

■ Fire protection

The spreading of fire and smoke to other floors must be prevented for building heights over two full floors using certified fire protection elements, classification K 90-18017.

In this respect, the following options and options presented in detail on page 66 are available according to the structural conditions.

– Casing ELS-GUB, with fire protection cladding

In fire resistant shaft (F90) or L90 ventilation duct.

– Casings ELS-GUBA, ELS-GAPB with fire damper

With casing positioning outside of fire resistant shaft (F90) or L90 ventilation duct. Connection to main pipeline with flexible or rigid steel tube.

– Fire protection ceiling seal ELS-D

Installation in the main ventilation pipeline. Approved for use in ventilation ducts and mixed installation shafts (even with flammable pipes) with just 12.5 mm thick plasterboard.

All ELS fans connected with Aluflex pipe do not require fire resistance classification.

ELS-D

Z-41.3-368



Fire damper ELS-D

When using this shut-off damper, all other components do not require any fire resistance classification. The universally applicable casing types ELS-GU (UP) and -GAP (AP) can be connected. The stub and

connection lines are cost-effective and installation-friendly in Aluflex pipe. For detailed description see page 596.

ND mm main pipe	100	125	140	160	180	200	
Type	ELS-D	100	125	140	160	180	200
Ref. no.		00270	00185	00186	00187	00188	00271

■ Intake air elements

□ Installation in wall openings

ZL



Universally applicable automatic supply air elements and thermostat supply valves for demand-based intake air volume control. See Intake air elements page for detailed description.

ø 80		ø 100		ø 160	
Type	Ref. no.	Type	Ref. no.	Type	Ref. no.
Automatic supply air element – Automatically temperature-controlled incl. thermostat supply valve, sound insulation and external grille					
ZLA 80	00214	ZLA 100	00215	ZLA 160	00216
Supply air element – Manually controllable in four levels incl. supply valve with drawcord, sound insulation and external grille					
		ZLE 100	00079		
Thermostat supply valve – For installation in existing ventilation openings					
ZTV 80	00078	ZTV 100	00073	ZTV 160	00074

Automatic supply air element ZLA 125 see page 76 f.

□ Installation in window frames

ALEF



Intake air element with volume flow control and limitation. See Intake air elements product page for detailed description. Ideal for retrofitting and new constructions.

∇	ø 160			
m³/h	Type	Ref. no.	Type	Ref. no.
Intake air element for installation in window frames – with volume flow control and limitation				
30	ALEF 30	02100	ALEFS 30	02102
45	ALEF 45	02101	ALEFS 45	02103
Intake air element for installation in window frames – humidity-controlled, with volume flow control and limitation				
5/45	ALEF Hygro 5/45	02056	ALEFS Hygro 5/45	02057

■ Overflow

LTG



Door ventilation grilles

Unobtrusive, sight screening ventilation grille made of break-resistant plastic for installation in door leaf. See ventilation grille product page for detailed description.

LTGW Ref. no. 00246
Made of plastic, white.

LTGB Ref. no. 00247
Made of plastic, brown.

■ Replacement air filter

ELF-ELS



ELF-DLV 100



Replacement air filter

Filter mats made of regenerating synthetic fibres, ISO Coarse 30%.

ELF-ELS Ref. no. 08190

Permanent filter for fan inserts ELS-V and ELS EC, suitable for cleaning in dishwasher, unit = 2 pcs.

ELF-DLV 100 Ref. no. 03042
For second room extraction unit ELS-ZS, unit = 5 pcs.

■ Reference Page

Dimensions, further technical information and other sizes:

Ventilation grilles	561 ff.
Intake air elements	586 ff.
Fire protection elements for use in multi-floor construction with more than 2 full floors	590 ff.
Control and regul. units	599 ff.