

**PRODUCT NAME****VENTILATORS****FIRE & SMOKE
VENTILATORS****30 OR 60 MINUTES****INTRODUCTION**

Fire door ventilators permit a free flow of air up to 160m³/hour, and can be fitted within 30 and 60 minute fire doors and walls, whilst maintaining the integrity of the fire compartment. Two models are available, offering a choice of fire or fire and smoke protection and both are easily installed with minimal restrictions on siting.

DESCRIPTION

Both ventilators are manufactured from galvanised steel sheets, with louvre plates on each face. Standard finish is satin aluminium, with coloured finishes to special order.

APPLICATION

Ventilators can be used in new or existing fire doors and can be mounted in a high or low position. An opening of 260mm x 135mm is required and once the ventilator is in position any gaps should be sealed with Intumescent Compound. Ventilators can also be fitted into walls using special extender units.

*Model VH60/FS***OPERATION**

The intumescent seal in both units is activated by the high temperatures experienced in a fire. In model VH60/FS a cold smoke shutter which is powered by the fire alarm circuit is

triggered on activation of the fire or smoke alarm system. A warning light indicates when the shutter is closed and the power is reinstated.

OPTIONAL MODELS

Model VH60/F provides 60 minute protection against fire and is maintenance-free once fitted. It is ideal where fire, rather than cold smoke is perceived to be the predominant risk. Where there is a risk of cold smoke, the model VH60/FS, which incorporates a magnetically-operated cold smoke shutter, should be specified.

AUTHORITY

Both models have been tested in 60 minute fire doors by TRADA, the VH60/FS model is also subject to an assessment by international Fire Consultants (IFC).