



LAMILUX CI SYSTEM

SMOKE LIFT GE F100









Please note: The SHEV fitting can be supplied in white for an additional charge.

PERFECT COMBINATION: GLASS ELEMENTS WITH SHEV FUNCTION

The newly developed CI System Smoke Lift GE F100 combines the advantages of CI System Glass Element F100 with those of an electric SHEV as per EN 12101-2. In addition to exceptional thermal insulation and an appealing design with white composite frames, this NSHEV (either in 24 V or 48 V) offers **safety and comfort** for living and work spaces.

TEST PARAMETERS AS PER DIN EN 12101-2 AND TEST RESULTS

Our NSHEVS reliably open into the SHEV position in less than 60 seconds...

	... and ensure high smoke outlet volumes	Flow rate coefficient C_v between 0.60 and 0.65 - Aerodynamically effective opening surface A_w between 0.6 m ² and 1.42 m ²
	... after endurance test – 1,000 times in SHEV position and 10,000 times in ventilation position	RE 1000 Ventilation 10,000 + + 10,000 ventilation opening activations
	... under snow load	SL 1000 to SL 2000
	... down to an indoor temperature of -15 °C	T (-15)
	... after exposure to wind suction (up to 150 kg/m ²)	WL1500
	... when exposed to fire	B 300

HOW YOU BENEFIT

LAMILUX CI System Smoke Lift GE F100

- Fall-through-proof in line with GS BAU18
- Multi-stage ventilation fitted as standard
- Easy to close after false signal release
- Hard roofing, non-flammable
- Open/close function as standard
- Available with double or triple thermal insulation glazing with U_g values between 1.1 to 0.7 W/(m²K)
- Structure completely free of thermal bridges with a U_w value between 1.3 and 1.0 W/(m²K), depending on the glazing (as per EN ISO 10077-1 for a reference element measuring 120 x 120 cm)
- Thermally insulated, joint-free GRP upstand, 30, 40 or 50 cm in height, with U values between 0.5 W/(m²K) and 0.9 W/(m²K)

SIZES	A _w VALUES (m ²)	
	24V	48 V
100/100	0.60	
100/150	0.90	
120/120	0.88	
120/150	1.12	
125/125	0.97	
150/150*	1.42	
150/150**	1.35	

* for double glazing

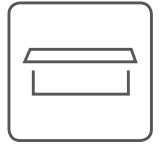
** for triple glazing



LAMILUX CI SYSTEM

SMOKE LIFT FE

Please note: The SHEV fitting can be supplied in white for an additional charge.



PERFECT COMBINATION: GLASS ELEMENTS WITH SHEV FUNCTION

Customised lighting and smoke outlet elements in larger dimensions – The CI System Smoke Lift FE offers **added scope for architectural design** in high-end residential and administration buildings. Excellent thermal insulation and soundproofing values ensure that this heat exhaust unit impresses as does the **freely selectable RAL colour of the aluminium frame**.

TEST PARAMETERS AS PER DIN EN 12101-2 AND TEST RESULTS

Our NSHEVS reliably open into the SHEV position in less than 60 seconds...

	... and ensure a high smoke outlet volume	Flow rate coefficient Cv between 0.60 and 0.65 - Aerodynamically effective opening surface A _w between 0.60 m ² and 2.84 m ²
	... after endurance test – 1,000 times in SHEV position and 10,000 times in ventilation position	RE 1000 Ventilation 10,000 + + 10,000 ventilation opening activations
	... under snow load	SL 1000 to SL 2000
	... down to an indoor temperature of -15 °C	T (-15)
	... after exposure to wind suction (up to 150 kg/m ²)	WL1500
	... when exposed to fire	B 300

HOW YOU BENEFIT

LAMILUX CI System Smoke Lift FE

- Available in a flat version (0°) or with a 3° pitch
- Easy to close after false signal release
- Variety of glazing types: double or triple Heat insulation glazing [U_g up to 0.6 W/(m²K)]
- Multi-stage ventilation fitted as standard
- Fall-through-proof in line with GS BAU18
- Optionally available as a roof exit hatch
- Open/close function as standard
- 24 V/48 V
- Numerous glazing types available [U_g = 1.1 to 0.6 W/(m²K)]
- Thermally insulated, joint-free GRP upstand, 30, 40 or 50 cm in height, with U values between 0.5 W/(m²K) and 0.9 W/(m²K)
- Comfortable remote control available as an option

SIZES 0°/3°	A _w VALUES (m ²)	SIZES 0°/3°	A _w VALUES (m ²)
	24 V 48 V		24 V 48 V
100/100	0.60	120/250	1.86
100/150	0.90	120/300	2.23
100/200*	1.24	125/125	0.97
100/200**	1.20	125/250	1.94
100/240	1.44	150/150*	1.42
100/250	1.53	150/150**	1.35
100/300	1.83	150/180	1.65
120/120	0.88	150/200	1.86
120/150	1.12	150/210	1.98
120/180*	1.36	150/240	2.27
120/180**	1.30	150/250	2.36
120/240	1.79	150/300	2.84

* for double glazing

** for triple glazing