

ULS Air intake device

Roof-mounted device for intake of fresh air into the ventilation system.

Features:

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

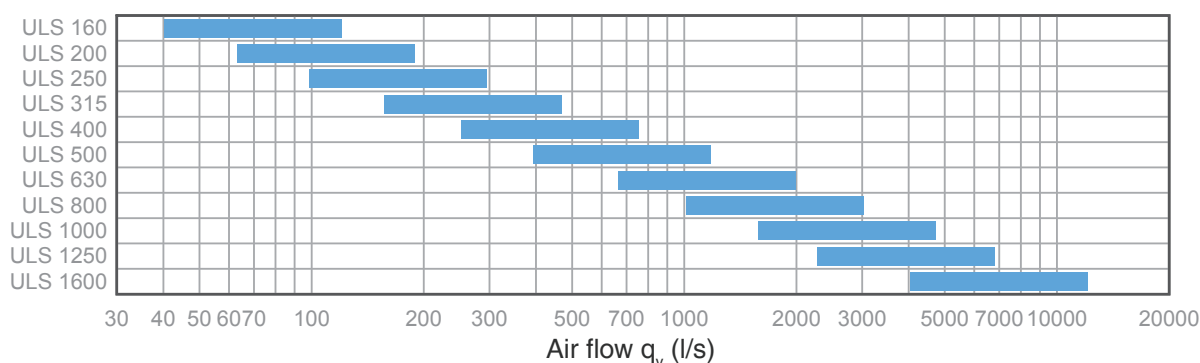
Application

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

Air flow on the front surface of the device should not exceed 0,6 m/s.



Quick selection

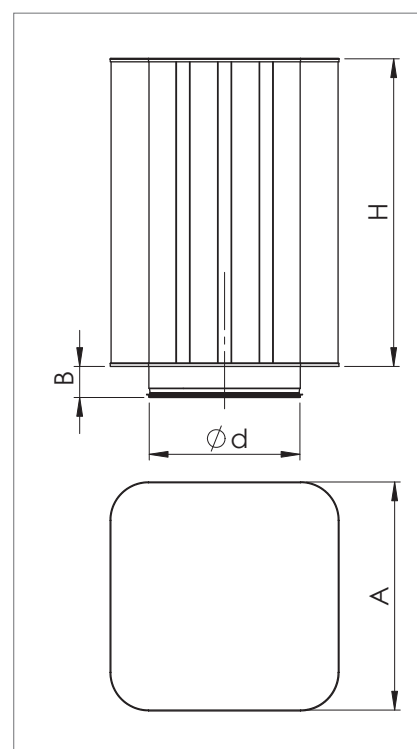


Material, dimensions and technical data

Manufactured of zinc-magnesium coated sheet steel, DX51D+ZM310. Can also be manufactured of other materials and in powder coated finish. Sizes Ø 160-400 mm are equipped with rubber gasket and sizes Ø 500-1600 mm with VRL flange joint. Counterflange ordered separately. In special order larger sizes also available with rubber gaskets. Starting from Ø 500 mm, equipped with lifting and anchoring bracket.

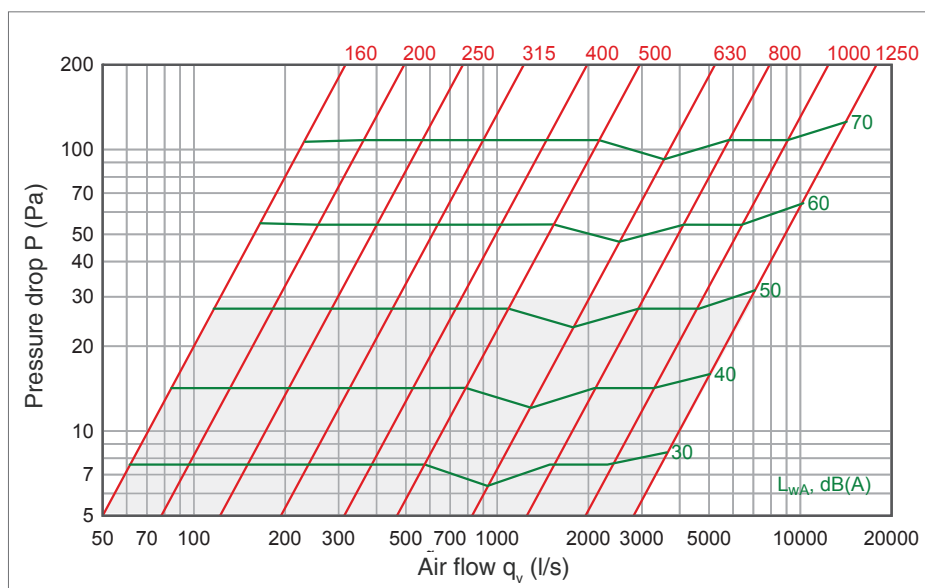
Nominal size D, mm	A, mm	H, mm	B, mm	VRL flange (Eurovent 1/2)				Weight, kg
				D	E	F	n	
160	240	200	90	-	-	-	-	7
200	280	320	90	-	-	-	-	10
250	330	340	90	-	-	-	-	12
315	500	812	90	-	-	-	-	34
400	600	812	90	-	-	-	-	40
500*	700	1012	90	506	560	12	12	61
630*	830	1220	100	636	690	12	12	79
800*	1000	1220	100	806	860	12	16	107
1000*	1400	1220	100	1008	1070	15	16	183
1250*	1450	1525	100	1258	1320	15	20	217
1600*	1800	1800	150	1608	1670	19	24	329

* From size Ø 500 are ULS devices equipped with flange connection



Pressure drop - Air flow

Recommended maximum pressure loss 40 Pa.



7

Product codes

ULS

Marking

ØD

Diameter

Example: ULS 315

Other materials:

H - Stainless steel according to standard EVS-EN 10088-2:2014, EN 1.4301 or AISI 304

Al - Aluminium according to standard EVS-EN 485-1:2016, 5754 [AlMg3]

V - Powder coated, color code from RAL colorcard

Example: ULS 315 - RAL9010 Air intake device