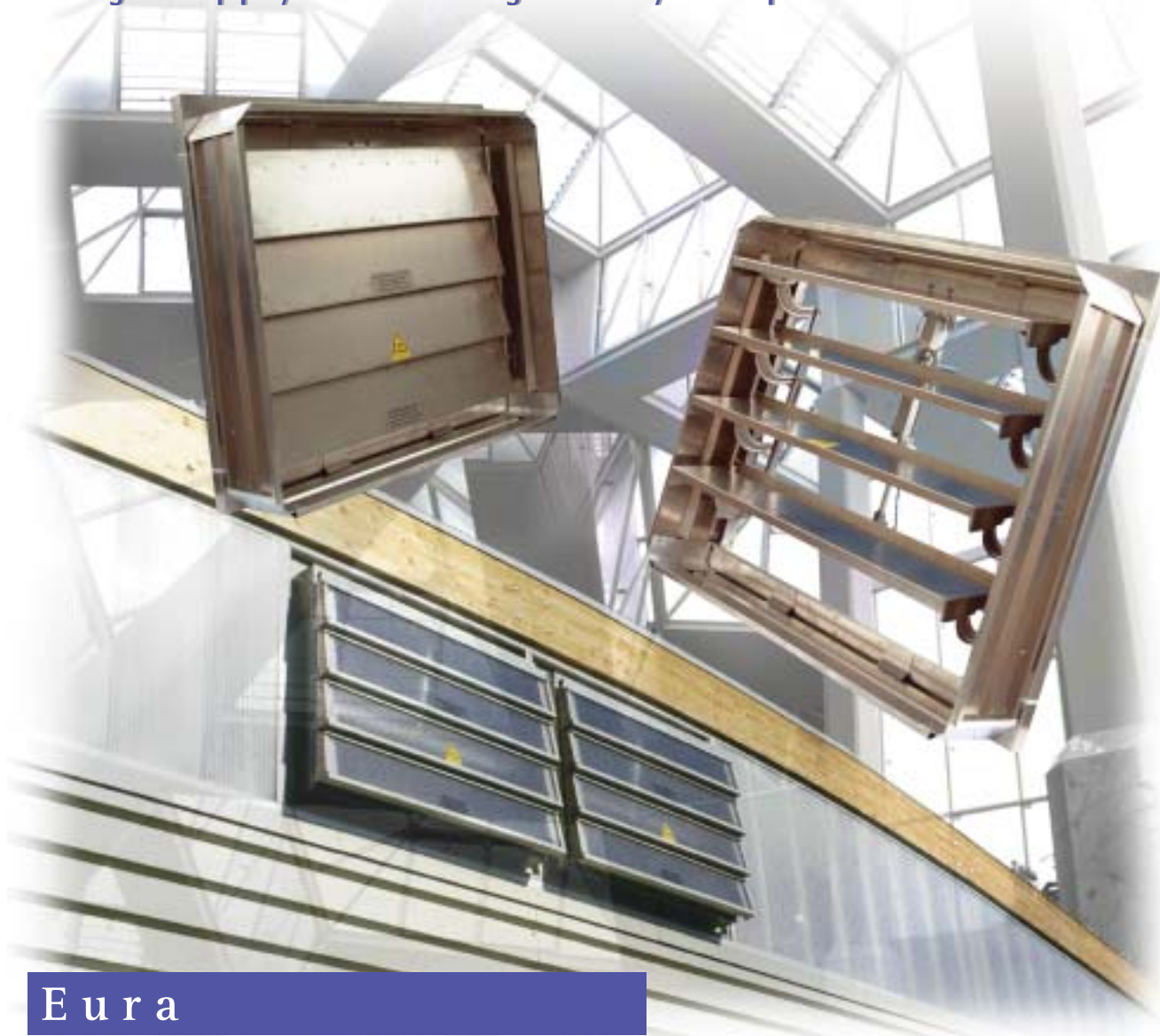


Uniclass L75342	EPIC L331
CI/SfB (57.8)	X (K23)

design supply install regulatory compliance total build



Eura

Aluminium louvred smoke ventilator

Proven performance, certified to BS 7346:Pt 1 :1990

Independently tested to EN 12101 – 2

Aesthetic low profile

Integral fusible device

Blade options – aluminium, polycarbonate, glass, insulated

Overlapping blades with weather seals, for low air leakage

Rigid construction for long term integrity

design

louvred ventilators

casement ventilators

powered

fixed louvre

controls

installation

service & maintenance

Smokelite Eura

The **Smokelite Eura louvre** ventilators are designed for the natural extraction of heat, smoke and fumes. The low silhouette ventilator is ideal for low pitched roofs. The ventilator can also be mounted in the vertical to provide low level fresh air.

Ventilators are manufactured from corrosion resistant aluminium A1Mg3 with the overlapping blades connected to the body of the ventilator via a completely accessible link bar. Ventilator bases are fully welded with the flanges profiled to fix directly to sheeting, curbs, glazing and brickwork. Wind spoilers are incorporated to achieve maximum discharge. A wide variety of pneumatic and electric operating mechanisms are available and a fusible device is optional.

The **Smokelite Eura louvre** has been independently tested to meet the requirements of EN12101-2 and also complies with **BS7346:Part 1:1990**. Weather tested for watertightness and wind resistance performance by a third party certification to both **EN** & **BS** standards.

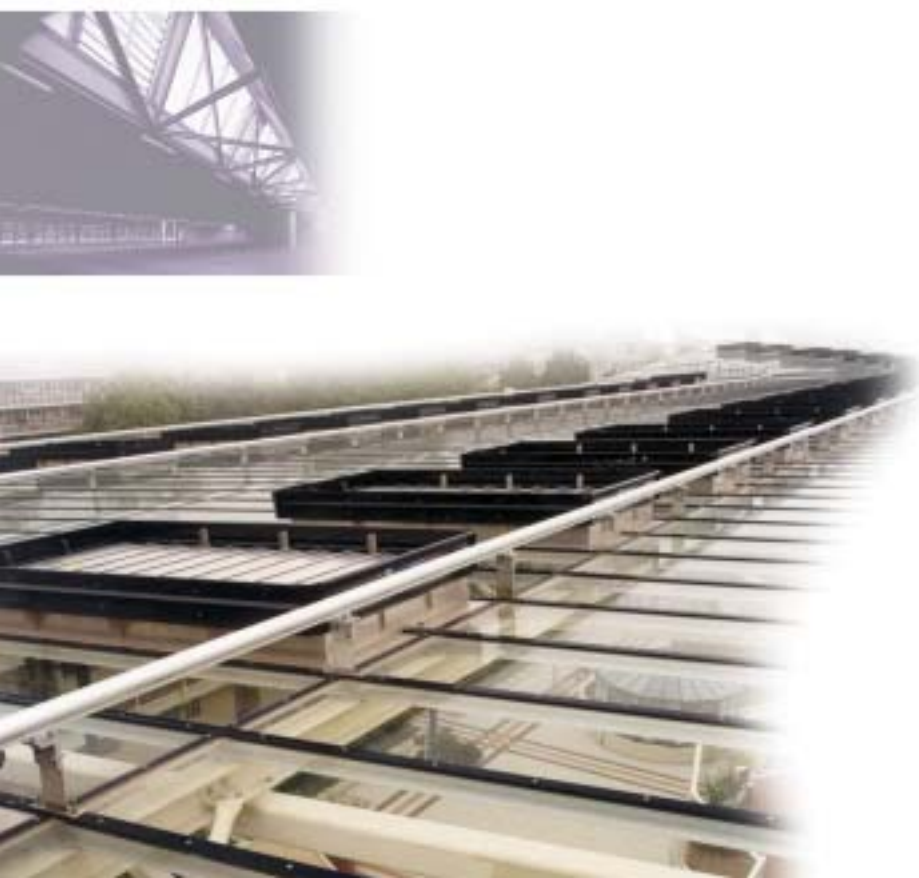
Blades, choice of:

- Mill finish aluminium as standard
- Twin/Triple wall translucent polycarbonate
- Georgian wired glass, 6mm
- Laminated/toughened glass, 6mm
- Insulated blades
- Insulated blades and frame

The ventilators can be manufactured from a wide range of sizes and are complete with a suitably profiled base frame for installation to a curb, profiled sheeting, glazing or brickwork opening.

Installation can be from the vertical to 5° from the horizontal.

Birdguards, fly screens or burglar bars can be included as an optional extra.



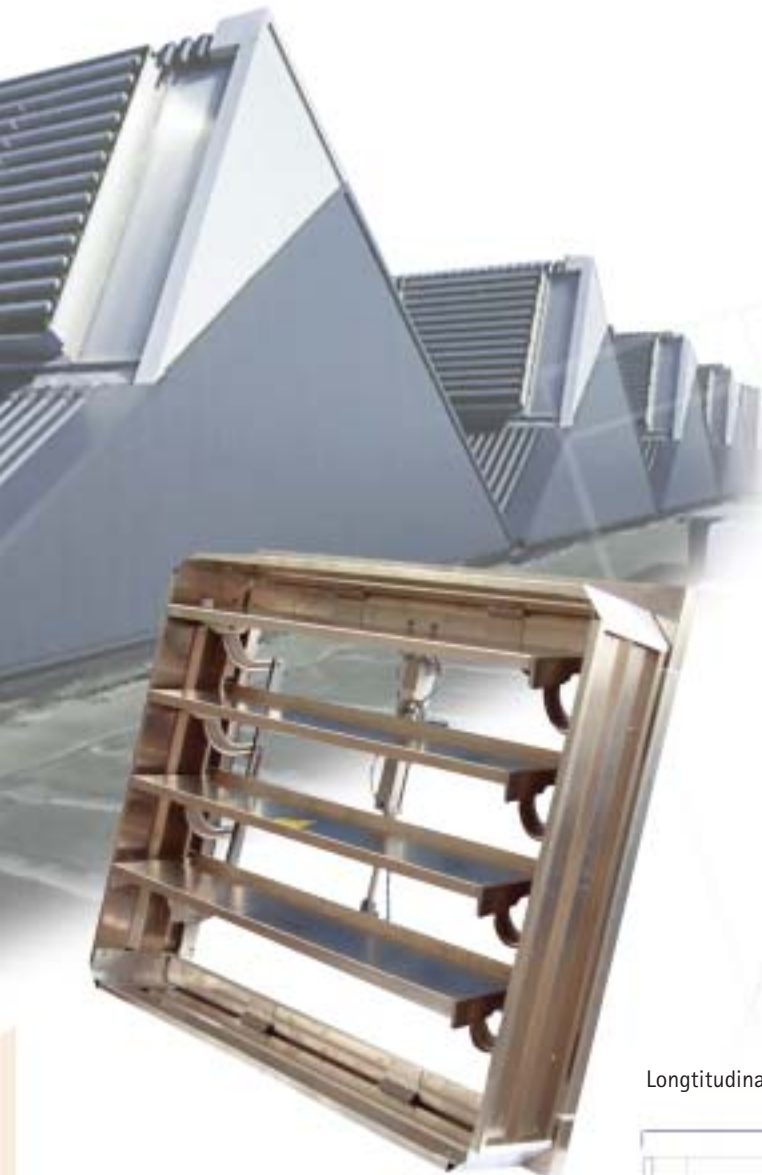
Alu = Single skin aluminium



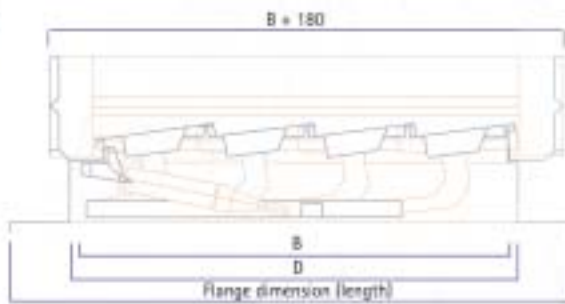
Alu-iso = Double skin insulated aluminium



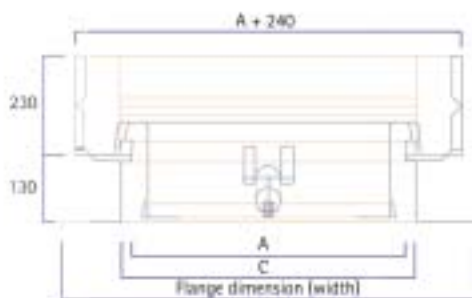
Isolux = Transparent or opal, 8mm twin wall polycarbonate or 16mm triple-wall polycarbonate (can also be fitted in laminated or toughened glass)



Longitudinal section



Transverse section



All products used are provided with comprehensive guarantees and comply to standards relevant to each installation and application, including EN12101-2 and BS7346



1 VSL INOVA

- Aluminium glazed casement ventilators for vertical applications.

2 ISL LUMA

- Aluminium glazed casement ventilators for incline applications.

3 EURA

- Louvred smoke ventilator with either aluminium, insulated or glass/polycarbonate blades for roof or vertical applications.

4 POWERED FANS

- A wide range of roof and duct mounted fans for all powered ventilation systems.

5 CONTROL SYSTEMS

- Fully designed electric or pneumatic control systems including control panels, rain sensors, thermostats etc. All wiring, pneumatic pipework etc. fully comply with current regulations.

6 SMOKE CURTAINS

- Both static and retractable curtains for creating the necessary smoke compartmentation.

7 SERVICE

- A comprehensive 24 hour service and maintenance facility is available throughout the UK.

All equipment meets the requirements of BS 7346: Parts 1: 1990 and EN 12101-2. Ventilators have been tested for weather, wind resistance snow loadings and air permeability to European standards.

The ventilators can be manufactured from a wide range of sizes - see table below

TYPE	UPPER LOUVRES	WEIGHT	MINIMUM CLEAR WIDTH IN MM	
	GEOMETRIC SURFACE		LB/GHB	HB
	m2	kg	A x B	C x D
60 - 4	0.63	23	600 x 940	640 x 980
60 - 5	0.77	27	600 x 1160	640 x 1200
60 - 6	0.91	30	600 x 1380	640 x 1420
60 - 7	1.05	33	600 x 1600	640 x 1640
60 - 8	1.19	36	600 x 1820	640 x 1860
60 - 9	1.33	39	600 x 2040	640 x 2080
60 - 10	1.47	42	600 x 2260	640 x 2300
60 - 11	1.61	45	600 x 2480	640 x 2520
60 - 12	1.75	48	600 x 2700	640 x 2740
60 - 13	1.89	51	600 x 2920	640 x 2960
120 - 4	1.22	33	1200 x 940	1240 x 980
120 - 5	1.49	38	1200 x 1160	1240 x 1200
120 - 6	1.76	42	1200 x 1380	1240 x 1420
120 - 7	2.03	47	1200 x 1600	1240 x 1640
120 - 8	2.31	51	1200 x 1820	1240 x 1860
120 - 9	2.58	56	1200 x 2040	1240 x 2080
120 - 10	2.85	60	1200 x 2260	1240 x 2300
120 - 11	3.12	65	1200 x 2480	1240 x 2520
120 - 12	3.40	69	1200 x 2700	1240 x 2740
120 - 13	3.67	74	1200 x 2920	1240 x 2960
180 - 4	1.80	42	1800 x 940	1840 x 980
180 - 5	2.21	48	1800 x 1160	1840 x 1200
180 - 6	2.61	54	1800 x 1380	1840 x 1420
180 - 7	3.02	60	1800 x 1600	1840 x 1640
180 - 8	3.42	66	1800 x 1820	1840 x 1860
180 - 9	3.83	72	1800 x 2040	1840 x 2080
180 - 10	4.23	78	1800 x 2260	1840 x 2300
180 - 11	4.64	84	1800 x 2480	1840 x 2520
180 - 12	5.04	90	1800 x 2700	1840 x 2740
180 - 13	5.45	96	1800 x 2920	1840 x 2960
240 - 4	2.39	52	2400 x 940	2440 x 980
240 - 5	2.93	59	2400 x 1160	2440 x 1200
240 - 6	3.46	66	2400 x 1380	2440 x 1420
240 - 7	4.00	73	2400 x 1600	2440 x 1640
240 - 8	4.54	80	2400 x 1820	2440 x 1860
240 - 9	5.08	87	2400 x 2040	2440 x 2080
240 - 10	5.61	94	2400 x 2260	2440 x 2300
240 - 11	6.15	101	2400 x 2480	2440 x 2520
240 - 12	6.69	108	2400 x 2700	2440 x 2740
240 - 13	7.22	115	2400 x 2920	2440 x 2960

1



2



3



4



5



6



7



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