

Glass Louvre

Designed to integrate with all types of building façade, this is a most attractive and versatile ventilator.

General Specification

Designed for smoke ventilation applications the glass louvre system is also suitable for all ventilation requirements.

It is a certified smoke and heat exhaust vent device tested to the new European Standard EN 12101-2.

The system provides the maximum possible safety in temperature resistance, permanent load, aerodynamic efficacy and wind load resistance.

Featuring a thermally broken aluminium frame and double glazed louvre blades, the unit offers good insulation with minimal air leakage. TG24 glass supplied as standard.

Our control systems co-ordinate with the window providing optimal functionality



Product Data

Code	Geometric Free Area	Dimensions mm	Weight kg
S29000	0.82m	1000 w x 1600 h	30
S29001	0.49m	1000 w x 1000 h	20

For more sizes see overleaf

Technical data

Heat resistance	B 300, up to 300° C (SHEV operation)*
Environmental temperature	T(-15), up to -15° C (SHEV operation)*
Wind load	WL A, 4.500 Pa*
Reliability	RE 1000, 10.000 (ventilation) + 1.000 (SHEV) load alternations*
Type	Thermal broken aluminium profiles
Drainage	Over 7° outside tilt profile
Frame depth	66,4 mm (TG-24, 65 mm)
Insulation value	2,1 W/m ² K
Heat protection	K - value 1.1
Static profile	With two isolating bars
Glazing ISO	Glass 24 mm (2 x Float 4 mm, 16 mm LZR)
Louvres	Centre pivot
Connecting parts	High-grade steel, concealed bars and joints
Surface	Anodized (or optional RAL coating)

* Classification and test criteria according to DIN EN 12101-2

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Accessories

Local Control Panel

A modular control unit for control of smoke and heat ventilators in a single zone up to a maximum output current of 2.5A. The control unit is extremely versatile and features a very compact enclosure with quick fit cable terminals for connection of smoke detectors, switches and remote signalling.



Product code
W1/1001

Override Switch

A break glass switch for the manual opening of smoke and heat vent systems. Incorporates LED status indication.



Product code
A3/2103

Product range

Dimensions W x H (mm)	Number of louvres (pc)	Aerod. efficient opening area (m ²)	Weight approx. (kg)
800 x 1.000	4	0.39	28
800 x 1.200	5	0.48	33
800 x 1.400	6	0.56	38
800 x 1.600	6	0.64	42
800 x 1.800	7	0.73	48
800 x 2.000	8	0.82	53
1.000 x 1.000	4	0.49	34
1.000 x 1.200	5	0.61	41
1.000 x 1.400	6	0.72	47
1.000 x 1.600	6	0.82	52
1.000 x 1.800	7	0.94	58
1.000 x 2.000	8	1.06	64

Dimensions W x H (mm)	Number of louvres (pc)	Aerod. efficient opening area (m ²)	Weight approx. (kg)
1.200 x 1.000	4	0.60	41
1.200 x 1.200	5	0.75	48
1.200 x 1.400	6	0.88	55
1.200 x 1.600	6	1.01	61
1.200 x 1.800	7	1.15	69
1.200 x 2.000	8	1.29	76
1.400 x 1.000	4	0.71	47
1.400 x 1.200	5	0.89	55
1.400 x 1.400	6	1.04	64
1.400 x 1.600	6	1.19	70
1.400 x 1.800	7	1.36	79
1.400 x 2.000	8	1.53	87