Smoke Duct

LKRTDE



Description

Straight duct. Trapeze corrugations stiffen the duct and reduce the risk of noise generation. Larger dimensions have stiffening internal rods. Pre-wrapped 25 mm silver-coloured insulation insulates the outside of the product.

Has joining profiles of 30 mm flange.

The product is CE marked according to EN 12101-7 and is 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

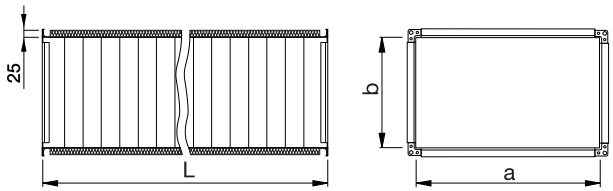
Product	LKRTDE
Largest side a	500
Smallest side b	300
Length L	1500

Order example: LKRTDE-500-300-1500

Lindab reserves the right to make changes without prior notice.

Smoke Duct LKRTDE

Dimensions



Minimum dimensions: 250×250 mm
Maximum dimensions: 1250×1000 mm

Insulation thickness: 25 mm

Weight kg/m insulated duct:

Dimensions [mm]		b																			
		250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1000	1050	1100	1150	1200	1250
a	250	17.8	19.4	20.9	22.5	24.0	26.3	27.9	29.4	31.0	32.5	34.0	36.5	37.1	38.6	40.2	42.5	44.1	45.6	47.1	48.7	50.2
	300	19.4	20.9	22.5	24.0	25.5	28.0	29.5	31.0	32.6	34.1	35.7	38.1	38.7	40.3	41.8	44.3	45.8	47.3	48.9	50.4	51.9
	350	20.9	22.5	24.0	25.5	27.1	29.6	31.1	32.6	34.2	35.7	37.3	39.6	40.4	41.9	43.4	46.0	47.0	49.0	50.6	52.1	53.6
	400	22.5	24.0	25.5	27.1	28.6	31.2	32.8	34.3	35.8	37.4	38.9	41.2	42.0	43.5	45.1	47.7	49.2	50.8	52.3	53.8	55.4
	450	24.0	25.5	27.1	28.6	30.1	32.8	34.4	35.9	37.5	39.0	40.5	42.7	43.6	45.1	46.7	49.4	50.9	52.5	54.0	55.5	57.1
	500	26.3	28.0	29.6	31.2	32.8	34.5	36.0	37.5	39.1	40.6	42.2	44.2	45.2	46.8	48.3	51.1	52.6	54.2	55.7	57.3	58.8
	550	27.9	29.5	31.1	32.8	34.4	36.0	39.0	40.5	42.1	43.6	45.9	46.7	48.2	49.7	51.3	55.0	56.6	58.2	59.9	61.5	63.1
	600	29.4	31.0	32.7	34.3	35.9	37.5	40.5	42.2	43.8	45.3	47.4	48.4	49.9	51.5	53.0	56.7	58.3	59.9	61.6	63.2	64.8
	650	31.0	32.6	34.2	35.8	37.5	39.1	42.1	43.8	45.5	47.0	48.9	50.1	51.6	53.2	54.7	58.4	60.0	61.7	63.3	64.9	66.5
	700	32.5	34.1	35.7	37.4	39.0	40.6	43.6	45.3	47.0	48.7	50.5	51.8	53.4	54.9	56.4	60.1	61.7	63.4	65.0	66.6	68.2
	750	34.0	35.7	37.3	38.9	40.5	42.2	45.9	47.4	48.9	50.5	52.0	53.5	55.1	56.6	58.1	61.8	63.5	65.1	66.7	68.3	70.0
	800	36.5	38.1	39.6	41.2	42.7	44.2	46.7	48.4	50.1	51.8	53.5	55.2	56.8	58.3	59.9	63.5	65.2	66.8	68.4	70.1	71.7
	850	37.1	38.7	40.4	42.0	43.6	45.2	48.2	49.9	51.6	53.4	55.1	56.8	58.5	60.0	61.6	65.3	66.9	68.5	70.1	71.8	73.4
	900	38.6	40.3	41.9	43.5	45.1	46.8	49.7	51.5	53.2	54.9	56.6	58.3	60.0	61.7	63.3	67.0	68.6	70.2	71.9	73.5	75.1
	950	40.2	41.8	43.4	45.1	46.7	48.3	51.3	53.0	54.7	56.4	58.1	59.9	61.6	63.3	65.0	68.7	70.3	71.9	73.6	75.2	76.8
	1000	42.5	44.3	46.0	47.7	49.4	51.1	55.0	56.7	58.4	60.1	61.8	63.5	65.3	67.0	68.7	70.4	72.0	73.7	75.3	76.9	78.5