

ULV2K Exhaust air diffuser

Exhaust diffuser with rectangular connections. Protects the duct system from precipitation.

Features:

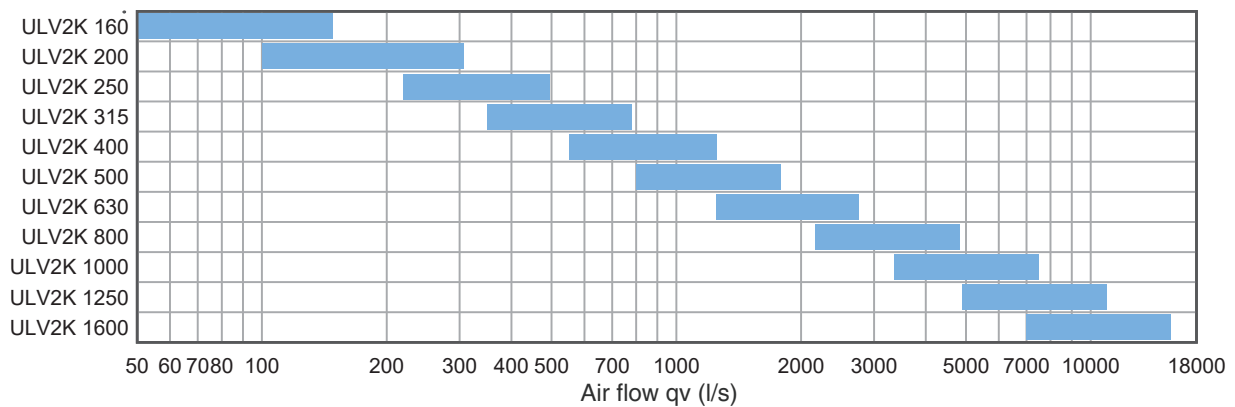
- Low design
- Long vertical exhaust pattern
- Solid structure
- Low pressure loss
- Low sound level
- Can be installed directly in a roof transition



Application

Exhaust air is blown vertically up with low pressure loss and high speed through the unit. This ensures that odours and dirt in exhaust air will not fall on the area around the exhaust diffuser. Design of the unit efficiently prevents rainwater from entering duct. Rainwater is drained onto the roof from the base of the unit.

Quick selection



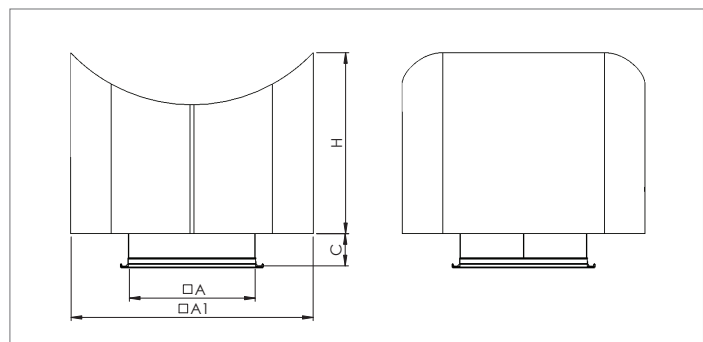
Material, dimensions and technical data

Manufactured of zinc-magnesium coated sheet steel, DX51D+ZM310.

Sizes 160-630 mm with europrofile E20 and 800-1250 mm with europrofile E30.

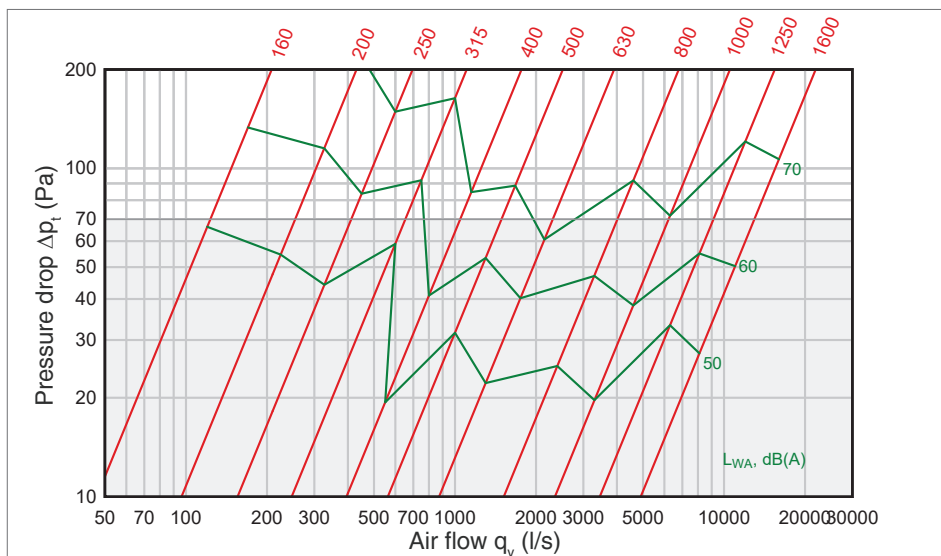
Standard product is square. Can be ordered with dimensions A and B different from each other.

Can also be manufactured of other materials and in coated finish.



Nominal size		H, mm	C, mm	MKL (50 mm insulation)	Weight, kg	
A	A, mm	A1, mm				
160	160	340	345	100	300x300	5
200	200	400	300	100	300x300	7
250	250	500	375	100	350x350	10
315	315	600	450	100	400x400	14
400	400	800	650	100	500x500	25
500	500	1000	800	100	600x600	37
630	630	1200	1000	100	700x700	57
800	800	1500	1100	100	900x900	92
1000	1000	1600	1200	100	1100x1100	121
1250	1250	1900	1250	100	1350x1350	142
1600	1600	2400	1800	100	1750x1750	255

Pressure drop - Air flow - Exhaust air



Sound pressure level L_{pA}									
Distance L (m)	1	3	5	10	15	20	25	30	40
Attenuation ΔL (dB)	7	17	22	28	31	34	36	37	40

Total sound pressure level to environment can be approximated for different distances with the following formula:

$$L_{pA} = L_{WA} - \Delta L$$

Product codes

ULV2K Marking	A Nominal dimension	E20 Duct connection E20 - europrofile 20 mm E30 - europrofile 30 mm KL - roof transition + dimensions
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Example: ULV2K 160 - E20 Exhaust air diffuser with europrofile connection

Material codes

- Standard material zinc-magnesium coated sheet steel (DX51D+ZM310).
- Zn – galvanized steel (DX51D+Z275), (standard EVS-EN 10346:2015)
- H – acid-proof steel (standards EVS-EN 10088-2:2014, EN 1.4436 or AISI 316)
- Al – aluminium (standards EVS-EN 485-1:2016, 5754 [AlMg3])
- RAL colour, when coated