

### Customisation

In order to best meet customer's needs, the SAF Ventilator can be manufactured to order. These bespoke vents can be provided to individual project requirements. Thus, removing the 'off the shelf' size restrictions of others.

The SAF Ventilator lid can be made from high grade aluminium, manufactured from a single sheet and fully insulated with 'Celotex' thermal board or a translucent 16mm triple wall polycarbonate sheet and closing onto a weather-proof seal. This option provides a diffused light transmission up to 55% for areas requiring additional natural daylight illumination.

### Overview

High quality manufacturing meets stylish design with the Advanced Smoke Group SAF Ventilator, the ideal choice for architects and consultants. The SAF Ventilator has a slim-line design providing an aesthetically pleasing and unobtrusive unit, whilst the corrosion resistant aluminium ensures extreme durability. High grade EN485/515/573 aluminium is used with fully welded seams resulting in unparalleled safety and reliability.

### Design

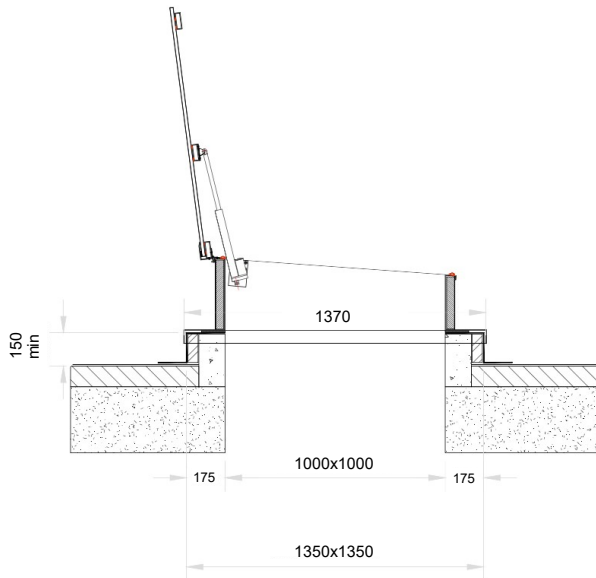
Designed as a single unit to simply screw directly onto a prepared builder's upstand with minimum effort, the SAF Ventilator allows for easy installation and is highly flexible in terms of application. It is suitable for flat or inclined roofs or even vertically mounted walls. Additionally, the vent can be fitted with permanently open side vents for day ventilation if required. The SAF Ventilators twin actuators are terminated to a single junction box for ease of termination.



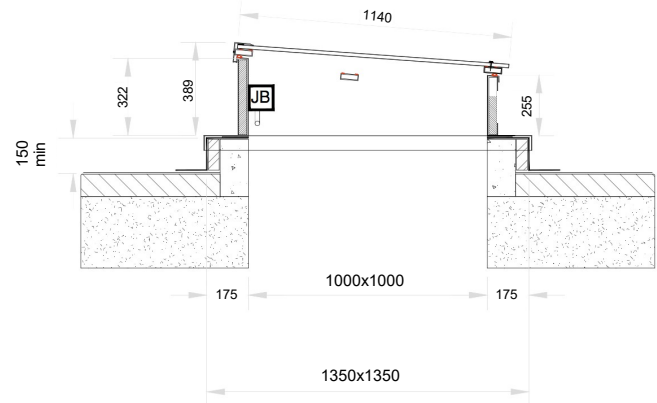
### About

For over 20 years, Advanced Smoke Group Ltd has been providing innovative technical solutions in smoke ventilation for both natural and mechanical systems, over the UK and Europe.

**Contact us today on the details below to discuss your project needs and requirements**



SAF Inlet Ventilator  
1000 x 1000  
250mm Stroke 24Vdc Actuator



Standard Sizes– Selection Table			
Part Number	Throat Width (mm)	Throat Depth (mm)	Throat Free Area* (m <sup>2</sup> )
SAF-1006	1000	600	0.6
SAF-1010	1000	1000	1.0
SAF-1210	1225	1000	1.22
SAF-1510	1500	1000	1.5

Actuator– Electrical Specification*	
<b>Voltage</b>	24Vdc ± 10%
<b>Stroke Length</b>	250mm
<b>Force Push/ Pull</b>	1200N
<b>Current Consumption</b>	2.5A (max)
<b>Speed</b>	14mm/s (no load)
<b>Protection Class</b>	IP54
<b>Ambient Temperature</b>	-15 to ± 40°C
<b>Limit Stop</b>	Internal Limit Switch
*Specification is per actuator. SAF are fitted with two number actuators, to a common junction box.	