Smoke S-bend

LBSRTDE



Description

The s-bend deflects the duct system, for example where ducts cross. Trapeze corrugations stiffen the duct and reduce the risk of noise generation. Pre-wrapped 25 mm silver-coloured insulation insulates the outside of the product.

Has joining profiles of 30 mm flange.

A specific relationship between the a-dimension, fall (f), and length (l) allows the LBSRTDE to retain its cross-sectional area and avoid restricting airflow. Standard lengths and standard drops support this requirement.

The product is CE marked according to EN 12101-7 and used in a rectangular smoke control system – multi compartment (see Declaration of Performance).

Classification according to EN13501-4	
250×250 to 1250×1000 mm	EI60 (h_o, v_e) S 1500Pa Multi

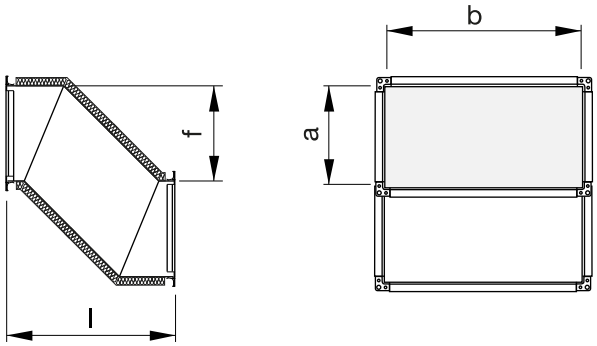
Classification according to EN13501-3	
250×250 to 1250×1000 mm	EI120 (h_o, v_e, o>i) S

Order code

Product	LBSRTDE
Form side a	300
Curved side b	600
Fall f	300
Length l	400

Order example: LBSRTDE-300-600-300-400

Dimensions



Insulation thickness: 25 mm

a mm	l std mm	f std mm
250	400	300
300	500	300
350	500	300
400	600	400
450	600	400
500	600	400
600	700	400
700	800	500
800	900	500
900	1000	500
1000	1100	500

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