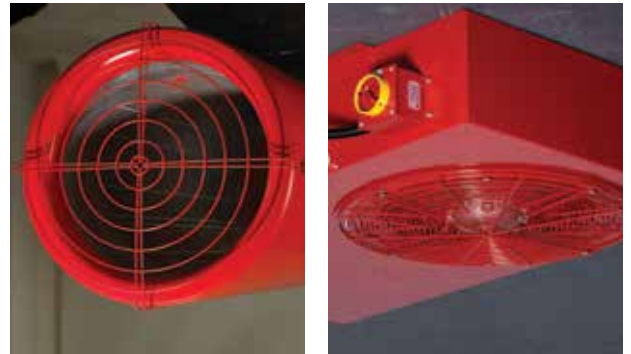
Providing everything required for natural smoke venting in residential building corridors. This value for money Be Safe Direct package is a highly effective zoned solution that can be used with AOV windows or an internal 1.5m<sup>2</sup> vertical smoke shaft.

- PCB4 8/16 zone smoke control panel
- Volt free contacts for third party interface
- Orange smoke venting call points and smoke detectors
- Chain actuators for opening/closing of windows or doors
- 1m<sup>2</sup> louvered stair smoke vent
- Zone panel with override switches panel allowing the zone of activation to be easily identified and controlled from the reception area.



## Car Park and Basement Smoke Venting Systems

We provide packages for mechanical smoke venting in basements, car parks and plant rooms. Components available for such systems include extraction fans, attenuation, impulse fans, dampers, control panels and CO detection.



### ADB Smoke Venting System

Designed by Be Safe Direct, the ADB Smoke Venting System is intended for use in buildings designed in accordance with the Approved Document B Fire Safety Regulations (ADB). The system is ideal for use in single staircase buildings where the regulations ask for an OV or AOV.

## Approved Document B (ADB): Lobbied and Unlobbied Stair Smoke Venting Systems

**Lobbied:** A complete package that provides 'out of the box' protection for small, lobbied single stair residential buildings. It is designed for use where lobby travel distance is less than 4.5m.



**Unlobbied:** Intended for use in small single stair residential buildings (ground and 3 floors) with no lobby protection, where there are no more than 2 apartments per floor and each apartment has an internal protected hall. It provides Building Regulation-Approved venting performance and reliability, at a highly competitive price.

Components for the above systems include:

- Stair vent control unit
- Power supply with battery back up
- Stair orange smoke venting call points
- 1m<sup>2</sup> louvered stair smoke vent or stair window chain actuator
- Smoke detectors\*

\*Unlobbied only



### FireSmart™ Smoke Venting System

Exclusive to Be Safe Direct, FireSmart™ is an addressable, intelligent control system with the ability to integrate several fire systems into a single control. It manages and monitors natural, mechanical and car park smoke venting systems, residential sprinkler systems, damper control, smoke detection, sounders, fire and smoke curtains, access control and AOV (automatic opening vents), roof and stair vent control.

### Mechanical Smoke Venting System

A ready to install mechanical smoke venting kit for residential corridors where a natural smoke venting system is insufficient (for example where there are extended travel distances). It includes a fan control panel for system monitoring, control and power supply management.

- Fan control panel
- Duty and standby smoke extraction fans
- Addressable FireSmart™ detection panel
- Smoke shaft dampers with input/output monitors
- 1m<sup>2</sup> and 1.5m<sup>2</sup> louvered smoke vents
- Smoke detectors
- Orange smoke venting call points
- Fireman and override switches



## BE SAFE DIRECT - FIRE AND SAFETY SPECIALISTS

In addition to our smoke venting products, Be Safe Direct provides an extensive range of fire and safety products including:

- Window actuators
- Cable
- CO detection
- Fire control panels
- Fire extinguishers
- Fire safety
- Health and safety
- Fire alarm detection and components
- Power supplies
- Roof vents
- Access control
- Safety signs
- Site evacuation
- Smoke venting components
- Fire sprinkler products
- Fans

You can view our full range of health and safety, and fire safety products at [www.besafedirect.com](http://www.besafedirect.com)



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