

ULK Air intake device

ULK is a roof-mounted ventilation system air intake device for rectangular ducts.

Features:

- Excellent storm water and snow resistance
- Solid structure
- Optimum pressure drop
- Low sound level
- Innovative design

ULK with external roof transition connection:

- Standard dimensions
- Simplifies installation
- Waterproof and safe installation



Application

Designed to operate in tough conditions. The labyrinth structure ensures good resistance (rain, snow, hail) in stormy weather (wind speeds up to 25 m/s).

Available for direct installation on roof through connection.

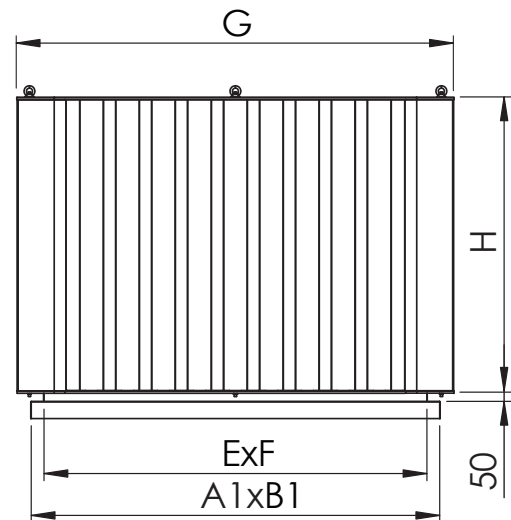
Material and dimensions

ULK is manufactured as standard from zinc-magnesium coated sheet steel, DX51D+ZM310. In special order can also be manufactured of other materials and in powder coated finish (RAL colorcard).

ULK air intake devices are available in several dimensions for rectangular air intake systems. Minimum duct connection dimensions are 300x300 and the maximum is 2100x2100-2000. The larger sizes are also possible for special projects.

The air intake device can be equipped with E30 europrofile for connection to a rectangular duct.

Starting from size 800x800 mm, the ULK is equipped with lifting and anchoring brackets.



Koko	Nominal size A1xB1xH, mm	E/F, mm	A1/B1, mm	G, mm	H, mm	Airflow, l/s		Suitable MKLI (50 mm insul.)
						Min	max	
3	300x300x500	300	500	625	500	200	700	MKLI 3
4	400x400x600	400	600	625	600	300	900	MKLI 4
5	500x500x800	500	700	775	800	500	1500	MKLI 5
6	600x600x900	600	800	925	900	650	2000	MKLI 6
7	700x700x1100	700	900	925	1100	800	2400	MKLI 7
8	800x800x1200	800	1000	1075	1200	1100	3100	MKLI 8
9	900x900x1400	900	1100	1225	1400	1400	4100	MKLI 9
10	1000x1000x1500	1000	1200	1225	1500	1500	4400	MKLI 10
11	1100x1100x1700	1100	1300	1375	1700	1900	5600	MKLI 11
12	1200x1200x1800	1200	1400	1525	1800	2200	6600	MKLI 12
13	1300x1300x2000	1300	1500	1525	2000	2400	7300	MKLI 13
14	1400x1400x2000	1400	1600	1675	2000	2700	8000	MKLI 14
15	1500x1500x2000	1500	1700	1825	2000	2900	8700	MKLI 15
16	1600x1600x2000	1600	1800	1825	2000	2900	8800	MKLI 16

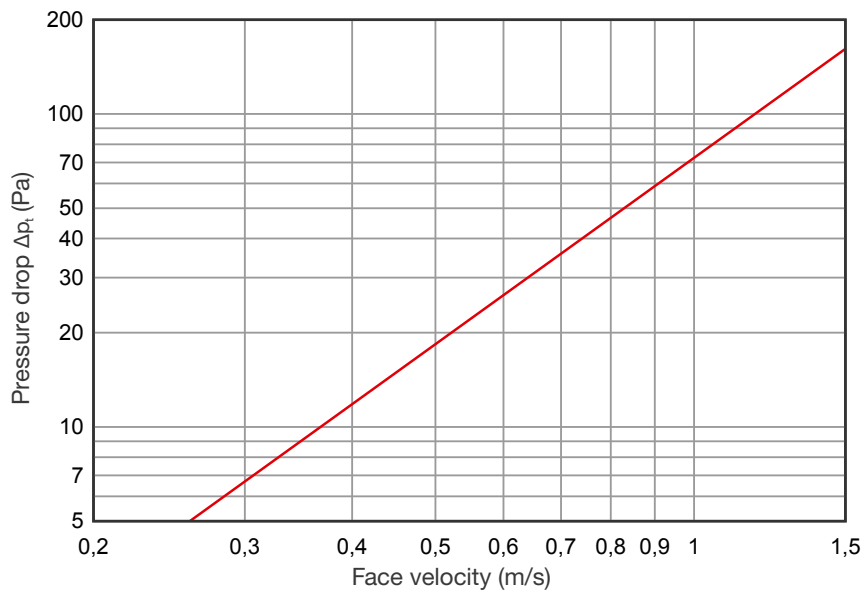
ULK Air intake device + MKLI Roof transition

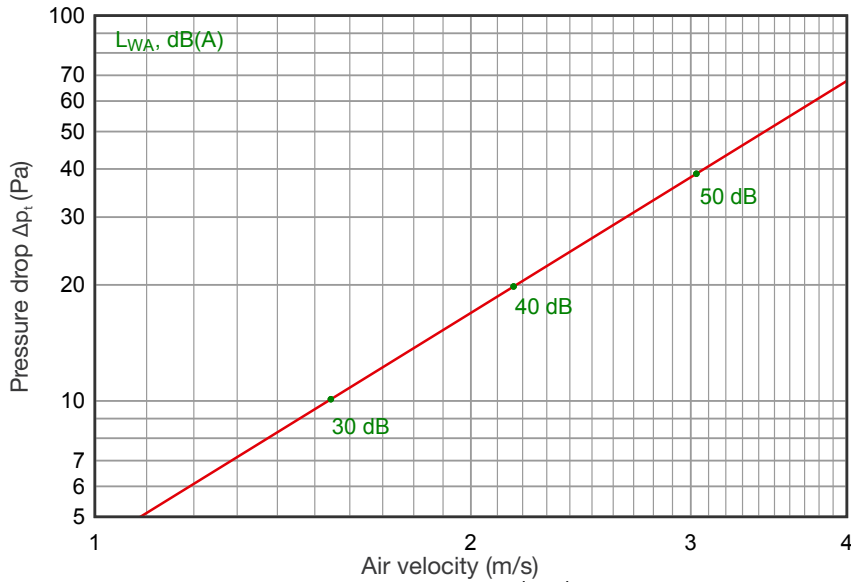
ULK+KL Air intake device	MKLI Roof transition	Size ULK	E/F, mm	A1/B1, mm	MKLI Size	B, mm	C, mm
		3	300x300	500	MKLI 3	495	295
		4	400x400	600	MKLI 4	595	395
		5	500x500	700	MKLI 5	695	495
		6	600x600	800	MKLI 6	795	595
		7	700x700	900	MKLI 7	895	695
		8	800x800	1000	MKLI 8	995	795
		9	900x900	1100	MKLI 9	1095	895
		10	1000x1000	1200	MKLI 10	1195	995
		11	1100x1100	1300	MKLI 11	1295	1095
		12	1200x1200	1400	MKLI 12	1395	1195
		13	1300x1300	1500	MKLI 13	1495	1295
		14	1400x1400	1600	MKLI 14	1595	1395
		15	1500x1500	1700	MKLI 15	1695	1495
		16	1600x1600	1800	MKLI 16	1795	1595

The dimensions of MKLI are with 50 mm insulation.
Data for MKLI with 100 mm insulation (EI120) see MKLI data sheet.
The standard height of the MKLI is 1200 mm.

Pressure drop - Airflow - Intake air

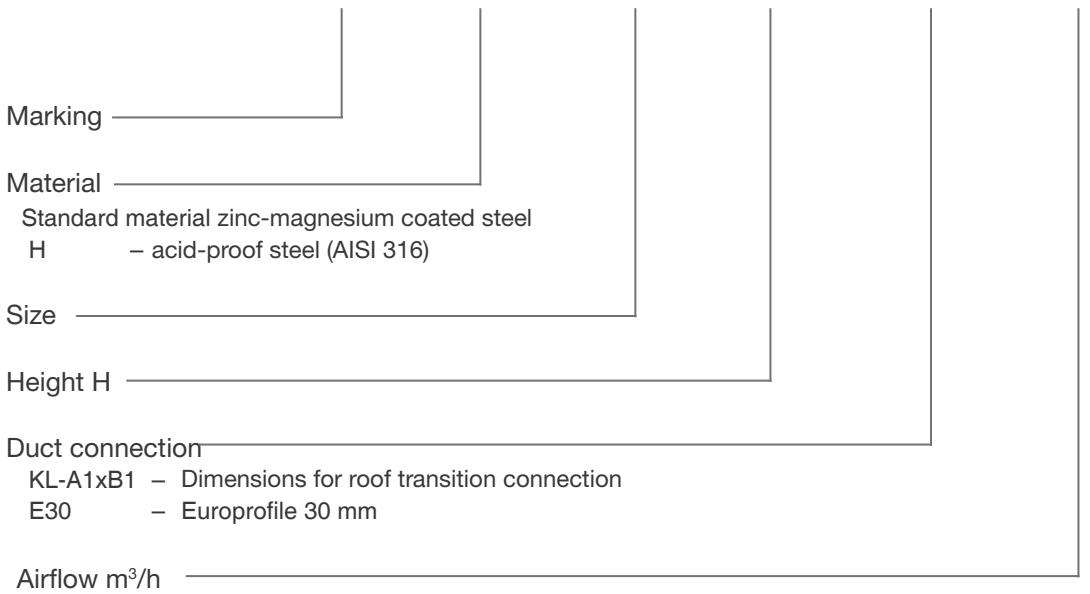
The allowed velocity of Airflow at the outer edge of the device is 0,6 m/s.





Product codes

ULK - Material - Size - H - KL-A1xB1 - q



- Example:**
- ULK 500x500-500 Air intake device (650-2000 l/s)
 - ULK 500x500-500-RAL7000 Air intake device (650-2000 l/s)
 - ULK 500x500-500-E30 Air intake device (650-2000 l/s)