

160° Opening Automatic Smoke Ventilator

Fully CE Marked and certified to EN12101-2, our AOV's offer safe and reliable smoke extraction. The 160° opening AOV is sold with a 300mm steel reinforced PVC Upstand with a U-value of 0.9 W/m²K. The glazing is manufactured from PMMA acrylic with a thermally separated, multi-chamber frame.



MATERIAL

- Triple Layer Polycarbonate (PMMA) Lid
- 300mm Steel reinforced PVC Upstand
- Clear or Opal diffused layers

PERFORMANCE

- U-Value 1.8 W/m²K
- Upstand U-value 0.9 W/m²K
- Sound reduction 22dB
- 24v DC Actuator

Layer Variant	Number of Layers	Light Transmittance	Solar Transmittance
Clear (Clear - Clear - Clear)	3 Layers	77%	64%
Opal (Opal - Clear - Clear)	3 Layers	44%	41%

Available Sizes & Performance (According to EN12101-2)

Nominal Size	Airflow m ²	Wind Load kN/m ²	Snow Load kN/m ²	Low Temp. Performance	Reliability (No. of Tests)	Ventilated Reliability (No.)	Thermal Resistance
1200 x 1200	1.020	2500	1000	-05	1000	10000	300-E
1500 x 1000	1.070	2500	1500	-05	1000	10000	300-E
1500 x 1500	1.600	2000	750	-05	1000	10000	300-E

CAD Drawings

