

Smokex Chimney Fan

Mi-Flues

UK's No.1 Flue & Chimney Specialist

SYSTEM MF9b

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The SMOKEX Chimney Fan provides an easy and efficient way of controlling appliance draught, and for all types of smoke extraction.

There are numerous causes for the malfunctioning of chimneys and fireplaces, and for the presence of smoke in the room. The most common causes include downdraught, too-short a chimney, inadequate chimney cross-section, poor insulation of the flue way, and lack of up draught. Any of these can be responsible for ruining the delights of the fireplace, and, of course, the smell of smoke is difficult to eliminate from curtains, furniture and carpets.

All these problems can be solved by using the SMOKEX Chimney Fan.

The SMOKEX fan is simply fitted to the top of the chimney and connected to a power supply. The variable-speed electric motor provides a perfect draught in the flue under all conditions, putting an end to smoke and tears around the fireplace.



ADVANTAGES

- Ensures a constant draught in the flue
- Suitable for all types of appliance, including open fires, stoves etc.
- Can be fitted to any type of chimney
- Easy to fit and install
- Quiet in operation
- Variable speed control
- Low power consumption – hardly more than a light bulb
- Can be used to provide ventilation when the fire is not in use.
- Unobtrusive – red terracotta colour resembles a chimney pot

DESIGN

- The SMOKEX fan provides efficiency with minimum expense and fuss.
- Cast aluminium body
- Stainless steel vanes
- Weather and soot resistant stainless steel housing
- Enclosed motor running on long-life ball bearings
- Optional electronic speed regulator
- Protected motor

MAINTENANCE

The vanes can easily be cleaned by lifting the unit free from the flue and inverting it. Use a blunt screwdriver or scraper to remove deposited soot.

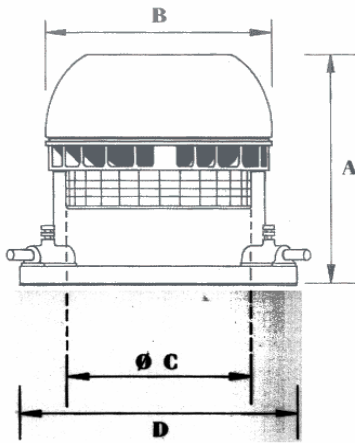
COMPONENTS

The SMOKEX unit includes the following components

1. Terracotta fan housing
2. Protective safety net
3. Locating brackets
4. Safety Wire
5. Armoured electrical cable
6. Sound insulating pad
7. Variable-speed control for solid fuel appliances (Optional)
8. Variable-speed control for gas appliances (Optional)



SPECIFICATION & FAN SELECTION



	SMX2	SMX4	SMX6	SMX8
<i>Electrical data</i>				
Volts	220/240V	220/240V	220/240V	220/240V
Amps	0.32A	0.40A	0.60A	0.55A
Watts	70W	90W	130W	120W
<i>Dimensions</i>				
Overall height (A)	300mm	310mm	325mm	280mm
Cowl diameter (B)	285mm	350mm	395mm	350mm
Internal Diameter (C)	215mm	275mm	325mm	195mm
Base plate (D)	290mm	365mm	420mm	295mm
<i>Weight</i>				
	11.5kg	14.5kg	16.5kg	14.5kg
<i>Maximum Fan Speed</i>				
	1400rpm	1400rpm	1400rpm	1400rpm

In order to select the correct SMOKEX unit, the following data should be taken into account.

- Fireplace opening (height x width)
- Flue size diameter
- Bends and restrictions in the flue
- Length of flue

The table opposite shows the correct selection of fan unit for an average 7m length of flue.

The fans will also operate satisfactorily with smaller fireplace openings than those listed by using the speed controller to vary the draught.

Fireplace opening (height x width)	Flue size (diameter)	SMOKE X Fan unit
200,000 - 450,000mm 310 - 700 in	150 - 230mm 6 - 9 in	SMX2
450,001 - 700,000mm 701 - 1100 in	200 - 290mm 8 - 11.5 in	SMX4
650,000 - 1000,000mm 1000 - 1500 in	250 - 320mm 10 - 13 in	SMX6
400,000 - 900,000mm 620 - 1400 in	125 - 265mm	SMX8

OPERATION

The fan should be switched on before lighting the fire and must be allowed to operate for as long as the fire is alight. A warning light on the speed-control unit indicates when the fan is running. The speed control unit is used to adjust the draught.

Gas Appliances

Any gas installation which relies on the SMOKEX unit for its safe operation must include the necessary safety equipment to shut down the appliance should the fan fail.

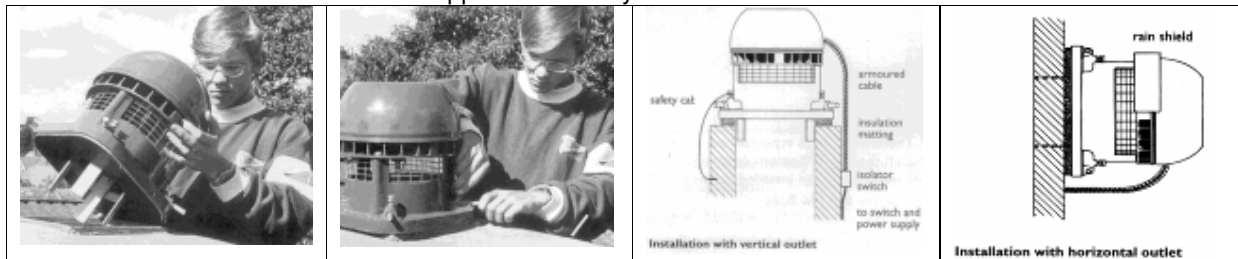
Noise

Fan noise is dependant on the size and speed of the fan, and the height and construction of the chimney.



INSTALLATION

Detailed installation instructions are supplied with every unit.



GUARANTEE

The SMOKEX chimney fan is guaranteed against manufacturing defects for a period of 12 months from the date of purchase. This guarantee applies to the unit and its manufactured components only. Removal and refitting of the fan is excluded. A full refund is available in situations where the fan has been correctly selected as described in this leaflet, but where the results in use are not satisfactory. The fan must be returned to the manufacturer within two weeks of installation, and must be in a saleable condition.